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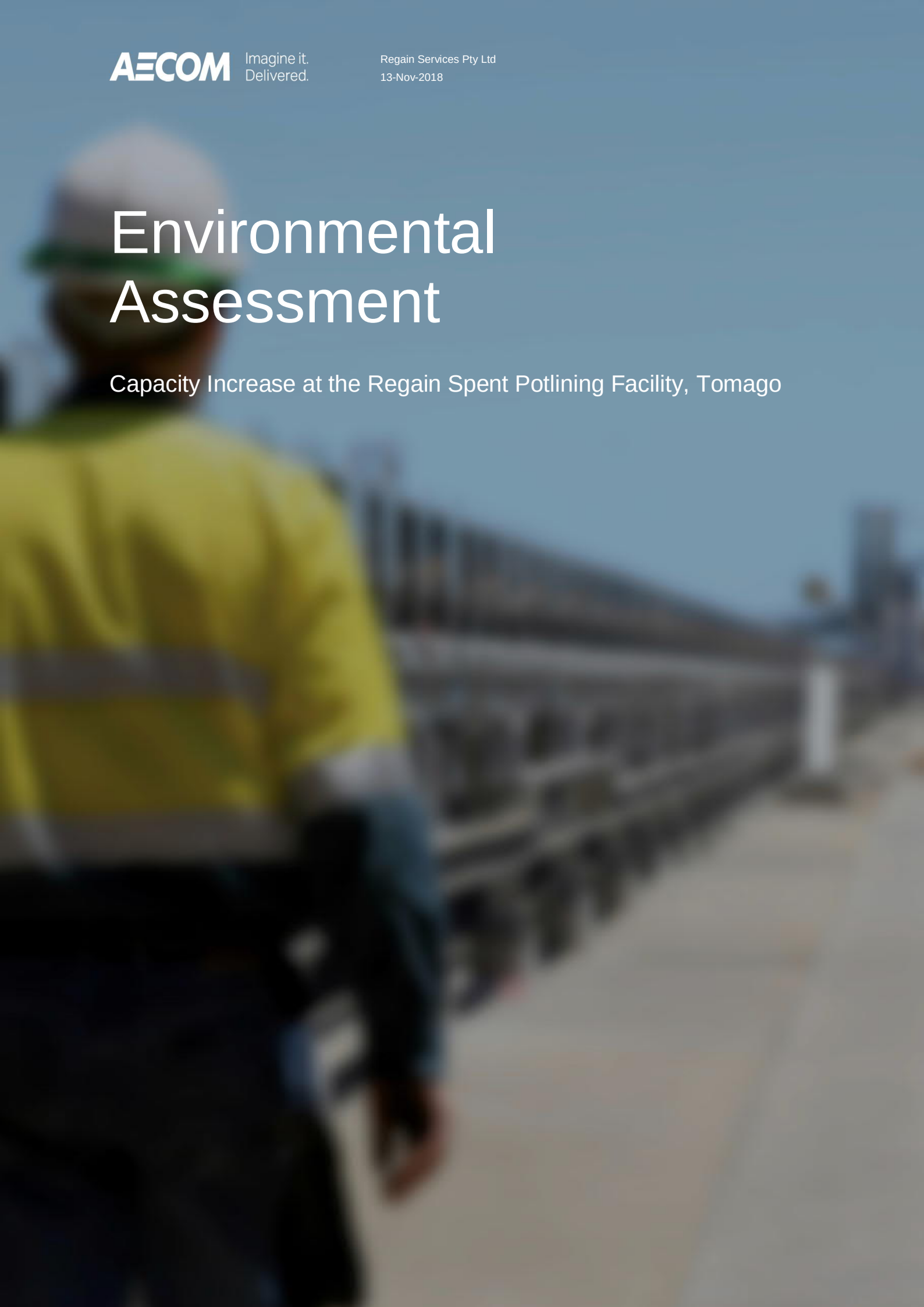
Environmental Assessment

Capacity Increase at the Regain Spent Potlining Facility, Tomago



Environmental Assessment

Capacity Increase at the Regain Spent Potlining Facility, Tomago NSW

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Executive Summary

Introduction

This Environmental Assessment (EA) has been prepared for Regain Services Pty Ltd (Regain) to accompany an application under Section 75W of the *Environmental Planning and Assessment Act 1979* (EP&A Act) to modify its existing Project Approval 06_0050. The modification would allow Regain to increase the capacity at Regain's existing Spent Potlining (SPL) Facility at Tomago, NSW (the Project).

Aluminium production is a continuous process where molten aluminium is produced within a refractory lined 'pot'. During the production process, the potlinings become contaminated with materials such as alumina, aluminium, calcium, fluoride compounds and sodium. The contaminated potlining, known as SPL is regularly replaced as part of the periodic individual rebuilding of the pots.

The SPL is classified as a Dangerous Good and an Environmentally Hazardous Waste. It requires careful handling and disposal in accordance with regulatory requirements. SPL materials are currently stored at Tomago smelter in a number of secure, dry storage sheds prior to disposal. Historically, SPL has been shipped internationally for processing. It is estimated that approximately 700,000 tonnes of SPL exists in storages around Australia and that around 36,000 tonnes of SPL is generated per annum (REC, 2016).

Regain has worked with a number of aluminium smelters in Australia to recycle minerals from a range of smelter wastes to develop products that would be valuable to other industry sectors. Regain has recycled more than 350,000 tonnes of waste from four aluminium smelters in Australia diverted from the waste stream and transformed into products over the last 20 years.

The Project would provide for an increase in processing capacity at the existing facility to 60,000tpa without significantly increasing the risk profile and the environmental impacts of the existing approved development. This provides the opportunity to assist in the processing of SPL wastes currently being stockpiled throughout Australia, thereby decreasing the time taken to reduce these substantial stockpiles.

The Regain SPL processing facility currently processes up to 20,000tpa of SPL. The facility is located within the footprint of the Tomago Aluminium smelter site which is approved to produce up to 600,000tpa of aluminium. The existing Regain operated facility is a proven success with Tomago Aluminium celebrating the successful treatment of the last of the company's SPL to have been stored in purpose built long term storage facilities on site in November 2017. However as aluminium production continues to grow, so does the need for a sustainable SPL processing solution. Aluminium production at Tomago Aluminium has increased steadily from an estimated 525,000 tonnes in 2008 to 585,000 tonnes in 2016. This places increased demands on Regain's existing local services and supports the continued viability of the Project.

Proposed Modifications

The SPL processing facility currently process up to 20,000 tonnes per annum (tpa) of SPL material. The recycled waste product is reused by other industries (e.g. primarily the cement industries) as a fluxing agent. The Project involves increasing the handling capacity of the facility from 20,000 tpa to 60,000 tpa using improvements to the existing proven technology, in order to respond to market demand. The Project would reduce the potential for SPL stockpiles to accrue, while also ensuring the operational efficiency of the facility into the future.

To achieve a 60,000tpa processing rate an additional thermal treatment plant capable of processing up to 40,000tpa would be installed at the existing Regain facility. The originally proposed plant configuration would be rationalised, recognising improvements in technology and a simplified product inventory. Therefore the proposed modifications retain the general physical scale of the previously approved plant configuration.

Additional stormwater controls would be installed which would provide improved opportunities for stormwater capture, reducing pressure on the existing Tomago Aluminium stormwater services.

Existing site practices would remain generally unchanged with existing material handling practices and environmental controls either remaining in place or being improved based on site experiences.

As the Regain facility is located within the smelter a number of facilities are shared, including site access points, stormwater systems and services. The Tomago Aluminium smelter operates a comprehensive environmental monitoring program which is commensurate to the scale of the operation.

Environmental Impact Assessment

The environmental assessment considered nearby sensitive receptors including (but not limited to):

- The Botanic Gardens approximately 2.6km to the north west;
- The Tomago Sandbeds Catchment Area 0.5km to the north;
- Tomago Bowling and Sporting Club approximately 0.6km to the south; and
- Tomago Village Van Park located approximately 1.6km to the west.

The following key environmental issues relating to the Project were assessed:

Air Quality

To determine the potential impacts arising as a result of the Project in addition to the site's existing operations, an Air Quality Impact Assessment (AQIA) was prepared. A conservative assessment method was utilised to review potential incremental and cumulative impacts of the Project based on proposed maximum pollutant emission limits.

The results indicated that when operation of the facility is considered in isolation a substantial change in levels of pollutants predicted at sensitive receptors was considered unlikely. Pollutant concentrations at surrounding sensitive receptors are expected to be low. Air quality modelling predicted that elevated concentrations of Hydrogen Fluoride may occur at nearby industrial receptors under certain circumstances. However these findings are strongly influenced by surrounding industrial operations with actual contributions generated by the Project being low.

A buffer zone was designated during the approval process for the third potline at Tomago Aluminium to accommodate an annual emission equivalent to 298 tonnes of total fluoride per year. A review of emissions from the Tomago Aluminium smelter between 2012 and 2017 identified that annual fluoride emissions ranged between 240 to 280 T/yr with a substantial reduction in recent years (towards 240T/yr). The maximum potential Regain contribution to the annual fluoride load on the buffer zone was predicted to be less than 3 T/yr. It is therefore considered unlikely that the small potential increase associated with the Project would adversely affect the condition of vegetation or soils in the Botanic Gardens (located approximately 2.6km from site), or water quality within the Tomago Sandbeds, or surrounding areas within the buffer zone.

Hazard and Risk

The requirements of State Environmental Planning Policy 33- Hazardous and Offensive Development were used to assess the potential hazards and risks of the proposed modifications to the Project. There is no change in the dangerous goods storage status of the facility. A gap analysis and preliminary screening analysis concluded that the potential hazards associated with the Project are not anticipated to change the existing risk profile of the facility.

Human Health

A Human Health Risk Assessment (HHRA) was prepared to assess the potential human health risks to surrounding off-site human receptors as a result of air emissions from the Project. The HHRA concluded that under both typical operations and proposed maximum emission limit conditions the estimated health risks to humans from vapour and particulates emitted from the facility was considered low and acceptable.

Traffic and Transport

Heavy vehicles access the facility via the Tomago smelter site using the Pacific Highway which provides regional connectivity. The additional heavy vehicle movements generated by the Project are

expected to result in a 3% increase in total heavy vehicle movements to and from the Tomago Aluminium smelter site. When compared to existing traffic movements along the Pacific Highway, truck movements generated by the Project would account for approximately 0.03% of all total truck movements. There would be no additional passenger vehicle movements associated with operation of the modified facility, as the existing workforce is not expected to change. The facility would have minimal impact on existing traffic, intersection or road network capacity.

Soil and Water Quality

The Project would provide improved opportunities for stormwater control through the addition of a second first flush system. The Project would not result in any substantial alteration to existing hardstand areas or impervious surfaces and would improve existing environmental controls and performance. The risk to surface water and groundwater quality is therefore considered low based on the additional environmental controls proposed.

Waste Recycling

The SPL processing facility not only fully recycles a waste material, but also generates end-products that reduce the generation of greenhouse gas emissions and the consumption of fuel and raw materials in the brick and cement industries. The Facility's operational processes do not generate raw SPL material or by-product wastes.

All raw materials would be processed at the Facility. SPL materials and recycled products are currently stored on site within existing purpose built buildings. Waste handling activities are undertaken in accordance with the site Environmental Management Plan which identifies specific material handling and processing procedures and controls to mitigate hazards and risks associated with handling an Environmentally Hazardous Waste.

Conclusion

In summary this EA has assessed the potential impacts that may arise as a result of the proposed modifications. The increase in throughput would result in a modified layout to that anticipated in the 2009 EA whilst retaining the physical size and scale of the originally approved Project.

The EA demonstrates a number of positive environmental benefits associated with the SPL recycling process including:

- Substantial reductions in Scope 3 Greenhouse Gas Emissions within the cement industry by providing a three times greater reduction in $CO_{2\text{-}e}$ emissions of approximately 138,300 $CO_{2\text{-}e}$ (tonnes) based on current lifecycle analysis.
- Waste resource recovery benefits such as diverting waste from landfill and managing problem wastes in better ways.
- Consistency with the objectives of the NSW Waste Avoidance and Resource Recovery Strategy 2010-2021.

The EA demonstrates a strong project need for the proposed increase in processing capacity based on substantial stockpiles of SPL which have accumulated in Australia. It is estimated that approximately 700,000 tonnes of SPL exists in storages around Australia and that around 36,000 tonnes of SPL is generated per annum (REC, 2016).

It is considered that the Project (as modified) would remain substantially consistent with existing site processes, as previously approved. The existing site management measures are considered generally sufficient to appropriately manage the potential environmental impacts associated with the entire development on the site (the existing facility and the proposed modifications) as the environmental impacts and risk profile of the total development are not expected to change significantly. However additional specific mitigation measures have been identified where appropriate in the EA. The mitigation measures outlined in this EA and the existing site Environmental Management Plan would be used to guide the ongoing operation of the facility.

It is considered that the environmental consequences resulting from construction and operation of the Project (as modified) are expected to remain substantially the same when compared to the currently approved Project and that the project may be determined accordingly.

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1.0 Introduction

1.1 Purpose of this Document

This Environmental Assessment (EA) has been prepared by AECOM Australia Pty Ltd (AECOM) on behalf of Regain Services Pty Ltd (Regain) to accompany an application under Section 75W of the *Environmental Planning and Assessment Act 1979* (EP&A Act) to modify its existing Project Approval 06_0050. The modification is for the proposed capacity increase at Regain's existing Spent Potliner (SPL) Facility at Tomago, NSW (the Project).

Regain briefed the Department of Planning and Environment (DP&E) in August 2017 regarding the Project and the proposed modifications. Advice received from DP&E on 20 December 2017 confirmed that a modification to the Project Approval can be sought under section 75W of the EP&A Act, and provided the Environmental Assessment Requirements (EARs) for the Project. A copy of the EARs is attached at **Appendix A** and summarised in **Section 5.1**.

1.2 Background

1.2.1 Facility Location

The SPL Processing Facility is located within the existing Tomago Aluminium smelter site – a 500 hectare site located on the NSW east coast around 13 km northwest of the central business district of Newcastle. The site is within the Port Stephens Local Government Area (LGA), on Tomago Road, Tomago (see **Figure 1**). The smelter is close to the North Arm of the Hunter River, and is also in the vicinity of the Kooragang Nature Reserve and the Tomago Sandbeds Water Supply Works.

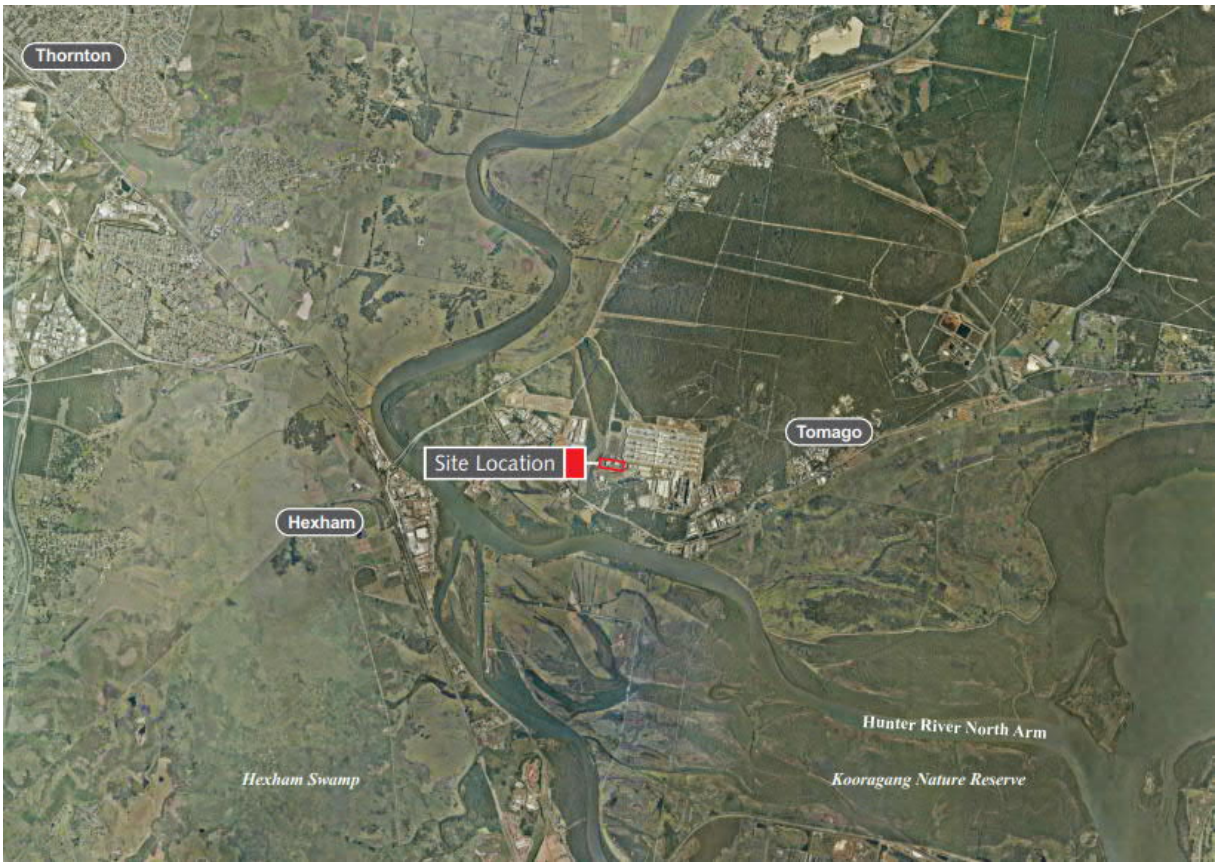

Figure 1 Facility Location

1.2.2 Existing Approvals

An Environmental Assessment (EA) was undertaken in 2009 (ENSR AECOM, 2009; hereafter referred to as the 2009 EA) to assess the potential impacts associated with construction and operation of an SPL Processing Facility. The Project was approved on 7 August 2009 (Project Approval 06_0050) under the EP&A Act by delegation of the Minister for Planning.

The Facility currently operates in general accordance with Project Approval 06_0050, Environmental Protection Licence 13269 issued under the *Protection of the Environment Operations Act 1997* (POEO Act) and Environmentally Hazardous Chemicals Licence #88 issued under the *Environmentally Hazardous Chemicals Act 1985* (EHC Act).

An administrative modification of Project Approval 06_0050 (Mod 1) was granted on 16 November 2016 to remove restrictions on the source of suppliers of SPL waste. The SPL Processing Facility is currently approved to treat up to 20,000 tonnes per annum (tpa) of SPL. Opportunities to enhance the operational efficiency of the facility have been identified and modification of the existing Project Approval is therefore being sought to provide for these alterations and an increase in production to 60,000tpa.

1.3 The Applicant

Regain Services Pty Ltd (Regain) is a Hunter-based mineral trading and processing company that focuses on mineral products manufactured from aluminium smelter by-products. Regain has worked with a number of aluminium smelters in Australia to recycle minerals from a range of smelter waste products (including bake furnace and cast house refractory wastes, spent anodes and SPL) to develop products that would be valuable to other Australian industry sectors. Products produced include fuel and minerals for cement manufacturing, and flux for use in brick kilns.

Regain has 20 years of demonstrated experience recycling aluminium smelter waste products into beneficial products. During this time Regain has recycled approximately 350,000 tonnes of SPL into a useful additive material for industry.

2.0 Description of the Project

2.1 Proposed Project

The Project is for the modification of the existing Part 3A Approval (06_0050) for the Tomago SPL Processing Facility (the Facility). Modification of the existing approval is proposed to provide for:

- **Plant modifications:** Opportunities have been identified to enhance the operational efficiency of the existing facility by altering the originally proposed site layout and key plant components; and
- **Facility production increase:** To ensure operational efficiencies and for Regain to meet market demand, modification is sought to increase current production from 20,000tpa to 60,000tpa.

The Project is to modify an existing SPL processing facility on site at Tomago Aluminium smelter which reduces the hazardous nature of a waste material through thermal treatment thereby recycling a waste material into a useable end-product.

The Project (as modified) would generally comprise:

- Materials preparation: This would involve SPL crushing and sizing, and would be located in Shed 5. Quantities of SPL would continue to be contained within Shed 5. No modification to existing material preparation processes is proposed as a result of this modification;
- Thermal treatment: This would involve a heat treatment process which would destroy the cyanide and neutralise the flammable gas hazard associated with SPL while retaining valuable materials such as carbon, fluorides, and other inorganic compounds. Thermal treatment would occur between Shed 5 and Shed 6;
- Product preparation: The product plant would involve drying and grinding treated SPL to suit product specification. Product plant elements would be located between the two existing buildings;
- Containment of materials: SPL would continue to be contained in Shed 5. Treated product would be stored in Shed 6; and
- Daily truck movement to and from the site for unloading SPL material for treatment and loading for delivery and distribution of treated products via road trucks.

A site layout of the Project (as modified) is shown in Figure 2.

To reach the target capacity of 60,000tpa it is proposed to operate an optimised configuration utilising the thermal treatment process elements of both the originally proposed project and an additional thermal treatment plant. The proposed Project would also provide an optimised product inventory based on market demand, removing the need for a blending plant (as originally proposed).

The modifications proposed as part of the modified Project would require capital investment of up to $15 million.

All of the materials preparation, SPL crushing, sizing, and storage facilities, would be located within Shed 5. No modification to existing SPL material preparation practices is proposed as result of this modification. SPL processing and product plant elements would be located between Shed 5 and Shed 6 as proposed in the original Project approval. The construction and operation of plant elements remains consistent with the process described in the 2009 EA.

The physical presentation of the Project elements remain consistent with the scale of the originally proposed development which was described in the 2009 EA:

- *Each of the sheds are 11 metres in height and have a floor area of 2,750 m^2. Each is constructed of steel, has aluminium sheet metal walls, roof cladding, and floors of steel reinforced concrete. The north and south walls of the sheds are fitted with louvre type ventilation panels. There are two doorways per shed.*
- *The proposed new treatment plant facility would be approximately 30m above ground level (at maximum stack height).*

Therefore the increase in throughput would result in a different operating configuration to that anticipated in the 2009 EA whilst retaining the physical size and scale of the originally approved Project.

2.1.1 Summary of Modifications

The proposed modifications retain the general physical scale of the previously approved plant configuration. A summary overview of the proposed physical modifications compared to the originally proposed Project is provided below:

Table 1 Process Plant Comparison

Current Approved Plant	Proposed Plant Modifications
SPL Preparation Plant in Shed 5	The internal layout would remain consistent with the existing approval. Modification is not required.
20,000 tonnes per year Thermal Treatment Plant	The existing 20,000 tpa Thermal Treatment Plant would be retained and an additional 40,000 tpa Thermal Treatment Plant installed to reach the target processing rate of 60,000tpa.
Blending, drying and grinding equipment, grinding feed bin and four large product bins integrated in the Grinding and Blending Plant	The proposed modifications would result in a reduction in size with: • no Blending Plant • A separate Drying Plant and • Fine grinding Plant with feed bin • A single product bin
The thermal treatment plant and product plant would be located between Shed 5 and Shed 6.	The thermal treatment plant and product plant elements would remain between Shed 5 & 6.
A single stormwater catchment system	Additional stormwater catchment systems are proposed, providing opportunities for improved stormwater capture and control. An existing area of semi-permeable hardstand would be sealed to divert surface water flows to stormwater.

A summary overview of the proposed change in activities compared to the originally proposed Project is provided below:

Table 2 Activities Comparison

Current Approved Activities	Proposed Activities
Receive SPL in Shed 5	These activities would continue in accordance with the existing approval. Transport routes and access arrangements would remain unchanged.
Export treated product from Shed 6	
An estimated 30 truck movements per week would be generated by the activity.	An estimated 90 additional truck movements would be generated per week by the increase to 60,000tpa. Potential traffic impacts have been considered in **Section 7**.
Material Preparation of SPL in Shed 5	These activities would continue in accordance with the existing approval. The environmental controls identified in the 2009 EA would remain in place.

Current Approved Activities	Proposed Activities
Thermal treatment of SPL in courtyard between Shed 5 and Shed 6	No change in the currently approved thermal treatment process. An additional 40ktpa Thermal Treatment Plant would operate replicating existing processes. The operation of an additional thermal treatment plant would result in changes in air emissions which has been considered in **Section 7**.
Product preparation and feeding to Grinding and Blending plant from Shed 6	No change in activity. The environmental controls identified in the 2009 EA would remain in place.

Construction activities would be of a similar nature, scale and duration as those originally assessed in the 2009 EA. There would not be a substantial change in the quantities of SPL materials or treated product material contained on site to achieve the proposed processing rate of 60,000tpa. A conceptual site layout is provided in Figure 2.

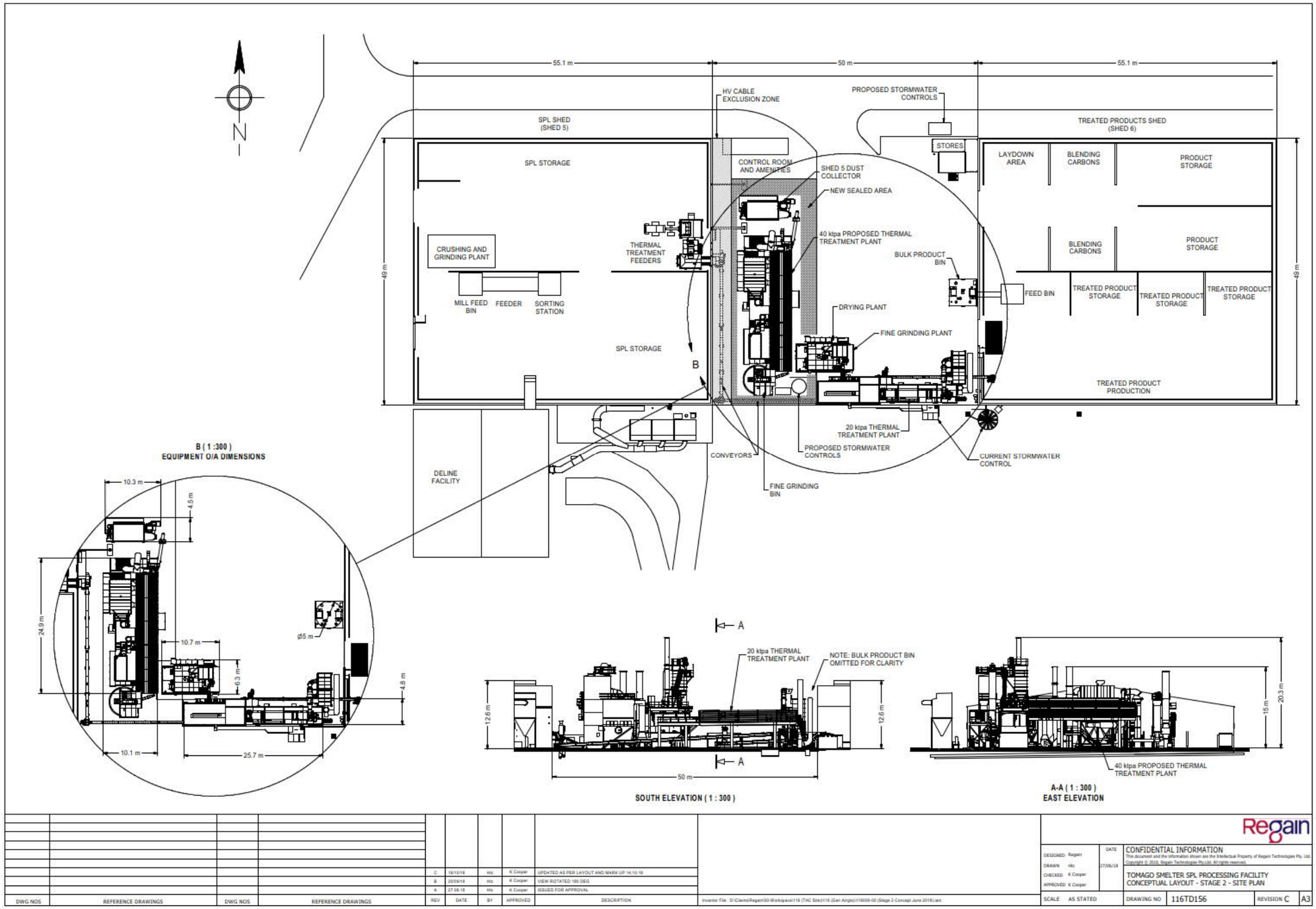

Figure 2 Conceptual Site Layout

2.2 Modified Plant Inventory

The original Project description provided in the 2009 EA described the plant required to enable the processing of SPL, including:

- 1 x Heat treatment plant;
- 1 x Blending/Product plant (incorporating drying, grinding and blending equipment); and
- Materials preparation plant including sheds, a primary crushing and coarse grinding plant.

Existing plant constructed to date operates in general accordance with the Project description provided in the 2009 EA which stated that:

- *"The heat treatment plant (which would include a rotary kiln and water reaction mixer) and product plant (where grinding and blending, drying, final product crushing and storage would be undertaken) would be located between Shed 5 and Shed 6.";* and
- *"Plant associated with the existing demonstration plant, including conveyors, crushing, grinding and sizing equipment, raw material and product bins, etc., may be retained and utilised in the proposed project."*

Opportunities have been identified to enhance the operational efficiency of the existing facility through a modified plant inventory. These modifications retain the general scale of the previously approved plant configuration. For clarity a description of each plant element required to support operation of the modified Project is provided below.

2.2.1 Thermal Treatment Plant

To reach the target capacity of 60,000tpa it is proposed to operate an optimised configuration utilising both thermal treatment process elements originally proposed as part of the 2009 EA and an additional thermal treatment plant.

Once commissioned the facility would operate two thermal treatment plants, one with a nominal capacity of 20,000tpa and another thermal treatment plant with a nominal capacity of 40,000tpa. Combined these thermal treatment plants would allow for the processing and subsequent recycling of up to 60,000tpa of SPL.

Each thermal treatment plant would comprise of a rotary kiln and water reaction mixer and would have independent emission points and dust filter units to filter emissions. The addition of a second thermal treatment plant would therefore require an additional emission point to that envisaged in the 2009 EA. It is anticipated that each thermal treatment plant would be approximately 15m tall (including stack heights). Therefore the scale is substantially reduced compared to the originally approved Project which considered that the new treatment plant facility would be approximately 30m above ground level.

Therefore the modification would result in a different operating configuration to that anticipated in the 2009 EA whilst retaining the general physical size and scale of the originally approved Project.

2.2.2 Drying Plant

Treated material would be conveyed to a rotary dryer prior to further product processing. The drying plant would form an independent plant element and its construction and operation is broadly consistent with the process described in the 2009 EA.

The 2009 EA envisaged that drying and blending of materials would be a combined process. The drying plant would operate independently but does not require an additional emission point when compared to the 2009 EA.

2.2.3 Fine Grinding Feed Bin

A fine grinding feed bin approximately 15m in height would allow for the interim storage and transfer of approximately 140 tonnes of treated SPL for fine grinding. The construction and operation of a product feed bin is consistent with the process described in the 2009 EA.

2.2.4 Fine Grinding Plant

It is proposed that a fine grinding plant would be installed with updated technology from that envisaged in the 2009 EA. The main equipment item in the fine grinding plant is a ball mill which is a rotating drum that contains a large number of steel balls. With rotation of the drum, these balls break down treated SPL material to produce a fine product. The equipment is maintained under a negative pressure by a ventilation extraction system which draws air from within the drum. This air subsequently undergoes filtration through a baghouse prior to release to atmosphere.

The proposed fine grinding plant would introduce an additional emission point for the facility when compared to the 2009 EA. The fine grinding plant would be constructed to an approximate height of 21m (including stack height).

2.2.5 Bulk Product Bin

A bulk product bin approximately 15m in height would be used for interim storage of products prior to shipment. The bin would have a nominal 200 tonne capacity and allow loading of trucks by enclosed conveyor. The operation of a product bin is consistent with the process described in the 2009 EA.

2.2.6 Shed 5 Dust Collector

A dedicated dust collection point would be employed for Shed 5 (SPL preparation areas). The construction and operation of a dedicated dust collector for this purpose is consistent with the 2009 EA.

2.2.7 Stormwater Controls

Additional stormwater capture, storage and reuse devices would be installed to improve existing site stormwater control and improve water use efficiencies. This would include stormwater collection points, rainwater tanks, pumps and piping to allow for the capture of stormwater and reuse in the treatment of SPL (see **Figure 3** and **Appendix L**). Some existing gravelled areas would be sealed as shown in **Figure 2**.

The hard stand at the SPL process plant and truck loading areas (in the southern section of the area between Shed 5 and Shed 6, see **Figure 3**)would be bunded to prevent potential spills of SPL or treated product being released to nearby drains and stormwater run-off channels. Stormwater captured from these areas would be reused in site processes consistent with existing operations. Stormwater would be reused in site processes in three ways:

(a) as part of a chemical reaction during the SPL treatment process;

(b) emitted as water vapour through evaporation; or

(c) contained within the products of the SPL Recycling Facility.

There would be no process water discharged from the site as a result of the Project.

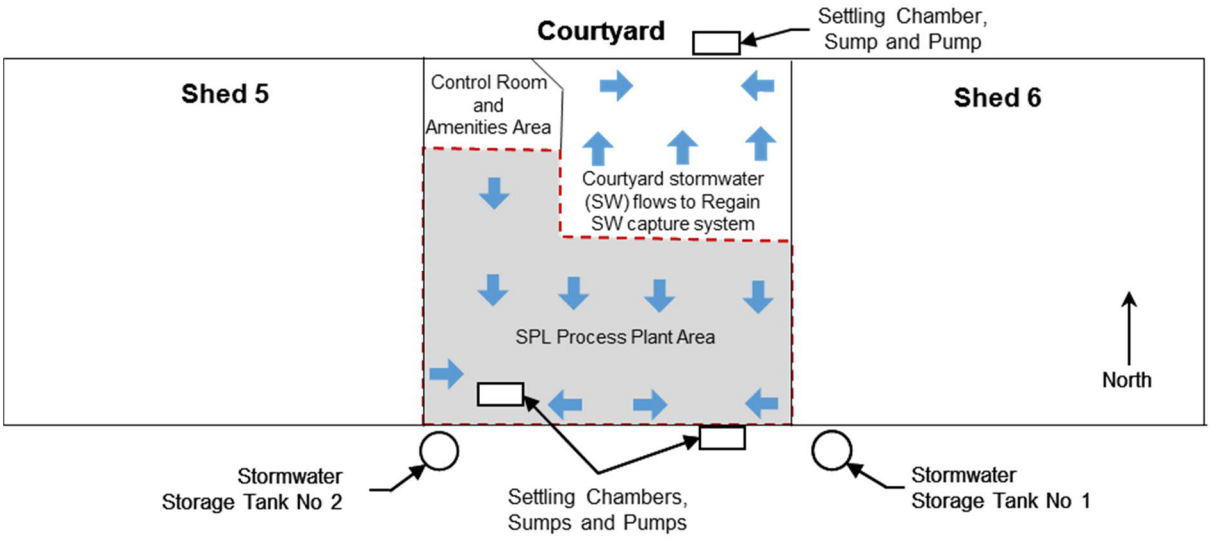

Figure 3 Conceptual Stormwater Layout

A first flush capture system would collect water from the north and south side of the courtyard between Shed 5 and Shed 6 (see **Figure 3**). The catchment of this area is around 2,500m^2 and remains unmodified. The stormwater design for this area has considered this catchment area and potential rain volumes during storm events in accordance with Port Stephens Council Stormwater Drainage Handbook. The design allows for runoff to be captured during a 1 in 1 year storm event. A services plan is provided in Appendix L.

Stormwater recovery plant consisting of collection sumps and pumps, storage tanks and pressure pumps to allow collection, storage and re-use of stormwater in the SPL Reprocessing facility. Water captured in the storage tanks would be reused in site processes consistent with existing operations. Recovered water is used as process water in the Thermal Treatment Plant.

The sumps would incorporate screens to capture debris and settling chambers to allow for periodic recovery of any sediment. Sump pumps would be activated by float switch as water levels rise, allowing for water recovery during a rainfall event. Storage tanks would include high-level switches to prevent any overflow. Each storage tank would include 2mm aperture mesh screen to collect any finer materials. Mesh screening would also act to prevent ingress of mosquitos and breeding.

In the event that the storage tank(s) reach capacity during a rainfall event, any additional stormwater is considered to have a low potential for contaminants (as potential contaminants would generally be mobilised in the initial first flush stormwater flows) and would therefore be discharged to the existing Tomago Aluminium stormwater management system.

Surface pits provide the entry points for stormwater into the Tomago stormwater (SW) system. The additional courtyard stormwater would enter surface pits located on the north and south sides of the courtyard. Rainwater from the building roof areas of Shed 5 and Shed 6 is directed to the Tomago SW system via down pipes.

SPL storage, crushing, sizing and grinding and storage would take place within covered sheds. Any water used in the SPL treatment process is contained in product. Under normal operations there is no leachate from the product.

In the unlikely event of water escaping from the product, Shed 5 and Shed 6 would utilise the internal collection drainage systems and storage tanks designed for the containment and management of any leachate.

2.2.8 Ancillary Components

Ancillary components would include structural supports, access gantries, electrical, gas and mechanical works required to support construction and operation of each plant element. Minor modifications would be required to plant elements on site to integrate updated plant elements.

An enclosed network of conveyors would be employed to enable the safe and efficient transfer of untreated SPL and treated SPL products between various plant elements and Shed 5 & 6.

Plant associated with existing thermal treatment of SPL, including conveyors, crushing, grinding and sizing equipment, raw material and product bins, etc., may be retained and utilised in the proposed Project.

2.3 SPL Treatment Process

The Project employs the same SPL treatment and handling methods as originally proposed but uses an optimised process configuration. A summary of the configuration is presented in **Figure 4** and key stages in the treatment process are presented in **Figure 5**. The SPL treatment process is discussed in further detail below and additional information is provided in **Appendix G.**

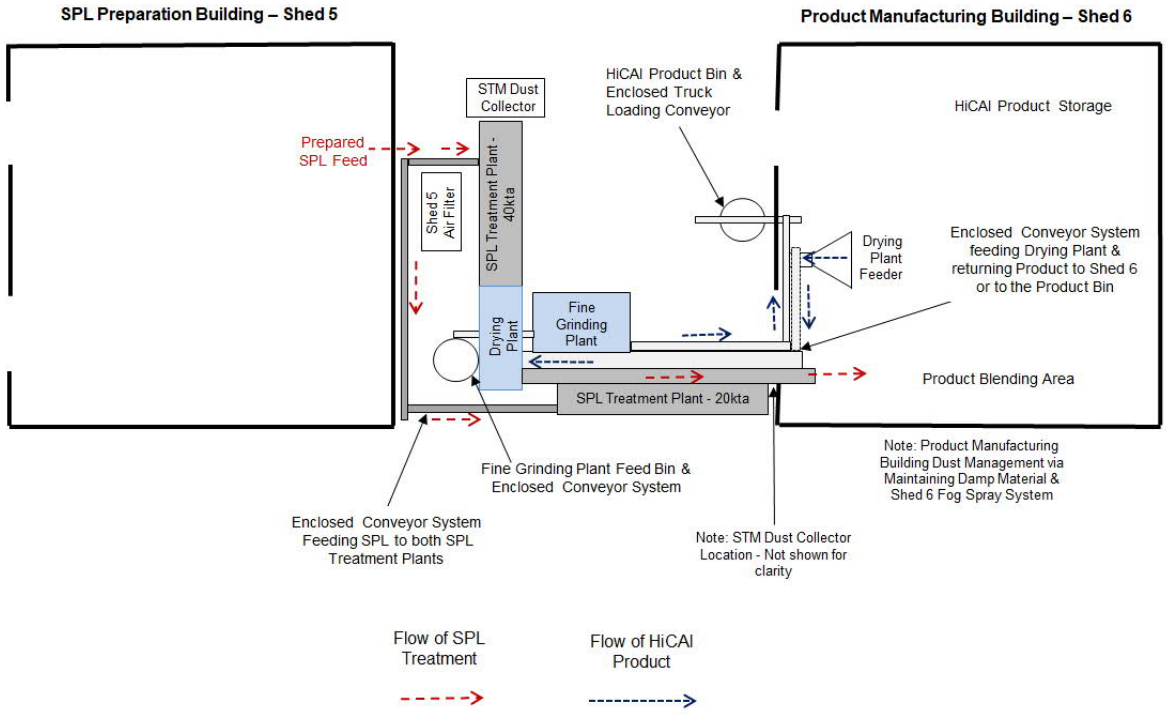

Figure 4 Conceptual Material Flow Diagram

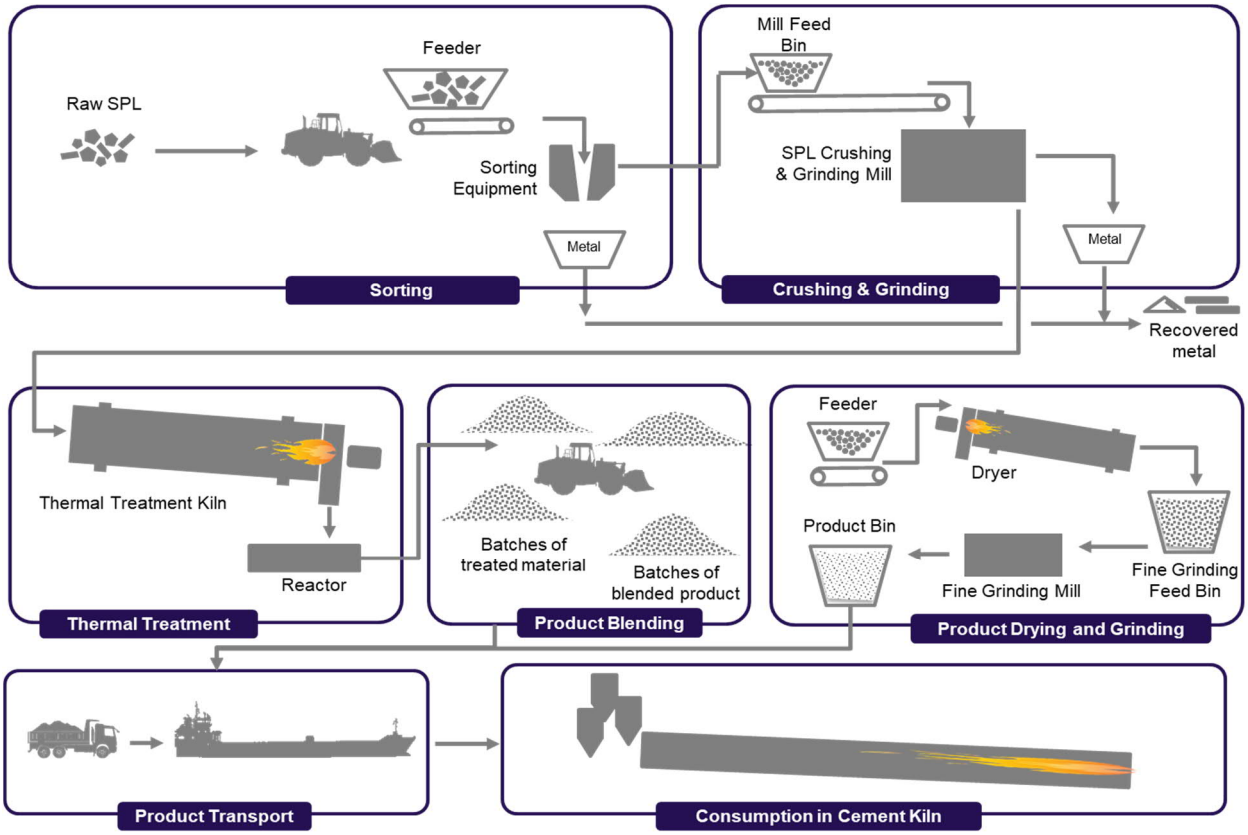

Figure 5 Material Process Stages and Equipment

2.3.1 SPL Materials Preparation

As currently occurs, pots would be taken to the existing smelter Deline facility, where the SPL is removed from the pots. The SPL material would then be transferred to Shed 5 by conveyor and retained within the Shed prior to and during preparation.

SPL material would continue to be imported from offsite facilities. Unloading practices would remain consistent with those described in the 2009 EA with trucks entering Shed 5 to be unloaded within an enclosed environment.

Untreated SPL would continue to be contained within Shed 5. Preparation and handling practices within Shed 5 would remain generally consistent with the processes described in the 2009 EA.

Material handling in Shed 5 would generally be by front end loader and excavator. The SPL would be sorted and large lumps would be broken up. The SPL would then be fed into the SPL crushing system. The crushed SPL would be transferred to stockpiles in Shed 5.

2.3.2 Thermal Treatment of SPL

Prepared material would be recovered from stockpiles in Shed 5 and fed via enclosed conveyor to either the 20ktpa or 40ktpa rotary kiln and treated through a process of high temperature thermal oxidation. Temperatures would be maintained below 850^{o}C to prevent the liberation of fluoride from the SPL. Air would be drawn into the kilns via an induction fan to facilitate combustion. Combustion products would pass to the baghouse prior to discharge to atmosphere, with collected particulate matter fed back into the product manufacturing plant.

Heated SPL would then be transferred to the water reaction mixer where it would emit flammable gases (primarily ammonia, hydrogen, methane and acetylene). The gases produced would be returned to the kiln as fuel and thermally destroyed. The processed SPL would then be free of the hazardous compounds, cyanide and flammable gases, and no longer classified as a waste material.

The thermal treatment process would allow for processing of both carbon (first-cut) and refractory (second-cut) SPL.

The thermal treatment plants are designed to operate with 80% uptime at a maximum throughput rate of 9 tonnes per hour. Maximum daily throughput would be 216 tonnes based on 100% uptime through the day. Maximum weekly throughput would be 1,500 tonnes based on 100% uptime for the week. Maximum annual throughput of waste material would be 60,000 tonnes. There are no solid or liquid residues from the process. Up to 500 tonnes of aluminium metal and steel would be recovered from the 60,000 tonnes of waste material. The metals are traded through the secondary metals industry.

2.3.3 Product Preparation

Products would be stored in Shed 6 or the product bin depending on product specification. Where required product preparation would occur in the proposed drying plant and fine grinding plant to achieve the characteristics required to meet product specifications.

Material would be conveyed to a rotary dryer via enclosed conveyors. The dried product would then be transferred to a product feed bin using a bucket elevator, and finally to the fine grinding plant where it would be milled to produce homogenous sizing. Following milling, the product would be passed to the product bin via an enclosed conveyor.

Products not processed through drying plant and fine grinding plant would be dispatched in the coarse grade and loaded into bulk road trucks.

2.3.4 Transfer of Product Material to Road Transport

The quantity of treated SPL produced at the site would determine the number of transport vehicles required to deliver the treated SPL to markets. It is conservatively estimated that the proposed Project (as modified) would result in some 90 additional truck movements per week to transport materials to and from the site. These estimates consider variability in truck size and existing batching practices. Total truck movements for the facility are conservatively estimated to increase to 120 truck movements per week based on an expected increase in production to 60,000 tpa.

Trucks accessing the SPL facility would enter the site from the smelter's heavy vehicle entrance on Old Punt Road. Loading would occur externally within the bunded hard stand area adjacent to Shed 5 and Shed 6. There are adequate turning circles and access points for the trucks to service this area.

Trucks would be loaded (externally) between Shed 5 & 6 with bulk product material by enclosed conveyor or front end loader. Fugitive dust would be managed by maintaining the moisture content of the product. Appropriate environmental controls would be employed to ensure that the potential for dust generation is minimised. Trucks would be fitted with covers before leaving the loading area.

2.4 Environmental Controls

The site operates in accordance with the existing Regain Management System which is an integrated management system that covers all aspects of current operations with a focus on:

- Health and Safety;
- Environmental management;
- Quality; and
- Risk management.

Reference standards for the Regain Management System are:

- The International health and safety system standard OHSAS 18001;
- AS/NZ 4801 Occupational Health & Safety Management Systems;
- ISO 14001 Environmental Standards; and
- ISO 9000 Quality Standards.

This integrated management system provides a system of communication and control built on International Standards Organisation (ISO) quality principles and incorporates a process of continuous improvement.

The following environmental controls would remain in place for the Project:

- SPL Handling and Preparation – SPL materials preparation activities would be undertaken within Shed 5 which is fitted with roller shutter doors and dedicated dust extraction.
- Enclosed External Plant – External plant would be enclosed such that there would be no open material transfer points. Plant would be maintained under slightly negative atmospheric pressure to prevent the escape of fugitive dust.
- Dust Extraction – The process circuit and key plant elements would use dust extraction to prevent the escape of fugitive dust. Each dust extractor would be fitted with a filter bag unit to remove the dust from the extracted air streams. Collected particulate matter would be returned to the production cycle.
- Alarms & Shut Down - The building dust extraction system, including filter bags, would be fitted with a visual and audible alarm system that would sound within the plant buildings to immediately shut down plant operations in the event that the dust extraction failed.
- Baghouse Temperature Monitoring – Alarm systems would be triggered by temperature probes installed in baghouses servicing the 20ktpa and 40ktpa thermal treatment plants that would alarm and shut down the plant if the inlet temperature to the baghouses exceeded 130^{o}C.
- Bunded Materials Transfer Areas - Areas where trucks are to be loaded or unloaded would be bunded to prevent potential SPL or product spills being released to nearby drains and stormwater run-off channels.
- Stormwater Controls - Originally proposed stormwater controls would be improved through the additional first flush systems. Consequently rain falling within the bunded courtyard areas would be directed to dedicated first flush settling chambers and sumps maintained on the Regain site. Rain falling outside the bunded courtyard area would be directed to the existing Tomago Aluminium site first flush pond. This pond allows stormwater to be collected and assessed prior to release off-site.
- Rotary Kiln Temperature Control and Safety Design - The key process control for the rotary kilns would be temperature control via the burner management system. The product temperature in the kilns would be monitored in real time. Burner management controls would maintain the required temperature. Independent High/Low temperature monitoring and alarms would be installed on the system. The rotary kiln would also be fitted with blast panels to ensure that, in the unlikely event of explosion, damage to the kiln shell would be minimised.
- Burner Management - The plant would be fitted with burners including control valves and flame detectors. In the event of a “flame-out”, the flame detector would activate and the gas control valve would close.
- Product Handling – Product stored in Shed 6 would be maintained in a moist state using fine water sprays periodically to minimise the potential for dust generation.

Dust collectors would be sized to effectively capture fugitive emissions. Indicative specifications for the pollution control equipment proposed is provided in **Table 3**.

Table 3 Dust Collectors – Indicative Capacity and Technical Information

Description	Process Rate m^3 per hour	Temperature Sensor	Particulate Sensor	Polyester Filter Bags
Shed 5 Dust Collector	47,000	NA	Standard particulate sensor is Goyen EMP7 – 3200 Particulate Emission Monitor or equivalent.	Oleophobic Treated
20ktpa Thermal Treatment Plant Dust Collector	35,850	Temperature Controls Pty Ltd Type K Thermocouple		Standard
40ktpa Thermal Treatment Plant Dust Collector	50,000	Manufacturer to be determined.		Standard
Drying Plant Dust Collector	50,000			Standard
Fine Grinding Plant Dust Collector	15,000	NA		Oleophobic Treated

2.4.1 Site Experience and Improvements

Two significant improvements and learnings from current operations that would be applied are as follows:

1. Progressive improvement of crushing technology for SPL preparation in Shed 5 has seen migration from more traditional industrial crushing and grinding equipment to more innovative equipment with automated electronic controls which:
   - Further reduces any potential for operator exposure to SPL with personnel operating the crushing and grinding stages from within an air-filtered cabin via automated control interfaces.
   - Reduces the variety of crushing, grinding and materials handling equipment required in Shed 5 with fewer points of potential dust emission.
2. Collaboration with the cement industry has established that significant environmental and economic gains can be achieved from the sodium fluoride compounds available from SPL within a rationalised product inventory. This has eliminated the need for a blending plant, thereby substantially reducing the volume of blended material required as part of the product preparation process currently proposed.

The existing Regain Management System incorporates a process of continuous improvement and is regularly reviewed and updated when necessary based on the outcomes of routine plant inspections, process reviews and site audits.

2.5 Modification of Emission Points

An overview of the revised Project configuration is provided in **Table 4**.

Table 4 Overview of Revised Project Configuration

Project Configuration (2009 EA)	Revised Project Configuration (current Project)
Stack 1 - Thermal treatment plant dust collector (EPL Point 1)	Stack 1 – Thermal treatment plant dust collector (EPL Point 1)
	Stack 2 - Additional thermal treatment plant dust collector (New EPL Point)
Stack 2 Drying and blending plant dust collector (EPL Point 2)	Stack 3 – Drying plant (EPL Point 2)
	Stack 4 – Fine Grinding Stack (New EPL Point)
Stack 3 - Shed 5 air filter (EPL Point 3)	Stack 5 - Shed 5 air filter (EPL Point 3)

The potential environmental impacts associated with the introduction of additional emission points have been assessed and are discussed in **Section 7.0** of this EA.

The Project would require a variation to EPL 13269 to provide for the addition of two emission points.

2.6 Modified Plant layout

The proposed site layout differs from that shown in the original site layout plan as presented in the 2009 EA (Figure 7 Proposed Facilities – SPL Treatment). The proposed layout has been adopted to recognise product handling efficiencies.

Condition 2 of Project Approval 06_0050 requires that the Proponent carries out the Project in general accordance with the site plan. A modified site plan for the Project (as modified) is shown in Figure 2 and Appendix L**.**

The Project would require a variation to EPL 13269 to provide for a revised site layout.

2.7 Modified Product Inventory

Regain currently manufacture four "HiCAl" products in the SPL Treatment process. HiCAl products are designed for use as fluxes[1] and mineralisers[2] in cement manufacture. Benefits include higher alite (or C_3S) levels in cement clinker along with economic and environmental gain from reduced energy requirements and reduced greenhouse gas emission.

Features and Benefits of HiCAl Products are the products are rich in fluorine, sodium, carbon and alumina. Under suitable process conditions, fluoride added to the cement making process accelerates the rate of alite formation and causes more alite to form in the cement clinker at a lower temperature. The product name for HiCAl is a made up word which means "higher clinker alite". The carbon in HiCAl provides heat energy when put into the cement clinker process. Sodium may add to the quality of the clinker and strength of cement when raw materials are deficient in sodium and, also, positively affecting the sulphur/alkali ratio when burning high sulphur fuels.

The current HiCAl products are as follows:

- HiCAl 30 Mineralising Carbon;
- HiCAl 40 Mineralising Carbon;
- HiCAl-R Clinker Mineraliser; and
- HiCAl-S Clinker Mineraliser.

HiCAl products are not classified as Dangerous Goods. Safety Data Sheets (SDS) and a HiCAl Products Portfolio Technical Document have been prepared and are included as **Appendix G**

The product inventory would be updated as new products are established and as market needs develop. These products would be subject to the same rigorous processes of specification, quality control and hazard management in accordance with relevant regulation as the HiCAl products are currently.

2.8 Site Access

Site access would remain as described in the 2009 EA with heavy vehicles accessing the site via the north gate entrance from Old Punt Road and passenger or employee vehicles accessing the Tomago Aluminium car park from Tomago Road.

[1] A flux is a substance that lowers the temperature at which solid materials enter a liquid phase and/or increases the quantity of liquid at a given temperature.
[2] A mineraliser is a substance that accelerates reaction rates promotes the formation of desired materials in the liquid phase of cement clinker or similar materials. This results in a higher quality product with less residence time and less energy for processes such as cement making.

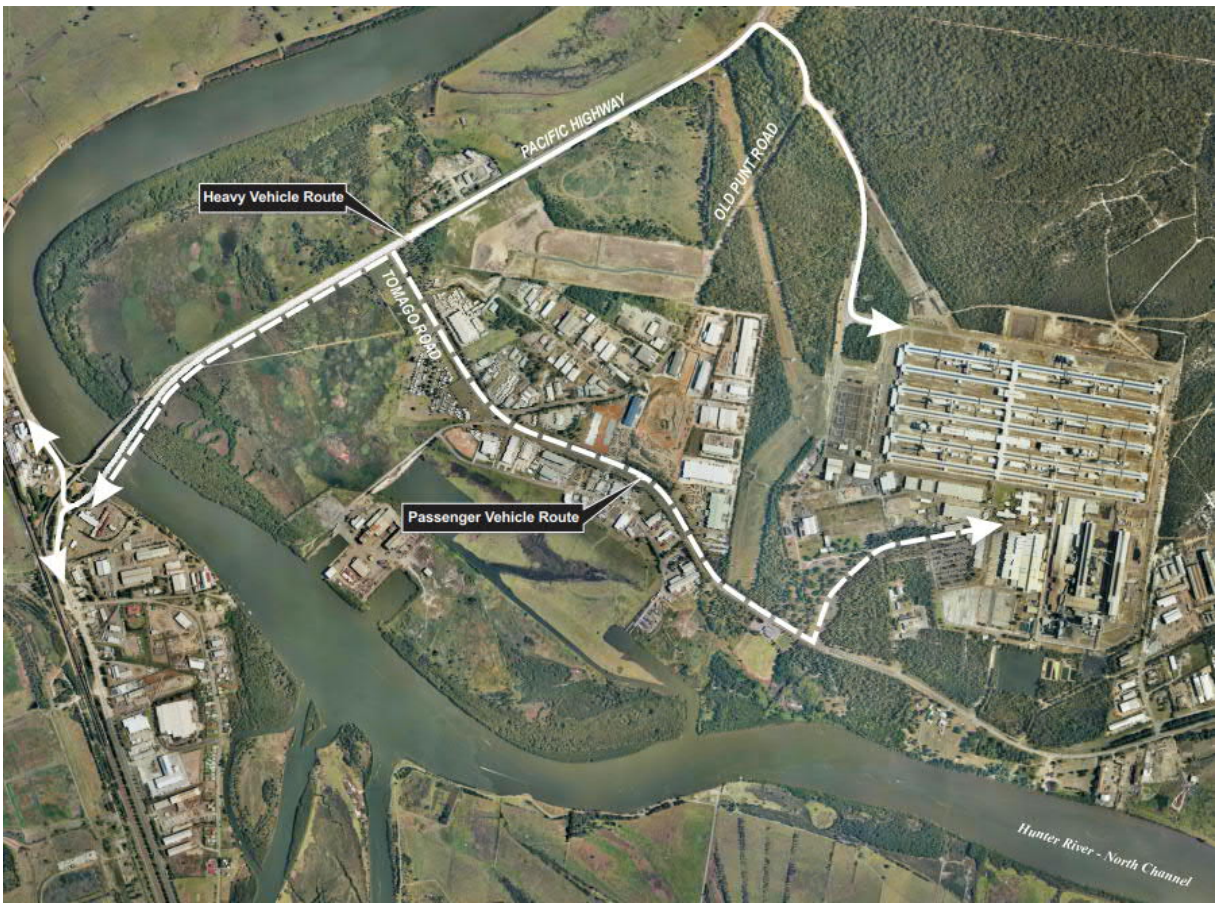

Figure 6 Proposed Traffic Route

2.9 Hours of Operation

Under the existing development consent, the facility is approved for operations 24 hours per day 7 days a week. No change to the existing operating hours or truck movement times is required for the Project.

2.10 Workforce

The current workforce at the Facility is composed of approximately eight personnel. This existing workforce is not expected to change for the operation of the modified Project.

2.11 Project Staging

Construction

It is anticipated that construction would commence following approval of the Project (as modified) and be undertaken on a campaign basis to allow for individual plant elements to be integrated with existing operations whilst minimising disruption. Where applicable, environmental risks associated with a campaign construction approach have been considered within **Section 7.0**.

The construction stages are identified as follows:

- Stage 1 – Construction, commissioning and integration of thermal treatment plant elements, stormwater controls and ancillary components required to facilitate an increase in production to 60,000 tpa.
- Stage 2 – Bulk product plant handling elements including the drying plant, fine grinding feed bin, fine grinding plant and bulk product bin.

Each stage would have an estimated construction period of eight to ten months in total duration.

Operations

During operation, it is likely that production levels would 'ramp up' in stages. Production would increase incrementally over a period of time dependent on the needs of the Aluminium Smelters and market requirements. The level of production would be largely influenced by external circumstances relating to market demand.

2.12 Construction of the Project

Construction activities would be generally similar to those described in the 2009 EA. Construction would be undertaken during daylight hours only.

The majority of the fabrication, assembly and pre-commissioning of the plant would occur off-site. On site works would include:

- Site establishment;
- Minor excavation and earthworks for construction of concrete slabs and foundations;
- Delivery of plant modules to site and installation using mobile cranes, elevated work platforms and other construction equipment such as welding machines, grinders and oxy cutters; and
- Installation of bulk storage bins.

During the construction of the proposed Project, twelve over-dimension and 35 standard semi-trailer deliveries are anticipated to access the site during the eight to ten month construction period.

2.13 Interaction with Existing Operations

The Facility would continue to recycle SPL into non-hazardous waste or useable products, consistent with Project Approval 06_0050, and the process to treat SPL would be generally consistent with the process outlined in the 2009 EA. The grinding and blending process outlined in the 2009 EA would be amended for the operation of the proposed fine grinding plant.

The fine grinding plant would be associated with an additional emissions point and additional stack for the Project. The potential environmental impacts of the Project have been assessed in **Section 7.0**. This includes the cumulative impacts of the Project and its interaction with existing operations, approved and proposed operations in the vicinity of the site.

2.14 Modification of Conditions

Project Approval 06_0050 was granted on 7 August 2009. A copy of the existing Project Approval 06_0050 (as modified) is attached at **Appendix B**.

Modification of Project Approval 06_0050 would be required to enable increased production at the Facility as described below and **Table 5**. Where proposed amendments are shown deletions are indicated by ~~strikethrough~~ and additions in **bold**.

The definitions (page 1) would be required to be modified to include the title of this environmental assessment (*Environmental Assessment – Capacity Increase at Spent Potliner Facility, Tomago NSW,* dated 31/08/2018, and prepared by AECOM).

Condition 2 of Project Approval 06_0050 requires that the Proponent carries out the Project in general accordance with the site plan. A modified site plan for the current project is shown in Figure 2 and would need to be included as Appendix A to Project Approval 06_0050.

Table 5 Proposed Modification of Conditions

Reference	Proposed Modification
The definition of Site as defined by Schedule 1 Land	~~Lots 15 and 16 in DP 258020, Tomago Road, Tomago~~ **Lot 3 in DP 808004, Tomago Road, Tomago**[1]
Definitions	Environmental Assessment titled "Construction and Operation of a Spent Potliner Processing Facility, Tomago", dated 1 May 2009 and prepared by ENSR Australia Pty Ltd **and 'Environmental Assessment Capacity Increase at Spent Potliner Facility, Tomago NSW, dated 31/08/2018, and prepared by AECOM.**
Condition 2, Schedule 2	The Proponent shall carry out the project generally in accordance with the: a. EA; b. **The modified** site plan in **Appendix A**; c. Statement of commitments; and d. Conditions of this approval
Condition 5, Schedule 2	The Proponent shall not process more than a total of ~~20,000~~ **60,000** tonnes per annum (tpa) of SPL waste classified as hazardous or restricted solid waste.
Condition 19, Schedule 3	Within nine months of the commencement of operations, the Proponent shall prepare and submit an Air Quality Verification Report to the satisfaction of the Director-General and the ~~DECC~~**EPA**. The Air Quality Verification Report shall include: i. Monitoring data required by the EPL; ii. Copies of all analytical test reports for all substances sampled and tested; iii. Comparison of monitoring results with the predictions outlined in the EA and with any limits or conditions in the EPL; and iv. If necessary, additional measures that would be implemented to comply with the requirements of the EPL.

[1] As a result of a previous sub-division the title details of the site have changed.

3.0 Need for the Project

3.1 Continued Reuse Services

Processing of SPL not only fully recycles a waste product by removing it from the waste stream, but also generates end-products that provide energy savings and reduces the consumption of primary fuel in the brick and cement industries.

SPL wastes from aluminium smelters have historically been stockpiled on site at smelters and/or exported overseas for treatment. While storage of SPL wastes in suitable onsite sheds is acceptable in the short term, long term stockpiling of this hazardous waste is not considered appropriate where it poses ongoing potential risks.

A report prepared by Randell Environmental Consulting (REC) on behalf of the Commonwealth Department of the Environment and Energy (DoEE) investigated the feasibility of an agreement-based approach to clearing stockpiles of SPL (REC, 2016). The report noted that a significant SPL stockpile had accumulated in Australia with a total of around 700,000 tonnes of SPL in storages around Australia. Furthermore, REC (2016) estimated that Australia is currently generating about 36,000 tonnes of SPL per annum.

The Project would provide for an increase in processing capacity at the existing Facility to 60,000tpa. This provides the opportunity to assist in the processing of SPL wastes currently being stockpiled throughout Australia, thereby decreasing the time taken to draw down these significant stockpiles.

3.2 Operational Efficiency

The Facility cannot be operated at its optimal capacity with the existing production limit of 20,000tpa. Operating the Facility at a sub-optimal capacity results in increased energy requirements and operational costs associated with plant shut-down and start-up processes. An increased production limit is required at the Facility to reduce the frequency of plant shut-down and start-up processes and realise the benefits of reduced energy requirements and operational costs.

Opportunities to increase the operational efficiency of the Facility have also been identified for the amendment of the existing site layout and for modifications to existing key plant components associated with the development of new blending/product plant technology. The updated technology would result in improved operational performance when compared to the facility proposed in the 2009 EA.

3.3 Alternatives Considered

The ‘do nothing’ option would involve operating the facility in accordance with the existing Project Approval 06_0050. This would mean that identified operational efficiencies would not be achieved, and Regain may be unable to meet market demand or assist in the drawdown of Australia’s significant SPL stockpiles due to current operational production limits. Without a sustainable recycling solution SPL would continue to be stockpiled and/or transported overseas for processing.

Alternative options to increasing the processing capacity of SPL at the Regain site would include construction of a new facility at a different location. However the existing Facility is already established and experienced with processing SPL wastes and is located within the Tomago Aluminium smelter site improving material handling efficiencies. The potential environmental impacts associated with construction of a new facility at a different location makes this option less favourable in comparison to the current Project.

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4.0 Statutory Planning

4.1 Overview

This section identifies the legislative requirements and planning controls relevant to the Project and outlines the key policy and statutory considerations that would be addressed in more detail in the Environmental Assessment.

4.2 Commonwealth Matters

4.2.1 Environment Protection and Biodiversity Conservation Act 1999

Actions that may significantly affect matters of national environmental significance (NES) require assessment and /or approval from the Commonwealth Department of Environment and Energy under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act). The EPBC Act lists nine matters of NES that must be addressed when assessing the environmental impacts of a proposal.

A Protected Matters Search of NES Matters within a 10km radius of the Facility was undertaken on 22 June 2018 to determine what NES features may be present in the vicinity. The results of the search are provided at **Appendix C** and summarised in **Table 6**.

Table 6 Consideration of Matters of National Environmental Significance under the EPBC Act

NES Matters	Comment
Australia's World Heritage properties	There are no World Heritage properties within 10 km of the Facility.
National Heritage Places	There are no National Heritage places within 10 km of the Facility.
Ramsar wetlands of international importance	There is one Ramsar wetland of international importance within 10 km of the Facility. The Hunter Estuary Wetlands Ramsar site is comprised of two components: Kooragang (which covers 2,926 ha) and Hunter Wetlands Centre Australia (which covers 42 ha). The Kooragang component is located in the estuary of the Hunter River, approximately 1.5 km southwest of the Facility. The Hunter Wetlands Centre Australia component is located 2.5 km from Kooragang (more than 5 km south of the Facility). An assessment of potential impacts on ecology associated with air emissions generated by the Project is provided in **Section 7.8**. The Project is unlikely to impact on this wetland system.
Nationally threatened species and ecological communities	There are four listed threatened ecological communities and 68 listed threatened species that may occur within 10 km of the Facility. An assessment of potential impacts on ecology associated with air emissions generated by the Project is provided in **Section 7.8**. The Project would be contained wholly within the existing industrial site for the Facility and is unlikely to impact on Commonwealth-listed threatened species or ecological communities.
Migratory species listed under the EPBC Act	There are 62 listed migratory species within 10 km of the Facility. An assessment of potential impacts on ecology associated with air emissions generated by the Project is provided in **Section 7.8**. The Project would be contained wholly within the existing industrial site for the Facility and is unlikely to impact on Commonwealth-listed migratory species or species protected under international agreements.
Commonwealth Marine areas	There are no Commonwealth Marine Areas within 10 km of the Facility.
Great Barrier Reef Marine Park	The Great Barrier Reef Marine Park is not located within 10 km of the Facility.

NES Matters	Comment
Nuclear actions, including uranium mining	The Project would not involve a nuclear action.
Water resources impacted on by a coal seam gas or large coal mining development	The Project would not involve coal seam gas or coal mining.

The proposed Project would not have a significant impact on matters of NES. Accordingly, a referral to the Commonwealth Department of Environment and Energy under the EPBC Act is not required.

4.3 State Matters

4.3.1 Environmental Planning and Assessment Act 1979 (EP&A Act)

Development in NSW is regulated by the EP&A Act. Environmental Planning Instruments are enacted under the EP&A Act, including State Environmental Planning Policies (SEPPs), which determine the permissibility of a Project and the environmental assessment pathway for the project.

The Facility currently operates under Project Approval 06_0050, issued under Part 3A of the EP&A Act. While Part 3A of the EP&A Act was repealed in 2011, transitional arrangements were set out in Schedule 6A of the EP&A Act which provided that Part 3A continued to apply to approved Part 3A projects, including modifications to Project Approvals under section 75W of the EP&A Act.

On 1 March 2018, amendments to the EP&A Act were enacted to remove these Part 3A transitional arrangements. The transitional arrangements that were previously contained within Schedule 6A of the EP&A Act were transferred to Schedule 2 of the *Environmental Planning and Assessment (Savings, Transitional and Other Provisions) Regulation 2017,* with additional provisions inserted regarding the removal of these transitional Part 3A arrangements including:

> **3BA Winding-up of transitional Part 3A modification provisions on cut-off date of 1 March 2018 and other provisions relating to modifications**
>
> 1. For the purposes of this clause, the *cut-off date* is 1 March 2018.
> 2. An approved project or a concept plan cannot be modified under section 75W on or after the cut-off date, except as provided by this clause.
> 3. Subclause (2) does not apply if the request to modify the approved project or concept plan under section 75W was lodged before the cut-off date. Accordingly, the provisions of this Schedule relating to a modification made pursuant to such a request continue to apply.
> 4. A request to modify an approved project or concept plan under section 75W that may be dealt with because of subclause (3) cannot be dealt with under section 75W if:
>
> a. the request has not been determined by 1 September 2018, and
>
> b. the Secretary is of the opinion that insufficient information has been provided to deal with the request and notifies the person who made the request that it will not be dealt with under section 75W.

Regain submitted a request to modify Project Approval 06_0050 on 18 August 2017 and the DP&E provided EARs for the modification on 20 December 2017. As this modification request was submitted prior to the cut-off date of 1 March 2018, the provisions of the former Part 3A continue to apply to this modification request.

The proposed Facility upgrade would therefore be undertaken as a modification to the existing approval (06_0050) under section 75W of Part 3A (repealed) of the EP&A Act. The approval authority is the Minister for Planning.

4.3.2 State Environmental Planning Policies

State Environmental Planning Policy (Coastal Management) 2018 (Coastal Management SEPP)

The Coastal Management SEPP promotes an integrated and co-ordinated approach to land use planning in the coastal zone. This policy applies to land within the coastal zone, including land identified as 'coastal wetlands' and 'proximity area for coastal wetlands' on the *Coastal Wetlands and Littoral Rainforests Area Map* and land identified as 'coastal environment area' on the *Coastal Environment Area Map*.

There are a number of coastal wetlands located in the vicinity of the Facility (approximately 700m south, 1.5km west and 4km east). The Facility is not located within the 'proximity area for coastal wetlands' associated with these coastal wetlands, and is not located within the coastal environment area as defined by the Coastal Management SEPP (approximately 200m south of the Facility).

Clause 10 (1) of the Coastal Management SEPP restricts activities that involve clearing of native vegetation, harming of marine vegetation, the carrying out of earthworks, construction of a levee, draining of land or environmental protection works, or any other development on land identified as 'coastal wetlands', except with development consent.

No construction activities would be undertaken within coastal wetlands or the coastal environment area. Given the distances of these coastal features from the Facility, the Project is not expected to have adverse indirect impacts on these areas and the provisions of the Coastal Management SEPP are not applicable.

State Environmental Planning Policy 33 – Hazardous and Offensive Development (SEPP 33)

SEPP 33 aims to ensure that the consent authority has sufficient information regarding a proposal to determine whether the development meets the criteria for hazardous or offensive development. Conditions to minimise or reduce adverse effects can then be imposed within the consent issued. SEPP 33 requires applications for potentially hazardous or offensive industry to be accompanied by a preliminary hazard screening.

A Preliminary Hazard Analysis (PHA) of the SPL Facility was previously undertaken (SKM, 2007) to assess the potential risks associated with the Facility. The PHA (SKM, 2007) concluded that, with the implementation of proposed safeguards, the risk of incidents with offsite impact is low.

A preliminary screening analysis was undertaken for the proposed modification, including a gap analysis against the existing PHA (SKM, 2007). These analyses concluded that the proposed modification to increase processing capacity would not result in a change to the existing risk profile of the SPL Facility (refer **Section 7.2**).

State Environmental Planning Policy 44 – Koala Habitat Protection (SEPP 44)

SEPP 44 aims to encourage the conservation and management of areas of natural vegetation that provide a habitat for koalas. SEPP 44 requires a plan of management for areas of more than one hectare that contain koala habitat for which a development application has been made to council. Although development consent from Council is not required for this proposed modification, the intent of this SEPP has been considered.

Port Stephens LGA is listed in Schedule 1 of SEPP 44, and Port Stephens Council has prepared a Comprehensive Koala Plan of Management which provides broad scale mapping koala habitat within the Port Stephens LGA. The mapping is designed as a trigger for further investigation through the development assessment process. The plan of management includes performance criteria and development standards to guide the assessment process for projects on land that contains preferred or supplementary koala habitat.

The Facility is located on an existing industrial site, which does not contain potential or core koala habitat. Land adjacent to the Project site, within the wider Tomago Aluminium smelter site, is mapped as containing Supplementary Koala Habitat. The proposed Project is unlikely to adversely affect koala habitat and the provisions of SEPP 44 are therefore not applicable. However potential impacts on ecological values due to gaseous fluoride emissions are considered in **Section 7.1**.

State Environmental Planning Policy 55 – Remediation of Land (SEPP 55)

SEPP 55 provides a state-wide planning control for the remediation of contaminated land to reduce the risk of harm to human health or other environmental systems. Clause 7 of SEPP 55 requires consideration of whether the land is contaminated and whether it is suitable (or can be made suitable) for proposed development. The Facility is not located on or adjacent to known contaminated lands.

The proposed modification would be located within or adjacent to existing buildings on the site. There is only minimal soil disturbance proposed for the installation of the fine grinding plant. The site is understood to be in a suitable condition for the proposed Project.

4.3.3 Protection of the Environment Operations Act 1979 (POEO Act)

The POEO Act provides a regulatory framework for the protection of the environment, and defines activities of a type and scale that are considered to be 'scheduled activities' and which require an Environmental Protection Licence (EPL).

The SPL Facility operates under EPL 13269, issued by the EPA under the POEO Act. The EPL covers the activities of resource recovery and waste storage. The EPL sets out the operational requirements for the Facility, including concentration limits for discharges to air, the types of wastes that may be received at the premises, and other monitoring and reporting conditions.

4.3.4 Environmentally Hazardous Chemicals Act 1985 (EHC Act)

The EHC Act controls the use and handling of specific chemicals and chemical wastes. The EPA regulates chemicals of environmental concern and can issue a Chemical Control Order (CCO) to regulate particular chemicals and / or chemical wastes.

A CCO in relation to aluminium smelter wastes containing fluoride and / or cyanide (which includes SPL) was issued on 21 March 1986. The CCO regulates activities associated with these wastes. Processing, storing, transporting and disposing of SPL is prohibited under the CCO, except when conducted in accordance with a licence issued by the EPA.

The EPA issued a licence to Regain under the EHC Act (licence #88), which imposes conditions on the processing and conveying of the SPL. The EHC Licence enables SPL from the Hydro facility at Kurri Kurri to be transported to the Tomago facility for processing, and includes conditions relating to incident management, incident reporting, and annual reporting to the EPA. The EHC Licence would be reviewed following approval of the Project and if required, modified to maintain consistency.

The EPA is reviewing the environmentally hazardous chemicals legislation to modernise the EHC Act and introduce a more streamlined system for the management of hazardous chemicals. The proposed updated and simplified EHC Act would include streamlined controls and remove licensing duplication for industrial premises. The proposed amendments would provide consistency with future national reforms for harmonising regulation of industrial chemicals. If these amendments are enacted, the EHC licence would no longer be required, and the chemical conditions relating to SPL would be integrated into the EPL required under the POEO Act.

4.3.5 Biodiversity Conservation Act 2016

The *Biodiversity Conservation Act 2016* (BC Act) aims to conserve biodiversity at bioregional and State levels to maintain the diversity and quality of ecosystems. The BC Act provides for the protection of threatened species, populations and ecological communities, their habitats and critical habitat. Species, populations and ecological communities that are listed as critically endangered, endangered or vulnerable are identified in Schedule 1 of the BC Act. Potential impacts to ecology are considered in **Section 7.8**. The Project would not significantly impact species or communicates identified under Schedule 1 of the BC Act. No clearing of vegetation is proposed as part of the modifications.

4.4 Local Matters

4.4.1 Port Stephens Local Environmental Plan 2013

The SPL Facility is located within the IN1 General Industrial zone under the *Port Stephens Local Environmental Plan 2013* (LEP 2013). The objectives of the Zone are:

- To provide a wide range of industrial and warehouse land uses;
- To encourage employment opportunities;
- To minimise any adverse effect of industry on other land uses; and
- To support and protect industrial land for industrial uses.

As the Project is a Part 3A project, the provisions of the LEP 2011 do not apply. Nonetheless, the proposed modification is considered to be consistent with the objectives of the LEP 2013, and is consistent with the existing industrial land use currently approved on the site.

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5.0 Stakeholder Consultation

5.1 Environmental Assessment Requirements

Regain provided a Project briefing to the DP&E on 18 August 2017, with additional information provided on 28 November 2017. DP&E subsequently issued Environmental Assessment Requirements (EARs) for the proposed modification on 20 December 2017, identifying the issues to be included in the EA for this proposal. Each of the matters identified in the EARs for consideration in the EA is outlined in **Table 7**, together with the relevant section of the EA which addresses that matter.

Table 7 Environmental Assessment Requirements (EARs)

Matter	EA Reference
Detailed description of the development, including: • existing operations carried out on the site and how the site operates lawfully under the EP&A Act including any reliance on existing use rights and/or planning approvals and how these will be consolidated; • accurate history of the site, including development consents; • need for the proposed development; • justification for the proposed development; • likely staging of the development – including demolition, construction, and operation stage/s; • likely interactions between the development and existing, approved and proposed operations in the vicinity of the site; • plans of any proposed building works; • contributions required to offset the proposal; • identification of conditions to be modified.	**Section 2.0**
Consideration of all relevant environmental planning instruments, including identification and justification of any inconsistencies with these instruments.	**Section 4.0**
Risk assessment of the potential environment impacts of the development, identifying the key issues for further assessment.	**Section 6.0**
Detailed assessment of the key issues specified below, and any other significant issues identified in this risk assessment, which includes: • a description of the existing environment, using sufficient baseline data; • an assessment of the potential impacts of all stages of the development, including any cumulative impacts, taking into consideration relevant guidelines, policies, plans and statutes; • a description of the measures that would be implemented to avoid, minimise and if necessary, offset the potential impacts of the development, including proposals for adaptive management and/or contingency plans to manage any significant risks to the environment; • a consolidated summary of all the proposed environment and monitoring measures, highlighting commitments included in the EA.	**Section 7.0**
Waste Management – including: • a description of the waste streams that would be accepted at the site including the maximum daily, weekly and annual throughputs; • details of the source of the waste streams to justify the need for the proposed processing capacity; • a description of waste processing operations, including a description of the technology to be installed, resource outputs, and the quality control measures that would be implemented; • details of where SPL will be sourced from; • details of how waste would be stored and handled on site, and transported to and from the site including details of how the receipt of non-conforming waste would be dealt with;	**Section 7.8**

Matter	EA Reference
• the measures that would be implemented to ensure that the development is consistent with the aims, objectives and guidance in the *NSW Waste Avoidance and Resource Recovery Strategy 2014 - 2021*.	
Soil and Water – including: • an assessment of potential impacts to soil and water resources, topography, hydrology, drainage lines, watercourses and riparian lands on or nearby to the site; • a detailed site water balance; • any works with the potential to intercept the groundwater table; • details of stormwater/wastewater/leachate management systems including the capacity of onsite detention systems, and measures to treat, reuse or dispose of water; • characterisation of the nature and extent of any contamination on the site and a description of proposed management measures.	**Section 7.8**
Air Quality and Odour – including: • a quantitative assessment of the potential air quality, dust and odour impacts of the development in accordance with relevant Environment Protection Authority guidelines; • the details of buildings and air handling systems and strong justification for any material handling, processing or stockpiling external to a building; • justification for the substantial difference in the 2009 and 2017 air dispersion modelling results; • a greenhouse gas (GHG) assessment; • details of proposed mitigation, management and monitoring measures.	**Section 7.1**
Noise and Vibration – including • a quantitative assessment of potential demolition, construction, operational and transport noise and vibration impacts in accordance with relevant Environment Protection Authority guidelines; • an assessment of the predicted transport noise and vibration impacts and justification of proposed transport routes and times; • details and justification of the proposed noise mitigation and monitoring measures.	**Section 7.5**
Traffic and Transport – including: • details of all traffic types and volumes likely to be generated during construction and operation, including a description of haul routes; • an assessment of the predicted impacts of this traffic on road safety and the capacity of the road network, including consideration of cumulative traffic impacts at key intersections using SIDRA or similar traffic model; • detailed plans of the proposed layout of the internal road network and parking on site in accordance with the relevant Australian Standards; • plans of any proposed road upgrades, infrastructure works or new roads required for the development; • turning path diagrams depicting vehicles entering, existing and manoeuvring throughout the site.	**Section 7.4**
Human Health Risk – including: • an assessment of the potential human health risks (on site and off site) associated with the processing of SPL; • details of mitigation and management measures to minimise human health risks and ensure the safety of workers during the development	**Section 7.3**
Hazards and risks – The environmental assessment must include a Preliminary Hazard Analysis (PHA) for the modification, prepared in accordance with Hazardous Industry Planning Advisory Paper No. 6 'Hazard Analysis' (Department of Planning, 2011) and Mufti-Level Risk Assessment (Department of Planning, 2011).	**Section 7.2**

Matter	EA Reference
The PHA must: • identify the hazards and safeguards for the modification • include a cumulative risk assessment, covering the simultaneous operation of the existing 20,000 tonnes per annum demonstration plant and the proposed 40,000 tonnes per annum combination drying and thermal treatment plant.	
Sensitive Receivers – including consideration of potential impacts, particularly noise and air quality.	**Section 7.0**
Visual – including an assessment of the potential visual impacts of the Project on the amenity of the surrounding area.	**Section 7.8**
Consultation During preparation of the EA, you must consult with the relevant local, State or Commonwealth Government authorities, service providers, community groups and potentially affected landowners. In particular you must consult with: • Port Stephens Council • Environment Protection Authority • Office and Environment and Heritage • Hunter Water Corporation • SafeWork NSW • Hunter New England Local Health District • Roads and Maritime Services • Fire and Rescue NSW • nearby land owners and occupiers that may be affected by the proposal. The EA must describe the consultation process and the issues raised, and identify where the design of the development has been amended in response to these issues. Where amendments have not been made to address an issue, a short explanation should be provided.	**Section 5.2**

5.2 Government Agencies and Landholders

The following government agencies and potentially affected land owners were contacted during the assessment process:

- Port Stephens Council;
- Environment Protection Authority;
- Office and Environment and Heritage;
- Hunter Water Corporation;
- SafeWork NSW;
- Hunter New England Local Health District;
- Roads and Maritime Services;
- Fire and Rescue NSW; and
- Tomago Aluminium Company.

The agencies were initially contacted by letter correspondence summarising the Project and potential impacts. In addition to the EARs issued for the Project, clarifications were sought from key stakeholders, as relevant, on issues raised in the EARs and the scope of assessment these stakeholders expected in the EA. A summary of Project specific issues raised by these stakeholders during consultation and how those matters have been addressed in the EA are listed in **Table 8**.

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Table 8 Stakeholder Consultation

Stakeholder Contacted	Summary of Issues Raised by Stakeholders	Proponent Response
Port Stephens Council	Port Stephens Council made the following comments regarding the Project: • The Traffic Impact Assessment and Stormwater Management plans shall be updated in support of the modification (particularly with regard to water quality controls on site); • Indirect impacts on the ecological values of the site through the construction and operation phases should be considered, including (but not limited to): - Vegetation mapped as Supplementary and Marginal Habitat under the Port Stephens Comprehensive Koala Plan of Management. The subject site forms part of an area of known generation persistence for koalas and forms potential habitat and/or corridors for threatened species such as Koalas, Squirrel Glider and Wallum Froglet; and - Wetlands identified in the Port Stephens Local Environmental Plan 2013 and the State Environmental Planning Policy (Coastal Management) 2018. • The development shall comply with the existing (and modified) Environment Protection Licence (EPL) 13269, Environmentally Hazardous Chemicals Licence #88 and the Project Approval (06_0050), including the Secretary's Environmental Assessment Requirements (SEARs) issued for the Project. Further additional consultation was undertaken to clarify feedback received to support preparation of the EA. Issues discussed included: • The existing traffic environment, including the current Old Punt Road intersection configuration and historic upgrade of this intersection providing slip lanes and dedicated turning lanes; • The existing stormwater controls in place for the site, including connection with Tomago Aluminium facilities and existing Environmental Management Plans; • The existing buffer lands established for Tomago Aluminium to accommodate operation of the facility and associated processes; and • An environmental risk review process informing the level of assessment provided for each environmental factor considering the extent of proposed modifications and associated potential consequences.	Based on additional consultation and discussions with Port Stephens Council representatives it is considered that the EA adequately addresses the issues raised. The traffic section of the 2009 EA was reviewed during the preparation of this EA. The findings of the traffic assessment have been updated in this EA, where necessary using available data. These findings have been confirmed to still be relevant and applicable to the Project. An assessment of the heavy vehicle haul routes to and from the Facility has been incorporated into the **Section 7.4**. Traffic concerns are addressed in **Section 7.4** of this EA. **Section 7.7** outlines that the Stormwater Management Plan would be reviewed and updated to accompany the modified Project. Impacts to biodiversity are addressed in **Section 7.7**. The footprint of the facility would not change as part of the Project and potential impacts are limited to the existing site. Potential impacts on ecological values due to gaseous fluoride emissions are considered in **Section 7.1**. In **Section 4.3.2**, the implications of the Project on the Coastal Management SEPP and SEPP 44 is discussed. The proposed compliance of the Project with the POEO Act is outlined in Chapter 4.0.

Stakeholder Contacted	Summary of Issues Raised by Stakeholders	Proponent Response
Environment Protection Authority	The EPA identified three key information requirements for the Project EA to include: • Air impacts- assessment of the potential impacts on air quality and demonstration that any emissions can comply with the emission standards contained within the Protection of the Environment Operations (Clean Air) Regulation 2010; • Waste- clear and detailed explanation of the classification, processing, storage and management of the aluminium smelter waste; and • Water management- assessment of potential impacts on surface and groundwaters; identification of appropriate pollution control measures to protect surface and groundwater; and proposed monitoring to protect surface and groundwater. The EPA also indicated that the EA should address a number of specific EA requirements. These have been summarised below: 1. Environmental impacts of the proposal-The EA must address the requirements of Section 45 of the POEO Act. 2. Description of the proposal-The EA must include a Project description that is comprehensive and unambiguous. 3. Air quality-the EA must demonstrate compliance with POEO Act, include a new air quality impact assessment (AQIA) and outline specifications of all pollution control and management for both point and fugitive emissions. 4. Waste- The EA must include information on waste, material and product management and must detail quality assurance and controls. 5. Hazards and risk- The EA must include consideration of hazards and risks associated with the tripling in processing capacity. 6. Ecological risk- The EA must include consideration of potential ecological risks associated with increased loading of fluoride in the environment, and including potential impacts on fauna and flora. 7. Water management- The EA must include assessment of potential impact on surface and groundwaters and identification of pollution control measures and monitoring. The EA must also address any changes and potential impacts from any discharges through Tomago Aluminium's licensed facility, including Discharge Point 38.	Potential impacts to air are addressed in **Section 7.1**. An AQIA was carried out in accordance with the document, *Approved Methods for the Modelling and Assessment of Air Pollutants in NSW* (2005). The waste chapter (refer **Section 7.7**) has addressed onsite handling of waste as well as waste management protocols to protect the environment. Further to this, **Appendix G** contains a resource detailing the source of materials that the facility recovers from the aluminium smelting industry as well as how the facility processes by-product materials and hazard elimination and the product manufacturing process. Quality assurance practices including routine laboratory testing and potential corrective actions are discussed in **Section 7.7**. In response to the specific EA requirements outlined by the EPA, those that have not been discussed above in the three key requirements have been addressed below. Environmental impacts- the impacts of the modified Project have been addressed in Chapter 6 and **Section 7.7**. Emissions monitoring is discussed in Section 7.1. A comprehensive and unambiguous description of the Project is provided in Chapter 2. Hazards and risks associated with the increased production at the facility are discussed in **Section 7.2**. This includes appropriate handling and storage management measures of SPL. Potential impacts on ecological values due to

Stakeholder Contacted	Summary of Issues Raised by Stakeholders	Proponent Response
		gaseous fluoride emissions are considered in **Section 7.1** and **Section 7.8**. Regain would consult further with the EPA as necessary to support the EPL licence variation.
Office and Environment and Heritage	OEH indicated that the Department had no comments or feedback to provide at this stage of the Project.	Potential impacts on ecological values due to gaseous fluoride emissions are considered in **Section 7.1**.
Hunter Water Corporation	Letter correspondence dated 5th September 2018 was received in response to stakeholder consultation. The following issues were raised: • Potential for an increase in deposition of airborne contaminants that may impact on the Tomago Sandbeds either as a result of air emissions or dust release during material handling and process operations; • Consequences of unplanned failure of the heat treatment plant; • Material handling practices and any potential for contamination of groundwater; • Capacity of the existing stormwater system; and • Water and wastewater services including water demands associated with the proposed modification. A Project briefing session was held at the Hunter Water Corporation main office on 25th September 2018 to discuss the Project and feedback provided by HWC.	Based on additional consultation and discussions with HWC representatives it is considered that the EA adequately addresses the issues raised. Potential impacts on the Tomago Sandbeds due to gaseous fluoride emissions and other airborne contaminants is considered in **Section 7.6**. Environmental controls for the Project including automatic shutdown procedures during failure of the thermal treatment plant are described in **Section 2.4.** Material handling practices are described in **Section 7.7**. Stormwater and water consumption demands are described in **Section 7.6.**
SafeWork NSW	A representative from SafeWork NSW was contacted to discuss the details of the Project. The following issues were discussed: • An environmental risk review process informing the level of assessment provided for each environmental factor considering the extent of proposed modifications and associated potential consequences; • Existing safe work practices employed on site including environmental safeguards and controls; and	An environmental risk review is provided in **Section 6** Material handling practices and health assessments are discussed in **Section 7.7**. Hazard and Risk Management Standards are included in **Appendix J**.

Stakeholder Contacted	Summary of Issues Raised by Stakeholders	Proponent Response
	• Regular health assessments of workers, undertaken as part of continued health monitoring activities across Regain operations. It was requested that the Environmental Assessment present information on workplace practices for SPL processing. No further issues were raised in response to consultation.	
Hunter New England Local Health District	A representative from Hunter New England Local Health District was contacted to discuss the details of the Project. The following issues were discussed: • The conservative approach adopted for the Air Quality Impact Assessment and Human Health Risk Assessment with consideration of potential cumulative impacts. • Consideration of mitigation measures as may apply to construction or operation to ensure separation of potable and process water and adequate mosquito management. • The existing stormwater controls in place for the site, including connection with Tomago Aluminium facilities and existing Environmental Management Plans. • The existing buffer lands established for Tomago Aluminium and capacity to accommodate operation of the facility and associated processes. • An environmental risk review process informing the level of assessment provided for each environmental factor considering the extent of proposed modifications and associated potential consequences. No further issues were raised in response to consultation.	Potential impacts to air (including consideration of vegetation within the buffer lands) are described in **Section 7.1**. An AQIA was carried out in accordance with the document, *Approved Methods for the Modelling and Assessment of Air Pollutants in NSW* (2005). An assessment of the potential human health risks associated with the processing of SPL is included in **Section 7.3**. Stormwater controls are described in **Section 7.6** and environmental controls considering mosquito management and separation of process water are described in **Section 2.4**. An environmental risk review is proved in **Section 6.0**.
Roads and Maritime Services	Roads and Maritime Services (RMS) made comment regarding the preparation of a Traffic Impact Assessment for the Project. Further additional consultation was undertaken to clarify feedback received from RMS to support preparation of the EA. Issues discussed included: • The existing traffic environment in general, including the current Old Punt Road intersection configuration and historic upgrade of this intersection providing slip lanes and dedicated turning lanes; • The proposed increase in traffic movements associated with the Project compared against the comparatively high number of existing traffic	Based on additional consultation and discussions with RMS it is considered that the EA adequately addresses the scope of the Traffic Impact Assessment required for the Project. The RMS Guide to Traffic Generating Developments includes a schedule of consultation and points of referral for any development. An industrial development that is of a scale less than those on Schedules 1 and 2 of the RMS Guide

Stakeholder Contacted	Summary of Issues Raised by Stakeholders	Proponent Response
	movements along the Pacific Hwy; • The capacity of the existing intersection compared to current and proposed traffic movements; and • The applicability of SIDRA modelling with respect to the proposed Project. RMS agreed that SIDRA modelling may not be appropriate for all projects depending on a range of factors including the scale of the activity with respect to the existing traffic environment. The current EA may consider the applicability of SIDRA modelling and provide context to alternate assessment methodologies where these are considered more appropriate.	does not require RMS consultation. The Project would result in fewer additional movements than identified in Schedules 1 and 2 and is considered to have negligible impact. The traffic section of the 2009 EA was reviewed during the preparation of this EA. The findings of the traffic assessment have been updated in this EA, where necessary using available data. These findings have been confirmed to still be relevant and applicable to the Project as modified in this EA. An assessment of the heavy vehicle haul routes to and from the Facility has been incorporated into the **Section 7.4**. An assessment of potential traffic impacts is provided in **Section 7.4** of this EA. A quantitative assessment of traffic impacts (e.g. SIDRA modelling) is not anticipated to significantly improve the assessment or understanding of potential traffic impacts. The potential traffic impacts of the Project (as modified) are considered to be relatively consistent with those assessed in the 2009 EA.
Fire and Rescue NSW	Further additional consultation was undertaken to obtain feedback from Fire and Rescue NSW to support preparation of the EA. It was noted that a Preliminary Hazard Analysis (PHA) (SKM, 2007) has previously been completed in accordance with Hazardous Industry Planning Advisory Paper No. 6 'Hazard Analysis' for the site as part of the 2009 EA and that modification works would be assessed against the requirements of the State Environmental Planning Policy No 33 – Hazardous and Offensive Development	A preliminary hazard screening and a gap analysis against the existing PHA is provided in **Section 7.2**. The Tomago Aluminium Emergency Response Plan and available firefighting equipment is detailed in **Section 7.2**.

Stakeholder Contacted	Summary of Issues Raised by Stakeholders	Proponent Response
	using a preliminary hazard screening and a gap analysis against the existing PHA. FRNSW accepted this approach given that the risk profile would not change significantly as the Project does not; propose to change the materials to be processed, introduce process treatment options, or store significantly increased quantities of material. It was requested that information be included in the EA regarding existing emergency response measures, plans or studies as may exist for the Regain or Tomago Aluminium site.	
Affected Landholders	Tomago Aluminium Company indicated that the company had no comments or feedback to provide at this stage of the Project.	Landholder consent was provided in support of the application (see **Appendix I**).

6.0 Prioritisation of Issues

An assessment of potential environmental impacts associated with the Project based on existing data and knowledge of the site was carried out. A risk analysis was undertaken to rank these issues according to the level of environmental risk.

6.1 Risk Matrix

Potential impacts are ranked according to the risk matrix (refer to **Table 9**) as being a High, Medium, Low or Very Low risk to the environment. The allocation of risk is based upon the following considerations:

Potential consequences:

1. *Broad scale environmental impact.*
2. *Regional environmental impact.*
3. *Local environmental impact.*
4. *Minor environmental impact.*
5. *Insignificant environmental impact.*

Likelihood of adverse impact:

a. *Almost certain.*
b. *Likely.*
c. *Possible.*
d. *Unlikely.*
e. *Rare.*

Table 9 Risk Matrix

Potential Consequence	Likelihood of adverse impact					
		A	**B**	**C**	**D**	**E**
	1	High	High	Medium	Low	Very Low
	2	High	High	Medium	Low	Very Low
	3	Medium	Medium	Medium	Low	Very Low
	4	Low	Low	Low	Low	Very Low
	5	Very Low	Very Low	Very Low	Very Low	Very Low

6.2 Risk Analysis

The prioritisation of potential environment issues related to the Project is provided in **Table 10**. The ranking aims to allow the prioritisation of issues for assessment and does not consider the application of mitigation measures to manage the environment effects. In all cases, appropriate and proven mitigation measures would be used to minimise and manage potential impacts identified in this risk analyses. These measures are described throughout **Section 7.0** of this EA and are summarised in **Section 8.0**.

Table 10 Prioritisation Analysis

Environmental Aspect	Potential Environmental Issue	Consequence	Likelihood	Ranking
Air Quality and GHG	Generation of fugitive emissions and dust.	3	C	Medium
	Excessive generation of GHG, including carbon dioxide, methane and oxides of nitrogen	4	E	Very Low
Hazard and Risk	Hazards due to risk of incidents at plant. Potential contaminants impacting nearby production systems and products.	3	C	Medium
Human Health	Risk to human health as a result of contact with hazardous waste through air emissions	3	D	Low
Traffic and Transport	Traffic impacts during construction and operation	4	D	Low
Noise and Vibration	Noise impacts to nearby residential receivers	4	D	Low
Waste Management	Generation of hazardous waste requiring disposal	3	E	Very Low
Soil and Water	Spills of raw material to site catchment and pollution of local waterways	4	D	Low
Visual Amenity	Minimal change to current site footprint	5	E	Very Low
Heritage	Minimal change to current site footprint	5	E	Very Low
Ecology	Minimal change to current site footprint	5	E	Very Low
Social and Economic	Potential impacts and benefits to the local and wider community.	5	E	Very Low
Cumulative Impact	Potential impacts taking into account other existing and approved development in the area	4	D	Low

6.3 Key Issues

Based on the risk analysis presented above and consultation with DP&E the key issues requiring detailed assessment within this EA were identified and include:

- Air quality;
- Hazard and Risk;
- Human Health;
- Traffic and Transport;
- Noise and Vibration;
- Soil and Water Quality; and
- Waste.

These key issues are assessed in **Sections 7.1** to **7.7** of this EA. Other issues having very low or no anticipated impact are addressed in **Section 7.8**.

7.0 Environmental Assessment

All specialist inputs prepared to support this EA were composed by suitably qualified technical specialists in the relevant field. Technical specialists included the following:

- Air Quality: David Rollings, Associate Director – Air Quality and Colin Clarke – Senior Environmental Scientist.
- Hazard and Risk: Kurt Thoren, Senior Process Safety Engineer and Yu Nee Lee, Process Safety Engineer.
- Human Health: Amanda Lee, Technical Director – Environment and Cindy Cheung, Senior Environmental Engineer.
- Traffic and Transport: Anoop Sridhar, Principal Traffic Engineer and Martin Mallia, Principal Traffic Engineer.
- Noise and Vibration: Geoffrey Lucas, Principal Acoustic / Vibration Engineer and Gayle Greer, Acoustics Team Leader – NSW.

7.1 Air Quality

An AQIA has been prepared for the Project as modified (AECOM, 2018). The AQIA employed a conservative assessment methodology to consider both the potential incremental and cumulative impacts of the Project. The assessment was undertaken in accordance with the NSW Environment Protection Authority (EPA) *Approved Methods for the Modelling and Assessment of Air Pollutants in NSW* (Approved Methods) (EPA, 2017). The AQIA considered the following pertinent information:

- The Newcastle air shed background pollutant concentrations; and
- The proposed operational parameters and emissions for the Regain Tomago facility whilst operating at proposed maximum pollutant concentration limits (based on those currently listed in EPL 13269).

Air emissions were modelled using the CALPUFF dispersion model in accordance with the Approved Methods (EPA, 2017) and based on emission points identified in **Section 2.5**.

Predicted emission rates associated with increased processing capacity of 60,000 tpa at the Regain Tomago facility were estimated based on historical stack emissions testing parameters obtained from Regain facilities operated at Tomago, Kurri Kurri and Point Henry. These plant elements have operated for a number of years and the operational performance of these elements is well understood.

Based on years of historical stack emissions testing data from the Regain facility, it is considered that adopting maximum proposed EPL concentration limits to determine the mass emission rates for the Project is a conservative approach. Historic operations and monitoring of the Regain facility has demonstrated that all stack pollutant concentrations levels are typically recorded below the maximum emission limits specified under EPL 13269.

For the purposes of the assessment the facility was assumed to operate 24 hours a day, seven days per week (consistent with current operations). It is considered that this approach provides a conservative assessment with actual emissions generated by the facility likely to be less than those predicted by the dispersion model.

A summary of the AQIA is provided below. The complete AQIA is provided at **Appendix D** .

7.1.1 Existing Environment

The EPA currently operates a continuous monitoring station at Beresfield, approximately 5km from the Regain Tomago site, to help characterise the air quality in the region. The pollutants which are monitored at the Beresfield site and relevant to this assessment are oxides of nitrogen (NOx), ozone, fine particulate matter (PM_{10}) and sulphur dioxide (SO_2) (see **Table 11**).

Table 11 NSW EPA Beresfield Monitoring Station Data Summary 2015

Parameter	NO_2 1hr Average		SO_2 1hr Average		CO 1hr Average		PM_{10} 24hr Average
	pphm	µg/m³*	pphm	µg/m³*	ppm	mg/m³ *	µg/m³
Maximum	4.9	92.1	8.2	214.8	N/A	N/A	-
Average	0.9	16.9	0.1	2.7	N/A	N/A	-
NSW EPA 1 hr Average Criterion	***12***	***246***	***20***	***570***	***25***	***30***	-
Max 8 hr Average	-	-	-	-	1.5[#]	-	-
NSW EPA 8 hr Average Criterion	-	-	-	-	***9***	***10***	-
Max 24 hr Average	-	-	0.8	22.2	-	-	**64.9**[1]
NSW EPA 24 hr Average Criterion	-	-	***8***	***228***	-	-	***50***
Max Annual Average	0.9	16.9	0.1	2.7	-	-	18.7
NSW EPA Annual Average Criterion	***3***	***62***	***2***	***60***	-	-	***30***

* converted at 0'C as per NSW EPA criteria correction

[1] Two exceedances of the ambient background concentration for Max 24hr PM_{10} results were recorded as the result of 'exceptional events' (e.g. bushfire or dust storm). The highest concentration reported that is compliant with the criteria was 43.3 µg/m³.

N/A = Result not available from Beresfield Monitoring Station

[#] Result taken from the latest (2015) NSW Air NEPM Compliance Report, and is a max 8-hour rolling average from the Newcastle EPA Monitoring site

In addition to the Beresfield monitoring station data from the Beresfield, TAC monitors Sulfur Dioxide and Fluoride concentrations surrounding the smelter in accordance with EPL 6163. The existing ambient monitoring data obtained from TAC monitoring sites indicated the following:

Fluoride – Tomago Aluminium Monitoring Network

A summary of the ambient fluoride monitoring results and associated calculated values for EPL Point 21 are provided in **Table 12**.

Table 12 Tomago Aluminium EPL Point 21 – Ambient Fluoride Results Summary

Parameter	Units	Averaging Period		
		7-day	30-day	90-day
Maximum Ground Level Concentration (GLC)	µg/m³	1.18	0.81	**0.60**
No. of Exceedances	Integer	0	0	2
Maximum Non-Exceedance GLC	µg/m³	1.18	0.81	0.20
Criteria	**µg/m³**	**1.7**	**0.84**	**0.5**

It should be noted that the background ambient fluoride concentrations are elevated, with the calculated 90-day average for fluoride showing 2 exceedances of the NSW EPA criteria. The elevated background concentrations for fluoride are expected as a result of the Tomago Aluminium smelter operations, and they also fall within the approved buffer zone surrounding the Tomago Aluminium site.

Sulfur Dioxide – Tomago Aluminium Monitoring Network

The closest ambient sulfur dioxide monitoring site relative to the Regain facility is EPL Point 36. This monitoring site is located on Laverick Avenue, Tomago approximately 800m south west of the Regain facility. Given the close proximity of this monitoring site in relation to the Regain facility, and its location close to the nearest impacted sensitive receptors in the industrial park, the ambient background concentrations for sulfur dioxide from this monitoring site were adopted for the assessment.

The 2015 monitoring results provided by Regain for the Tomago Aluminium EPL Point 36 SO_2 monitoring location are presented in **Table 13**.

Table 13 Tomago Aluminium Ambient Sulfur Dioxide Results Summary – 2015 (EPL Point 36)

Parameter	Units	Averaging Period		
		1-hour	24-hour	Annual
Maximum GLC	µg/m^3	212.2	73.4	9.8
Criteria	**µg/m^3**	**570**	**228**	**60**

It should be noted that the background ambient sulfur dioxide concentrations for all of the monitoring locations are reasonably elevated. The elevated background concentrations for sulfur dioxide are expected as a result of the Tomago Aluminium smelter operations, and they also fall within the approved buffer zone surrounding the Tomago Aluminium site.

Sensitive Receptors

The area surrounding the facility is largely comprised of medium to large scale industrial premises. The area beyond the industrial premises is largely bound by native vegetation on all sides, with the Hunter River approximately 1km to the south. The closest urban residential receptors are approximately 1.4km from the facility. The Tomago Aluminium site, Regain facility and the surrounding area falling within a range of approximately 2-3km from the Tomago Aluminium site are located within the buffer zone identified in the Tomago Aluminium Development Consent (DA No. 391/80 & DA No. 4908/90).

The TAC smelter buffer zone was designated during the approval process (DA No. 391/80 & DA No. 4908/90) for the third aluminium potline to accommodate an annual emission which was equivalent to 298 tonnes of total fluoride per year (ENSR|AECOM 2009). Impacts from fluoride are monitored in accordance with TAC's environmental monitoring program. Historic results of environmental monitoring indicate that TAC typically operate within their licence conditions, and that the buffer zone appears adequate to contain the impacts of fluoride emissions.

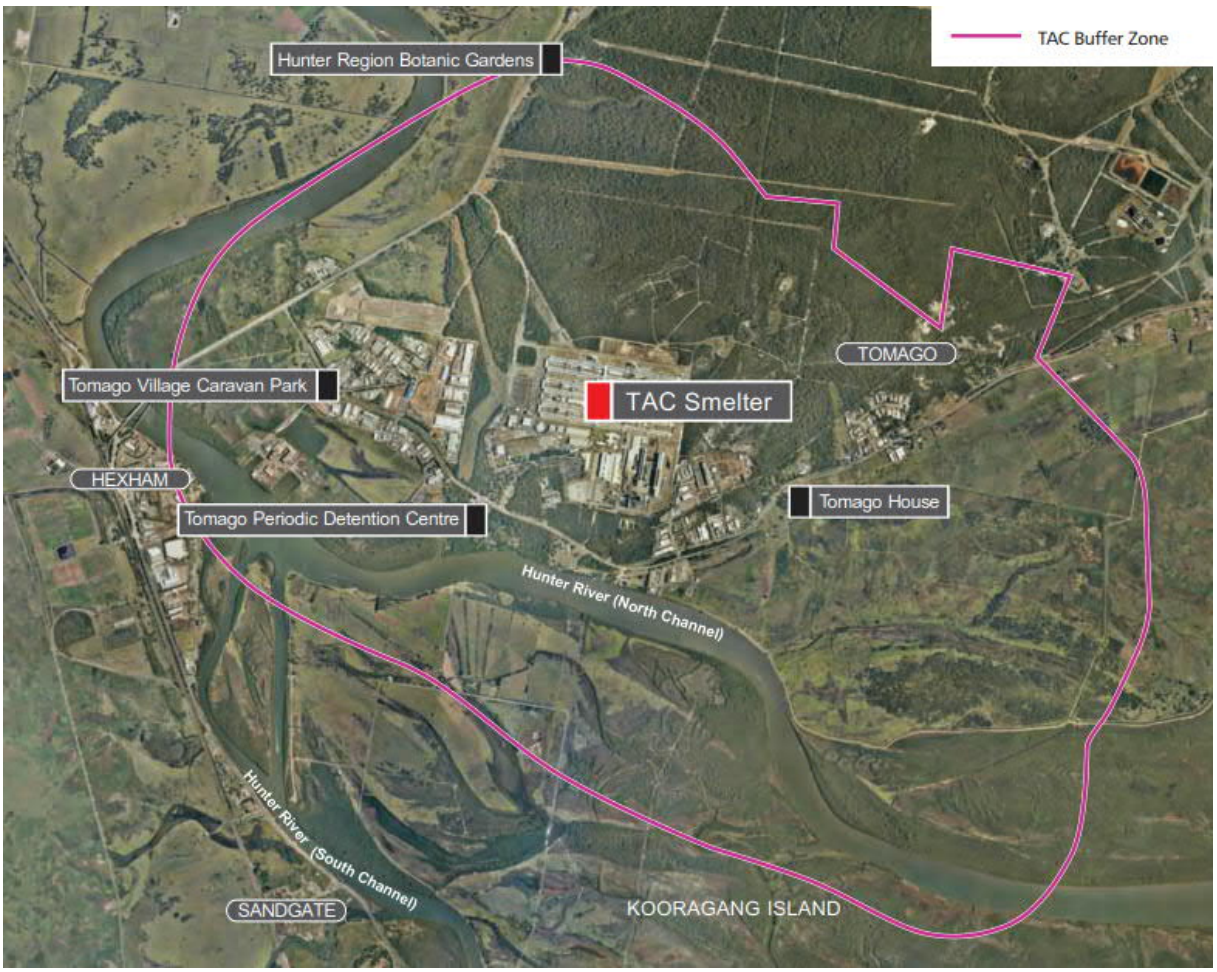


Figure 7 TAC Buffer Zone (ENSR|AECOM 2009)

7.1.2 Potential Impacts

Emission Modelling Results

The predicted maximum cumulative ground level concentrations for the maximum EPL concentrations from the dispersion model are summarised in **Table 14**. The incremental impacts for each pollutant assessed in the modelling have also been expressed as a percentage of the criteria.

The maximum cumulative values are inclusive of the incremental impacts from the site, and the background values identified for the site.

Table 14 Incremental & Cumulative Predicted Ground Level Concentrations (µg/m^3)

Pollutant	Averaging Period	Percentile	Assessment Location	Incremental GLC	Incremental % of Criteria	Background GLC	Cumulative GLC	GLC Criteria
Sulfur Dioxide (SO_2)	1 hour	100th	Nearest sensitive receptor	27.30	4.8%	214.8	242.10	570
	24 hours	100th		5.28	2.3%	73.4	78.68	228
	Annual	100th		0.61	1.0%	9.8	10.41	60
Nitrogen Dioxide (NO_2)	1 hour	100th	Nearest sensitive receptor	54.60	22.2%	92.1	146.70	246
	Annual	100th		1.22	2.0%	16.9	18.12	62
PM_{10}	24 hour	100th	Nearest sensitive receptor	3.87	7.7%	43.30	47.17	50
	Annual	100th		0.41	1.6%	18.70	19.11	25
Lead	Annual	100th	Nearest sensitive receptor	0.00056	0.1%	N/A	N/A	0.5
Total Suspended Particulates	Annual	100th	Nearest sensitive receptor	0.70	0.8%	N/A	N/A	90
Hydrogen Fluoride	90 days	100th	Nearest sensitive receptor	0.12	23.2%	0.20	0.32	0.5
	30 days	100th		0.16	18.9%	0.81	**0.97**	0.84
	7 days	100th		0.22	12.9%	1.18	1.4	1.7
	24 hours	100th		0.53	18.2%	N/A	N/A	2.9
Cyanide	1 hour	99.9th	At or beyond boundary	0.73	0.4%	N/A	N/A	200
Dioxins & Furans	1 hour	99.9th	At or beyond boundary	7.28E-08	3.6%	N/A	N/A	2.00E-06
PAH	1 hour	99.9th	At or beyond boundary	0.36	91.0%	N/A	N/A	0.4
Antimony	1 hour	99.9th	At or beyond boundary	0.0087	0.1%	N/A	N/A	9
Arsenic	1 hour	99.9th	At or beyond boundary	0.0064	7.1%	N/A	N/A	0.09

Pollutant	Averaging Period	Percentile	Assessment Location	Incremental GLC	Incremental % of Criteria	Background GLC	Cumulative GLC	GLC Criteria
Cadmium	1 hour	99.9th	At or beyond boundary	0.0179	99.2%	N/A	N/A	0.018
Chromium	1 hour	99.9th	At or beyond boundary	0.059	65.3%	N/A	N/A	0.09
Manganese	1 hour	99.9th	At or beyond boundary	0.35	1.9%	N/A	N/A	18
Mercury	1 hour	99.9th	At or beyond boundary	0.0056	0.3%	N/A	N/A	1.8
Nickel	1 hour	99.9th	At or beyond boundary	0.13	70.0%	N/A	N/A	0.18
Acetone	1 hour	99.9th	At or beyond boundary	6.38	0.03%	N/A	N/A	22000
Benzene	1 hour	99.9th	At or beyond boundary	0.59	2.0%	N/A	N/A	29
Toluene	1 hour	99.9th	At or beyond boundary	7.60	2.1%	N/A	N/A	360

The predicted maximum cumulative pollutant concentrations were all compliant with their respective GLC assessment criteria, with the exception to of the 30-day Hydrogen Fluoride result. The following observations can be made:

- The incremental PAH & Cadmium concentration represents the pollutants with the highest percentage of the individual pollutant EPA criterion (91% & 99% of the criterion respectively). The maximum incremental GLC's are located on the western boundary approximately 200m from the Regain facility. Based on the emissions inventory, the two rotary kilns are the main source of these pollutants; and
- The pollutants with the highest cumulative concentrations when compared to the NSW EPA criteria were Hydrogen Fluoride & PM_{10}. Hydrogen Fluoride has the highest cumulative result, at 115% of the criteria for the 30-day averaging period, and the cumulative 24-hour PM_{10} result at 94% of the criteria. Whilst the cumulative impacts for these pollutants are notable, and in the case of Hydrogen Fluoride, elevated above the GLC criteria, the incremental Hydrogen Fluoride and PM_{10} Regain contributions at the same location are small considering existing industrial operations within the locality.

TAC Smelter Buffer Zone

A buffer zone was designated during the approval process for the third potline at Tomago Aluminium to accommodate an annual emission equivalent to 298 tonnes of total fluoride per year. The load limit is identified as a condition to EPL 6163. TAC prepare an annual NPI report which includes their fluoride emission load for each year to assess emissions against their load limits. A summary of results from the TAC smelter over the previous 5 years is provided in **Table 15** below.

Table 15 Annual Fluoride Load by NPI Reporting Year

NPI Reporting Year	Annual Fluoride Load – Air Total (T/yr)
2012-13	280
2013-14	260
2014-15	260
2015-16	240
2016-17	240
EPL 6163 Load Limit	**298**

The data shows that there has been a reduction in fluoride emissions of approximately 40 tonnes per year of the annual fluoride load within the buffer zone surrounding the aluminium smelter over the last five years (from 280T/yr in the 2012/13 reporting year, to 240 T/yr in their most recent NPI report). The annual fluoride load on the buffer zone surrounding the aluminium smelter is therefore approximately 60 T/yr lower than the currently approved load limit.

Based on the data presented in the AQIA provided in **Appendix D**, the maximum potential contribution to the annual fluoride load on the buffer zone surrounding the aluminium smelter associated with the proposed Regain Tomago operations is provided in **Table 16**.

Table 16 Estimated Flouride Load (T/yr) contributions for the Regain Facility

Parameter	20,000 tpa Rotary Kiln	40,000 tpa Rotary Kiln
Fluoride Emission Rate (g/s)	0.04261	0.04935
Total Annual Fluoride Load (T/yr)	1.344	1.557
Total Regain Fluoride Load (T/yr)	2.901	

The maximum potential Regain contribution to the annual fluoride load on the buffer zone is less than 3 T/yr. It should be noted that this is a theoretical worse case value based on Regain operating at their maximum proposed stack EPL Concentration limits. Based on historical stack testing results from the current Regain facility, the annual fluoride load is likely to be significantly less when based on average stack testing fluoride concentrations. It is considered that the small potential increase associated with the proposed Regain operations are unlikely to adversely affect the condition of vegetation in the Botanic Gardens and surrounding areas within the buffer zone.

On the basis of the above data, there is not expected to be a noticeable change to the overall fluoride entering the airshed around the Tomago Aluminium smelter due to Regain. The contribution from the Regain facility is expected to be negligible when compared with Tomago emissions over the last 5 years.

Potential impacts to surface water and groundwater quality (including the Tomago Sandbeds, which is partially located within the buffer zone) associated with potential air quality impacts are discussed in **Section 7.6.2**.

Product Handling

The Project has the potential to increase the frequency of truck delivery and despatch from the facility. SPL material and product handling practices proposed for the Project are described in **Section 2.3**.

The reconfiguration of plant elements requires modification of dust extraction processes but does not increase the potential for fugitive dust emission as the design approach remains substantially the same as the originally approved development. Emission controls proposed for the Project are described in **Section 2.4**.

SPL unloading practices would remain broadly consistent with those described in the 2009 EA with trucks entering Shed 5 to be unloaded within an enclosed environment. Shed 5 is fitted with rumble grids which would minimise the potential for SPL material to be tracked from site. SPL material would be prepared for further processing in Shed 5 (within an enclosed environment) before being conveyed to the thermal treatment plants by enclosed conveyor.

Once thermally treated the product is transferred via an enclosed conveyer system to the Shed 6 storage building which opens to the environment via two large doorways, which can accommodate a front end loader. The dry material is wetted inside the storage building to achieve a moisture content of approximately 5-7%, to minimise the potential for the generation of dust, particularly during bulk truck loading operations.

Truck loading operations take place within the bunded courtyard area between the two large sheds at the Regain facility, whereby the front end loader collects product from Shed 6, and loads the truck outside. Loading activities only taking place during dry weather, with any spillages cleaned up and the loading area swept regularly to maintain good housekeeping practices. Trucks are covered upon completion of the loading activities before they leave the Regain facility.

It is considered that the handling practices and environmental controls implemented as part of the Project (see **Section 2.4**) would effectively minimise the potential for dust generation. Therefore the Project as proposed is not considered to substantially increase the potential for dust emissions from site when compared to the originally approved development.

Greenhous Gas Inventory

It can be seen from **Table 17** there would be an increase in the GHG emissions from the existing to the proposed operations with estimated total GHG emissions changing from 1,611 CO_2^{-e}t/y to 4,834 CO_2^{-e} t/y. This is largely attributed to the operation of the additional rotary kiln, increasing production from 20,000tpa to 60,000tpa.

When predicted GHG emissions from the proposal are compared to state and national GHG emissions for 2016, the facilities contribution is relatively small, contributing 0.0044% of NSW, GHG emissions and 0.0011% of national emissions accounting for Scope 1 and Scope 2 emissions (NGER, 2018).

Table 17 Existing and Proposed GHG Emissions (CO_2^{-e}t/y)

Source	Type	Current Production (20 kT/y)		Proposed Production (60 kT/y)	
		Qi Value	Emissions (CO_2-e t)	Qi Value	Emissions (CO_2-e t)
Natural gas consumption	Scope 1	24,000	1,237	72,000	3,710
Diesel (Vehicles)	Scope 1	40	109	120	327
Electricity consumption	Scope 2	320,000	266	960,000	797
Total			**1,611**		**4,834**

Further it is considered that the Project provides substantial environmental benefits through the reuse of treated product (e.g. HiCAl 30) within industry. A life cycle assessment undertaken for HiCAl 30 was undertaken to quantify the potential benefits in the cement clinkering and cement manufacture process.

The Regain facility produces HiCAl 30 at its Tomago facility. The HiCAl 30 product is rich in fluoride sodium, alumina and carbon and is used in the Cement industry for cement clinkering. The high content of fluoride and sodium in HiCAl 30 have a mineralising affect and increases the reactivity of the clinker thus reducing the amount of clinker required per tonne of cement. This reduction in clinker is important as it reduces GHG emissions and electricity usage for the production of cement.

While Scope 3 GHG emissions are excluded from this assessment, it is important to mention that the continued and proposed increase in production of HiCAl 30 at Regain's facility would result in a reduction in Scope 3 emissions.

Based on the cement production scenario set out in the previous *Indicative Life Cycle Assessment of Regain Products which are derived from By-products of Primary Aluminium Smelting (Regain 2014),* the use of HiCAl 30 can result in a reduction in the ratio of clinker to cement (the clinker factor) from 80 percent to 74 percent. **Table 18** and **Table 19** shows how the reduced clinker factor can result in an overall reduction in both Scope 1 and Scope 2 emissions respectively (or Scope 3 in the context of Regain) under both the exiting 20,000 tpa production rate and the proposed 60,000 tpa production rate.

Table 18 Scope 3 Emission Reductions from HiCAl 30 Product in Cement Production

HiCAl Production (t/y)	EF_{ij}	EF_{tocj}	Clinker Production (t/y)	Cement Production (t/y)	Calcination[1]	Clinker Factor[2]	$CO_{2\text{-}e}$ Emitted (tonnes)	$CO_{2\text{-}e}$ Reduction (tonnes)
20,000	0.534	0.01	1000000	1,250,000	1.0	0.80	1,224,000	40,800
	0.534	0.01	925000	1,250,000	1.0	0.74	1,183,200	
60,000	0.534	0.01	3000000	3,750,000	1.0	0.80	3,672,000	122,400
	0.534	0.01	2775000	3,750,000	1.0	0.74	3,549,600	

Note: Emission calculated using Method 1 for Clinker Production under the *National Greenhouse and Energy Reporting Scheme Measurement; Technical Guidelines for the estimation of emissions by facilities in Australia* (2017-2018)

1. Refers to the degree of calcination of cement kiln dust produced as a result of the production of cement clinker during the year, expressed as a decimal fraction. A default value of 1 has been adopted.
2. Clinker Factor Based on *Indicative Life Cycle Assessment of Regain Products which are derived from By-products of Primary Aluminium Smelting* (Regain 2014)

Table 19 Scope 3 Emission Reductions from HiCAl 30 Product For Electricity Used in Cement Production

HiCAl Production (t/y)	Energy Saving[1] (kWh/t)	Energy Saving (KWh/y)	EF	$CO_{2\text{-}e}$ Reduction (tonnes)
20,000	320	6,400,000	0.83	5,312
60,000	320	19,200,000	0.83	15,936

Note: Emission calculated using NSW Emission Factor for Scope 2 emissions from electricity under the *National Greenhouse and Energy Reporting Scheme Measurement; Technical Guidelines for the estimation of emissions by facilities in Australia* (2017-2018)

1. Energy saving based on *Indicative Life Cycle Assessment of Regain Products which are derived from By-products of Primary Aluminium Smelting* (Regain 2014)

Table 20 summarises the reduction of Scope 3 GHG emissions within the cement industry for both the existing HiCAl production rate of 20,000 tpa and the proposed production rate of 60,000 tpa. It can be seen from **Table 20**; production of 20,000 tpa of HiCAl product already results in a reduction of 46,112 $CO_{2\text{-}e}$ tonnes per year. Increasing the production of HiCAl to 60,000 tpa could result in an offset of approximately 138,336 $CO_{2\text{-}e}$ tonnes per year. This is an additional 92,224 $CO_{2\text{-}e}$ tonnes per year than currently offset by existing operations.

Table 20 Summary of GHG Emission Reductions from Scope 3 Emissions

HiCAl Production (t/y)	CO_{2-e} Reduction (tonnes)		
	Cement Production	Electricity Usage	Total
20,000	40,800	5,312	46,112
60,000	122,400	15,936	138,336

It is considered that the potential reduction of approximately 138,336 CO_{2-e} (tonnes) would provide a substantial environmental benefit when compared to the potential generation of 4,834 CO_{2-e} (tonnes) by the facility (as modified).

Assessment of Potential Impacts to Air Quality

The AQIA predicts that when considered in isolation (incremental concentration only); no adverse impacts are likely to occur as a result of the facility operating under proposed maximum operational conditions at or beyond the site boundary, or at any sensitive receptor location. When considered cumulatively with background concentrations, there is a potential exceedance of the GLC criteria for the 100th percentile 30-day Hydrogen Fluoride concentration.

The potential for cumulative fluoride exceedances exist due to elevated background concentrations of fluoride, likely related to the operation of the Aluminium smelter. The location of sensitive receptors recording modelled elevated cumulative ground level concentrations for Hydrogen Fluoride are located approximately 200m to the west of the Regain facility, beyond the Tomago Aluminium boundary. These receptors are located within the nearby industrial estate, which fall within the Tomago Aluminium buffer zone.

Guidance from the ANZECC (1990) document from which the NSW EPA limits are derived, indicates that the intent of the ambient fluoride criteria was for application at receptors where sensitive vegetation or grazing animals are located. Neither of these sensitive receptor types are present at the industrial receptors identified as having cumulative concentrations above the criteria in this assessment.

The increase in incremental fluoride concentrations associated with the Regain operations are predicted to be minor at these industrial receptor locations and as such are unlikely to cause any significant additional environmental impact beyond the elevated background concentrations already present in the environment. As such, the assessment indicates that the proposed modification to the Regain facility is not predicted to cause any potential increase in environmental harm associated with any of the pollutants examined in this AQIA when operating at the maximum permitted stack concentration limits.

A GHG inventory was also prepared as part of this assessment, which predicts an increase in GHG emission intensity associated with the increased production capacity, however the facilities overall contribution is very small to the state and national GHG emissions, and not expected to be of concern.

In summary it is considered that the potential air quality impacts associated with the Project (as modified) are likely to remain substantially the same as the original approved development.

7.1.3 Mitigation Measures

Environmental Controls

The environmental controls nominated in **Section 2.4** would be implemented during operation of the facility to minimise dust generated by the Project and capture and control fugitive emissions. The following additional mitigation measures are proposed:

- All mobile plant and equipment would be appropriately maintained and operated;
- Energy usage would be minimised where appropriate to do so; and
- The thermal treatment process would be optimised to maximise efficiency where practical and subject to operational requirements. For example by coordinating batch processing to minimise energy wasted during initial heating of the rotary kiln to operating temperature.

Modification of EPL Limits

A new cadmium emission limit of 0.025 mg/m^3 would be implemented for both EPL Point 1 and 2A, to ensure compliance with ground level concentration limits. The proposed Cadmium limit is achievable under normal operating conditions, based on years of historical stack emissions testing results. The facility would operate in accordance with the concentration limits proposed in **Table 21**.

Table 21 Proposed EPL Concentration Limits

Pollutant	Units	20,000 tpa Rotary Kiln Stack (EPL Point 1)	40,000 tpa Rotary Kiln Stack (EPL Point 2A)	Drying Plant Stack (EPL Point 2B)	Shed 5 Stack (EPL Point 3)	Fine Grinding Plant Stack (EPL Point 4)
Cadmium	mg/m^3	**0.025**	**0.025**	N/A	N/A	N/A
Cyanide	mg/m^3	1	1	N/A	N/A	N/A
Dioxins & Furans	ng/m^3	0.1	0.1	N/A	N/A	N/A
Fine Particulates (PM_{10})	mg/m^3	10	10	10	10	10
Nitrogen Oxides (Equivalent NO_2)	mg/m^3	100	100	N/A	N/A	N/A
Polycyclic Aromatic Hydrocarbons	mg/m^3	0.5	0.5	N/A	N/A	N/A
Sulfur Dioxide	mg/m^3	50	50	N/A	N/A	N/A
Total Fluoride	mg/m^3	5	5	N/A	N/A	N/A
Total Solid Particulates	mg/m^3	20	20	20	20	20
Type 1 & 2 Substances	mg/m^3	1	1	N/A	N/A	N/A
Volatile Organic Compounds	mg/m^3	20	20	N/A	N/A	N/A

Emissions Monitoring

The Regain Tomago Environment Protection License (EPL) No. 13269 currently requires stack emissions testing of EPL Point 1 (20,000 tpa Rotary Kiln stack) to be undertaken on a biannual basis whilst processing both 1st Cut and 2nd Cut SPL.

With the installation of the new plant, and operation of five point sources onsite, Regain propose to conduct emissions monitoring as outlined in **Table 22**.

Table 22 Proposed EPL No. 13269 Emissions Monitoring

EPL Point	Stack Name	Feed Material	Frequency	Pollutants
1	20,000 tpa Rotary Kiln Discharge Stack	1st Cut & 2nd Cut	Biannual	Nitrogen Oxides Type 1 & 2 Substances Fine Particulates (PM_{10}) Polycyclic Aromatic Hydrocarbons (PAH) Sulfur Dioxide Dioxins & Furans Total Solid Particulates (TSP) Cyanide Total Fluoride Cadmium Volatile Organic Compounds
2	40,000 tpa Rotary Kiln Discharge Stack	1st Cut & 2nd Cut	Biannual	Nitrogen Oxides Type 1 & 2 Substances Fine Particulates (PM_{10}) Polycyclic Aromatic Hydrocarbons (PAH) Sulfur Dioxide Dioxins & Furans Total Solid Particulates (TSP) Cyanide Total Fluoride Cadmium Volatile Organic Compounds
3	Shed 5 Discharge Stack	Any	Biannual	Total Solid Particulates (TSP) Fine Particulates (PM_{10})
4	Fine Grinding Plant Discharge Stack	Any	Biannual	Total Solid Particulates (TSP) Fine Particulates (PM_{10})
5	Dryer/Blending Discharge Stack	Any	Biannual	Total Solid Particulates (TSP) Fine Particulates (PM_{10})

7.2 Hazard and Risk

A Preliminary Hazard Assessment (PHA) (SKM, 2007) was previously undertaken as part of the 2009 EA for the SPL Facility. For the purposes of this EA, the proposed modification was assessed against the requirements of *SEPP 33* using a preliminary hazard screening, and a gap analysis against the existing PHA was completed. The existing PHA is attached at **Appendix E** and the results of the gap analysis are discussed below.

7.2.1 Existing Environment

SPL Material

SPL is classified as a Dangerous Good and an Environmentally Hazardous Waste. It requires careful handling and disposal in accordance with regulatory requirements. SPL materials are currently stored at the Tomago smelter in a number of secure, dry storage sheds prior to disposal. Historically, SPL has been shipped internationally for processing.

Products

As outlined in **Section 2.7**, HiCAl products are currently used at the Regain facility. HiCAl products are summarised below:

- HiCAl 30 Mineralising Carbon;
- HiCAl 40 Mineralising Carbon;
- HiCAl-R Clinker Mineraliser; and
- HiCAl-S Clinker Mineraliser.

HiCAl products are not classified as Dangerous Goods. Safety Data Sheets (SDS) and a HiCAl Products Portfolio Technical Document have been prepared and are included as **Appendix G**.

Testing of the treated SPL material and blending carbons has identified that the dusts are not combustible over a concentration range up to 2000 g/m^3 (SIMTARS Final Report R206-0076-17/18). As such, the treated SPL and blending carbon material within Shed 6 is not considered to introduce a risk of dust explosions. However the SDS documents do recommend consideration of combustible dust hazard controls in firefighting measures.

Hazards Associated with SPL

The facility is currently used to treat and recycle waste SPL material from the aluminium smelting process, with a maximum processing capacity of 20,000 tonnes per annum. SPL is also delivered by road from other aluminium operations including the Hydro Aluminium facility at Kurri Kurri. SPL is unloaded into dedicated storage bays in Shed 5. Front end loaders load the SPL into the crushing-sizing circuit, as required. The crushed material is then loaded onto conveyor systems for hydro-thermal treatment.

Following thermal treatment the SPL material is no longer a dangerous good and is conveyed from the thermal treatment plant for storage in Shed 6. The processed material is then stockpiled in Shed 6, available for product manufacture.

A number of environmental controls and safeguards are currently installed at the site:

- Protection of SPL storage – SPL material is stored in dedicated sheds with two large doorways and dust extraction to manage potential dust escape from the preparation and storage area;
- Enclosed external plant – while not within a building, the process plant is enclosed such that there are no open material transfer points and plant is connected to dust extraction systems;
- Dust extraction – dust extraction systems are provided for the facility. The dust extraction systems are negative pressure systems fitted with filter bag units and stacks directed to safe release locations;
- Alarms and shutdown trips – the dust extraction systems are provided with monitoring systems which activate visual and audible alarms within plant buildings to shut down the process in the event of failed dust extraction;
- Baghouse temperature monitoring – the alarm system would be activated by elevated baghouse temperatures which could damage the filter system;
- Bunded loading areas – truck loading and vehicle operation areas are bunded to prevent potential SPL or product spills being released to drains and stormwater channels;
- Stormwater Controls - Rain falling within the bunded courtyard areas is directed to a dedicated first flush settlement chambers and sumps maintained on the Regain site. Rain falling outside the bunded courtyard area is directed to the existing Tomago Aluminium site first flush pond. This pond allows stormwater to be collected and assessed prior to release off-site (in accordance with EPL 6163);
- Rotary kiln temperature control and safety design – thermal treatment plant is provided with a burner management system which controls temperature using feedback from thermocouples within the kiln. Independent high and low temperature alarms are provided to protect against temperature fluctuations. Blast panels are provided to mitigate damage from the unlikely event of a fire or explosion;
- Burner management – an AS1853 compliant burner management system is installed, complete with fuel gas isolation valves and flame detection to protect against gas accumulation in a “flame-out” event; and
- Pollution control – the facility currently operates in accordance with EPL 13269 and Environmentally Hazardous Chemicals Licence #88.

In addition to these controls, a number of safeguards were identified in the PHA (SKM, 2007) that accompanied the 2009 EA for the existing SPL Facility. The safeguards recommended by the existing

PHA are currently in place for the process components installed at the existing facility to date. Further detail in relation to these safeguards is provided in **Section 7.2.3**.

The Regain site is located within the Aluminium Smelter site, utilises existing buildings and hard stand areas previously constructed by Tomago Aluminium and is operated in accordance with the Tomago Aluminium Emergency Response Plan (Issue Date 19/01/2017).

Key aspects of this plan include:

- A three tier level of emergency response incorporating local response measures and site based emergency response teams;
- Dedicated site controls across the site incorporating firefighting water supplies, fire protection systems and first aid firefighting equipment;
- Consideration of the risk of fire or explosions occurring within spent potline storage areas and the potential for overflow of contaminated fire water to storm water systems; and
- Emergency vehicles maintained on site comprising a fully equipped fire and rescue vehicle and dry chemical fire tender with hose reels, SCBA and other equipment available to be deployed during an emergency.
- A clear process of escalation to external emergency services, when required.

7.2.2 Potential Impacts

To ensure any potential hazards and risks associated with the Project are captured, the proposed modification was assessed against the requirements of *SEPP 33* using a preliminary hazard screening. A gap analysis against the existing PHA was then completed. The intent of the assessment is to determine the extent to which the existing hazard identification and associated consequence analysis remain applicable for the proposed capacity increase, and whether the existing mitigation measures provide sufficient protection.

Comparison of Approved and Proposed Facility Layout

Following the PHA conducted by SKM in 2007, the arrangement of the thermal treatment plant has been altered. The thermal treatment plant was installed on the southern side of the space between Shed 5 and Shed 6, approximately 30 m away from the assessed location on the northern side. The proposed modification will also install an additional thermal treatment plant between Shed 5 and 6. The site layout assessed in the 2007 PHA and the layout proposed as part of the modification works are shown in **Figure 8** and **Figure 9** respectively.

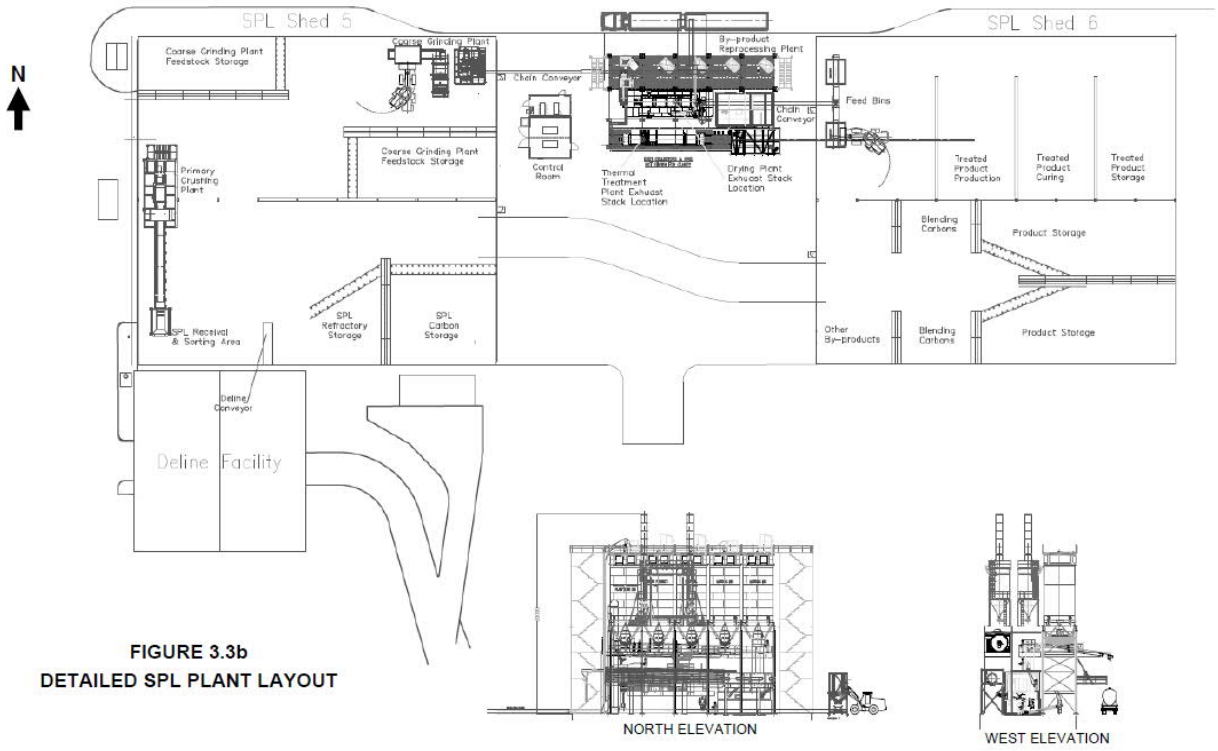


FIGURE 3.3b
DETAILED SPL PLANT LAYOUT

Figure 8 Plant Layout as per 2007 PHA

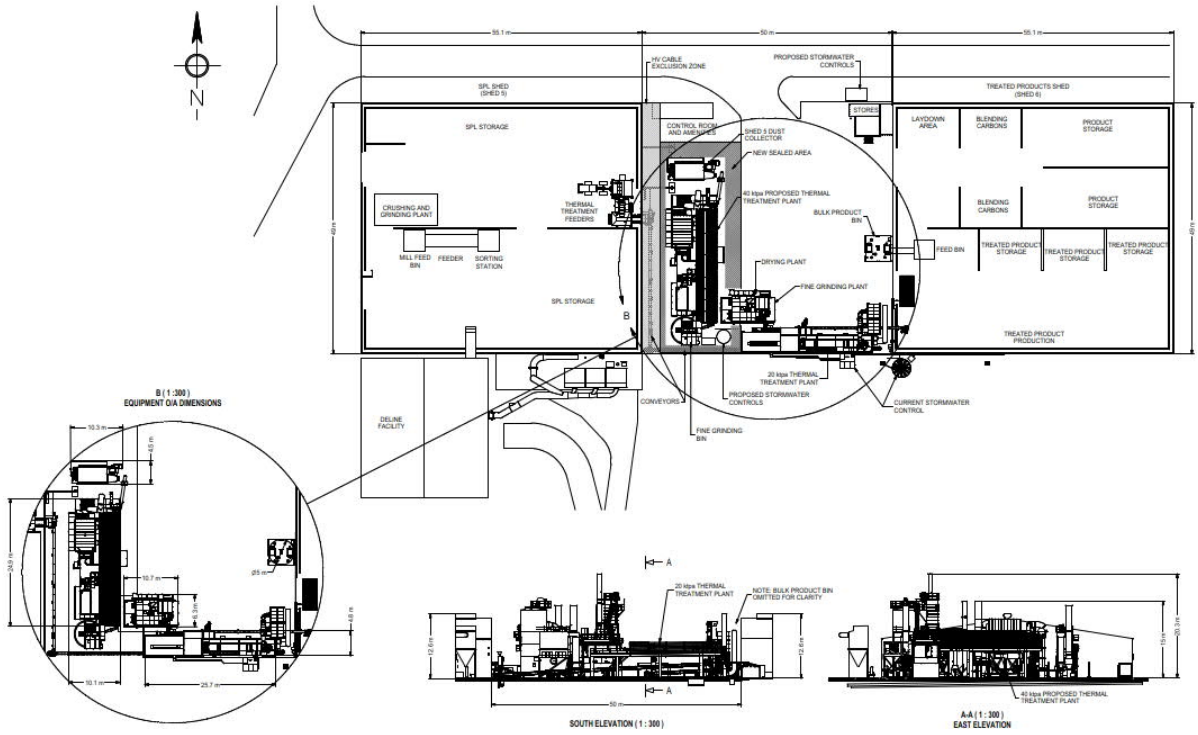


Figure 9 Plant Layout of Proposed Modification, Including the existing Thermal Treatment Plant

The PHA conducted in 2007 did not identify any location specific risks which would be significantly impacted by the change in position. Based on the properties of the process and materials involved, the relocation is not considered to introduce any new hazards to the surrounding area. In particular, relocating the conveyor to the south of the area increases clearance to the control building, reducing the potential for dust generation in the area of occupation by workers. The relocation has also increased the distance to the access road on the northern side, improving separation with regards to traffic. Lastly the relocation increases distances from the Tomago Aluminium switchyard located on the northern side of the access road to the Regain site.

The proposed new thermal processing plant (40ktpa) will be located adjacent to the existing thermal treatment plant (20ktpa). Due to the nature of the operations, the location of the proposed modification is not considered to significantly impact the assessment in the original PHA. The plant is located within the existing facility footprint and although the interior layout of the sheds has been modified (mirrored), the type of activity and associated hazards have not been changed.

Comparison of Approved and Proposed Process and Activities

The overall SPL treatment process for the proposed increase in capacity is the same as that used for the approved facility. The technology and process applied for the thermal treatment process is the same as the original, and the increase in capacity is achieved by the installation of a second rotary kiln and associated equipment with higher rated throughput. Additional dust control and filtration equipment will be provided for the new equipment to provide safeguards for occupational exposure.

While the thermal treatment technology is unchanged, some improvements to the supporting equipment have been incorporated based on experience with the existing thermal treatment system and application of lessons learned through the Regain Management System. The blending, drying and grinding circuit has been simplified to reduce process complexity, including elimination of the blending plant. In particular, improvements incorporated within the proposed modification include:

1. Progressive improvement of crushing technology for SPL preparation in Shed 5 has seen migration from traditional industrial crushing/grinding equipment to innovative equipment with automated electronic control that:
    a. Reduces operator exposure to SPL with operators in air-filtered equipment cabin operating the crushing and grinding through an automated interface on a mobile electronic device;
    b. Reduces the amount of crushing, grinding and materials handling equipment enabling a much more compact plant in Shed 5 with fewer points of potential dust emission.
2. Continuous improvement collaboration with cement industry customers has established that the cement industry can achieve the significant environmental and economic gains from the sodium fluoride compounds available from SPL with rationalised product sales concentrated on one or two of the products. This has eliminated the need for a Blending Plant and much reduced the volume of material flows through the process.
3. The process plant and truck loading should be located as far from the high voltage switchyard as is practical and the proposed plant is located towards the western and the southern sides of the Shed 5 / Shed 6 courtyard with truck loading in the courtyard.

A comparison of the process technology and operational activities between the existing approved process plant and proposed modification is outline in **Table 23**.

Table 23 Process Plant Comparison

Process Plant Comparison			
Component	**Current Approved**	**Proposed Modification**	**Impact to Risk Profile**
SPL Preparation Plant	SPL Preparation Plant in Shed 5	No change	None
Thermal Treatment Plant	20,000 tonne per year Thermal Treatment Plant	Current 20,000 tonne per year facility with additional 40,000 tonne per year Thermal Treatment Plant	Process technology unchanged, no new hazards identified Increased operational time increases exposure; continuous improvement processes have resulted in application of improved protection measures with increased dust control effectiveness (e.g. filtered operator cabins). Application of dust extraction mitigation measures considered to be effective at controlling dust hazards in line with existing PHA assessment.
Blending, drying and grinding equipment	Integrated Grinding and Blending Plant includes blending, drying, grinding, grinding feed bin and four large product bins	Reduced size and complexity of process plant: • Blending plant removed • Separate drying plant • Separate fine grinding plant with feed bin • Single product bin (rationalisation of product)	Reduction and simplification of dust generating processes reduces potential exposure
Stormwater Catchment	Single catchment system	Two additional catchment systems	Expansion of existing system functionality, no change
Operational Activities Comparison			
Activity	**Current Practice**	**Proposed Modification**	**Impact to Risk Profile**
Storage of SPL Feed	Storage within Shed 5	No change	None
Feed preparation within Shed 5	Preparation of feedstock and conveyance to rotary kiln with industrial grinding equipment	Improved grinding equipment and processes with reduced operator interaction	Reduction in exposure to operators and reduction in dust emission
Storage of Product	Storage in Shed 6	No change	None
Product Blending	Integrated plant with product blending of commercial products	Separate plants for product preparation, single product with no blending	Reduction in amount of dust generated due to blending, and lower throughput of material

Process Plant Comparison			
Component	**Current Approved**	**Proposed Modification**	**Impact to Risk Profile**
Product delivery and dispatch	Delivery and dispatch by road trailer. Bulk loading for dispatch between Shed 5 and 6 and on access road to north	Delivery and dispatch by road trailer. Bulk loading for dispatch between Shed 5 and 6 only	Reduction in exposure risk due to removal of loading at north access road

Based on the comparison of the existing facility and proposed modification, the activities and process operations to be undertaken do not result in a significant change to the facility risk profile. While the facility will operate more frequently and for longer durations, the hazards are not significantly changed compared to the existing 2009 PHA; the improvement in process technology and lessons learnt during operation of the approved facility are likely to reduce the potential for dust releases within the process. The control measures required are generally consistent with the existing facility, noting that the design of such controls has considered the increased facility throughput (e.g. larger dust collection system).

Preliminary Risk Screening

The proposed modification was assessed against the criteria for Potentially Offensive Developments and Potentially Hazardous Developments provided in *SEPP 33* and *Applying SEPP 33* (NSW DP&I, 2011) respectively. Classification as 'Potentially Offensive Development' or 'Potentially Hazardous Development' guides the requirements with regards to hazard management, and forms the basis of the hazard assessment completed as part of this EA.

Potentially Offensive Development

SEPP 33 defines a "Potentially Offensive Development" as:

> *"a development for the purposes of an industry which, if the development were to operate without employing any measures (including, for example, isolation from existing or likely future development on other land) to reduce or minimise its impact in the locality or on the existing or likely future development on other land, would emit a polluting discharge (including for example, noise) in a manner which would have a significant adverse impact in the locality or on the existing or likely future development on other land, and includes an offensive industry and an offensive storage establishment."*

The SPL treatment plant is considered to be a Potentially Offensive Development based on the presence of crushing, grinding and separating works generally, and specifically with the production of cement additives, as per Schedule 3 of the *Environmental Planning and Assessment Regulation 2000*. The facility is considered to have possible impacts based on noise and air releases, and currently operates under EPL 13269.

Potential environmental impacts associated with the proposed modification to air quality, water quality and noise have been assessed in **Section 7.0** of this EA.

Potentially Hazardous Development

SEPP 33 defines a "Potentially Hazardous Development" as:

> *"a development for the purposes of any industry which, if the development were to operate without employing any measures (including, for example, isolation from existing or likely future development on other land) to reduce or minimise its impact in the locality or on the existing or likely future development on other land, would pose a significant risk in relation to the locality:*
>
> *a. to human health, life or property, or*
>
> *b. to the biophysical environment,*
>
> *and includes a hazardous industry and a hazardous storage establishment."*

The facility is intended to process SPL, which is classified as dangerous good due its potential safety hazards. Whilst the proposed modification does not modify the nature of the dangerous goods stored and handled at the facility, an assessment against the criteria has been conducted due to the increase in processing capacity.

To determine the appropriate level of risk assessment for the development, a preliminary hazard screening was carried out in accordance with *Applying SEPP 33* (NSW DP&I, 2011). The assessment considered the storage and handling of hazardous chemicals at the facility as well as transport of SPL material to the facility and export of treated product from the facility.

Dangerous Goods Storage

The SPL Processing Facility stores and handles SPL, which is classified as a Class 4.3 (PG III) dangerous good. Treated SPL and the various HiCAl products are not classified as dangerous goods and are not considered in the Potentially Hazardous screening assessment. Further, the treated SPL and blending carbon products stored and handled within Shed 6 are non-combustible. As such, there is no risk of dust explosions within Shed 6.

The assessment against the threshold limits provided in *Applying SEPP 33* (NSW DP&I, 2011) is provided in **Table 24**.

Table 24 Dangerous Goods Storage Screening

Chemical	UN	DG Class and Packing Group	Threshold	Quantity on Site	Potentially Hazardous?
Spent Potliner	3170	4.3 (III)	1 tonne	> 1 tonne	Yes

Based on the maximum quantity of SPL stored on site for the proposed modification, the SPL Processing Facility is considered to be a Potentially Hazardous Development. It is noted that the existing facility currently exceeds the threshold and is also considered to be Potentially Hazardous. The proposed modification does not change the Potentially Hazardous assessment.

The threshold quantities described in WHS Regulation Schedule 15 are used in the determination of a facility as a Major Hazard Facility (MHF). Schedule 15 does not include threshold quantities for Class 4.3 Packing Group III material. As such, the facility is not considered to be assessable for determination as an MHF.

Dangerous Goods Transport

The proposed modification is expected to increase the number and frequency of truck deliveries of SPL. Total truck movements for the facility are conservatively estimated to increase to 120 truck movements per week based on an expected increase in production to 60,000 tpa. It is conservatively estimated that of these up to a total of 60 trucks would comprise dangerous goods vehicle movements (i.e. trucks transporting untreated SPL material to the site). The assessment against the threshold limits provided in *Applying SEPP 33* (NSW DP&I, 2011) is provided in **Table 25**.

Table 25 Dangerous Goods Transport Screening

Chemical	DG Class and Packing Group	Threshold		Site Movements		Potentially Hazardous?
		Movements / wk	Minimum Quantity per Load (tonne)	Movements / wk	Maximum Quantity per Load (tonne)	
Spent Potliner	4.3 (III)	> 12	5	60 (total movements)	45	Yes

Based on the Projected number of dangerous goods vehicle movements for the proposed modification, the SPL Processing Facility is considered to be a Potentially Hazardous Development for the transport of dangerous goods. It is noted that the existing facility currently exceeds the threshold and is also considered to be Potentially Hazardous with respect to transport; however the 2009 EA for the existing facility was conducted prior to the 2011 revision of *Applying SEPP 33* (NSW DP&I, 2011) and the requirement for route selection in accordance with *HIPAP No.11 – Route Selection* (NSW DP&I, 2011).

As the facility is Potentially Hazardous for transport, the existing traffic route has been reviewed with consideration of *HIPAP No.11 – Route Selection* (NSW DP&I, 2011) (refer **Section 7.4**). No change to the existing traffic routes are proposed as a result of the Project modification.

Preliminary Hazard Analysis

SPL is classified as a Dangerous Good (Class 4.3) and an Environmentally Hazardous Waste. It requires careful handling and disposal in accordance with regulatory requirements. SPL materials are currently stored within Shed 5 in a number of secure, dry storage areas prior to treatment.

The composition of the SPL material is highly variable. Contaminants that impregnate the SPL come from the dross materials, which can contain up to 10% aluminium and sodium nitrides and carbides. The contamination in the SPL is created through the diffusion of dross into the carbon lining and chemical reactions occurring in the pot.

As per testing and investigation performed for the existing PHA (SKM, 2007), the majority of the SPL consists of:

- Non-activated carbon (10 – 70%);
- Aluminium oxide (10 – 30%); and
- Aluminium (10 – 30%).

Despite being a dangerous good, the concentrations of contaminants are below toxic levels and the Safety Data Sheet (SDS) (attached at **Appendix G**), does not list toxic effects. SPL is considered to be relatively non-hazardous due to the low concentrations of the toxic constituents and manageable exposure risks using engineering and procedural controls, as described in the 2007 SKM PHA.

Given the relatively non-hazardous nature of SPL and the lack of nearby sensitive land uses, a qualitative assessment was considered appropriate based on a determination of the facility as a Potentially Hazardous Development and the criteria presented in *Applying SEPP 33* (NSW DP&I, 2011):

> *"A qualitative PHA may be sufficient in the following circumstances:*
>
> - *where the materials are relatively non-hazardous (for example, corrosive substances and some classes of flammables);*
> - *where there are no major worst-case consequences;*
> - *where the technical and management safeguards are self-evident and readily implemented; and*
> - *where the surrounding land uses are relatively non-sensitive."*

As the proposed modification is not introducing additional hazardous material types or processes, the proposed development has been assessed qualitatively through a gap analysis against the PHA (SKM, 2007) prepared for the existing facility. The PHA (SKM, 2007) was conducted in accordance with the 2007 revision of *HIPAP No. 6 – Guidelines for Hazard Analysis* and applied the methodology described in the 2007 revision of the Department of Planning (DoP) *Multi-Level Risk Assessment* for a level 2 analysis. The gap analysis considered potential impacts of the hazardous materials, hazardous incidents and a review of the existing consequence assessment against the revised guidelines.

The gap analysis is presented in **Table 26**.

Table 26 Gap Analysis Against Existing PHA (SKM, 2007)

Element / Consideration (SKM PHA Reference)	Gap Analysis	Does the proposed modification impact the risk profile?
Process technology		
Overall process hazards and operation	No significant change. An additional thermal processing plant and associated equipment will provide additional capacity, but apply the same processing technology as the existing thermal processing plant. Improvements in grinding and material handling processes have been implemented where possible to reduce the potential for dust generation and exposure to personnel. Although the increase in throughput and materials handling will potentially increase dust generation, dust explosions are not considered to be credible as materials testing of the SPL products and blending carbon conducted by Simtars indicates the dusts are not explosible.	No
Operation of two kilns	Simultaneous operations (SIMOPS) issues are limited as facilities are located adjacent to each other but have separate supporting infrastructure (e.g. dust extraction and collection). No significant interdependence identified, operating personnel shared across facilities.	No
Hazardous Properties of Materials		
Spent Potline Material (**Section 4.1 & 4.2**)	The proposed modification does not change the material properties or relative composition of the SPL feed material. While the increased treatment capacity may allow SPL to be obtained from additional sources, the facility currently treats both First Cut and Second Cut SPL. It is considered that the facility is suitable for the expected range of SPL feed materials.	No
Product Material (**Section 4.9**)	The proposed modification does not directly impact the quality or type of products produced at the facility. It is noted that treated SPL is no longer considered a dangerous good. A detailed review of the product SDS following the 2007 SKM PHA identified that the constituents of the SPL may include carbon fines which may present a dust explosion hazard. Materials testing completed by Simtars on the Shot/Butt Blast Carbon, Thermally Treated 'First Cut' and Thermally Treated 'Second Cut' samples has confirmed that the samples are not explosible over the range of 60 g/m3 to 2000 g/m3 and are not classified as a combustible dust (SIMTARS Final Report R206-0076-17/18). As such, the increased handling frequency and throughput do not increase the risk of dust explosions.	No

Element / Consideration (SKM PHA Reference)	Gap Analysis	Does the proposed modification impact the risk profile?
Hazardous Incidents		
Handling SPL Inside Buildings (**Section 4.3**)	The proposed modification will increase the frequency and quantity of material handling operations. The material properties and relative composition of the SPL feed material will not change. The mitigation measures implemented to control dust generation and exposure are considered to remain effective, for instance personnel being located within sealed loader cabins and dust extraction systems.	No
Rain and Water Leaks into Building (**Section 4.4**)	The proposed modification does not change the material properties or relative composition of the SPL feed material. The existing sheds were considered to be suitable to prevent volumes of water which may result in flammable or toxic atmospheres (hundreds of kilograms or tonnes). The structures of the existing storage sheds are not being modified.	No
Rain Water Carried by Trucks (**Section 4.5**)	The handling and storage areas are separated from truck movement operations, and sufficient quantities of water to result in flammable or toxic atmospheres will not be introduced by water on truck wheels or bodies. The SPL feed material will remain the same, and there are no significant changes to the handling operations with regards to rain water.	No
Dust Emissions from Operating Equipment (**Section 4.6**)	The proposed modification does not change the material properties or relative composition of the SPL feed material. Mitigation controls including dust extraction are currently installed at the existing facility, and will be maintained for all existing equipment. A dust extraction system will be provided for proposed plant elements including the drying plant, fine grinding plant and thermal treatment plants. New emission stack with baghouse is being installed to cater for the additional thermal treatment plant. It is noted that the existing PHA considered dust releases from grinding and milling processes. The processes remain generally consistent.	No (Stack emissions covered in Air Quality chapter, **Section 7.1**)
Gas Build Up in Rotary Kiln (**Section 4.7.1**)	No change is proposed to the operation of each rotary kiln. Average throughputs will increase but existing controls will remain in operation.	No
Rotary Kiln Temperature Deviations (**Section 4.7.2 & 4.7.3**)	No change is proposed to the operation of the rotary kiln. Average throughputs will increase, and the existing controls will remain in operation.	No
Thermal Treatment Plant Failure	No change is proposed in the operation of the Thermal Plant. Fan failure alarms and control	No

Element / Consideration (SKM PHA Reference)	Gap Analysis	Does the proposed modification impact the risk profile?
(**Section 4.8**)	systems would be employed during operation.	
Consequence Assessment		
Gas Release from Water Mixing (Appendix B of PHA)	The proposed modification does not change the material properties or relative composition of the SPL feed material. While the increased treatment capacity may allow SPL to be obtained from additional sources, the facility currently treats both First Cut and Second Cut SPL. It is considered that the material reactivity and potential for gas release will not be changed by the proposed modification.	No
Approach and Methodology		
HIPAP and *Multi-Level Risk Assessment*	As the proposed modification meets the criteria in *Applying SEPP 33* for a qualitative assessment, the Level 2 assessment conducted for the existing facility in accordance with *HIPAP No.6* and *Multi-Level Risk Assessment* is considered to be of an appropriate level for the proposed modification. Considering the nature of the feed SPL material in combination with the existing and proposed safeguards, the proposed development is not considered to have any significant off-site impacts and the risks are adequately controlled. The proposed modification is considered to be acceptable based on the qualitative criteria in *HIPAP No.4*.	N/A

Based on the analysis conducted in the PHA (SKM, 2007) and the Preliminary Screening Analysis prepared for the proposed modification in **Section 7.2.2**, the hazards associated with the proposed increase to processing capacity of SPL at the Regain facility do not result in a change to the existing risk profile as a result of the proposed modification.

Potentially offensive impacts from air, noise and water pollution are addressed in **Sections 7.1**, **7.5** and **7.8** respectively. A route selection study has been prepared and is discussed in **Section 7.4**.

7.2.3 Mitigation Measures

Regain commits to the ongoing implementation of environmental controls and safeguards identified in **Section 2.4** and summarised below during operation of the facility.

- Dust control – Storage and handling areas for SPL feed material would be provided with dust extraction systems to capture any dust generated during handling activities and deliver it to bag-houses. Material handling operations would not be permitted unless extraction systems are operational. Operations personnel would be located in sealed vehicle compartments during handling activities.
- Process Dust Control – Process equipment is enclosed and fitted with dust extraction systems to capture fugitive emissions. Process unit dust extraction systems are directed to bag-house units. The ball mill will be provided with dust extraction to a new emission stack. Product hoppers are fitted with hoods to minimise dust generation of non-dangerous goods products.
- Water ingress Control – The storage areas are fully sealed and process equipment is enclosed. Bunds are provided for all storage and process areas. Trucks generally do not enter the storage area unless unloading, and the amount of water entrained on loaders and equipment is not sufficient to generate significant amounts of flammable or toxic gases.

- Bag-houses – Bag-houses are fitted with continuous control and monitoring systems, with high and low differential pressure (blockage and breakage) and high temperature alarms to protect against bag failure.
- Furnace Operations – The furnace is provided with a burner management system in accordance with Australian Standard AS1853 to isolate fuel gas on flame-out and monitor process conditions. Blast panels are provided to limit potential damage in the unlikely event of an internal furnace explosion. Kiln is located away from site boundaries and there is additional separation to industrial areas from site buffer zone.
- Furnace Controls – The burner management system maintains the furnace temperature to prevent over- or under-temperature within the furnace. High and low temperature alarms and controls are provided to alert operations to temperature fluctuations and automatically shut down the plant when required.
- Thermal Treatment Plant Fan – Failure of gas supply shuts down all systems, reducing potential for creation of uncontrolled flammable atmosphere. The hydro mixer is relatively small, and once water supply is isolated the quantity of gas is significantly reduced. During a shutdown, the exhaust fan and dust collector continues for a period to ensure adequate ventilation.
- Treated products stored in Shed 6 and Bulk Product Bin would be maintained in a moist condition.

7.3 Human Health

A Human Health Risk Assessment (HHRA) was prepared to assess potential health risks to surrounding off-site human receptors resulting from exposure to air emissions associated with the Project. The HHRA considered both air emissions generated by the Project during typical operating conditions and the proposed maximum EPL limits (see **Table 21**).

The HHRA addressed the following assessment stages:

1. Issues Identification.
2. Hazard Identification.
3. Dose-Response Assessment.
4. Exposure Assessment.
5. Risk Characterisation.

Chemicals of Potential Concern

Chemicals of potential concern (CoPC) are those chemicals which are suspected to be emitted from the stacks at concentrations that may present a risk to human health. The prime objective of identifying CoPC is to focus the HHRA on assessing chemicals that have the potential to significantly contribute to risks to human health.

The CoPC considered part of this HHRA was sourced from the AQIA (AECOM 2018), which reported the results of air dispersion modelling for the following CoPCs:

- Antimony;
- Arsenic;
- Cadmium;
- Chromium;
- Lead;
- Manganese;
- Mercury;
- Nickel;

- Acetone;
- Benzene;
- Toluene;
- Cyanide;
- Dioxins and Furans; and
- Total PAHs as benzo(a)pyrene and naphthalene.

Potential Off-Site Human Receptors

The following human receptors were considered in the HHRA based on the surrounding land uses:

- Off-site residents, includes caravan parks;
- Off-site commercial workers; and
- Off-site recreational users.

Exposure Pathways

Pathways that have been considered to be complete for the Site and were assessed in the HHRA include:

- Inhalation of vapours and dust in indoor and outdoor air (inhalation pathway assessment);
- Ingestion of home-grown fruit and vegetables by residents (multiple exposure pathway assessment);
- Ingestion of home-grown beef (multiple exposure pathway assessment);
- Ingestion of eggs from home-grown chickens by residents (multiple exposure pathway assessment); and
- Ingestion of breastmilk by infants (multiple exposure pathway assessment).

A summary of the AQIA is provided below. The complete HHRA is provided at **Appendix F.**

7.3.1 Existing Environment

A Conceptual Site Model (CSM) is a site-specific qualitative description of the source(s) of contamination, the pathway(s) by which contaminants may migrate through the environmental media, and the populations (human or ecological) that may potentially be exposed. This relationship is commonly known as a Source-Pathway-Receptor (SPR) linkage. Where one or more elements of the SPR linkage are missing, the exposure pathway is considered to be incomplete and no further assessment is required.

The CSM for the Site has been prepared in accordance with Schedule B2, ASC NEPM (2013).

Table 27 Potential Exposure Pathways

Exposure Pathway	Off-site Residents	Off-site Commercial Workers	Off-site Recreational User
Vapour			
Inhalation of stack-derived vapour in indoor air	✓	✓	✓
Inhalation of stack-derived vapour in outdoor air	✓	✓	✓
Soil / Deposited Dust			
Incidental Ingestion of surficial soils following dust deposition	✓	× (a)	× (c)
Dermal Contact with surficial soils following dust deposition	✓	× (a)	× (c)

Exposure Pathway	Off-site Residents	Off-site Commercial Workers	Off-site Recreational User
Ingestion of home-grown fruit and vegetables	✓	× (a)	×
Ingestion of eggs from home-grown chickens	✓	× (a)	×
Ingestion of home-grown beef	✓	× (a)	×
Ingestion of breastmilk	✓	× (b)	× (c)

Notes: × – incomplete pathway
✓ – complete pathway

a. Based on the surrounding land use desktop inspection undertaken by AECOM, commercial properties were typically capped with hardstand and therefore soil is not exposed for direct contact. Additionally, these commercial properties were not used to grow home-grown produce.

b. The assessment of ingestion of breastmilk by a resident mother is considered to be protective of a commercial worker mother or a recreational user mother as the resident is exposed by more pathways and for longer periods of time.

c. The assessment of direct contact with soil for residential receptors is considered protective of recreational users and maintenance workers as the resident is exposed for longer periods of time.

7.3.2 Potential Impacts

Scenario 1 (Normal Operational Conditions)

Using maximum annual average exposure point concentrations (EPCs) and grid maximum EPCs, estimated conservative screening (upper-bound) Incremental Lifetime Cancer Risk (ILCR) estimates for off-site receptors considered in the inhalation and multiple pathway assessments were found to be below the adopted acceptable risk level of 1 x 10-5, and hazard indices were below the adopted acceptable hazard index of 1.0.

Overall the estimated health risks to off-site residents, recreational users and commercial workers from vapour and particulates emitted from the Site were considered low and acceptable.

Scenario 2 (Operational Conditions at Proposed Maximum EPL Limits)

Using the maximum annual average EPCs estimated conservative screening (upper-bound) ILCR estimates for off-site receptors considered in the inhalation and multiple pathway assessments were found to be below the adopted acceptable risk level of 1 x 10-5, and hazard indices were below the adopted acceptable hazard index of 1.0.

Using the grid maximum EPCs estimated conservative screening (upper-bound) ILCR estimates for off-site residents considered in this multi-exposure parameter assessment for Scenario 2 were found to be below the adopted acceptable risk level of 1 x 10-5, and the hazard indices were marginally above the adopted acceptable hazard index of 1.0. However, this scenario is considered to be overly conservative (i.e. a resident exposed to the modelled maximum annual average concentration at the operational conditions for the proposed maximum EPL limits for all Chemicals of Potential Concern (CoPC), for 24 hours a day, 365 days a year for 30 years). Scenario 2 is representative of theoretical worst case impacts operating at licence limits and is unlikely to be realised. Additionally, the grid maximum location was identified approximately 80 metres (m) north-west of the Site, on land currently zoned as General Industrial and not as residential land.

Risk estimates were based on a number of conservative assumptions and were considered to overestimate actual risk to receptors, it is generally not considered necessary to further refine the assumptions given that the risk estimates were below adopted acceptable levels. Overall the estimated health risks to off-site residents, recreational users and commercial workers from inhalation and residents from direct contact pathways under normal and proposed maximum licence limit operating conditions were considered low and acceptable.

7.3.3 Mitigation Measures

The environmental controls nominated in **Section 2.4** would be implemented during operation of the facility to minimise dust generated by the Project and capture and control fugitive emissions and are considered adequate to address potential risks to human health.

7.4 Traffic and Transport

7.4.1 Background

An EA was previously lodged in support of an increase in production capacity of the Tomago Aluminium smelter (DA 392/80 and DA 4908/90) (ENSR|AECOM, 2009) (2009 Tomago Aluminium EA). The 2009 Tomago Aluminium EA assessed the traffic and transport impacts associated with an increase in production capacity of the Tomago Aluminium smelter to a maximum of 575,000 tonnes per annum of aluminium.

The traffic impact assessment included as part of the 2009 Tomago Aluminium EA report indicated the existing raw material haulage route from Old Punt Road, via the Pacific Highway would continue to be used. However, an alternative route via Stockton Bridge and Williamtown was also identified to provide access to the Port of Newcastle and to be used in the event of extended delays or in case of accidents along the existing route.

The anticipated truck movements resulting from the proposed increase in production at the Tomago Aluminium smelter proposed as part of 2009 Tomago Aluminium EA are presented in **Table 28.**

Table 28 Anticipated Daily Truck Movements at Tomago Aluminium Smelter by 2014

Tucking Type	Anticipated Total
Alumina truck	213
Coke truck	39
Aluminium truck	202
Total	**454**

Table 28 indicates that Tomago Aluminium smelter was expected to generate 454 truck movements per day as part of the proposed increase in production envisaged to be completed by 2014. It was concluded that the net increase in traffic resulting from increased production was not likely to impact upon the safety or operation of the existing road network. Furthermore, it was noted that the recent upgrade and signalisation of the Old Punt Road and Pacific Highway intersection would adequately accommodate any additional truck turning movements and improve road safety at the intersection. The earlier traffic impact assessment was reviewed in detail to understand the requirements of an additional traffic study for the Project.

7.4.2 Existing Environment

The current operation of the Regain facility requires trucks for the delivery of SPL materials to the site, and the transfer of the recycled product material to its various destinations at brick and cement industries. The current operation of the facility is associated with 30 truck movements per week. The existing operation also accepts internal, deliveries of SPL material from the Tomago smelter which does not involve truck movements on the public road network. Passenger vehicles access the facility via the smelter's main entry off Tomago Road and use the existing TAC car park located near the main entrance.

Route Selection

Route selection is particularly important in this case as the raw material for the facility is a dangerous good. This study has identified routes and included ranking for each based on the guidelines present in *Hazardous Industry Planning Advisory Paper No 11: Route Selection*. The general factors that are considered for evaluating potential routes include traffic and roads, environmental and land use safety and transport economics. Not that full consideration of other hazards associated with the operation of the Project are provide in **Section 7.2**.There are specific mandatory considerations such as physical processes that need to be assessed during route selection. These are summarised as follows:

- **Definition of the transport area:** It is required from a traffic perspective and should include the identification of the road network through which traffic generated by the Project may traverse. Section on *Traffic Volumes* provides the expected traffic volumes likely to be generated by the capacity augmentation of the facility. It indicates that the Project will only result in a minor

increase of traffic and therefore is not expected to cause a significant effect on the transport network.

- **Identification of hazardous materials, source and destination:** is required to allow specific risk calculations to be carried out. Volume of traffic for the various types of hazardous materials is also required. A source of SPL for the facility, apart from TAC, is expected to be Kurri Kurri Hydro Aluminium located in Loxford, NSW and the remaining is anticipated to come using containerised freight via rail through Pacific National Rail Terminal, Carrington, NSW and through the Port of Newcastle. It may be noted that the processed product in this case is not a dangerous good and therefore these considerations do not apply for the outgoing materials from the facility.
- **Identification of the preferred hazardous goods route:** This step involves identification of the preferred transport routes over alternatives. The existing transport routes to the Regain facility have been considered as the primary haulage route for the incoming raw materials and an alternative route from the Port of Newcastle has also been identified. In addition to this, potential routes for hauling raw materials from Pacific National Rail Terminal, Carrington and Rail terminal at Sandgate have also been reviewed.
- **Comparison and ranking of potential routes:** This involves a comparison of each potential route and rating relative strengths and weaknesses, against each of the main factors. The primary and alternative route is then ranked for comparison.
- **Selection of suitable routes:** Suitable routes need to be selected based on a balanced judgement taking into account both the qualitative and quantitative results of their comparison. Based on comparison and ranking, the most suitable route is identified.
- **Identification of risk management measures:** It includes opportunities for risk reduction where the evaluation shows undesirable levels of risk along the preferred routes. The potential routes under consideration have been identified to have acceptable levels of risk. Therefore, no risk management measures are required for the identified routes.

A source of SPL for the facility is expected to be Kurri Kurri Hydro Aluminium located in Loxford, NSW and the remaining is anticipated to come using containerised freight via the Sandgate NSW and Carrington, NSW rail terminals and through the Port of Newcastle. The potential routes for the delivery of raw materials from these key sources are presented in **Table 29.**

Table 29 Potential Haul Routes from Primary Origin Sources

Source Location	Route ID	Potential Haulage Routes
Kurri Kurri Hydro Aluminium (Source A)	Route A1	Hunter Expressway>John Renshaw Drive>New England Highway>Pacific Highway>Old Punt Road
	Route A2	Hunter Expressway>Pacific Motorway>John Renshaw Drive>New England Highway>Pacific Highway>Old Punt Road
	Route A3	Hunter Expressway>Main Road>Cessnock Road>Les Darcy Drive> New England Highway>Pacific Highway>Old Punt Road
Port of Newcastle (Source B)	Route B1	Cormorant Road>Tourle Street>Industrial Drive>Maitland Road>Pacific Highway>Old Punt Road
	Route B2	Nelson Bay Road>Cabbage Tree Road>Tomago Road>Old Punt Road
Rail Terminal, Carrington, NSW (Source C)	Route C1	Selwyn Street>George Street>Industrial Drive>Maitland road>Pacific Highway>Old Punt Road
	Route C2	Selwyn Street>Pacific Highway>Hubbard St>Chinchen St>Clyde St>Christo Rd>Griffiths Rd>Main Rd>Maitland Rd>Pacific Highway>Old Punt Road
Rail Terminal, Sandgate, NSW (Source D)	Route D1	Old Maitland Rd>Maitland Road>Pacific Highway>Old Punt Road

Based on the potential haul routes identified in **Table 29,** each route was ranked based on the parameters that need to be considered during route selection for transport of hazardous materials. In order to rank the routes, a five-point scale was adopted with 5 being the most preferred and 1 being the least preferred. To ensure proper weighted values for each parameter, weights of 5 and 10 were assigned to each as indicated in **Table 30.**

Table 30 Ranking of Potential Haulage Routes

Route ID	Road Hierarchy (Wt.5)	Travel Speed (Wt.5)	Land Use (Wt.10)	Transport Costs (Wt.10)	Weighted Ranking
Route A1	4.5	4	4.5	5	137.5
Route A2	5	4	5	3.5	130
Route A3	3	3	3	4	100
Route B1	4	3	3	5	115
Route B2	3	2.5	4	4	107.5
Route C1	4	3	4	4	115
Route C2	2.5	2.5	2.5	2	70
Route D1	4	3.5	4	4	117.5

The preferred routes from the key sources of origin are Route A1, Route B1, Route C1 and Route D1. Therefore, the facility is expected to use Route A1, B1, C1 and D1 for incoming raw materials. These routes form part of the existing haul routes to the existing Regain facility and Tomago smelter.

The primary haul route that will be used for delivery of raw materials and transport of product primarily includes the following public roads:

- Pacific Highway;
- New England Highway;
- Hunter Expressway;
- John Renshaw Drive.
- M1 Pacific Motorway;
- Maitland Road;
- Industrial Drive;
- Tourle Street Bridge and;
- Cormorant Road.

The Regain facility is accessed via Old Punt Road, off the Pacific Highway. A private road links the TAC smelter site with Old Punt Road. Internal access roads are used to access the Regain facility.

The Pacific Highway provides connectivity to the Port of Newcastle or the M1 (Pacific Motorway) which enables the import of SPL materials for treatment and distribution of Regain products to customers. It may be noted that the processed material is not a dangerous good and therefore guidelines related to transport of dangerous goods do not apply to the distribution of processed materials. Details of the type of processed products are available in the previous sections for reference. A description of each of the roads used in the existing haulage route is provided in **Table 31** below. The primary access route for raw materials is shown in **Figure 10** considering the key sources of raw materials.

Table 31 Description of roads used in haulage route

Road	Description
Old Punt Road	Old Punt Road is a two-lane road which connects to the Pacific Highway from the east through an all movement intersection. Old Punt Road connects to a private road which links to the Tomago Aluminium smelter. The intersection of Old Punt Road and the Pacific Highway was upgraded to improve traffic conditions. The upgrades included installing traffic control signals; providing an improved left-turn lane from Old Punt Road to the Pacific Highway; and lengthening the merge lane on the Pacific Highway from Old Punt Road.
Pacific Highway	The Pacific Highway is a major transport route which links Sydney and Brisbane along the eastern coast of Australia. The section of the Pacific Highway near the Tomago Aluminium smelter has 2 lanes in each direction. The Hexham Bridge carries the Pacific Highway over the Hunter River and has 2 lanes in the southbound direction and 3 lanes in the northbound direction. It is also an RMS designated B-double route.
Hunter Expressway	Hunter Expressway (M15) is an expressway with 2 lanes in each direction across a divided carriageway. The speed limit on this road is 110 km/hr. It connects Newcastle link road with New England Highway. It is also an RMS designated B-double route.
John Renshaw Drive	John Renshaw Drive (B86) connects New England Highway with Hunter Expressway and continues into Kurri Kurri area. It is a two-lane undivided road that is an RMS designated B-double route. John Renshaw Drive has a speed limit of 100km/hr in either direction and reduces to 60km/hr near exits and intersections.
New England Highway	The New England Highway forms part of the National Land Transport Network and is a major freight and commuter route between Newcastle and the Upper Hunter. The section of the New England Highway in the vicinity of the TAC smelter has 2 lanes in each direction. The New England Highway provides connectivity to the M1 Motorway via John Renshaw Drive. It is also an RMS designated B-double route.
Industrial Drive	Industrial Drive is met by Tourle Street at an all movement intersection. The road is approximately 5.5km in length and is a two-lane dual carriageway. It is also an RMS designated B-double route.
Tourle Street	Tourle Street is the continuation of Cormorant Road over the southern arm of the Hunter River to the southern mainland. Tourle Street provides a direct route between Newcastle, the industrial area and Newcastle Port facilities on Kooragang Island. The 1km sealed bridge consists of one lane in each direction. Tourle Street has a speed limit of 60km/hr in either direction. It is also an RMS designated B-double route.
Cormorant Road	Cormorant Road is located on Kooragang Island, which is the site of a deep-water port for the export of coal, and a major heavy industrial area in Newcastle. Cormorant Road is a sealed road that predominantly consists of one lane in each direction. The eastern section of the road widens into a duel carriageway in each direction. There is a speed limit of 60km/hr in the westbound direction and 80km/hr in the eastbound direction. It is also an RMS designated B-double route.

The roads used in the haulage route are all designated B-double routes and therefore it is imperative that they have all been designed to ensure safe movement of large trucks. The primary egress routes for the processed material are shown in **Figure 11**. It may be noted that the processed material is not a dangerous good and therefore transport of the processed goods from the augmented facility does not require considerations related to transport of dangerous goods.

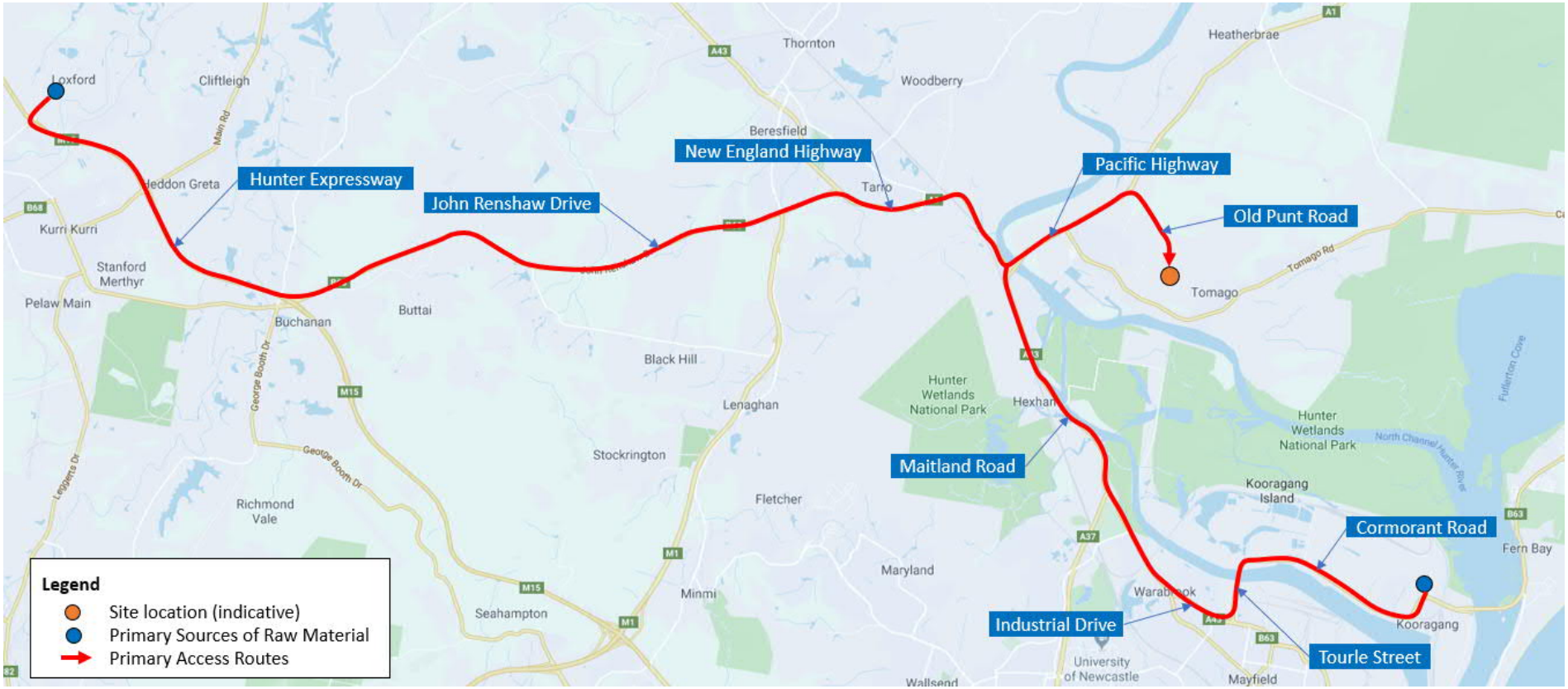


Figure 10 Primary Access Route for Raw Materials

Figure 11 Primary Egress Route for Processed Products

An alternative haulage route is also available from the Port of Newcastle, and a description of the proposed roads is provided in **Table 32.** This route is also an RMS designated B-double route. This alternative transport route would be used for the transfer of raw materials between the Port of Newcastle and the smelter. The alternative haulage route is proposed for use only in case of an unforeseen event, such as a road closure or accident on the existing approved route.

The alternative route through Stockton Bridge will be via the following roads:

- Cormorant Road;
- Teal Street;
- Stockton Bridge;
- Nelson Bay Road;
- Cabbage Tree Road; and
- Tomago Road.

The proposed alternative route is classified as a B-double route and is therefore suitable for use during an emergency. The primary route for the incoming raw materials and outgoing finished products will be through Pacific Highway and Old Punt Road.

Table 32 Description of roads which might be used as an alternative route

Road	Description
Cormorant Road	Cormorant Road is located on Kooragang Island, which is the site of a deep-water port for the export of a variety of commodities, primarily coal, and a major heavy industrial area in Newcastle. Cormorant Road is a sealed road that predominantly consists of one lane in each direction. The eastern section of the road widens into a dual carriageway in each direction. There is a speed limit of 60km/hr in the westbound direction and 80km/hr in the eastbound direction.
Teal Street	Teal Street is located on the eastern side of Kooragang Island and is a dual carriageway for its length in each direction and is connected to Cormorant Road by a roundabout. Teal Street is a four-lane divided classified road (MR108) providing a connection to the north eastern suburbs such as Fern Bay. Teale Street is the main east-west connection in Kooragang Island. It provides access to the Stockton Bridge and there is a speed limit of 80km/hr in both directions.
Stockton Bridge	Stockton Bridge is the continuation of Teal Street and turns into Nelson Bay Road on the eastern side of the Hunter River. The road is a dual carriageway in both directions.
Nelson Bay Road	Nelson Bay Road is the continuation of Teal Street over the Stockton Bridge. It is a major north south route, providing access from Nelson Bay through to Newcastle CBD via Kooragang Island. It is a key strategic freight route providing road access to Newcastle Airport. From Teal Street to the Bayway Village, Nelson Bay Road is a four-lane divided classified road (MR108) signed at 80km/h in both directions. From Bayway Village to the north east of the Port of Newcastle, Nelson Bay Road is predominantly a two-lane undivided road signposted at 70km/h in both directions of travel.
Cabbage Tree Road	Cabbage Tree Road is a single lane carriageway in each direction with a speed limit that varies between 60km/hr to 90km/hr. It connects the Nelson Bay Road with Tomago Road.
Tomago Road	Tomago Road is a continuation of Cabbage Tree Road and is also a single lane carriageway in each direction. The road has a speed limit that varies between 80km/hr and 90km/hr.

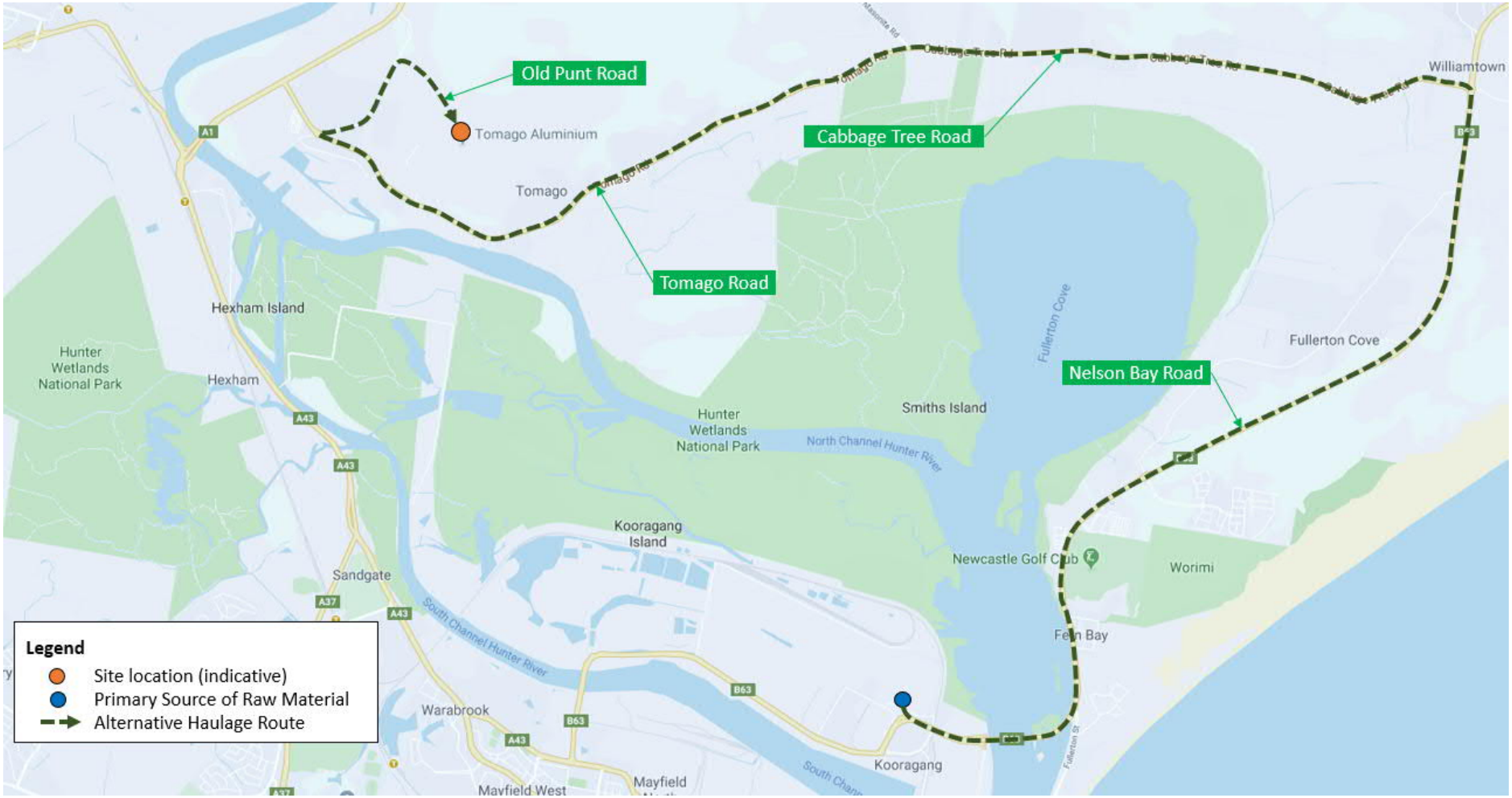


Figure 12 Alternative Haulage Route

Traffic Volumes

Old Punt Road provides access to vehicles travelling to and from both the Regain facility and TAC aluminium smelter. Daily truck movements associated with operation of the TAC smelter were estimated at 418 truck movements per day in 2009 (ENSR|AECOM, 2009). Conservative estimates of 454 truck movements per day were identified within an Environmental Assessment lodged in support of an increase in production capacity of the TAC smelter (DA 392/80 and DA 4908/90) (ENSR|AECOM, 2009). However daily truck movements associated with operation of the TAC smelter were estimated at 134 based on truck movements to the TAC smelter in July 2016 (TAC, 2016).

Truck movements were estimated at 30 movements per week for the Regain facility in the 2009 EA (based on the Project configuration as proposed at the time). Truck movements associated with the TAC smelter were estimated at 1140 truck movements per week in the 2009 EA.

The daily total truck movements observed during the operations of Tomago Aluminium smelter in 2016 were significantly lower when compared to the truck movements predicted in the 2009 Tomago Aluminium EA. A comparison between the predicted and observed truck movements are presented in **Table 33.**

Table 33 Comparison of estimated and predicted truck movements generated by Tomago Aluminium smelter

Source Data	Truck Movements (per day)
Overall truck movements from Tomago Aluminium smelter estimated as part of 2009 EA Report	454
Observed truck movements from Tomago Aluminium Smelter (Tomago Aluminium, 2016)	134
Difference	-70.5%

Traffic count data is available from the NSW Roads and Maritime Services (RMS) database for the Pacific Highway and is collected by a permanent traffic counter installed approximately 380m west of Tomago Road. Traffic count data is also available on Tourle Street, 310m east of McIntosh Drive and is collected by permanent traffic counter. These locations are shown in **Figure 13** and the traffic data is summarised in **Table 34.**

Table 34 Historical traffic counts (RMS, 2018)

Location	Direction	2012	2013	2014	2015	2016	Average % Growth per year
Pacific Highway	Northbound	21,560	21,701	20,791	23,404	23,930	+ 2.6%
	Southbound	21,249	21,291	21,834	23,938	23,475	+ 2.5%
	Total	**42,809**	**42,992**	**42,625**	**47,342**	**47,405**	**+ 2.6%**
Tourle Street	Northbound	14,062	13,815	13,505	13,636	-	- 1.0%
	Southbound	14,005	13,835	13,575	13,774	-	- 0.6%
	Total	**28,067**	**27,650**	**27,080**	**27,410**	-	- 0.8%

Source: RMS Traffic Count Database

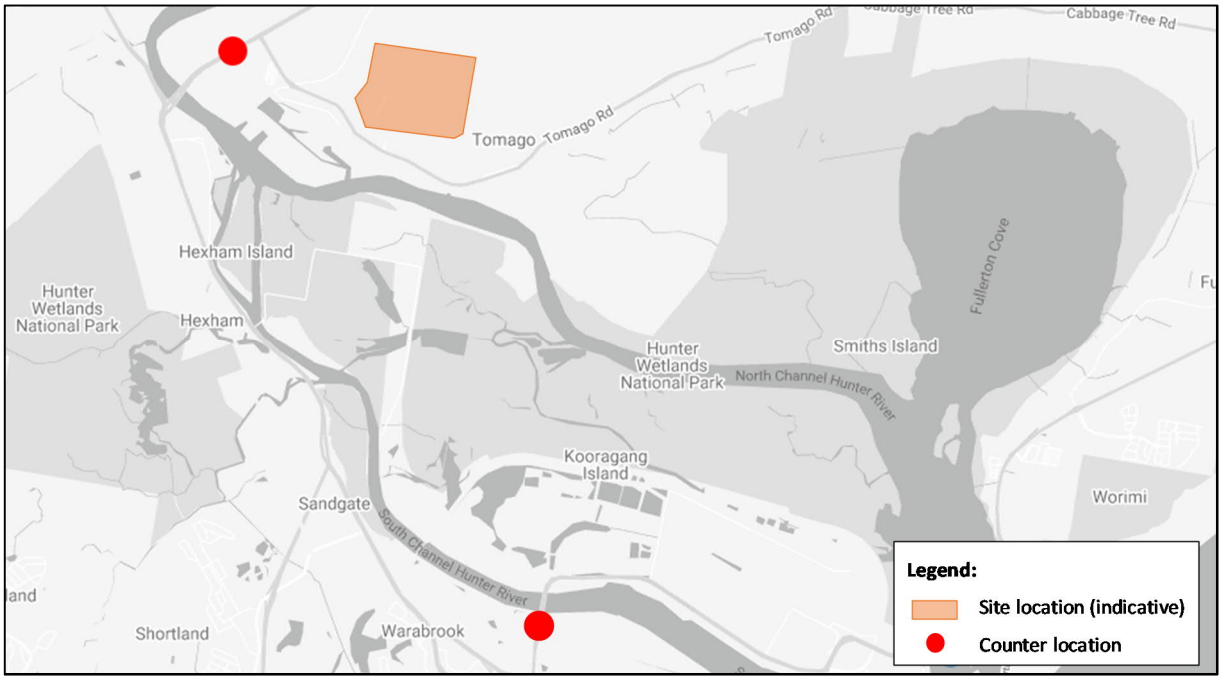


Figure 13 Location of traffic count collectors

Using the growth rates identified in **Table 34,** existing (2018) and future (2023) Average Annual Daily Traffic (AADT) data has been calculated for the roads and is shown in **Table 35.**

Table 35 Existing and Future Traffic Volumes

Road	Location	Available Counts	% growth per year	2018	2023
Pacific Highway	380m west of Tomago Road	47,405 (2016)	+2.6%	49,902	56,735
Tourle Street	310m east of McIntosh Drive	27,410 (2015)	+1.0%*	28,409	30,155

* Assumed to increase at 1% due to proposed infrastructure upgrades

RMS data available online for the peak hour volumes and directional distribution for the previous years was used to estimate the likely peak hour traffic volumes along these corridors.

The predicted peak hour traffic in year 2023 and the likely volume capacity ratio (V/C) is presented in **Table 36**. There is sufficient additional capacity to handle the estimated future increases in traffic along these corridors.

Table 36 Future Mid-Block Assessment (2023)

Road	Location	Capacity veh/hr	Peak Hour Volume Factor	Average Critical Peak Hour Traffic (2023)	V/C
Pacific Highway	West of Tomago Road	3,800	8.2%	2,329	0.61
Tourle Street	East of McIntosh Drive	3,000	8.4%	1,262	0.42

The performance of two key intersections along the Industrial Drive is presented in **Table 37**. The intersections currently operate at acceptable levels of service (LOS). The locations of these intersections are presented in **Table 14.**

Table 37 Intersection LOS of Key Junctions along Industrial Drive (Source: AECOM, 2017)

Intersection	Year	Vehicles per Hour	V/C	Avg. Delay	LOS
Tourle Street / Industrial Drive*	2016	5,460	1.02	44.10	D
Werribi Street / Industrial Drive	2016	4,116	0.852	19.10	B

*The performance assessment was based on previous junction configuration. Intersection performance is expected to improve significantly after the proposed *Duplication of Tourle Street / Cormorant Road* is complete.

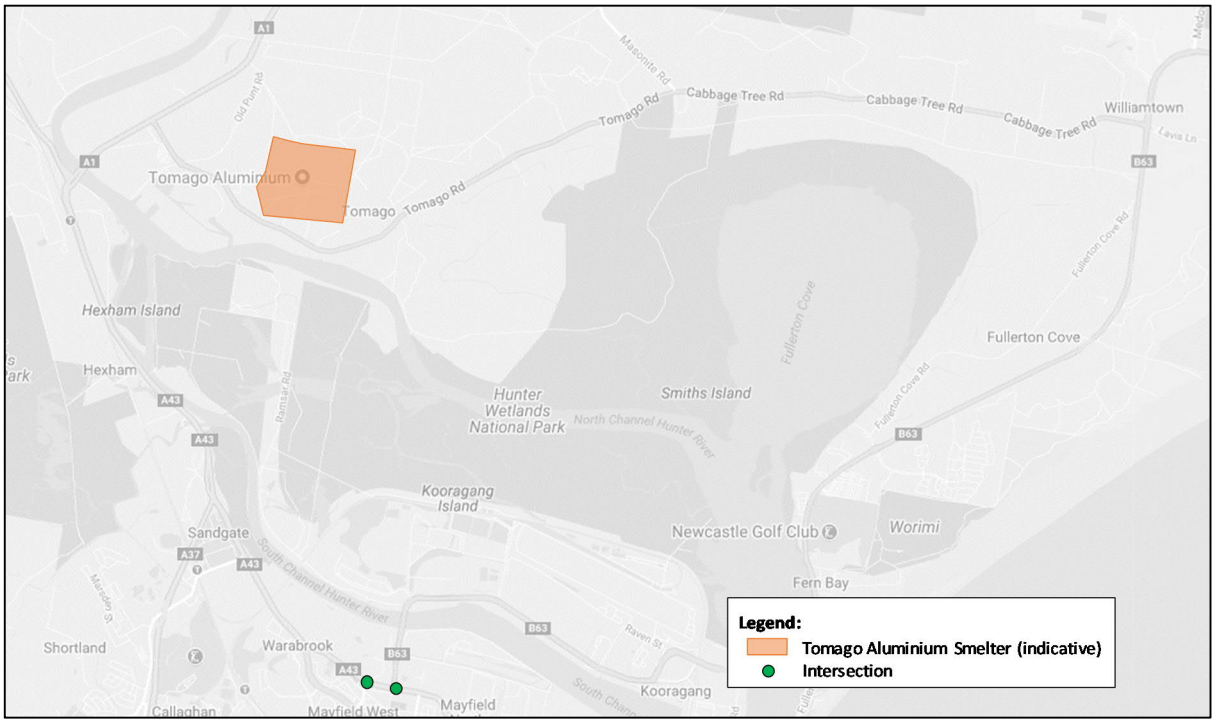


Figure 14 Key Junctions along Industrial Drive

7.4.3 Potential Impacts

Potential construction traffic impacts

During construction there would be a minor and temporary increase in heavy and light vehicles accessing the site via the Tomago Aluminium smelter site. Traffic generated during construction would be similar to that assessed in the 2009 EA, which included 12 over-dimension and 35 standard semi-trailer deliveries accessing the site throughout the eight to ten month construction period. There would be approximately 5 to 10 additional light vehicles accessing the facility during the construction period. This represents a minimal increase in traffic volumes and is expected to result in negligible impacts to the existing traffic network.

Standard safety protocols would be followed during the construction period to ensure that construction traffic would have minimal impact on the safety and capacity of the surrounding road network. To reduce the potential impacts of construction traffic, all construction contractors would be required to follow the existing Regain and Tomago site traffic management measures to ensure safety and minimise potential impacts to traffic flow on the surrounding road network.

Based on the number of construction traffic movements, past intersection upgrades carried out by the RMS, and the proposed traffic management measures outlined above, the construction of the Project is not anticipated to have a significant impact on the safety or capacity of the existing road network.

Potential operational traffic impacts

Increased traffic movements

Estimated truck movements established based on a conservative approach is shown in **Table 38.** These estimates consider variability in truck size, loads and existing site practice of batching product deliveries. It is considered that these estimates likely overestimate truck movements generated by the Project during typical operation of the Regain facility and may therefore be considered a worst case estimate.

Table 38 SPL Facility Anticipated Increase in Truck Movements

	Additional Movements Per Week (in/out) [1]	Additional Movements Per Day (in/out)	Additional Movements during Peak Hour (in/out) [2]
Total truck movements	90	13[3]	13[3]
Inbound	45	6	6
Outbound	45	6	6

[1] An in:out split of 50:50 is assumed.
[2] It is assumed that the daily truck movements may occur during the peak hour.
[3] This is a rounded estimate.

The conservative estimates in **Table 38** indicate that the Project would potentially generate up to 13 two-way movements during the peak hour in the most conservative scenario. The total future truck traffic likely to be generated by the Project and the Tomago Aluminium smelter site is provided in **Table 39**. The additional truck traffic generated by the Project is expected to result in a 3% increase in the total traffic movements from the Tomago Aluminium smelter site.

Table 39 Traffic movements

Scenario	Truck Movements Per Day
Existing Tomago Aluminium Facility as per 2009 Tomago Aluminium EA.	454
Additional traffic from the Project	13
Total Truck Traffic	471
% Increase	3%

Assessment of potential impacts to the road network

The Project is estimated to result in an additional 90 truck movements per week compared to the existing 30 truck movements per week. Therefore, it is estimated that the Project would generate a total of 120 truck movements per week.

Table 40 shows the additional truck movements as a proportion of the existing AADT along the roads of the haulage route.

Table 40 Additional Truck Movements as a proportion of existing AADT

Road	Existing AADT (2018)	Additional weekly movements	Additional daily movements	% of Existing Traffic
Pacific Highway	49,902	90	13	0.03%
Tourle Street	28,409	90	13	0.05%

Table 40 shows that the additional truck movements would comprise no more than 0.05% of the existing traffic on the key roads along the existing haulage route. There would be no additional passenger vehicle movements associated with operation of the modified facility, as the existing workforce is not expected to change.

The RMS Guide to Traffic Generating Developments includes a schedule of consultation and points of referral for any development. An industrial development that is of a scale less than those on Schedules 1 and 2 of the RMS Guide does not require RMS consultation. The 13 additional movements per day is less than is shown on Schedules 1 and 2 and is therefore considered to have negligible impact.

Considering the low traffic volumes generated by the Project (13 two-way movements per day), the Project is expected to have limited impact on the overall intersection performance and would not result in a change to intersection level of service performance or mid-block capacity performance.

Access and amenity of surrounding uses is unlikely to be impacted by increased traffic volumes. The facility would not require any change to car parking at the site as the existing car park complies with relevant guidelines and standards.

Infrastructure Upgrades

The 2009 Tomago Aluminium EA noted that improvement works had recently been completed by RMS at the intersections of Old Punt Road / Pacific Highway and Tomago Road / Pacific Highway. Traffic control signals and other traffic improvements were installed at both intersections to improve safety for road users. These intersections are considered to be suitable for use by heavy vehicles and include dedicated acceleration and deceleration lanes. The minor increase in traffic volumes generated by the Project would not change the level of service of these intersections or impact road safety during construction or operation. Current layouts of these two intersections have been presented in **Figure 15** and **Figure 16.**

Heavy vehicles for the Project would travel on public roads along the same haul route currently accessed by existing trucks travelling to and from the facility. Given the existing traffic volumes using the road network between the Tomago Aluminium facility, the Port of Newcastle, and other main delivery destinations, the increase in traffic load is considered to be minimal. The 2009 EA concluded that all intersections provide adequate geometric layouts to cater for heavy vehicles.

The intersection of Pacific Highway/ Old Punt Road is a 3-leg signalised intersection. A westbound slip lane is provided from Old Punt Road into Pacific Highway. Pacific Highway is generally two-lanes in each direction with a 215m deceleration lane and a 130m acceleration lane on the western leg and a 120m acceleration lane with an 85m deceleration lane on the eastern leg. The intersection layout highlighting the lengths of acceleration and deceleration lanes is presented in **Figure 15.**

Figure 15 The intersection of Old Punt Road / Pacific Highway

The intersection of Pacific Highway/ Tomago Road is a 3-leg signalised intersection permitting left turns only from Tomago Road into Pacific Highway. The Pacific Highway includes two lanes in each direction and two 215m deceleration lanes from the west and a 135m acceleration lane from the east. Tomago Road is generally one lane in each direction with 140m deceleration lane and a 120m acceleration lane. The intersection layout highlighting the lengths of acceleration and deceleration lanes is presented in **Figure 16** .

Figure 16 The intersection of Tomago Road / Pacific Highway

Future Infrastructure Upgrades

There are also other infrastructure upgrades proposed along the haulage route as indicated in a study for the Port of Newcastle Port – Strategy Road Transport and Traffic Assessment (AECOM, 2017). Whilst the Project has been demonstrated to be able to operate with minimal impact upgrades identified in this study would alleviate congestion related to background traffic growth.

1. M1 Pacific Motorway Extension to Raymond Terrace

RMS is currently investigating the extension of the motorway from the M1 Pacific Motorway at Black Hill to the A1 Pacific Highway at Raymond Terrace since 2004. The Project involves building about 15 kilometres of four-lane divided road that will bypass Beresfield, Tarro, Hexham, Tomago and Heatherbrae. The extension would connect the M1 directly to the A1 northbound, which is the strategic road corridor to Brisbane, and aims to alleviate congestion caused by vehicles leaving the M1 to join the A1 at the roundabout intersection with John Renshaw Drive. The new motorway would significantly reduce traffic congestion on existing connections (i.e. New England Highway and Pacific Highway).

These improvements would further reduce the number of vehicles reaching the intersections at Tomago Road and Old Punt Road, thereby resulting in significant improvements on the levels of service and safety. The proposed upgrade in the vicinity of the site is presented in **Figure 17.**

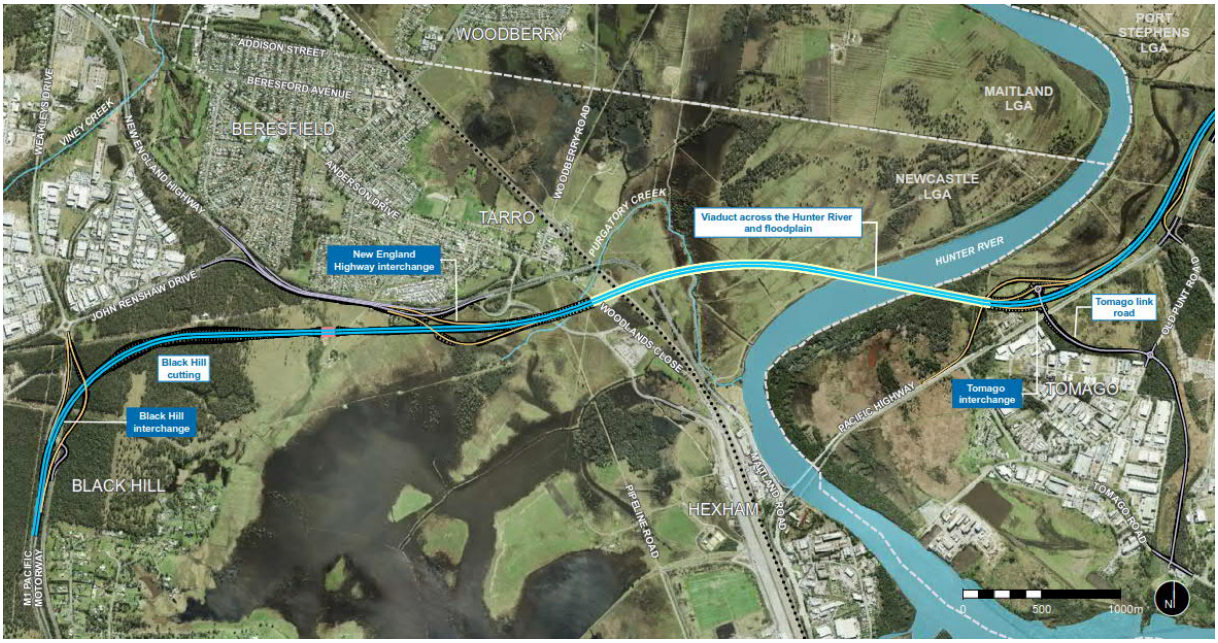
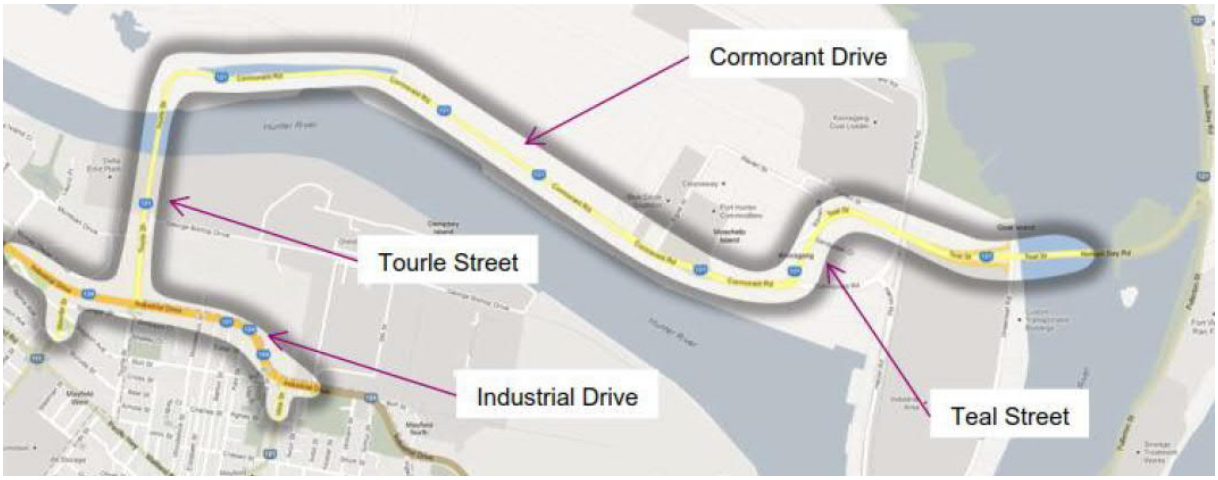


Figure 17 Proposed M1 Pacific Motorway to Raymond Terrace Alignment

2. Kooragang – Duplication of Tourle Street / Cormorant Road

Tourle Street and Cormorant Road, located on Kooragang Island, provide an important connection between Newcastle and Port Stephens that serves as a strategic commercial link for the various developments adjacent to these areas. To maintain this connection, RMS has investigated both short term and long-term improvements for the corridor that include the resurfacing and widening of the shoulders along the parts of Cormorant Road and extending the westbound merge sections on Cormorant Road, which was completed in July 2012. The long-term plan for the route is to duplicate the existing two lanes and develop a dual carriageway (four lanes in total) and thereby improve efficiency and safety along the corridor by removing the westbound merge.

The duplication of Tourle Street and Cormorant Road was completed in mid-2018. This additional link provides sufficient capacity for the 2040 future design year and helps to improve travel times. The augmentation of this section of the road improves operational performance of the corridor. The proposed upgrades are presented in **Figure 18.**



Source: AECOM, 2017

Figure 18 Duplication of Tourle Street / Cormorant Road

Traffic Route Selection

A vehicle swept path analysis has been undertaken in accordance with the Austroads B-Double standard (25m) to confirm adequate space within the existing operation areas to accommodate truck loading and delivery activities (see **Figure 19**). The analysis is considered conservative as in reality trucks have been demonstrated to achieve tighter turn radii on site. The analysis confirms that no change in existing access arrangements are required as part of the modification.

5-Year crash data provided by the RMS for intersections surrounding the Tomago Aluminium site in the Port Stephens LGA were reviewed to inform this review. Crashes reviewed occurred in the 2013 to 2017 period inclusive. RMS data includes information such as the worst degree of crash injury, number of casualties, crash descriptions via the Road User Movement (RUM) codes, natural lighting conditions and location type.

Data was gathered for three intersections:

1. Pacific Highway | Old Punt Road (Intersection 1);
2. Pacific Highway | Tomago Road (Intersection 2); and
3. Tomago Road | Tomago Aluminium Access Road (Intersection 3).

Key observations for each intersection are provided below:

- Intersection 1 had 7 crashes, 6 of which were casualty crashes (1 fatal) and 1 was non-casualty tow-away;
- Intersection 2 had 17 crashes, 11 of which were casualty crashes (1 fatal) and 6 were non-casualty tow-away; and
- Intersection 3 had 1 serious injury crash.

The crash volumes at Intersections 1 and 2 are considered non-negligible, for reference 3 casualty crashes in 5 years is the minimum criteria for an intersection to be considered for treatment under the federal ‘Black Spot’ program.

Given Intersections 1 and 2 have been provided with substantial treatment, such as acceleration and deceleration lanes for all minor road movements and signalisation, the number of crashes is considered likely to relate to the substantial traffic volumes on the Pacific Highway rather than a specific site design flaw of these intersections.

A motorway extension from the M1 Pacific Motorway at Black Hill to the A1 Pacific Highway at Raymond Terrace is also currently under consideration by Roads and Maritime. These upgrades would significantly improve the operational traffic safety at these intersections if they are approved and constructed. Further details regarding this upgrade have been included above.

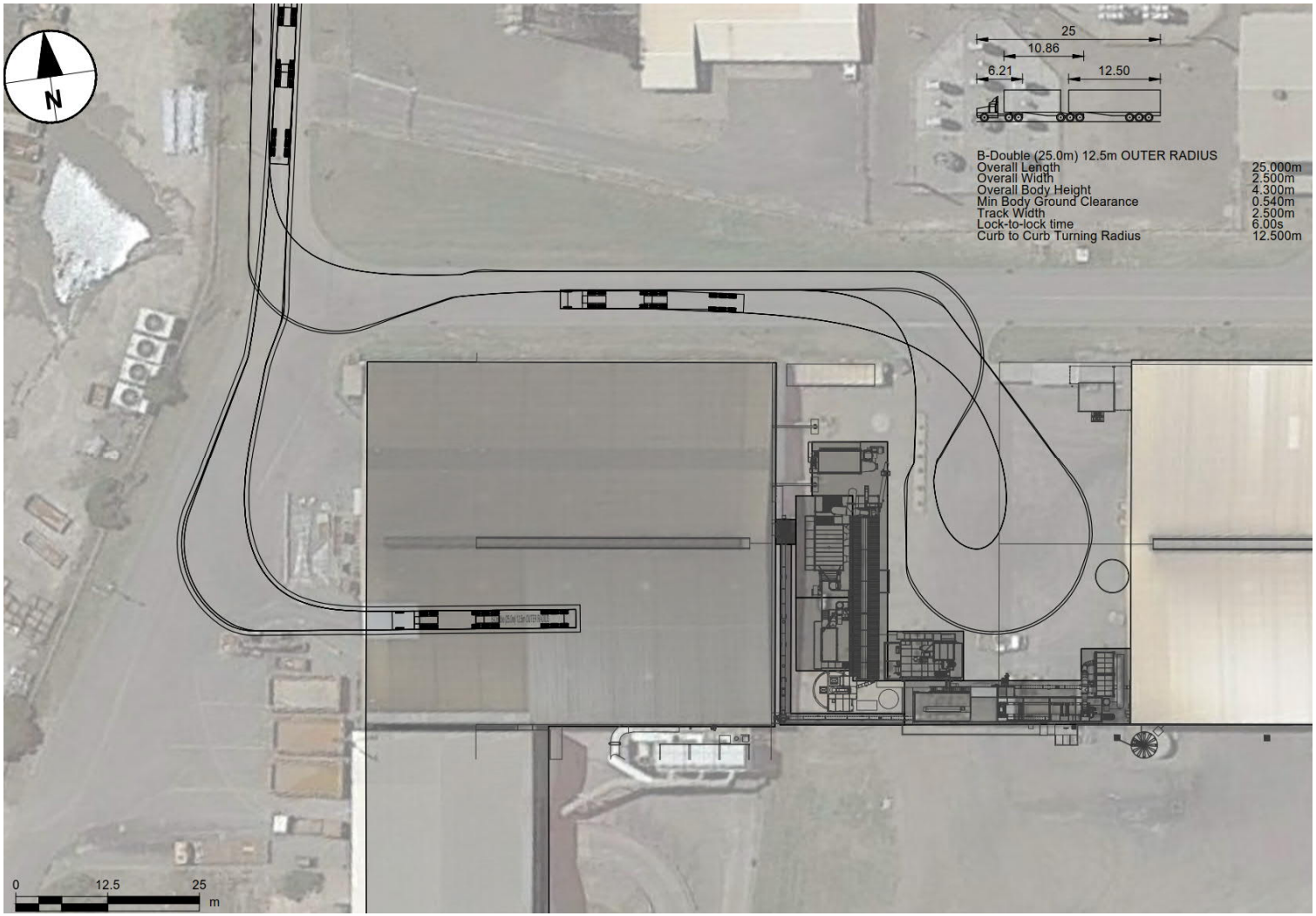


Figure 19 Vehicle swept path analysis

As the facility is identified as potentially hazardous for transport, the existing traffic route has been reviewed with consideration of *HIPAP No.11 – Route Selection* (NSW DP&I, 2011).

Route selection options from the facility are limited and it is considered that the current routes best address the principles and objectives of *HIPAP No.11 – Route Selection* (NSW DP&I, 2011). The current route is considered suitable for the heavy vehicle movements proposed as part of the Project because: Therefore, no change to the existing traffic routes is proposed as a result of the Project modification.

- Key intersections are signalised and provide adequate turning geometries for B-doubles;
- The proposed route forms and approved route for B-doubles under the RMS General Mass Limits (GML) and Concessional Mass Limits (CML) road network map; and
- An alternate route selection is considered unlikely to improve the safety or performance of the existing road network.

Summary

The information used to inform the traffic assessment prepared for the 2009 EA and Tomago Aluminium EA was reviewed for consistency against the Project (as modified). The assessment has determined the following:

- The Project is likely to generate approximately 90 truck movements a week in addition to the existing truck trips;
- There would be no additional passenger vehicle movements associated with operation of the modified facility, as the existing workforce is not expected to change;
- Overall truck movements from the Tomago Aluminium smelter were predicted to be 454 daily in the 2009 Tomago Aluminium EA however the actual observed truck movements every day is 134 trucks (Tomago Aluminium, 2016). This refers to a 70% reduction in the development traffic than predicted by the traffic assessment undertaken as part of 2009 EA. Therefore, it is expected that there is spare capacity available on the network for the anticipated additional traffic on the external roads;
- The additional traffic expected to be generated by the Project is expected to be 13 two-way truck movements per day. This relates to approximately 0.05% of the existing AADT along key external road corridors of haulage route. Therefore, the additional traffic is generally likely to have limited impact on the overall operation of the road network;
- Two key intersections along the Industrial Drive are expected to operate at satisfactory LOS even with the additional traffic likely to be generated by the facility. This is evident from the existing LOS of these intersections as extracted from past studies. It is considered that surrounding intersections are not likely to experience any substantial changes in levels of service as a result of the Project; and
- Further quantitative assessment would not substantially improve the understanding of potential traffic impacts or alter the outcomes of the previous assessment as the expected increase in traffic due to the proposed changes to the SPL facility is of the order of 0.05% of the existing traffic on the main roads.

In summary it is considered that the potential traffic impacts associated with the Project (as modified) are likely to remain substantially the same as the original approved development.

7.4.4 Mitigation Measures

To reduce the potential impacts of construction traffic, all construction contractors would be required to employ relevant traffic management measures to ensure safety and minimise potential impacts to traffic flow on the surrounding road network, including the following:

- Operate in accordance with the *Road Transport Act 2013*;
- Construction vehicles carrying loose materials to and from the site would be covered after loading (prior to traversing public roads) to prevent wind-blown dust emissions and spillages;

- In the event of a spillage of materials from construction vehicles onto a public road, the RMS & EPA would be notified and the spilled material would be removed;
- Construction traffic would traverse public roads as outlined in the EA, which are public roads that are suitable for heavy vehicles; and
- Additionally, adequate on-site parking would be provided for construction traffic so that no construction vehicles would be parked on the surrounding road network.

The following specific traffic mitigation measures would be applied to the Project during operation:

- Site access procedures including the proposed haulage route would be communicated to site personnel and heavy vehicle operators; and
- Trucks would ensure loads are appropriately covered and sealed to protect transported material from wind and rain.

7.5 Noise and Vibration

7.5.1 Background

A Noise Impact Assessment was prepared for the 2009 EA by Spectrum Acoustics. As part of the 2009 EA assessment, noise levels associated with the 20 ktpa thermal treatment plant were measured. Modelling for the assessment was undertaken with reference to local meteorological conditions which are still relevant today.

Atmospheric conditions most relevant to noise assessments are temperature inversions, gentle winds, and relative humidity. From long-term weather monitoring data, the atmospheric environment throughout the Hunter Valley region is well classified. Spectrum Acoustics noted the most significant points relevant to noise propagation as a result of local meteorological conditions are that:

- Extremes of relative humidity (RH) are rarely experienced. For modelling purposes, a value of 70% RH was adopted;
- Winds are predominantly south-easterly in summer and north-westerly in winter. The DECC default wind speed of 3m/s at 10m altitude was adopted for modelling purposes;
- Moderate (F class) temperature inversions are likely to be a prevailing site feature in winter. A value of +3° C/100m vertical temperature gradient was adopted for modelling purposes; and
- The topography of the area surrounding the site is essentially flat with receivers at approximately the same relative level as the ground level at the proposed plant. Drainage winds associated with temperature inversions are therefore not considered.

These base assumptions were reviewed against current metrological data and confirmed to be generally consistent with the existing environment.

To support the findings of the 2009 EA Noise Impact Assessment, a supplementary noise model was prepared by AECOM in October 2018 to consider the potential noise and vibration impacts associated with the proposed capacity increase to 60 ktpa. The supplementary noise model assessed the cumulative noise impacts of the entire site under a worst case operation scenario and the adopted method and findings are discussed in **Section 7.5.4**.

7.5.2 Existing Environment

The existing Tomago Aluminium smelter site contains a variety of noise producing plant and equipment. The smelter operates 24 hours per day and noise sources are relatively constant.

In reference to the facility the existing SPL NSW EPA licence imposes noise limits shown in the table below:

Table 41 NSW EPA Licence Noise Limits (Source: EPL13269)

Location	Day & Evening LAeq (15 minute) dB(A)	Night LA1 (1 minute) dB(A)
Residences on Tomago Road	35	45
Industrial Receivers	70	70

Note: For the purpose of the **Table 41**:

- Day is defined as the period from 7am to 6pm Monday to Saturday and 8am to 6pm Sunday and Public Holidays;
- Evening is defined as the period 6pm to 10pm; and
- Night is defined as the period from 10pm to 7am Monday to Saturday and 10pm to 8am Sunday and Public Holidays.

There is no known history of noise complaints for the facility to date.

Within the vicinity of the Project site the nearest sensitive receivers are the following:

- Tomago Bowling and Sporting Club approximately 600m to the south (note there are no residential or accommodation components of this sports club); and
- Tomago Village Van Park located approximately 1.6km to the west.

The Noise Policy for Industry 2017 (NPI) establishes amenity noise levels for sensitive receivers that include active recreation areas (in this case Tomago Bowling and Sporting Club). The criteria for when an active recreation area (when in use) is 55 LAeq dB(A).

The nearest industrial receivers (apart from the Tomago Aluminium Smelter) are 660m west of the Project site which are within the Tomago Industrial Area.

The site is screened by current operations of Tomago Aluminium, other industrial buildings and an extensive vegetation buffer surrounding the site at Old Punt Road (approximately 1km north-west from site), Pacific Highway (approximately 1.8km west from site) and Tomago Road (approximately 600 metres south from site).

The nearest sensitive receivers to the Project site are shown in **Figure 20.**

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Source:

Figure 20 Nearest noise sensitive receivers to the Project site

7.5.3 Potential Construction Impacts

Construction activities would be similar in duration, scale and nature to those previously described in the 2009 EA (as discussed in **Section 2.11**). Construction is estimated to be undertaken during a period of eight to ten months during standard working hours in accordance with the Interim Construction Noise Guideline (ICNG) (DECC, 2009).

Indicative construction plant identified within the Noise Impact Assessment prepared for the 2009 EA by Spectrum Acoustics was reviewed for consistency against the proposed construction methods required for the Project (as modified) (see **Table 42**). The construction plant proposed for the Project remains generally consistent with that described in **Table 42**.

Table 42 Typical Noise Levels – Indicative Construction Plant Lw (Spectrum Acoustics, 2007)

Plant Item	dB(A) L10
Oxy Cutters	100
Concrete Pump	109
Compressor	100
Crane	107
Angle Grinder	102

The construction noise assessment goals presented in the ICNG are referenced to Noise Management Levels (NMLs) for residential, sensitive land uses and commercial/industrial premises. The nearest sensitive receiver Tomago Bowling and Sporting Club is classified as an active recreational areas with a NML of 65 LAeq dB(A).

The 2009 EA assessment results identified that noise generated during construction would not add substantially to the overall noise emissions from the aluminium smelter site. Potential impacts relating to noise and vibration during construction are expected to remain substantially the same for the Project when compared against the 2009 EA.

Furthermore, given the distance to the nearest sensitive receiver (600m south of site), the location of the site within an existing operational industrial smelter site and substantial area of vegetated buffer lands, it is anticipated construction noise impacts would be minor. In summary, no adverse impacts are predicted as a result of construction of the proposed facility (as modified).

7.5.4 Potential Operational Impacts

The facility would continue to operate 24 hours per day, 7 days per week. No change to the existing operating hours or truck movement times is required for the Project.

The Project would result in the construction of an additional thermal treatment plant and an increase in SPL processing capacity from 20,000tpa to 60,000tpa. The 2009 EA used reference monitoring data obtained during a demonstration of critical plant elements and existing plant on the site and surrounds (thereby including Tomago Aluminium operations) including gas treatment centres, stacks, fans and the electrical switchyard (comprising 79 sources in total). No source of substantial vibration has been identified during operation of the Project. Critical plant elements as considered in the 2009 EA are identified in **Table 43**.

Table 43 Power Level Spectra of Measured Noise Sources, dB (Spectrum Acoustics, 2007)

Noise Source	dB(A)
Thermal Treatment Plant	106
Sizing Plant (internal)	83
Dust Collection System	106
Vehicles (Leq (15min) as described below)	90

The results of quantitative noise modelling undertaken to inform the 2009 EA are summarised in **Figure 21**. The assessment indicated that generally, there is no discernible change in noise levels at the identified sensitive receivers as a result of operation of the facility.

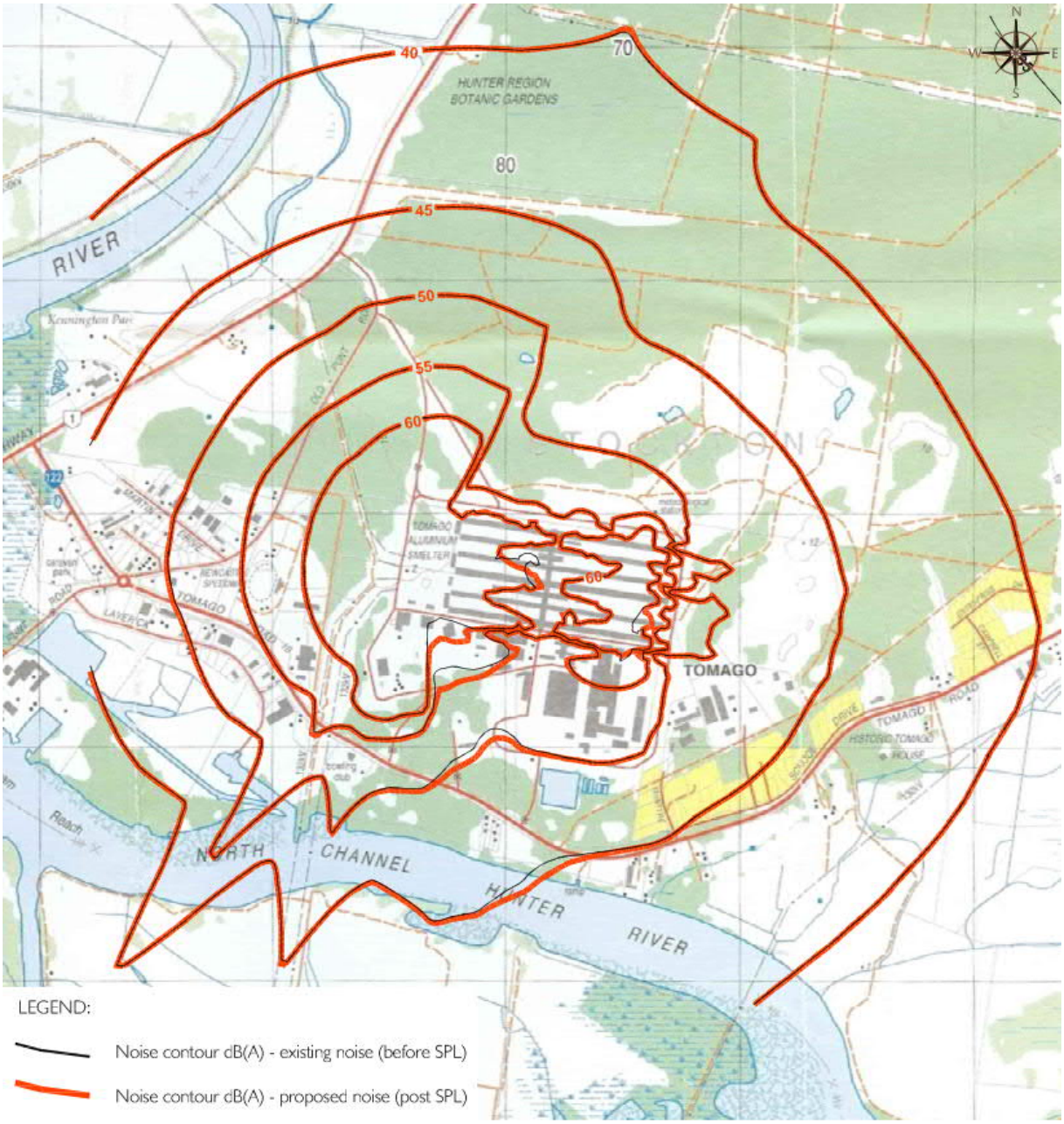

Figure 21 Noise Contours – Pre and Post Operation of the Originally Approved SPL Facility (Spectrum Acoustics, 2007)

The Project would introduce an additional noise emission source being the 40 ktpa thermal treatment plant. It is considered that the Project as modified has the potential to generate additional noise emissions when compared to the 2009 EA.

To support the findings of the 2009 EA Noise Impact Assessment, a supplementary noise assessment model was prepared in October 2018 to consider the potential noise and vibration impacts associated with the proposed capacity increase to 60 ktpa. The supplementary noise model assessed the cumulative noise impacts of the entire site under a worst case operation scenario.

Supplementary sound modelling was undertaken in accordance with the Noise Policy for Industry 2017 using SoundPlan (Version 7.3) to identify the predicted noise levels from the Project at nearby

receivers. The following features were included in the noise model; existing ground topography, ground absorption, buildings and the nearest noise sensitive receivers. Worst case weather conditions (F class temperature inversion with a 2 m/s wind source to receiver) have been modelled.

For the purposes of this assessment, the sound power level of the 40 ktpa thermal treatment plant has been assumed to be equivalent to the sound power level of the 20 ktpa thermal treatment plant plus a 3 dB factor to provide a conservative assessment.

The modelled noise contribution from the 60 ktpa Thermal Treatment Plant and the overall cumulative noise levels are presented in **Table 44.**

Table 44 Predicted noise levels

Receiver	Predicted Noise Level, L_{Aeq} dB(A)			
	Existing[1]	60 ktpa Thermal Treatment Plant Contribution	Cumulative	Difference
1940 Pacific Highway, Tomago	48	37	48	+0.3
Tomago Village Van Park	47	37	47	+0.4
Tomago Bowling & Sporting Club	53	46	54	+0.8
Tomago Periodic Detention Centre	57	42	57	+0.1

Notes:

Existing noise levels from the Regain facility include the entire aluminium smelter plant and the 20ktpa SPL facility

With the addition of the 60 ktpa Thermal Treatment Plant the predicted noise levels increase by less than 1 dB over the existing plant noise levels, meaning there will be a negligible change in overall impacts as a result of the Project. The largest increase in modelled noise levels occur at the Tomago Bowling & Sporting Club, increasing by 0.8 dB. At this location the noise level increases from 53 dB(A) to 54 dB(A) (when rounded) which remains below the Noise Policy for Industry 2017 amenity criterion for active recreation areas of 55 dB(A).Therefore the acoustic amenity at nearby noise sensitive receivers is unlikely to be affected.

Whilst noise emissions may increase (to no greater than +0.8 dB(A)) during operation of the Project, this increase is of a size that is generally imperceptible to the human ear. Therefore environmental noise impacts resulting from potential noise emissions during operations are expected to be negligible. In summary the addition of a 40 ktpa thermal treatment plant would not increase the cumulative noise output of the entire site, under a worst case scenario, to a level which would significantly impact the amenity of sensitive receivers or substantially alter the previously predicted noise levels assessed in the 2007 Spectrum Acoustics Noise Assessment.

7.5.5 Potential Operational Traffic Noise Impacts

Existing site access for employees would be maintained. As the facility would maintain the same level of employees (approximately 8) no substantial change in light vehicle traffic movements is predicted to occur. Noise generated by employee traffic during operation of the facility is considered unlikely to impact on sensitive receivers.

The Project is conservatively estimated to generate up to an additional 120 truck movements per week to transport SPL waste materials to and treated product from the facility. Heavy vehicles would use the north-west access road within the Tomago Aluminium site towards Old Punt Road (see **Figure 6**).

Other industrial buildings and an extensive vegetation buffer surround the site screening Old Punt Road (approximately 1km north-west from site), Pacific Highway (approximately 1.8km west from site) and Tomago Road (approximately 600 metres south from site). To the north an electrical substation is the only building located along Old Punt Road (approximately 750 north-west).

A residential property (number 1940) is located on the Pacific Highway approximately 580m from the Old Punt Road and Pacific Highway intersection. Traffic traveling along Old Punt Road would be screened by approximately 8ha of contiguous remnant bushland which would attenuate noise generated by heavy vehicles. The façade of the residential property is located approximately 60m from the Pacific Highway. The Pacific Highway at this location provides a regional connection between Sydney, Newcastle and the North Coast and handles significant traffic volumes. The 2009 EA estimated that the Pacific Highway and Tomago Road intersection handled approximately 40,000 traffic movements per day. Assuming there has been no background traffic growth since 2009 and that the modification combined with the existing Regain operation would result in a total of 120 truck movement per week, or approximately 18 per day, this equates to an increase of 0.0005%. Therefore it is considered unlikely that traffic generated by the Project would substantially impact on this residential property or any other identified receivers.

The additional truck movements within the broader road network would occur along public roads currently accessed by existing trucks travelling to and from the site. While the proposed Project would result in a small increase the amount of heavy vehicle traffic, given the substantial volume of traffic using the road network between the smelter, the Port of Newcastle, and other main delivery destinations (for example Sydney industrial areas), any increase in traffic noise generated by the Project would be marginal.

The 2009 EA predicted that traffic noise levels were unlikely to exceed night time criterion at the façade of any receivers greater than 10m from the centre of the road and there were no residences in this zone. Due to the negligible increase in traffic that would result from the modification, it is expected that the operational traffic route would continue to operation in accordance with the DECCW 2011 NSW Road Noise Policy. Therefore it is anticipated that any potential traffic noise impacts generated by the Project would be minor.

Assessment of Potential Noise and Vibration Impacts - Summary

The information used to inform the Noise Impact Assessment prepared for the 2009 EA was reviewed for consistency against the Project (as modified). It is considered that further quantitative assessment would not substantially improve the understanding of potential noise and vibration impacts or alter the outcomes of this assessment.

In summary it is considered that the potential noise and vibration impacts associated with the Project (as modified) are likely to remain substantially the same as the original approved development.

7.5.6 Mitigation Measures

- Unless otherwise agreed with DP&E, construction activity likely to impact on sensitive receivers would only occur during the following periods:
  - 7.00am to 6.00pm Monday to Friday;
  - 8.00am to 1.00pm Saturday; and
  - No work Sundays or public holidays.
- Operational noise levels would be maintained in accordance with EPL13269 and Licence Noise Limits identified in **Table 41**;
- Construction traffic would use the heavy vehicle route proposed in **Figure 6**;
- During operations heavy vehicles would use the heavy vehicle route proposed in **Figure 6**; and
- During operations light vehicles would use the passenger vehicle route proposed in **Figure 6**.

7.6 Soil and Water Quality

7.6.1 Existing Environment

The nearest waterway to the facility is the northern channel of the Hunter River, which is located around 850 metres to the south. A stormwater collection pond which is a component of the Tomago Aluminium stormwater management system is located around 900 metres to the south east of the facility.

The nearest coastal wetland mapped under the Coastal Management SEPP is located around 1 kilometre to the south of the facility, adjacent to the northern channel of the Hunter River. The nearest wetland mapped under LEP 2013 are located around 600 metres to the south of the facility, on the southern side of Tomago Road. Wetlands mapped under LEP 2013 are also located around 650 metres to the south east of the facility around and including the Tomago Aluminium stormwater collection pond. Soils around the facility consist primarily of sandy soils with poor drainage. The facility is located on land identified as Category 4 acid sulfate soils on the Port Stephens LGA Acid Sulfate soil map.

Tomago Aluminium monitors the fluoride concentration of surface water and groundwater in the vicinity of the site in accordance with EPL 6163. The average fluoride concentration of surface waters is generally below 1mg/L (Tomago Aluminium Company, 2017).

The Tomago Sandbeds are located to the north of the Tomago Aluminium smelter site and are an important local underground potable water resource. The Tomago Sandbeds are a Hunter Water Special Area gazetted under the *Hunter Water Act 1991* and the extent of this area is shown in **Figure 22** along with the groundwater draw zone for the sandbeds.

AECOM

Regain SPL Facility

Indicative Draw Zone

Tomago Sandbeds - Special Area

Tomago Sandbeds - Hunter Water Special Area

Capacity Increase at the Regain Spent Potliner Facility

0 100 200 400 Metres

28/09/2018

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Fig. **22**

The hydraulic gradient beneath the facility slopes south towards the Hunter River, away from the Tomago Sandbeds. The groundwater table is within 2.5 to 5 metres of the surface in this location. Operations and activities undertaken at the Tomago Aluminium smelter are managed to control emissions and ensure minimal impact to the environment, including the Tomago Sandbeds.

Groundwater monitoring is also undertaken on a regular basis in proximity to the facility. Available groundwater monitoring data includes sites monitored by the Hunter Water Corporation and Tomago Aluminium. The groundwater in the area generally has a low pH level (less than 6.5) and generally low salinity (< 200mg/L).

Groundwater monitoring data sampled by Hunter Water within the Tomago Sandbeds indicate that fluoride concentrations remain at background levels (Tomago Aluminium, 2017). The average fluoride level in the monitoring bores bordering smelter operations is 1.8mg/L, slightly above the NHMRC / NHMRC 2004 Drinking Water Guideline of 1.5 mg/L. However, these concentrations dissipate with distance from the smelter as demonstrated in offsite groundwater monitoring bores located to the south of the smelter which are located in the direction of local groundwater flow.

Existing Stormwater Management

The handling of SPL and treated product (including the loading and unloading of trucks) is carried out within hardstand and bunded areas to prevent potential SPL or product spills being released to nearby drains and stormwater run-off channels. This water is captured, managed and reused as part of the existing SPL treatment process. Stormwater is reused in site processes in three ways:

- As part of a chemical reaction during the SPL treatment process;
- Emitted as water vapour; or
- Contained within the products of the SPL Recycling Facility.

Water discharges from the existing facility are therefore typically limited to stormwater discharges outside of these bunded areas. Drains and stormwater channels at the facility (outside of the bunded areas described above) direct stormwater to the existing Tomago Aluminium stormwater management system which directs stormwater runoff to a stormwater collection pond. Stormwater discharges at the facility are managed in accordance with the conditions of EPL 6163.

The stormwater collection pond accepts the 'first flush' during a storm event, which is defined as the total runoff resulting from the Tomago Aluminium site in a 1 in 10 year storm event. The Tomago Aluminium stormwater collection pond has a capacity of 16,000 m^3. Water is discharged from the stormwater collection pond directly into the Hunter River (EPL 6163 licenced discharge point 16) at a controlled rate to ensure that fluoride levels are managed within specified limits as required by EPL 6163.

In the event of a rainfall greater than a 1 in 10 year event, excess stormwater runoff is assumed to contain a lower fluoride content given dilution from initial flows. These excess flows are discharged directly into the Hunter River (EPL 6163 licenced discharge point).

There are no existing capacity issues for the stormwater management system.

Existing Site Water Balance

The facility is contained within sealed sheds on concrete foundations. Therefore, losses to the soil and groundwater are negligible. As described above, rainfall events at the existing facility are managed within the Tomago Aluminium stormwater management system and are therefore not an input for the site water balance.

Water is supplied to the Regain facility via an existing Tomago Aluminium Company connection which is in turn supplied by the Hunter Water Corporation potable water network. Water usage for the Tomago Aluminium site connection was recorded as approximately 556,100kl for 2017. It was estimated that the Regain facility would consume around 20,000 kilolitres of process water from the Tomago Aluminium smelter per year in the 2009 EA. A review of historic water usage has found that water usage has declined in recent years based on process optimisations consuming less water during hydrolysis of SPL and changes in site cleaning and wash-down practices. Water used in the thermal treatment process is lost to the atmosphere as steam within controlled stack emissions.

Amenities at the facility generate around 100 kilolitres of wastewater per year which is pumped into the Tomago Aluminium on-site treatment system, which is sized for 1000 EP (equivalent population). There are no existing capacity issues for the existing treatment system.

Contamination

SPL is classified as a Dangerous Good, is an Environmentally Hazardous Waste, and requires careful handling and disposal in accordance with regulatory requirements. SPL can no longer be disposed of in landfills. The composition of the SPL material is highly variable. Constituent contaminants within SPL can contain up to 10% aluminium and sodium nitrides and carbides.

The potential for contamination during SPL processing primarily relates to the handling of SPL, including during truck loading/unloading. All handling of SPL is carried out within, hardstand bunded areas. Shed 5 is fitted with rumble grids which minimise the potential for SPL material to be tracked from site and the shed has been purpose-built for SPL handling. SPL material is conveyed to the thermal treatment plants by enclosed conveyor. These measures are implemented to prevent soil and water contamination. The existing Tomago Aluminium surface water and groundwater monitoring network monitors contaminant levels at the facility.

7.6.2 Potential Impacts

Stormwater Management

The stormwater controls for the Project are described in **Section 2.2.7**. The Project would not result in any substantial alteration to existing hardstand areas or impervious surfaces.

The hardstand SPL process plant and truck loading areas (in the southern section of the area between Shed 5 and Shed 6, see **Figure 3**) would be bunded to prevent potential spills of SPL or treated product being released to nearby drains and stormwater run-off channels. Some areas of existing gravel hardstand would be reformed and sealed to reduce the potential for water infiltration (which is considered to be negligible). Stormwater captured from these areas would be reused in site processes consistent with existing operations. There would be no process water discharged from the site as a result of the Project.

A first flush capture system would collect potentially contaminated water from the north and south side of the hardstand, bunded area between Shed 5 and Shed 6 (see **Figure 3**). The catchment of this area is around 2,500m^2. The stormwater design for this area has considered this catchment area and potential rain volumes during storm events in accordance with Port Stephens Council Stormwater Drainage Handbook. The design allows for runoff to be captured during a 1 in 1 year storm event.

Each sump would incorporate screens to capture debris and settling chambers to allow for periodic recovery of any sediment. Sump pumps would be activated by float switch as water levels rise, allowing for water recovery during a rainfall event. Storage tanks would include high-level switches to prevent any overflow. Each storage tank would include a fine aperture mesh screen to collect any finer materials. Mesh screening would also act to prevent ingress of mosquitos and breeding.

Water captured in the storage tanks would be reused in site processes consistent with existing operations. Recovered water is used in the Thermal Treatment Plant Reactor or sprayed on to stockpiles as part of dust control. The measures outlined in **Section 7.6.3** would be implemented to provide for the efficient ongoing operation of stormwater infrastructure.

In the event that the storage tank(s) reach capacity during a rainfalls event, additional stormwater is considered to have a low potential for contaminants as contaminants would be primarily mobilised in the first flush stormwater flows and heavily diluted during a heavy rainfall event. Therefore during sustained heavy rainfall events (e.g. greater than 1:1 year event) excess stormwater would flow from the first flush systems to the existing Tomago Aluminium stormwater management system. This process would represent a reduction in total stormwater discharged from site due to increased available stormwater storage capacity and no change in existing catchments.

The measures outlined in **Section 7.6.3** would be implemented to provide for the efficient ongoing operation of stormwater infrastructure.

Stormwater from the northern side of the hard stand area between Shed 5 and Shed 6 (see **Figure 3**) would drain to the existing Tomago Aluminium stormwater management system, consistent with existing operations.

Shed 5 and Shed 6 would utilise internal collection drainage systems to capture any leachate. Shed 5 is maintained in a generally dry condition as no water is used during the SPL treatment process (based on material handling requirements of SPL). Shed 6 water usage is generally limited to periodic wetting down of the treated product to maintain moisture content in the range of 5%.

Given that the Project would not result in any substantial alteration to existing practices, processes, hardstand areas or impervious surfaces; stormwater volumes discharged to the Tomago Aluminium stormwater management system would remain substantially the same or reduce. Therefore the capacity of the Tomago Aluminium stormwater system would not be compromised. There would be no substantial change to the existing contribution of the facility to stormwater volumes discharged at EPL 6163 licenced discharged points.

The facility for the Project has been designed to efficiently direct stormwater flows to appropriate drains and channels for reuse or discharge. It is unlikely that there would be areas of stagnate or pooled water at the facility (with the exception of a blockage in the drainage system, which would be repaired as soon as practicable) and therefore the potential for mosquito populations that would warrant specific mosquito management measures is considered unlikely. Stormwater tanks would employ appropriate mesh to prevent ingress of mosquitos for breeding.

Contamination

As described in the stormwater section above, potential stormwater contamination would be appropriately managed for the Project through the implementation of stormwater management controls. SPL handling would be undertaken within hardstand and/or bunded areas which would minimise the potential for soil contamination. Shed 5 and Shed 6 would utilise internal collection drainage systems and storage tanks for the containment and management of any leachate.

Potential Impacts to Soil, Surface Water and Groundwater Quality

Given that the Project would reuse potentially contaminated stormwater onsite and that there would be no change to existing stormwater flows to the Tomago Aluminium stormwater management system, it is considered that the risk of potential impacts to nearby soil and surface water quality and wetlands would not change for the Project.

The risk of potential contamination impacts to the Tomago Sandbeds from the mobilisation of contaminants through stormwater would therefore also not change for the Project. The existing risk is minor given that the hydraulic gradient beneath the facility slopes south towards the Hunter River, away from the Tomago Sandbeds.

The Human Health Risk Assessment (HHRA) prepared for the Project (refer to **Section 7.3**) considered contamination impacts from air emissions such as leaching from soil to groundwater and surface water, transport of leached contamination within groundwater, volatilisation and vapour migration from subsurface media. It was determined that these potential impacts are not significant.

The HHRA identified that the contaminant mass that may leach from soil is likely to be minimal given the high molecular weight and physio chemical properties of the contaminants which may be subject to deposition. Organic contaminants are less mobile and are less likely to bind to the soil. Inorganic contaminants (i.e. metals) are unlikely to bind to water. Therefore, the Tomago Sandbeds and other subsurface media are unlikely to be impacted by the Project via leaching from soil.

Changes in surface water or groundwater quality parameters would be identified by the existing Tomago Aluminium surface water and groundwater monitoring network.

Project Site Water Balance

The Project would not result in a change to the site water balance described in **Section 7.6.1**. A review of historic water usage has found that water usage has declined in recent years based on process optimisations consuming less water during hydrolysis of SPL and changes in site cleaning and washdown practices. Combined with additional stormwater controls these process water efficiencies would mean that it would not be required to increase water consumption above the original estimate of 20,000 kilolitres of process water described in the 2009 EA. Existing water usage patterns are not expected to change substantially as a result of the modified Project.

Revised estimated annual water consumption for the SPL Processing Facility if operated at 60,000 tpa capacity are summarised in **Table 45.**

Table 45 Estimated Water Consumption (kilolitres)

Application	Annual Volume	Maximum Demand	
		Daily	Weekly
Process Water	18,000	55kl	370kl
Operator amenities	500		
Captured Stormwater	-400	n.a	n.a

The estimated annual water consumption for the Project is considered minor in comparison to existing water usage for the broader Tomago Aluminium site, which is a shared connection. Water usage is correlated to the aluminium production process and estimated to range between 0.90kl and 0.95kl per tonne of aluminium produced. The aluminium smelter is approved to produce up to 600,000tpa. On this basis the estimated total water usage associated with the Regain facility would range between 3 to 4 percent of total water usage for the Tomago Aluminium site. Given the scale of existing activities and variability in aluminium production rates it is considered unlikely that the Project would contribute to a noticeable change in overall water usage patterns for the site.

There would be no change to piping infrastructure for the Project and therefore all process, potable and stormwater would be separated and managed according to existing piping arrangements.

7.6.3 Mitigation Measures

Potential impacts to soil and water quality have primarily been mitigated through the design of the Project. The stormwater controls outlined in **Section 7.6.2** would be implemented for the Project for the effective management of stormwater, including stormwater that is potentially contaminated. The implementation of the following measures would provide for the efficient ongoing operation of stormwater infrastructure:

- Where feasible given recent periods of rainfall, water levels would be held so that there is 18 kilolitres of storage capacity;
- Where feasible given recent periods of rainfall, water levels would be held so that there is at least 12 kilolitres of storage capacity within two calendar days of predicted rainfall events; and
- The stormwater system would be subject to regular housekeeping, preventative maintenance and testing.

7.7 Waste

The facility operates in accordance with Environment Protection Licence (EPL) 13269 and Environmentally Hazardous Chemicals Licence #88. Existing scheduled activities defined under EPL 13269 are identified in **Table 46**.

Table 46 Existing Scheduled Activities nominated for the Regain Facility

Fee Based Activity
Recovery of hazardous and other waste
Waste storage – hazardous, restricted solid, liquid, clinical and related waste and asbestos waste

A variation to EPL 13269 would be required to ensure consistency of wording between the proposed modification and the EPL.

The Project would not alter the current waste streams accepted by the site (being SPL). A summary of estimated waste material received by the facility as part of the Project is provided in **Table 47**.

Table 47 Estimated SPL Waste Material Received by the Facility

Source	Weekly Estimates (tonne)	Annual Estimates (tonne)
Tomago Aluminium Smelter	2,400	15,000
Other Aluminium Smelters		45,000
Total	2,400	60,000

Weekly estimates are considered a conservative maximum and it is considered that under typical operation the quantities of SPL material received would be less. Actual quantities received would be driven by market supply, economic considerations and environmental licencing requirements. A maximum of 60,000 tonnes of SPL material would be accepted by the facility per annum.

7.7.1 Existing Environment

Basel Convention

The Basel Convention is a United Nations Treaty (to which Australia is a signatory) which aims to control transboundary movements of hazardous wastes and their disposal. The overarching objective of the Convention is to protect human health and the environment against the adverse effects of hazardous wastes.

The provisions of the Convention centres around the following principal aims:

- The reduction of hazardous waste generation and the promotion of environmentally sound management of hazardous wastes, wherever the place of disposal;
- The restriction of transboundary movements of hazardous wastes except where it is perceived to be in accordance with the principles of environmentally sound management; and
- A regulatory system applying to cases where transboundary movements are permissible.

Historically, SPL was either stockpiled locally or sent overseas for processing due to the lack of treatment facilities in Australia. The Regain facility at Tomago offers a domestic solution for the processing of SPL, which will eliminate the need for transport of this hazardous waste offshore.

Processed Waste Materials and Products for Current Operations

The waste materials processed at the facility are limited to aluminium smelter wastes containing leachable fluoride and/or leachable cyanide. Most of the waste material is SPL. In addition to the SPL a relatively small quantity of waste anode carbon are processed.

There is no blending or mixing with other products at any stage during the processing of SPL. Blending during the processing of SPL is limited to the blending of different batches of processed material for quality control purposes as described in the section below.

The Facility's operational processes do not generate raw SPL material or by-product wastes. The products manufactured at the facility are designed for use in cement manufacture. The existing facility sources SPL waste directly from the Tomago Aluminium smelter and from other suppliers via trucks. An administrative modification of Project Approval 06_0050 (Mod 1) was granted on 16 November 2016 to remove restrictions on the source of suppliers of SPL waste.

Spent Pot-Lining (SPL)

SPL consists of the carbon and refractory cathode lining of the smelting pots, produced when the pots are periodically rebuilt. These carbon and associated refractory wastes are impregnated with low concentrations of various contaminants including fluoride and cyanide salts. Pot lining has a life cycle of six to seven years after which the deteriorated pot lining (SPL) is replaced as part of the periodic individual rebuilding of the pots.

The range of chemical composition of waste materials that are processed at the facility is provided in **Table 48**.

Table 48 Range of waste material chemical composition

Element	Note	Unit	Anode carbon material	Carbon cell lining	Refractory cell lining
Carbon		Percentage	45-80	30-50	2-7
Silicon	As SiO_2	Percentage	0-5	2-15	10-40
Iron	As Fe_2O_3	Percentage	2-10	2-4	1-6
Aluminium	As Al_2O_3	Percentage	10-25	10-30	15-30
Titanium	As TiO_2	Percentage	0-2	0-2	0-2
Calcium	As CaO	Percentage	0-2	1-5	1-5
Magnesium	As MgO	Percentage	0-1	0-2	0.5-2.5
Sodium	As Na_2O	Percentage	5-15	3-25	5-30
Potassium	As K_2O	Percentage	0-1	0.2-1	0.5-1.5
Fluorine	Total	Percentage	5-15	5-15	5-15
Cyanide		mg/kg	-	100-4000	100-1500
Fluoride	Leachable	mg/L	-	500-3600	300-3000
Cyanide	Leachable	mg/L	0-1	0.1-20	0.05-10

SPL is classified as a Dangerous Good and an Environmentally Hazardous Waste. It requires careful handling and disposal in accordance with regulatory requirements. SPL materials are currently stored at the TAC smelter in a number of secure, dry storage sheds prior to disposal. SPL material has historically been stored on site at the smelter prior to being shipped overseas for treatment and/or reprocessing for beneficial reuse.

A condition of consent (DA 4908/90) for the smelter requires that a system be adopted at the plant to enable the treatment of SPL into non-hazardous waste or a useable product.

SPL reprocessing not only fully recycles a waste product, but also generates end-products that reduce the consumption of fuel and raw materials in the brick and cement industries.

Waste Handling

Waste handling activities are undertaken in accordance with the site Environmental Management Plan which identifies specific material handling and processing procedures and controls to mitigate hazards and risks associated with handling an Environmentally Hazardous Waste. Specific controls include:

- Maintaining a Hazardous Substances Register;
- Regain Chain of Custody Standard;

- Product Control Standard;
- Training to ensure staff are appropriately trained to operate equipment and respond to spills or incidents;
- Risk Control Register including specific Material Handling Risk Controls;
- Site & Traffic Risk Controls;
- Toolbox Meetings; and
- Inspection and Service Check-sheets.

Further information on Hazard and Risk Management Standards is provided in **Appendix F.**

SPL material is stored undercover in Shed 5. Shed 5 incorporates a SPL material is handled and processed in an enclosed environment either in Shed 5 or by enclosed plant elements maintained under slight negative pressure (to control the potential for fugitive dust emissions). Material is thermally treated pre the description provided in **Section 2.3** and in general accordance with the 2009 EA. Treated materials are stockpiled in Shed 6. Shed 6 employs a series of sprays to maintain the product in a moist condition, preventing dust generation.

The facility incorporates rumble grids and capture drains at the doorways of main process buildings (Shed 5 & 6). Regular housekeeping checks and sweeping of site roads and paved areas is undertaken as required to maintain a tidy workplace.

Visual inspections of trucks and trailers are undertaken following unloading of SPL materials.

Handling of SPL is undertaken in accordance with appropriate site specific health and safety management practices considering the hierarchy of hazard controls. Relevant environmental controls include dust extraction for Shed 5, purpose built machinery incorporating an air-filtered cabin further reducing potential exposure to SPL materials and appropriate task specific personal protective equipment and safety showers.

The health of each Regain operator is monitored with regular health assessments considering lung function and fluoride levels in urine. This program has been underway since 2004 and has involved 44 people working at Regain facilities at Tomago, Kurri Kurri and at Point Henry in Victoria. Each person typically had at least one fluoride and one lung function test per year. The results of this testing has shown no long term change or deterioration in the health of the people working at Regain SPL processing facilities.

Chain of Custody

The supply chain of products including all stages from receipt of by-products from aluminium smelting operations, processing by Regain, production of new products, storage and transport of products up until the release of the products to Customer for consumption is referred to as the chain of custody.

Regain ensures that materials under its control are stored and transported in accordance with all appropriate regulations.

Material Safety Data Sheets - Material Safety Data Sheets are available for each of the materials (including products) that are under Regain control.

Product Specification - Each consignment contains products that meet a specification recorded in the commercial agreement between Regain and the Customer who takes delivery of products for consumption.

Traceability - The source(s) of material for each batch are known. Each consignment of product is made up from one or more identified batches of product that meet the required product specification.

Storage and Transport - Raw materials and products are stored and handled in accordance with appropriate regulations and in accordance with commercial agreements with other parties.

Review -The adequacy and effectiveness of the Regain Material Control Standard are reviewed by Regain Management periodically on a three year cycle and/or earlier in a given cycle if circumstances indicate an earlier review is appropriate.

The existing Material Control Standard and Chain of Custody Standard to which the site adheres are provided in **Appendix K**.

Quality Assurance and Quality Control

Site operations are governed by the Regain Management System which provides confidence that quality requirements are fulfilled. This integrated management system provides is the basis for quality assurance for the SPL Processing. The Regain Management System is based on International Standards Organisation (ISO) quality principles. Key reference standards are:

- The International health and safety system standard OHSAS 18001;
- AS/NZ 4801 Occupational Health & Safety Management Systems;
- ISO 14001 Environmental Standards; and
- ISO 9000 Quality Standards.

Items subject to quality control such as product batches, processes, controlled documents, equipment and instruments are identified and controlled along with records of evidence of compliance in the Regain Management System.

Quality control at key processing stages and in final products is achieved by batch control. This involves:

- Allocating material to batches;
- Sampling, testing and analysing the material in each batch; and
- Carefully controlling each batch.

Batches of processed SPL are tested for cyanide levels to verify destruction of cyanide above a threshold level of 60 parts per million. In the unlikely event that a batch of treated SPL had cyanide levels that did not meet specification then the batch would be rejected and reprocessed through the Thermal Treatment Plant. Products are made to a target chemical composition by blending batches of processed material of known chemical composition. Batches of product are tested and analysed to verify cyanide destruction and to ensure that the chemical composition meets the required specification. If a product batch (being a batch having undergone the cyanide destruction process) did not meet the required specification then the batch would be rejected and used as an input batch for another product batch blend. Batch samples are put into storage and retained for a period of no less than two years after the products made using the batch materials have been delivered from Regain custody to customers.

During typical operations batch sizes do not exceed 500 tonnes and the time of production of a batch from start of production to sending samples for testing does not exceed 2 weeks.

Laboratory testing and analysis is performed by independent third-party testing laboratories.

Final Products

A number of different final products are produced as part of the processing of SPL. A Safety Data Sheet (SDS) outlining chemical compositions for final products is provided in **Appendix G**. The quality assurance and quality control process outlined in the section above ensures that final products are consistent with desired specifications.

Final products are designed for a number of applications included uses as fluxes (a substance that lowers the temperature at which solid materials enter a liquid phase) and mineralisers (a substance that accelerates reactions rates) in cement manufacture. These products reduce energy requirements and greenhouse gas emissions associated with cement production.

The final products are high in fluoride, sodium, carbon and alumina which are associated with the following benefits:

- Fluoride accelerates the rate of alite formation (the major mineral phase in Portland cement formation) and causes more alite to form at a lower temperature;
- Sodium adds to the quality and strength of cement where raw materials are deficient in sodium;

- Carbon provides heat energy; and
- Alumina allows for the reduced consumption of other alumina corrective materials in the cement production process.

Handling and Storage of HiCAl Products

HiCAl products are not classified as dangerous goods for transport. HiCAl products do contain sodium fluoride which, along with other fluoride compounds, is recovered from SPL and contributes to cement clinker mineralisation. Sodium fluoride is leachable in water. Because HiCAl contains soluble sodium fluoride, any water must be contained with the HiCAl material. The following storage and handling practices are required:

- Avoid saturation with water
- Store under cover
- Contain any water that comes into contact with the product

Handling and storage recommendations are included in the SDS for each product (see **Appendix G**). Regain engages directly with logistics service providers and end-user cement plants to ensure that the awareness of the leachability hazard. An example of communication and training material for handling and storing HiCAl products is Regain document “Information Document - Product Handling HiCAl 30 Mineralising Carbon prepared for SCG Logistics” (Regain document code 198_082).

Fluoride in Cement Products

The fluorides present in SPL are retained in the HiCAl products to realise the beneficial effects of the fluorides in the cement manufacturing process. The principle raw material for cement clinker is limestone. Fluorine has a high chemical affinity with calcium and combines readily with the finely ground calcium carbonate in the clinkering process. In this way, the fluorides become permanently bound in the molecular structure of the cement.

Leachability testing of cement clinker and cement manufactured using HiCAl products indicates leachable fluoride levels of 1 mg/L in clinker and 0.5 mg/L in cement.

Overall Reduction of SPL Waste Stream

Randell Environmental Consulting conducted a feasibility assessment of using an agreement between industry and governments to clear the stockpiles of spent pot liner (SPL) present in Queensland, New South Wales, Victoria and Tasmania, over a ten year or similar period (REC, 2016). The feasibility assessment was undertaken for the Department of the Environment and Energy (DoEE) and is attached as **Appendix H**.

The assessment aimed to determine the feasibility of a joint agreement approach, and if feasible, what might be required to address the circumstances of the different SPL stockpiles across the jurisdictions.

Analysis confirmed that Australia has a significant stockpile of SPL with a total of around 700,000 tonnes of SPL in storages around Australia. The report identified the Tomago Aluminium smelter as one of four current operational smelters within Australia and that Regain has contributed to a substantial reduction in stored SPL at the TAC smelter.

7.7.2 Potential Impacts

Potential waste impacts for the Project relate primarily to the quantity of waste that would be processed at the facility. The type of waste and the management of waste streams at the facility would be generally consistent with the existing operations described in **Section 7.7.1**.

The Project would change the quantity of SPL waste processed at the facility. The process plant for the Project is designed to operate with 80% uptime (facility operating time) at a maximum throughput rate of 9 tonnes per hour. Maximum daily throughput would be 216 tonnes of SPL based on 100% uptime through the day. Maximum weekly throughput would be 1,500 tonnes of SPL based on 100% uptime for the week. Maximum annual throughput of waste material would be 60,000 tonnes of SPL. There are no solid or liquid residues from the process. 500 tonnes of aluminium metal and steel would be recovered from the 60,000 tonnes of waste material. The metals would be traded through the

secondary metals industry consistent with existing operations. The balance of 59,500 tonnes per year is transformed into products for the cement industry.

The chemical composition of processed SPL would not change for the Project. A SDS for SPL material is provided in **Appendix G**. Further information regarding the source of materials that the facility recovers from the aluminium smelting industry including the processing of by-product materials and hazard elimination is also included in **Appendix G.**

Regain has existing material handling and storage strategies to ensure appropriate handling of the material throughout all production steps. These strategies would continue to be implemented for the Project in general accordance with the 2009 EA.

The risk of untreated or partially treated SPL material entering the product stream is considered to be unlikely. However the environmental safeguards for the Project include automatic safety shut down procedures and alarms which are triggered by any deviation from the temperature ranges required to ensure effective thermal treatment. The risk of untreated or partially treated SPL material entering the product stream is therefore considered to be negligible.

However should this occur, the affected material would be identified by quality assurance and control processes and returned to Shed 5 for reprocessing. Quality assurance is achieved by sampling materials on a batch order basis. This ensures that each product batch is assigned a batch quality status prior to it being despatched from the facility.

Production to date has demonstrated that the proposed SPL treatment process is successful in reducing cyanide content to negligible levels, and the flammable gas hazard is eliminated. SDS for end products is provided in **Appendix G**.

The Facility's operational processes do not generate raw SPL material or by-product wastes. SPL material is converted into a saleable product in accordance with Environmentally Hazardous Chemicals Licence #88. All raw materials would be processed at the Facility. SPL materials are currently stored on site within the existing building (Shed 5). SPL would continue to be stored in Shed 5 and treated product would be stored in Shed 6.

Ancillary Wastes

Ancillary wastes generated by the Project may include minor quantities of oils, metals and packaging. These wastes are incorporated into the Tomago Aluminium smelter waste streams and managed in accordance with the EPA 2014 Waste Classification Guidelines and Waste Management Plan for the Tomago Aluminium smelter site. Following classification, waste is removed by a licenced contractor and transported to licenced waste facility.

Up to 500 tonnes of aluminium metal and steel would be recovered from the 60,000 tonnes of waste material. The metals are traded through the secondary metals industry.

Indicative waste volumes for the Project are outlined in **Table 49** and would be generally consistent with existing operations.

Table 49 Indicative wastes volumes for the Project

Waste classification[1]	Wastes	Indicative volumes (per annum)
Hazardous waste	SPL Material	0 tonnes (Up to 60,000tonnes of material processed into saleable product)
Restricted solid waste	None	-
General solid waste (putrescible)	Food waste, general waste from bins in amenities buildings	Less than 5 tonnes
General solid waste (non-putrescible)	Scrap metals	Less than 500 tonnes
General solid waste (non-putrescible)	Oils and packaging materials	Less than 5 tonnes

Note
1: According to EPA 2014 Waste Classification Guidelines

Waste Avoidance and Resource Recovery Strategy 2010-2021

The primary goal of the Waste Avoidance and Resource Recovery Strategy 2010-2021 (WARR Strategy) is to enable all of the NSW community to improve environment and community well-being by reducing the environmental impact of waste and using resources more efficiently.

The strategy is a key component of the NSW Government's Waste Less, Recycle More initiative and sets out the following key result areas:

1. Avoid and reduce waste generation.
2. Increase recycling.
3. Divert more waste from landfill.
4. Manage problem wastes better.
5. Reduce litter.
6. Reduce illegal dumping.

The Project would endeavour to meet the abovementioned key result areas given the SPL process would result in material that is detoxified and can be reused in the cement industry. The recycling process would result in the following waste resource recovery benefits:

- Spent Pot Lining is transformed to a product resource;
- There are no residual waste materials associated with the thermal treatment process;
- The Project would contribute to the progressive elimination of SPL accumulated in storage;
- The need to land fill SPL would be avoided; and
- SPL is treated on site at a single facility.

The Project is consistent with objectives of the WARR Strategy to divert more waste from landfill and manage problem wastes better.

7.7.3 Mitigation Measures

Waste would continue to be processed and managed in accordance with the measures outlined in **Section 2.3** and **Section 7.7.1**. This would include sampling, testing and analysing the material in each batch in accordance with quality control processes.

The following specific waste management measures would be applied to the Project during operation:

- All construction waste would be classified in accordance with the Waste Classification Guidelines (EPA, 2014) prior to disposal and transported to an appropriately licensed waste disposal facility.
- The site EMP would be reviewed and updated following approval of the Project as modified, if necessary;
- A variation to EPL 13269 would be sought to provide for the revised site layout and emission points following approval of the Project;
- The EHC Licence (#88) would be reviewed following approval of the Project and if required a variation sought to maintain consistency;
- SPL material would be maintained under cover within Shed 5 prior to processing; and
- Exposed treated product would be maintained in a moist condition (but not saturated) or covered with tarpaulins to prevent dust rising. Treated product would be stockpiled within Shed 6.

7.8 Other Environmental Issues

Other environmental aspects that were identified in **Section 6.0** as having very low or no anticipated impacts include:

- Visual;
- Heritage;
- Ecology;
- Social and Economic; and
- Cumulative impact.

Consideration of these matters is provided in **Table 50**.

Table 50 Other environmental issues

Issue	Consideration
Visual	The Project site would be constructed within the existing facility site boundary, which is located within the industrial smelter complex. Other industrial buildings and an extensive vegetation buffer surround the site screening views from Old Punt Road (approximately 1km north-west from site), Pacific Highway (approximately 1.8km west from site) and Tomago Road (approximately 600 metres south from site). To the north an electrical substation screens views along Old Punt Road (approximately 750 north-west). The original 2009 EA considered that the proposed plant elements would be approximately 30m above ground level (at maximum stack height). The proposal would adjoin two existing buildings (Shed 5 SPL Preparation building and Shed 6 Product manufacturing building). The Project would involve the installation of an additional thermal treatment plant. The RL of the existing two sheds is approximately 12.5 metres in height and RL height of the additional thermal treatment plant is proposed to be approximately 15 metres (including stack height). The fine grinding plant would be approximately 21m in height. Based on the modified plant inventory it is considered that the Project would retain the same physical size and scale of the originally approved Project. The Project includes a revised site layout but remains generally consistent with the 2009 EA which identified that thermal treatment and product plant elements would be located between Shed 5 and Shed 6. The change in layout is not considered to negatively impact on the visual amenity of the surrounding landscape. Given the proposal is located within an existing industrial area which is obstructed by other industrial buildings, an electrical substation and significant amounts of vegetation, it is expected that the 1.5 metre difference between the RL height of the two existing sheds and the new SPL plant is minimal and as such there would be no visual impacts to surrounding areas.
Heritage	The Project would be constructed within the existing SPL Facility site boundary. Given its location within the industrial smelter complex, the site is a highly disturbed site and ground disturbance for the Project would be limited to the area between the two existing sheds. No items of heritage or cultural value would be affected by the Project.
Ecology	The Project would be constructed within the existing SPL Facility site, which is located within the existing smelter complex with substantial buffer lands. The Project would not involve the clearing of native vegetation and would not displace or disturb terrestrial or aquatic fauna or create a barrier to fauna

Issue	Consideration
	movement. A buffer zone was designated during the approval process for the third potline at Tomago Aluminium to accommodate an annual emission equivalent to 298 tonnes of total fluoride per year. The load limit is identified as a condition to EPL 6163. A review of NPI reporting years from 2012 to 2017 identified that annual fluoride load ranged between 240 to 280 T/yr with substantial reduction in recent years (towards 240T/yr). The maximum potential Regain contribution to the annual fluoride load on the buffer zone is modelled (based on conservative assumptions) as less than 3 T/yr. It should be noted that this is a theoretical worse case value based on Regain operating at their maximum proposed stack EPL concentration limits. It is considered that the small potential increase associated with the proposed Regain operations are unlikely to adversely affect the condition of vegetation in the Botanic Gardens and surrounding areas within the buffer zone. An ecosystem monitoring program is conducted around the environs of Tomago Aluminium smelter. The program is designed to trace the pathway of fluoride from its initial release point at the smelter through the various layers of dry sclerophyll forest surrounding the smelter. Results from the 2017 ecosystem monitoring program continue to confirm that fluoride emissions from the smelter yield very localised effects in vegetation with foliar fluoride concentrations decreasing rapidly with distance. It is considered unlikely that the comparatively small potential contribution to annual fluoride loads in the buffer zone (of less than 3T/yr) generated by the Project would significantly affect plant growth, propagation or recovery. A small mammal capture program is maintained by Tomago Aluminium Company to consider potential effects that the smelter operation may have on the population dynamics of local small mammals. A review of the program was undertaken in 2015 and determined that, considering 32 years of trapping data, bone fluoride accumulation had not impacted on the abundance or distribution of small mammal species (SMEC, 2015). The review also found that fluoride accumulation at sites located beyond 1.5km did not increase following operation of the smelter. These results combined with the comparatively small contributions in annual fluoride loads indicate that it is unlikely that emissions generated by the Project would significantly impact on flora or fauna or their habitats within the buffer lands. No significant impacts to koala feed trees, state or commonwealth listed threatened species or ecological communities are anticipated as a result of the proposed Project (as modified). The proposed Project would not have a significant impact on matters of NES.
Social and Economic	The Project is not expected to adversely impact the community or local economy. There would be no change to existing workforce for the operation of the Project and would not increase the requirement for external resources and community services or facilities. The Project would have beneficial outcomes for the wider community and economy through the processing of SPL wastes currently stockpiled around Australia and converting these wastes into usable end-products. The reuse options for processed SPL would provide energy savings and reduce the consumption of primary fuel in the brick and cement industries.
Cumulative impacts	As the site operates within an existing aluminium smelter cumulative impacts to air quality, human health, traffic and noise have been considered within the

Issue	Consideration
	relevant sections of this EA (Section 7.1-7.6). No other substantial cumulative impacts are predicted to occur as a result of construction or operation of the Project.

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8.0 Statement of Commitments

In accordance with the requirements under the Part 3A (repealed) provisions of the EP&A Act, the following draft Statement of Commitments is provided. Regain commits to the implementation of the environmental management measures detailed in **Table 51** during construction and operation of the proposed modification.

Table 51 Draft Statement of Commitments

Issue	Safeguard
General	1. The Proponent would implement all practicable measures to prevent or minimise harm to the environment that may result from the construction or operation of the Project. 2. The Proponent would implement all practicable measures to prevent or minimise harm to the environment that may result from the construction or operation of the Project. 3. The Proponent would prepare and implement a Construction Environmental Management Plan (CEMP) to provide environmental management practices and procedures to be followed during the construction phase, particularly in relation to the management of soils, surface waters, air quality, and noise management. 4. The Proponent would update a current EMP prepared for the existing site activities. 5. The Proponent would operate the facility in accordance with existing EPA pollution control approvals for existing operations at the Tomago smelter. 6. The Proponent would operate the facility in accordance with existing EPA Environmental Protection Licences (EPLs) issued for existing operations of the smelter. 7. The Proponent would ensure regular inspection, monitoring and auditing is undertaken to maintain effective environmental management and to highlight non-compliance of standards, conditions or licence requirements. 8. The Proponent would ensure routine monitoring of air quality, groundwater and surface water is undertaken. Groundwater and surface water monitoring is undertaken in conjunction with the TAC smelter existing monitoring program where appropriate.
Air Quality	1. The Proponent would implement dust mitigation strategies throughout the facility including: - Enclosure of external plant; - Construction of sealed processing and product storage facilities; - Installation of dust extraction systems throughout the processing plant and connected to dust generating activities; and - Installation of visual and audible alarm systems to minimise potential for dust generation in the event of plant / system breakdown or failure. 2. The Proponent would ensure residual emissions would be directed to the atmosphere via stacks, as indicated by the proposal. 3. The Proponent would implement dust mitigation strategies as part of the CEMP which will include: - Stabilisation of disturbed surfaces during construction; - Removal of excessive soil on construction vehicle tyres; and - Spraying of stockpiled earths / fine construction material during high winds to reduce potential for dust. 4. The Proponent would maintain processing plant and Shed 5 under negative pressure, treated products would be maintained in a moist condition, to mitigate fugitive emissions. 5. The Proponent would control SPL processing stages to destroy cyanide and hazardous gases.

Issue	Safeguard
	6. The Proponent would control the thermal treatment process (i.e. maintain the temperature below 850^{o}C) to minimise liberation of gaseous fluoride. 7. The Proponent would operate baghouse dust collectors to minimise emissions of particulate matter and particulate-bound contaminants. 8. The Proponent would apply appropriate housekeeping practices to minimise dust generation from concrete apron areas.
Hazard and Risk	1. The Proponent would prepare and implement a Safety Management System (SMS) for the SPL plant to include elements of the operations, maintenance and management of the facility. The SMS would be developed in accordance with the guidelines issued by the Department of Planning in Hazardous Industry Planning Advisory Paper No.9, "Guidelines for Safety Management Systems". 2. The Proponent would install the following systems within the SMS: - A kiln temperature monitoring and calibration procedure to ensure the temperature control system of the kiln is operated using correct data and information; - A burner management system designed in accordance with AS1853 ("Automatic Oil and Gas Burners: Mechanical Draught", Standards Association of Australia, Sydney, 1983); - A pressure management and monitoring / alarm system for dust extraction equipment; and - A temperature management and alarm system in the baghouse. 3. The Proponent would construct the SPL facility so that it incorporates: - Bunding of truck loading areas to prevent potential contamination of nearby drains and stormwater run-off channels; - The rotary kiln would be fitted with blast panels to minimise the potential for explosion damage to the kiln shell; and - An interlock would be fitted to the water supply system and induction fan.
Human Health	1. The environmental controls as listed in **Section 2.4** of this EA would be implemented.
Traffic and Transport	1. Operate in accordance with the Road Transport Act 2013. 2. Construction vehicles carrying loose materials to and from the site would be covered after loading (prior to traversing public roads) to prevent wind-blown dust emissions and spillages. 3. In the event of a spillage of materials from construction vehicles onto a public road, the RMS & EPA would be notified and the spilled material would be removed. 4. Construction traffic would only traverse those public roads as outlined in the EA, which are public roads that are suitable for heavy vehicles. 5. Additionally, adequate on-site parking would be provided for construction traffic so that no construction vehicles would be parked on the surrounding road network. The following specific traffic mitigation measures would be applied to the Project during operation: • Site access procedures including the proposed haulage route would be communicated to site personnel and heavy vehicle operators. • Trucks would ensure loads are appropriately covered and sealed to protect transported material from wind and rain.
Noise and Vibration	1. The Proponent would implement noise mitigation strategies to achieve the following: - Operational noise levels are maintained at 10 dB(A) below the existing Leq noise level of the smelter; and - The L1 (1 min) level of any specific noise source would not exceed the background noise level (L90) by more than 15 dB(A) when

Issue	Safeguard
	measured outside the bedroom window of the nearest residential receiver (in accordance with DECC's Environmental Noise Control Manual). 2. The Proponent would implement noise mitigation strategies in the CEMP, including but not limited to the following: - Unless otherwise agreed by DECC, construction activity, likely to impact on sensitive receivers, would only occur during the period: ▪ 7.00am to 6.00pm Monday to Friday; ▪ 8.00am to 1.00pm Saturday; and ▪ No work on Sundays or public holidays. 3. Construction noise shall not exceed 5 dB above background levels (as prescribed by EPA Environmental Noise Control Manual criteria).
Waste	1. All construction waste would be classified in accordance with the Waste Classification Guidelines (EPA, 2014) prior to disposal and transported to an appropriately licensed waste disposal facility. 2. The site EMP would be reviewed and updated following approval of the Project as modified, if necessary. 3. A variation to EPL 13269 would be sought to provide for the revised site layout and emission points following approval of the Project. 4. The EHC Licence (#88) would be reviewed following approval of the Project and if required a variation sought to maintain consistency. 5. SPL material would be maintained under cover within Shed 5 prior to processing. 6. Exposed treated product would be maintained in a moist condition to prevent dust rising. Treated product would be stockpiled within Shed 6.
Water and Soil	1. The Stormwater Management Plan would be reviewed and updated to accompany the modified Project 2. The Proponent shall implement all practicable measures to minimise the discharge of sediments, contaminants and pollutants to surface and ground water as a result of the operation of the facility. 3. The Proponent shall ensure that all drains and stormwater channels outside the SPL bunded area are directed to the existing site first flush pond. 4. The Proponent shall ensure there is no outside truck loading in the SPL facility during rain periods. 5. The Proponent shall implement ground water and surface water quality management strategies in the CEMP.

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9.0 Conclusion

This EA presents details of the proposed modification, assesses the potential impacts on the environment and local community, and identifies management measures to minimise or avoid the identified impacts.

The Project is for the modification of the existing Part 3A Approval (06_0050) for the Tomago SPL Processing Facility (the Facility). Modification of the existing approval is proposed to provide for:

- **Plant modifications:** Opportunities have been identified to enhance the operational efficiency of the existing facility by altering the originally proposed site layout and key plant components; and
- **Facility production increase:** To ensure operational efficiencies and for Regain to meet market demand, modification is sought to increase current production from 20,000tpa to 60,000tpa.

The Project is to modify the existing SPL processing facility on site at Tomago Aluminium smelter which reduces the hazardous nature of a waste material through thermal treatment thereby recycling a waste material into a useable end-product.

The end-product HiCAl provides substantial reductions in Scope 3 Greenhouse Gas Emissions within the cement industry by providing a three times greater reduction in $CO_{2\text{-}e}$ emissions of approximately 138,300 $CO_{2\text{-}e}$ (tonnes) based on current lifecycle analysis.

To reach the target throughput capacity of 60,000tpa it is proposed to operate an optimised configuration utilising the thermal treatment process elements of both the existing approved Project and an additional thermal treatment plant. Air quality, hazard and risk investigations, along with the assessment of other environmental factors undertaken as part of this EA predicted that the potential impacts of the Project would not be significant and would be generally minor. With the implementation of the mitigation measures proposed, it is expected that impacts would be eliminated or minimised and the Project would be able to operate with acceptable environmental outcomes.

It is considered that the environmental effects and the risk profile of the total Project (the existing approved Project as modified) would not be significantly changed from the existing approved Project.

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Appendix A

Environmental Assessment Requirements

Appendix A Secretary's Environmental Assessment Requirements

NSW GOVERNMENT | Planning & Environment

Contact: Susan Fox
Phone: (02) 9274 6466
Email: Susan.Fox@planning.nsw.gov.au

Our ref: MP06_0050 (MOD 2)

Mr Kevin Cooper
NSW Regional Manager
Regain Services Pty Ltd
PO BOX 1280
NEWCASTLE NSW 2300

Dear Mr Cooper

Spent Potlining Recycling Facility, Tomago (MP 06-0050) (MOD 2)
Section 75W Modification - Environmental Assessment Requirements

I refer to the correspondence received by the Department of Planning and Environment (the Department) dated 18 August 2017 from AECOM on behalf of Regain Services Pty Ltd (Regain). I also refer to the additional information on hazards and risks received by the Department on 28 November 2017. The correspondence was in relation to a variation to the proposed project at the Spent Potlining Recycling Facility, Tomago. The correspondence also sought clarification from the Department regarding the approval pathway for the proposed modification approval MP 06-0050 (Mod 2)

The Department has reviewed the correspondence and advises that a modification of the proposed project approval MP 06_0050 (Mod 1) for the Tomago Spent Potlining Facility can be requested under section 75W of the *Environmental Planning and Assessment Act 1979* (the Act).

Based on the information provided to date, the Department has issued new Environmental Assessment Requirements (EARs) to reflect the proposed changes to the project (see **Attachment 1** and **Attachment 2**).

Your modification request must be accompanied by an Environmental Assessment (EA). The Department strongly recommends that you consult with all relevant public authorities prior to submitting your modification request and EA including but not limited to Port Stephens Council, NSW Health, Roads and Maritime Services, Fire and Rescue NSW, SafeWork NSW, Office of Environment and Heritage and the Environment Protection Authority. The purpose of consultation is to ensure that all environmental impacts of the modification are assessed and to minimise delays at the assessment stage.

It is requested that prior to lodging the modification request, a draft EA is emailed to the Department for review.

Following the lodgement of the EA, the Department will advise you of the applicable fee (under Division 1A, Part 15 of the *Environmental Planning and Assessment Regulation, 2000*) and consultation requirements.

If you have any further questions in relation to this matter please contact Susan Fox on 9274 6466 or susan.fox@planning.nsw.gov.au.

Yours sincerely

Chris Ritchie 20/12/17.
Director
Industry Assessments

Encl.: **Attachment 1:** Environmental Assessment Requirements
Attachment 2: Technical and Policy Guidelines

ATTACHMENT 1 **Environmental Assessment Requirements**	
Application Number	MP 06_0050 (Mod 2)
Development	Increase the throughput capacity of Spent Potliner (SPL) from 20,000 tpa to 60,000 tpa and modification to the site layout including an additional emission point
Location	Tomago Road, Tomago Lots 15 and 16 in DP 258020
Applicant	Regain Services Pty Ltd
Date of Issue	November 2017
General Requirements	The EA must include a: • detailed description of the development, including: – existing operations carried out on the site and how the site operates lawfully under the *Environmental Planning and Assessment Act 1979* (EP&A Act) including any reliance on existing use rights and/or planning approvals and how these will be consolidated – accurate history of the site, including development consents – need for the proposed development – justification for the proposed development – likely staging of the development - including demolition, construction, and operational stage/s – likely interactions between the development and existing, approved and proposed operations in the vicinity of the site – plans of any proposed building works – contributions required to offset the proposal – Identification of conditions to be modified. • consideration of all relevant environmental planning instruments, including identification and justification of any inconsistencies with these instruments • risk assessment of the potential environmental impacts of the development, identifying the key issues for further assessment • detailed assessment of the key issues specified below, and any other significant issues identified in this risk assessment, which includes: • a description of the existing environment, using sufficient baseline data • an assessment of the potential impacts of all stages of the development, including any cumulative impacts, taking into consideration relevant guidelines, policies, plans and statutes • a description of the measures that would be implemented to avoid, minimise and if necessary, offset the potential impacts of the development, including proposals for adaptive management and/or contingency plans to manage any significant risks to the environment • a consolidated summary of all the proposed environmental management and monitoring measures, highlighting commitments included in the EA.
Key issues	The EA must address the following specific matters: • **Waste Management** – including: • a description of the waste streams that would be accepted at the site including the maximum daily, weekly and annual throughputs • details of the source of the waste streams to justify the need for the proposed processing capacity • a description of waste processing operations, including a description of the technology to be installed, resource outputs, and the quality control measures that would be implemented • details of where SPL will be sourced from • details of how waste would be stored and handled on site, and transported to and from the site including details of how the receipt of non-conforming waste would be dealt with • the measures that would be implemented to ensure that the development is consistent with the aims, objectives and guidance in the *NSW Waste Avoidance and Resource Recovery Strategy 2014-2021*. • **Soil and Water** – including: • an assessment of potential impacts to soil and water resources, topography, hydrology, drainage lines, watercourses and riparian lands on or nearby to the site • a detailed site water balance

	• any works with the potential to intercept the groundwater table • details of stormwater/wastewater/leachate management systems including the capacity of onsite detention systems, and measures to treat, reuse or dispose of water • characterisation of the nature and extent of any contamination on the site and a description of proposed management measures. • **Air Quality and Odour** – including: • a quantitative assessment of the potential air quality, dust and odour impacts of the development in accordance with relevant Environment Protection Authority guidelines • the details of buildings and air handling systems and strong justification for any material handling, processing or stockpiling external to a building • an justification for the substantial difference the 2009 and 2017 air dispersion modelling results • a greenhouse gas assessment • details of proposed mitigation, management and monitoring measures. • **Noise and Vibration – including:** • a quantitative assessment of potential demolition, construction, operational and transport noise and vibration impacts in accordance with relevant Environment Protection Authority guidelines • an assessment of the predicted transport noise and vibration impacts and justification of proposed transport routes and times • details and justification of the proposed noise mitigation and monitoring measures. • **Traffic and Transport – including:** • details of all traffic types and volumes likely to be generated during construction and operation, including a description of haul routes • an assessment of the predicted impacts of this traffic on road safety and the capacity of the road network, including consideration of cumulative traffic impacts at key intersections using SIDRA or similar traffic model • detailed plans of the proposed layout of the internal road network and parking on site in accordance with the relevant Australian Standards • plans of any proposed road upgrades, infrastructure works or new roads required for the development • turning path diagrams depicting vehicles entering, exiting and manoeuvring throughout the site. • **Human Health Risk** – including: • an assessment of the potential human health risks (on site and off site) associated with the processing of SPL and • details of mitigation and management measures to minimise human health risks and ensure the safety of workers during the development • **Hazards and Risks** – The environmental assessment must include a Preliminary Hazard Analysis (PHA) for the modification, prepared in accordance with *Hazardous Industry Planning Advisory Paper No. 6 'Hazard Analysis'* (Department of Planning, 2011) and *Multi-Level Risk Assessment* (Department of Planning, 2011). The PHA must: ○ identify the hazards and safeguards for the modification ○ include a cumulative risk assessment, covering the simultaneous operation of the existing 20,000 tonnes per annum demonstration plant and the proposed 40,000 tonnes per annum combination drying and thermal treatment plant. • **Sensitive Receivers** – including consideration of potential impacts, particularly noise and air quality. • **Visual** – including an assessment of the potential visual impacts of the project on the amenity of the surrounding area.
Consultation	During the preparation of the EA, you must consult with the relevant local, State or Commonwealth Government authorities, service providers, community groups and potentially affected landowners. In particular you must consult with: • Port Stephens Council • Environment Protection Authority • Office and Environment and Heritage • Sydney Water • SafeWork NSW • Hunter New England Local Health District • Roads and Maritime Services • Fire and Rescue NSW • nearby land owners and occupiers that may be affected by the proposal. The EA must describe the consultation process and the issues raised, and identify

	where the design of the development has been amended in response to these issues. Where amendments have not been made to address an issue, a short explanation should be provided.
References	The assessment of the key issues listed above must take into account relevant guidelines, policies, and plans as identified. While not exhaustive, the following attachment contains a list of some of the guidelines, policies, and plans that may be relevant to the environmental assessment of this development.

ATTACHMENT 2
Technical and Policy Guidelines

The following guidelines may assist in the preparation of the Environmental Impact Statement. This list is not exhaustive and not all of these guidelines may be relevant to your proposal.

Many of these documents can be found on the following websites:
http://www.planning.nsw.gov.au
http://www.bookshop.nsw.gov.au
http://www.publications.gov.au

Policies, Guidelines & Plans

Plans and Documents

The EA must include all relevant plans, architectural drawings, diagrams and relevant documentation required under Schedule 1 of the Environmental Planning and Assessment Regulation 2000. Provide these as part of the EA rather than as separate documents.

In addition, the EA must include the following:

1. An existing site survey plan drawn at an appropriate scale illustrating:
- the location of the land, boundary measurements, area (sq. m) and north point
- the existing levels of the land in relation to buildings and roads
- location and height of existing structures on the site
- location and height of adjacent buildings and private open space
- all levels to be to Australian Height Datum (AHD).

2. A locality/context plan drawn at an appropriate scale should be submitted indicating:
- watercourses including nearby rivers and creeks, and dams
- significant local features such as heritage items
- the location and uses of nearby buildings, shopping and employment areas, hospitals and schools and
- traffic and road patterns, pedestrian routes and public transport nodes.

3. An indication of the location of the site with respect to the relevant Land Zoning Map within the *Port Stephens Local Environment Plan 2013*

4. Drawings at an appropriate scale illustrating:
- detailed plans, sections and elevations of the existing building, which clearly show all proposed internal and external alterations and additions.

Documents to be submitted

Documents to submit include:
- 1 electronic copy of all the documents and plans for review prior to exhibition and
- other copies as determined by the Department once the development application is lodged.

Technical and Policy Guidelines

The following guidelines may assist in the preparation of the Environmental Impact Statement. This list is not exhaustive and not all of these guidelines may be relevant to your proposal.

Many of these documents can be found on the following websites:
http://www.planning.nsw.gov.au
http://www.bookshop.nsw.gov.au
http://www.publications.gov.au

Policies, Guidelines & Plans

Aspect	Policy /Methodology
Waste	
	Waste Avoidance and Resource Recovery Strategy 2010-2021 (EPA)
	The National Waste Policy: Less Waste More Resources 2009
	Waste Classification Guidelines (EPA, 2014)
Soil and Water	
Soil	Australian and New Zealand Guidelines for the Assessment and Management of Contaminated Sites (ANZECC & NHMRC)
	National Environment Protection (Assessment of Site Contamination) Measure 1999 (NEPC)
	Draft Guidelines for the Assessment & Management of Groundwater Contamination (DECC)
	State Environmental Planning Policy No. 55 – Remediation of Land
	Managing Land Contamination – Planning Guidelines SEPP 55 – Remediation of Land (DOP)
	Acid Sulfate Soils Manual (Stone et al. 1998)
Water	National Water Quality Management Strategy: Water quality management - an outline of the policies (ANZECC/ARMCANZ)
	NSW Guidelines for Controlled Activities on Waterfront Land (NOW, 2012)
	National Water Quality Management Strategy: Policies and principles - a reference document (ANZECC/ARMCANZ)
	National Water Quality Management Strategy: Implementation guidelines (ANZECC/ARMCANZ)
	National Water Quality Management Strategy: Australian Guidelines for Fresh and Marine Water Quality (ANZECC/ARMCANZ)
	National Water Quality Management Strategy: Australian Guidelines for Water Quality Monitoring and Reporting (ANZECC/ARMCANZ)
	Using the ANZECC Guideline and Water Quality Objectives in NSW (DEC)
	NSW State Rivers and Estuaries Policy (1993)
	State Water Management Outcomes Plan
	NSW Government Water Quality and River Flow Environmental Objectives (DECC)
	Approved Methods for the Sampling and Analysis of Water Pollutants in NSW (DEC)
	Managing Urban Stormwater: Soils & Construction (Landcom)
	Managing Urban Stormwater: Treatment Techniques (DECC)
	Managing Urban Stormwater: Source Control (DECC)
	Technical Guidelines: Bunding & Spill Management (DECC)
	NSW Floodplain Development Manual 2005
Traffic and Transport	
	Guide to Traffic Generating Development (RTA)
	Road Design Guide (RTA)
Air Quality and Odour	
Air Quality	Protection of the Environment Operations (Clean Air) Regulation 2010
	Approved Methods for the Modelling and Assessment of Air Pollutants in NSW (DEC)
	Approved Methods for the Sampling and Analysis of Air Pollutants in NSW (DEC)
	The National Greenhouse and Energy Reporting (Measurement) Technical Guidelines

	(NGER Technical Guidelines)
	Guidelines for Energy Savings Action Plans (DEUS, 2005)
Odour	Technical Framework: Assessment and Management of Odour from Stationary Sources in NSW (DEC 2006)
	Technical Notes: Assessment and Management of Odour from Stationary Sources in NSW (DEC)
Noise and Vibration	
Noise	NSW Industrial Noise Policy (2017)
	NSW Road Noise Policy (EPA, 2011)
	Environmental Criteria for Road Traffic Noise (NSW EPA)
	Interim Construction Noise Guideline (DECC, 2009)
Vibration	Assessing Vibration: A Technical Guideline (DEC, 2006)
Flora and Fauna	
	Framework for Biodiversity Assessment (OEH, 2014)
Hazards	
	State Environmental Planning Policy No. 33 – Hazardous and Offensive Development
	Applying SEPP 33 – Hazardous and Offensive Development Application Guidelines (DUAP)
	Hazardous Industry Planning Advisory Paper No. 6 – Guidelines for Hazard Analysis
Heritage	
	Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW (DECCW, 2011)
	Code of Practice for the Archaeological Investigation of Aboriginal Objects in New South Wales (DECCW, 2010)
	Draft Guidelines for Aboriginal Cultural Impact Assessment and Community Consultation (Department of Planning, 2005)
	Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010 (DECCW, 2010)
	NSW Heritage Manual (DUAP)
Visual	
	Control of Obtrusive Effects of Outdoor Lighting (Standards Australia, AS 4282)
	State Environmental Planning Policy No 64 - Advertising and Signage

Appendix B

Project Approval

Appendix B Project Approval

Project Approval

Section 75J of the *Environmental Planning and Assessment Act 1979*

Under the Minister for Planning's delegation of 4 March 2009, I approve the project referred to in Schedule 1, subject to the conditions in Schedules 1 to 4.

These conditions are required to:

- prevent, minimise, and/or offset adverse environmental impacts;
- set standards and performance measures for acceptable environmental performance;
- require regular monitoring and reporting; and
- provide for the ongoing environmental management of the project.

S Haddad

Sam Haddad
Director-General
as delegate of the Minister for Planning

Sydney 7th August 2009

SCHEDULE 1

Application Number:	06_0050
Proponent:	Regain Services Pty Ltd
Approval Authority:	Minister for Planning
Land:	Lots 15 and 16 in DP 258020, Tomago Road, Tomago
Project:	Spent Potlining Recycling Facility

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DEFINITIONS

BCA	Building Code of Australia
Council	Port Stephens Council
DECC	Department of Environment and Climate Change
Department	Department of Planning
Director-General	Director-General of Department of Planning, or delegate
EA	Environmental Assessment titled *"Construction and Operation of a Spent Potliner Processing Facility, Tomago", dated 1 May 2009 and prepared by ENSR Australia Pty Ltd*
EP&A Act	*Environmental Planning and Assessment Act 1979*
EP&A Regulation	*Environmental Planning and Assessment Regulation 2000*
EPL	Environment Protection Licence
Hydro Aluminium Smelter	Hydro Aluminium Kurri Kurri Pty Ltd, Hart Road, Loxford, NSW
Minister	Minister for Planning, or delegate
Project	The development as described in the EA
Proponent	Regain Services Pty Ltd
Reasonable and Feasible	Reasonable relates to the application of judgement in arriving at a decision, taking into account: mitigation benefits, cost of mitigation versus benefits provided, community views and the nature and extent of potential improvements. Feasible relates to engineering considerations and what is practical to build.
Recycling Facility	The SPL Recycling Facility at the Tomago Aluminium Smelter
Site	The land referred to in Schedule 1
SPL	Spent Potlining
Statement of Commitments	The Proponent's commitments contained within in the EA
TAC	Tomago Aluminium Company Pty Ltd
Thermal Treatment Plant	The thermal process plant whereby cyanide and flammable gas would be neutralised. Valuable materials such as carbon and fluorides would be retained. The Thermal Treatment Plant is not within a covered building.

SCHEDULE 2
ADMINISTRATIVE CONDITIONS

Obligation to Minimise Harm to the Environment

1. The Proponent shall implement all reasonable and feasible measures to prevent and/or minimise any harm to the environment that may result from the construction and/or operation of the project.

Terms of Approval

2. The Proponent shall carry out the project generally in accordance with the:
   a) EA;
   b) site plan in Appendix A;
   c) statement of commitments; and
   d) conditions of this approval.

3. If there is any inconsistency between the above, the conditions of this approval shall prevail to the extent of any inconsistency.

4. The Proponent shall comply with any reasonable requirement/s of the Director-General arising from the Department's assessment of:
   - any reports, plans, strategies, programs or correspondence that are submitted in accordance with this approval; and
   - the implementation of any actions or measures contained in these reports, plans, strategies, programs or correspondence.

Limits on Approval

5. The Proponent shall not process more than a total of 20,000 tonnes per annum (tpa) of SPL waste classified as hazardous or restricted solid waste from the Tomago Aluminium Smelter and the Hydro Aluminium Smelter collectively.

6. The SPL Recycling Facility shall recycle SPL into non-hazardous waste or a useable product.

Management Plans

7. With the approval of the Director-General, the Proponent may submit any management plan required by this approval on a progressive basis.

Structural Adequacy

8. The Proponent shall ensure that all new buildings and structures on the site are constructed in accordance with the relevant requirements of the BCA.

   Notes:
   - *Under Part 4A of the EP&A Act, the Proponent is required to obtain construction and occupation certificates for the proposed building works.*
   - *Part 8 of the EP&A Regulation sets out the requirements for the certification of the project.*

9. Prior to the construction of any utility works, the Proponent shall obtain the relevant approvals from service providers, including Hunter Water.

Operation of Plant and Equipment

10. The Proponent shall ensure that all plant and equipment used on the site is:
    - maintained in a proper and efficient condition; and
    - operated in a proper and efficient manner.

SCHEDULE 3
SPECIFIC ENVIRONMENTAL CONDITIONS

SOIL AND WATER

Discharges

11. The Proponent shall comply with Section 120 of the *Protection of the Environment Operations Act 1997*.

12. All SPL waste must be stored and processed under cover or within the thermal treatment plant.

Bunding

13. All chemicals, fuels and oils shall be stored in appropriately bunded areas, with impervious flooring and sufficient capacity to contain 110% of the largest container stored within the bund. The bund(s) shall be designed and installed in accordance with:
    - the requirements of all relevant Australian Standards; and
    - the DECC's *Storing and Handling Liquids: Environmental Protection, Participants Manual.*

Erosion and Sediment Control

14. Erosion and sediment control at the site during construction shall be consistent with the requirements of *Landcom's (2004) Managing Urban Stormwater: Soils and Construction* manual.

Stormwater Management Plan

15. The Proponent shall prepare and implement a Stormwater Management Plan for the project to the satisfaction of the Director-General. This plan must:
    (a) be submitted to the Director-General for approval prior to construction;
    (b) be prepared by a suitably qualified and experienced person in consultation with Council; and:
        - include details of erosion and sediment control during construction;
        - include detailed plans of the stormwater management system for the project;
        - ensure the SPL facility is constructed so that the truck loading areas are bunded to prevent potential contamination of nearby stormwater drains;
        - describe the storage areas for SPL including details of how SPL will be kept dry and secure (to ensure protection of the groundwater); and
        - describe the procedures for the installation, inspection and maintenance of the stormwater system;
        - describe the monitoring that occurs at the site which would detect any discharges that may affect water quality.

HAZARDS

16. Prior to commissioning of the new SPL facility, the Proponent shall develop and implement a comprehensive Safety Management System (SMS) for the project to the satisfaction of the Director-General. The SMS shall incorporate the recommendations in section 10.4 of the EA. The SMS shall be consistent with the Department of Planning's *Hazardous Industry Planning Advisory Paper No. 9, 'Safety Management'*.

AIR

Air Quality Monitoring and Criteria

17. The Proponent shall carry out all reasonable and feasible measures to minimise dust generated by the project.

18. The Applicant shall undertake air emission monitoring as required by the EPL, and shall ensure that the project meets the air quality impact assessment criteria outlined in the EPL.

19. Within nine months of the commencement of operations, the Proponent shall prepare and submit an Air Quality Verification Report to the satisfaction of the Director-General and the DECC. The Air Quality Verification Report shall include:
    i) monitoring data required by the EPL;
    ii) copies of all analytical test reports for all substances sampled and tested;
    iii) comparison of monitoring results with the predictions outlined in the EA and with any limits or conditions in the EPL; and

iv) if necessary, additional measures that would be implemented to comply with the requirements of the EPL.

NOISE

Construction

20. The Proponent shall comply with the restrictions in Table 1, unless otherwise agreed by the Director-General.

Table 1: Construction and Operation Hours for the Project

Activity	Day	Time
Construction	Monday – Friday	7:00am to 6:00pm
	Saturday	8:00am to 1:00pm
	Sunday and Public Holidays	Nil
Operation	All days	Any time

Note: Construction activities may be conducted outside the hours in Table 1 provided that the activities are not audible at any residence beyond the boundary of the site.

Noise Limits

21. The Proponent shall ensure that the noise from the operation of the project does not exceed the noise limits presented in Table 2.

Table 2: Project Noise Limits (dB(A))

Location	Day/Evening/Night	Night
		dBA $L_{A1\ (1\ minute)}$
Residences on Tomago Road	35 dBA $L_{Aeq\ (15\ minute)}$	45
Industrial receivers	70 dBA L_{Aeq}	70

Notes:

a) The noise emission limits identified in the above table apply under meteorological conditions of:

- *wind speeds of up to 3 m/s at 10 metres above ground level; and*
- *temperature inversion conditions of up to 3°C/100m, and wind speeds of up to 2 m/s at 10 metres above ground level.*

TRANSPORT

22. At all times the Proponent shall ensure that:
- all trucks entering or leaving the site with loads have their loads covered;
- trucks associated with the project do not track dirt onto the public road network; and
- the public roads used by these trucks are kept clean of any Regain products or materials.

23. The Proponent shall ensure that:
- all parking generated by the project is accommodated on site, and that no vehicles associated with the project shall park on the public road system at any stage;
- that the project does not result in any vehicles queuing on the public road network;
- vehicles associated with the project are operated at low speed or power within the TAC site and are turned off when not being used; and
- vehicles are not to be left idling for prolonged periods.

WASTE

24. The Proponent shall ensure that waste would be reused, recycled, and if necessary, appropriately treated and disposed of in accordance with the DECC's *Waste Classification Guidelines.*

VISUAL

Lighting

25. The Proponent shall ensure that the lighting associated with the project:
    a) complies with the latest version of Australian Standard *AS 4282(INT)-Control of Obtrusive Effects of Outdoor Lighting*; and
    b) is mounted, screened and directed in such a manner that it does not create a nuisance to surrounding properties or the public road network.

SCHEDULE 4
ENVIRONMENTAL MANAGEMENT REPORTING AND AUDITING

ENVIRONMENTAL MANAGEMENT STRATEGY

26. The Proponent shall prepare and implement an Environmental Management Strategy for the project to the satisfaction of the Director-General. This strategy must be submitted to the Director-General prior to carrying out any development on site, and:
    a) provide the strategic context for environmental management of the project;
    b) identify the statutory requirements that apply to the project;
    c) describe in general how the environmental performance of the project would be monitored and managed;
    d) describe the procedures that would be implemented to:
        - keep the local community and relevant agencies informed about the operation and environmental performance of the project;
        - receive, handle, respond to, and record complaints;
        - resolve any disputes that may arise during the course of the project;
        - respond to any non-compliance;
        - manage cumulative impacts; and
        - respond to emergencies; and
    e) describe the role, responsibility, authority, and accountability of all the key personnel involved in environmental management of the project.

ENVIRONMENTAL REPORTING

Incidents

27. Within 24 hours of detecting an exceedance of the limits/performance criteria in this approval or the occurrence of an incident that causes (or may cause) harm to the environment, the Proponent shall notify the Department and other relevant agencies of the exceedance/incident.

28. Within 6 days of notifying the Department and other relevant agencies of an exceedance/incident, the Proponent shall provide the Department and these agencies with a written report that:
    - describes the date, time, and nature of the exceedance/incident;
    - identifies the cause (or likely cause) of the exceedance/incident;
    - describes what action has been taken to date; and
    - describes the proposed measures to address the exceedance/incident.

Independent Environmental Audit

29. Within 2 years of this approval, and every 3 years thereafter, unless the Director-General directs otherwise, the Proponent shall commission and pay the full cost of an Independent Environmental Audit of the project. This audit must:
    (a) be conducted by a suitably qualified, experienced, and independent team of experts whose appointment has been endorsed by the Director-General;
    (b) assess the environmental performance of the project, and its effects on the surrounding environment;
    (c) assess whether the project is complying with the relevant standards, performance measures, and statutory requirements;
    (d) review the adequacy of any strategy/plan/program required under this approval; and, if necessary,
    (e) recommend measures or actions to improve the environmental performance of the project, and/or any strategy/plan/program required under this approval.

30. Within 3 months of submitting the audit report to the Director-General, the Proponent shall review and if necessary revise the strategies/plans/programs required under this approval, to the satisfaction of the Director-General.

Notice of Modification

Section 75W of the *Environmental Planning & Assessment Act 1979*

As delegate of the Minister for Planning under delegation dated 16 February 2015, I modify the Project Approval referred to in Schedule 1, subject to the conditions in Schedule 2.

Chris Ritchie
Director
Industry Assessments

Sydney 16 NOVEMBER 2016

SCHEDULE 1

Development Approval:	**MP 06_0050** (granted by the then Minister for Planning on 7 August 2009)
For the following:	Spent Potlining Recycling Facility at Tomago Road, Tomago
Proponent:	Regain Services Pty Ltd
Approval Authority:	Minister for Planning
Land:	Lots 15 and 16 in DP 258020
Modification:	**MP 06_0050 MOD 1**: remove the restrictions on the source supplier of spent potliner (SPL) waste.

SCHEDULE 2

The above approval is modified as follows:

(a) Delete Condition 2 of Schedule 2 and replace with:

2. The Proponent shall carry out the project in accordance with the
   a) EA;
   b) site plan in Appendix A;
   c) statement of commitments;
   d) modification proposal MP 06_0050 Mod 1; and

(b) Delete Condition 5 of Schedule 2 and replace with:

5. The Proponent shall not process more than a total of 20,000 tonnes per annum (tpa) of SPL waste classified as hazardous or restricted solid waste.

End of Modification

Appendix C

Protected Matters Search Results

Appendix C Protected Matters Search Results

Australian Government
Department of the Environment and Energy

EPBC Act Protected Matters Report

This report provides general guidance on matters of national environmental significance and other matters protected by the EPBC Act in the area you have selected.

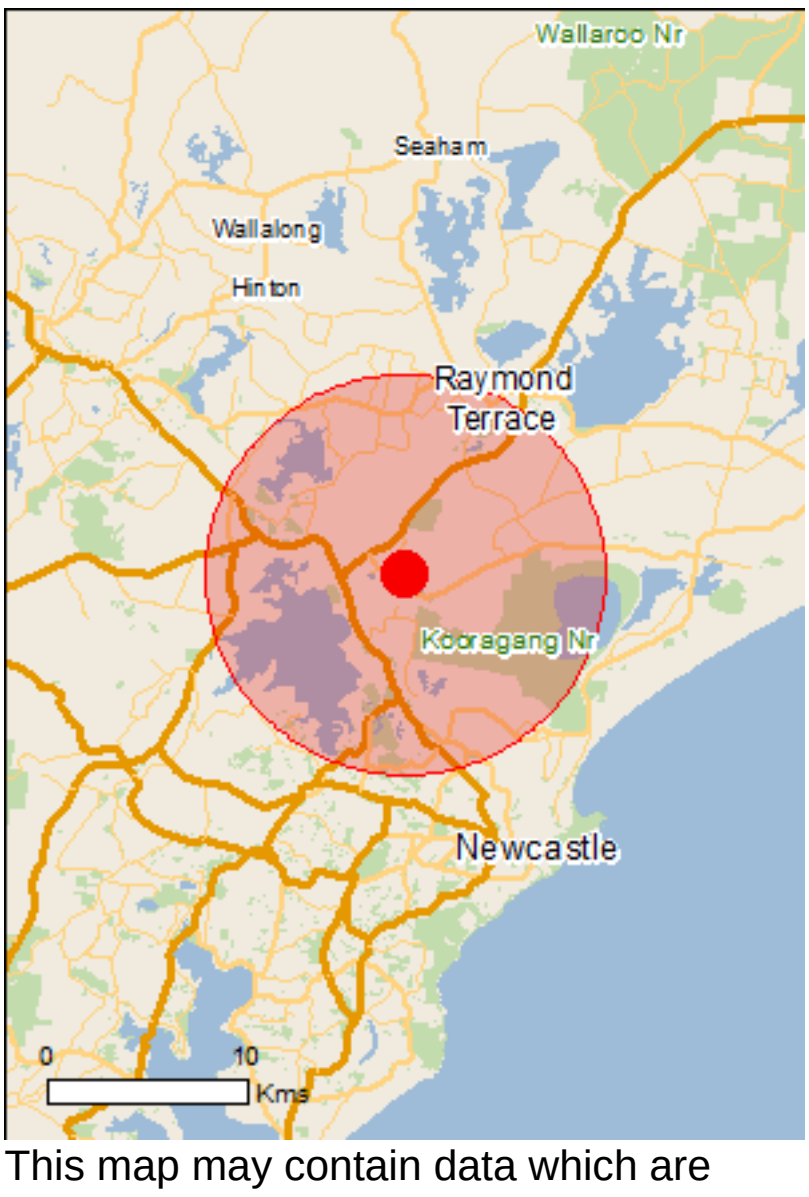
Information on the coverage of this report and qualifications on data supporting this report are contained in the caveat at the end of the report.

Information is available about Environment Assessments and the EPBC Act including significance guidelines, forms and application process details.

Report created: 22/06/18 15:59:40

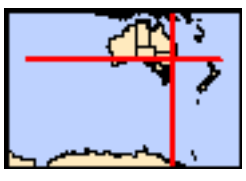
Summary
Details
- Matters of NES
- Other Matters Protected by the EPBC Act
- Extra Information

Caveat
Acknowledgements



This map may contain data which are ©Commonwealth of Australia (Geoscience Australia), ©PSMA 2010

Coordinates
Buffer: 10.0Km



Summary

Matters of National Environmental Significance

This part of the report summarises the matters of national environmental significance that may occur in, or may relate to, the area you nominated. Further information is available in the detail part of the report, which can be accessed by scrolling or following the links below. If you are proposing to undertake an activity that may have a significant impact on one or more matters of national environmental significance then you should consider the Administrative Guidelines on Significance.

World Heritage Properties:	None
National Heritage Places:	None
Wetlands of International Importance:	1
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	None
Listed Threatened Ecological Communities:	4
Listed Threatened Species:	68
Listed Migratory Species:	62

Other Matters Protected by the EPBC Act

This part of the report summarises other matters protected under the Act that may relate to the area you nominated. Approval may be required for a proposed activity that significantly affects the environment on Commonwealth land, when the action is outside the Commonwealth land, or the environment anywhere when the action is taken on Commonwealth land. Approval may also be required for the Commonwealth or Commonwealth agencies proposing to take an action that is likely to have a significant impact on the environment anywhere.

The EPBC Act protects the environment on Commonwealth land, the environment from the actions taken on Commonwealth land, and the environment from actions taken by Commonwealth agencies. As heritage values of a place are part of the 'environment', these aspects of the EPBC Act protect the Commonwealth Heritage values of a Commonwealth Heritage place. Information on the new heritage laws can be found at http://www.environment.gov.au/heritage

A permit may be required for activities in or on a Commonwealth area that may affect a member of a listed threatened species or ecological community, a member of a listed migratory species, whales and other cetaceans, or a member of a listed marine species.

Commonwealth Land:	10
Commonwealth Heritage Places:	None
Listed Marine Species:	70
Whales and Other Cetaceans:	1
Critical Habitats:	None
Commonwealth Reserves Terrestrial:	None
Commonwealth Reserves Marine:	None

Extra Information

This part of the report provides information that may also be relevant to the area you have nominated.

State and Territory Reserves:	3
Regional Forest Agreements:	1
Invasive Species:	45
Nationally Important Wetlands:	3
Key Ecological Features (Marine)	None

Details

Matters of National Environmental Significance

Wetlands of International Importance (Ramsar) [Resource Information]

Name	Proximity
Hunter estuary wetlands	Within Ramsar site

Listed Threatened Ecological Communities [Resource Information]

For threatened ecological communities where the distribution is well known, maps are derived from recovery plans, State vegetation maps, remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.

Name	Status	Type of Presence
Central Hunter Valley eucalypt forest and woodland	Critically Endangered	Community may occur within area
Coastal Swamp Oak (Casuarina glauca) Forest of New South Wales and South East Queensland ecological community	Endangered	Community likely to occur within area
Lowland Rainforest of Subtropical Australia	Critically Endangered	Community may occur within area
Subtropical and Temperate Coastal Saltmarsh	Vulnerable	Community likely to occur within area

Listed Threatened Species [Resource Information]

Name	Status	Type of Presence
Birds		
Anthochaera phrygia Regent Honeyeater [82338]	Critically Endangered	Foraging, feeding or related behaviour likely to occur within area
Botaurus poiciloptilus Australasian Bittern [1001]	Endangered	Species or species habitat known to occur within area
Calidris canutus Red Knot, Knot [855]	Endangered	Species or species habitat known to occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat known to occur within area
Calidris tenuirostris Great Knot [862]	Critically Endangered	Roosting known to occur within area
Charadrius leschenaultii Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Roosting known to occur within area
Charadrius mongolus Lesser Sand Plover, Mongolian Plover [879]	Endangered	Roosting known to occur within area
Dasyornis brachypterus Eastern Bristlebird [533]	Endangered	Species or species habitat likely to occur within area
Diomedea antipodensis Antipodean Albatross [64458]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area

Name	Status	Type of Presence
Diomedea antipodensis gibsoni Gibson's Albatross [82270]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Diomedea epomophora Southern Royal Albatross [89221]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Diomedea exulans Wandering Albatross [89223]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Diomedea sanfordi Northern Royal Albatross [64456]	Endangered	Foraging, feeding or related behaviour likely to occur within area
Erythrotriorchis radiatus Red Goshawk [942]	Vulnerable	Species or species habitat likely to occur within area
Grantiella picta Painted Honeyeater [470]	Vulnerable	Species or species habitat may occur within area
Lathamus discolor Swift Parrot [744]	Critically Endangered	Species or species habitat known to occur within area
Limosa lapponica baueri Bar-tailed Godwit (baueri), Western Alaskan Bar-tailed Godwit [86380]	Vulnerable	Species or species habitat known to occur within area
Limosa lapponica menzbieri Northern Siberian Bar-tailed Godwit, Bar-tailed Godwit (menzbieri) [86432]	Critically Endangered	Species or species habitat may occur within area
Macronectes giganteus Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area
Macronectes halli Northern Giant Petrel [1061]	Vulnerable	Species or species habitat may occur within area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat known to occur within area
Pachyptila turtur subantarctica Fairy Prion (southern) [64445]	Vulnerable	Species or species habitat known to occur within area
Rostratula australis Australian Painted Snipe [77037]	Endangered	Species or species habitat likely to occur within area
Thalassarche bulleri Buller's Albatross, Pacific Albatross [64460]	Vulnerable	Species or species habitat may occur within area
Thalassarche bulleri platei Northern Buller's Albatross, Pacific Albatross [82273]	Vulnerable	Species or species habitat may occur within area
Thalassarche cauta cauta Shy Albatross, Tasmanian Shy Albatross [82345]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Thalassarche cauta steadi White-capped Albatross [82344]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area

Name	Status	Type of Presence
Thalassarche eremita		
Chatham Albatross [64457]	Endangered	Foraging, feeding or related behaviour likely to occur within area
Thalassarche impavida		
Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	Species or species habitat may occur within area
Thalassarche melanophris		
Black-browed Albatross [66472]	Vulnerable	Species or species habitat may occur within area
Thalassarche salvini		
Salvin's Albatross [64463]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Fish		
Epinephelus daemelii		
Black Rockcod, Black Cod, Saddled Rockcod [68449]	Vulnerable	Species or species habitat likely to occur within area
Frogs		
Heleioporus australiacus		
Giant Burrowing Frog [1973]	Vulnerable	Species or species habitat may occur within area
Litoria aurea		
Green and Golden Bell Frog [1870]	Vulnerable	Species or species habitat known to occur within area
Litoria littlejohni		
Littlejohn's Tree Frog, Heath Frog [64733]	Vulnerable	Species or species habitat may occur within area
Mixophyes balbus		
Stuttering Frog, Southern Barred Frog (in Victoria) [1942]	Vulnerable	Species or species habitat likely to occur within area
Mammals		
Chalinolobus dwyeri		
Large-eared Pied Bat, Large Pied Bat [183]	Vulnerable	Species or species habitat known to occur within area
Dasyurus maculatus maculatus (SE mainland population)		
Spot-tailed Quoll, Spotted-tail Quoll, Tiger Quoll (southeastern mainland population) [75184]	Endangered	Species or species habitat known to occur within area
Petauroides volans		
Greater Glider [254]	Vulnerable	Species or species habitat known to occur within area
Petrogale penicillata		
Brush-tailed Rock-wallaby [225]	Vulnerable	Species or species habitat may occur within area
Phascolarctos cinereus (combined populations of Qld, NSW and the ACT)		
Koala (combined populations of Queensland, New South Wales and the Australian Capital Territory) [85104]	Vulnerable	Species or species habitat known to occur within area
Potorous tridactylus tridactylus		
Long-nosed Potoroo (SE mainland) [66645]	Vulnerable	Species or species habitat likely to occur within area
Pseudomys novaehollandiae		
New Holland Mouse, Pookila [96]	Vulnerable	Species or species habitat known to occur within area
Pteropus poliocephalus		
Grey-headed Flying-fox [186]	Vulnerable	Roosting known to occur within area
Plants		

Name	Status	Type of Presence
Angophora inopina Charmhaven Apple [64832]	Vulnerable	Species or species habitat likely to occur within area
Asperula asthenes Trailing Woodruff [14004]	Vulnerable	Species or species habitat may occur within area
Asterolasia elegans [56780]	Endangered	Species or species habitat may occur within area
Caladenia tessellata Thick-lipped Spider-orchid, Daddy Long-legs [2119]	Vulnerable	Species or species habitat likely to occur within area
Commersonia prostrata Dwarf Kerrawang [87152]	Endangered	Species or species habitat likely to occur within area
Cryptostylis hunteriana Leafless Tongue-orchid [19533]	Vulnerable	Species or species habitat likely to occur within area
Cynanchum elegans White-flowered Wax Plant [12533]	Endangered	Species or species habitat known to occur within area
Dichanthium setosum bluegrass [14159]	Vulnerable	Species or species habitat likely to occur within area
Eucalyptus camfieldii Camfield's Stringybark [15460]	Vulnerable	Species or species habitat likely to occur within area
Eucalyptus parramattensis subsp. decadens Earp's Gum, Earp's Dirty Gum [56148]	Vulnerable	Species or species habitat known to occur within area
Grevillea parviflora subsp. parviflora Small-flower Grevillea [64910]	Vulnerable	Species or species habitat known to occur within area
Melaleuca biconvexa Biconvex Paperbark [5583]	Vulnerable	Species or species habitat may occur within area
Persicaria elatior Knotweed, Tall Knotweed [5831]	Vulnerable	Species or species habitat likely to occur within area
Phaius australis Lesser Swamp-orchid [5872]	Endangered	Species or species habitat may occur within area
Prasophyllum sp. Wybong (C.Phelps ORG 5269) a leek-orchid [81964]	Critically Endangered	Species or species habitat may occur within area
Pterostylis gibbosa Illawarra Greenhood, Rufa Greenhood, Pouched Greenhood [4562]	Endangered	Species or species habitat may occur within area
Rutidosis heterogama Heath Wrinklewort [13132]	Vulnerable	Species or species habitat likely to occur within area
Syzygium paniculatum Magenta Lilly Pilly, Magenta Cherry, Daguba, Scrub Cherry, Creek Lilly Pilly, Brush Cherry [20307]	Vulnerable	Species or species habitat known to occur within area

Name	Status	Type of Presence
[Tetratheca juncea](#)		
Black-eyed Susan [21407]	Vulnerable	Species or species habitat likely to occur within area
Reptiles		
[Caretta caretta](#)		
Loggerhead Turtle [1763]	Endangered	Species or species habitat known to occur within area
[Chelonia mydas](#)		
Green Turtle [1765]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
[Dermochelys coriacea](#)		
Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Species or species habitat known to occur within area
[Eretmochelys imbricata](#)		
Hawksbill Turtle [1766]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
[Natator depressus](#)		
Flatback Turtle [59257]	Vulnerable	Foraging, feeding or related behaviour known to occur within area

Listed Migratory Species [Resource Information]

* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.

Name	Threatened	Type of Presence
Migratory Marine Birds		
[Anous stolidus](#)		
Common Noddy [825]		Species or species habitat likely to occur within area
[Apus pacificus](#)		
Fork-tailed Swift [678]		Species or species habitat likely to occur within area
[Calonectris leucomelas](#)		
Streaked Shearwater [1077]		Species or species habitat known to occur within area
[Diomedea antipodensis](#)		
Antipodean Albatross [64458]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
[Diomedea epomophora](#)		
Southern Royal Albatross [89221]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
[Diomedea exulans](#)		
Wandering Albatross [89223]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
[Diomedea sanfordi](#)		
Northern Royal Albatross [64456]	Endangered	Foraging, feeding or related behaviour likely to occur within area
[Fregata ariel](#)		
Lesser Frigatebird, Least Frigatebird [1012]		Species or species habitat known to occur within area
[Fregata minor](#)		
Great Frigatebird, Greater Frigatebird [1013]		Species or species habitat likely to occur within area
[Macronectes giganteus](#)		
Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area
[Macronectes halli](#)		
Northern Giant Petrel [1061]	Vulnerable	Species or species habitat may occur within

Name	Threatened	Type of Presence
		area
Thalassarche bulleri Buller's Albatross, Pacific Albatross [64460]	Vulnerable	Species or species habitat may occur within area
Thalassarche cauta Tasmanian Shy Albatross [89224]	Vulnerable*	Foraging, feeding or related behaviour likely to occur within area
Thalassarche eremita Chatham Albatross [64457]	Endangered	Foraging, feeding or related behaviour likely to occur within area
Thalassarche impavida Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	Species or species habitat may occur within area
Thalassarche melanophris Black-browed Albatross [66472]	Vulnerable	Species or species habitat may occur within area
Thalassarche salvini Salvin's Albatross [64463]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Thalassarche steadi White-capped Albatross [64462]	Vulnerable*	Foraging, feeding or related behaviour likely to occur within area
Migratory Marine Species		
Caretta caretta Loggerhead Turtle [1763]	Endangered	Species or species habitat known to occur within area
Chelonia mydas Green Turtle [1765]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Species or species habitat known to occur within area
Eretmochelys imbricata Hawksbill Turtle [1766]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
Lamna nasus Porbeagle, Mackerel Shark [83288]		Species or species habitat may occur within area
Manta alfredi Reef Manta Ray, Coastal Manta Ray, Inshore Manta Ray, Prince Alfred's Ray, Resident Manta Ray [84994]		Species or species habitat may occur within area
Manta birostris Giant Manta Ray, Chevron Manta Ray, Pacific Manta Ray, Pelagic Manta Ray, Oceanic Manta Ray [84995]		Species or species habitat may occur within area
Natator depressus Flatback Turtle [59257]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
Sousa chinensis Indo-Pacific Humpback Dolphin [50]		Species or species habitat likely to occur within area
Migratory Terrestrial Species		
Cuculus optatus Oriental Cuckoo, Horsfield's Cuckoo [86651]		Species or species habitat may occur within area
Hirundapus caudacutus White-throated Needletail [682]		Species or species

Name	Threatened	Type of Presence
		habitat known to occur within area
Monarcha melanopsis Black-faced Monarch [609]		Species or species habitat known to occur within area
Monarcha trivirgatus Spectacled Monarch [610]		Species or species habitat likely to occur within area
Motacilla flava Yellow Wagtail [644]		Species or species habitat known to occur within area
Myiagra cyanoleuca Satin Flycatcher [612]		Species or species habitat known to occur within area
Rhipidura rufifrons Rufous Fantail [592]		Species or species habitat known to occur within area
Migratory Wetlands Species		
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat known to occur within area
Arenaria interpres Ruddy Turnstone [872]		Roosting known to occur within area
Calidris acuminata Sharp-tailed Sandpiper [874]		Roosting known to occur within area
Calidris canutus Red Knot, Knot [855]	Endangered	Species or species habitat known to occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat known to occur within area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat known to occur within area
Calidris ruficollis Red-necked Stint [860]		Roosting known to occur within area
Calidris tenuirostris Great Knot [862]	Critically Endangered	Roosting known to occur within area
Charadrius bicinctus Double-banded Plover [895]		Roosting known to occur within area
Charadrius leschenaultii Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Roosting known to occur within area
Charadrius mongolus Lesser Sand Plover, Mongolian Plover [879]	Endangered	Roosting known to occur within area
Gallinago hardwickii Latham's Snipe, Japanese Snipe [863]		Roosting known to occur within area
Gallinago megala Swinhoe's Snipe [864]		Roosting likely to occur within area
Gallinago stenura Pin-tailed Snipe [841]		Roosting likely to occur within area
Limicola falcinellus Broad-billed Sandpiper [842]		Roosting known to occur within area

Name	Threatened	Type of Presence
Limosa lapponica Bar-tailed Godwit [844]		Species or species habitat known to occur within area
Limosa limosa Black-tailed Godwit [845]		Roosting known to occur within area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat known to occur within area
Numenius minutus Little Curlew, Little Whimbrel [848]		Roosting likely to occur within area
Numenius phaeopus Whimbrel [849]		Roosting known to occur within area
Pandion haliaetus Osprey [952]		Species or species habitat known to occur within area
Philomachus pugnax Ruff (Reeve) [850]		Roosting known to occur within area
Pluvialis fulva Pacific Golden Plover [25545]		Roosting known to occur within area
Pluvialis squatarola Grey Plover [865]		Roosting known to occur within area
Tringa brevipes Grey-tailed Tattler [851]		Roosting known to occur within area
Tringa nebularia Common Greenshank, Greenshank [832]		Species or species habitat known to occur within area
Tringa stagnatilis Marsh Sandpiper, Little Greenshank [833]		Roosting known to occur within area
Xenus cinereus Terek Sandpiper [59300]		Roosting known to occur within area

Other Matters Protected by the EPBC Act

Commonwealth Land [Resource Information]

The Commonwealth area listed below may indicate the presence of Commonwealth land in this vicinity. Due to the unreliability of the data source, all proposals should be checked as to whether it impacts on a Commonwealth area, before making a definitive decision. Contact the State or Territory government land department for further information.

Name
Commonwealth Land -
Commonwealth Land - Australian Postal Commission
Commonwealth Land - Australian Postal Corporation
Commonwealth Land - Australian Telecommunications Commission
Commonwealth Land - Commonwealth Trading Bank of Australia
Commonwealth Land - Defence Housing Authority
Commonwealth Land - Defence Service Homes Corporation
Commonwealth Land - Director of Defence Service Homes
Commonwealth Land - Director of War Service Homes
Commonwealth Land - Telstra Corporation Limited

Listed Marine Species [Resource Information]

* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.

Name	Threatened	Type of Presence
Birds		

Name	Threatened	Type of Presence
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat known to occur within area
Anous stolidus Common Noddy [825]		Species or species habitat likely to occur within area
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area
Ardea alba Great Egret, White Egret [59541]		Breeding known to occur within area
Ardea ibis Cattle Egret [59542]		Breeding likely to occur within area
Arenaria interpres Ruddy Turnstone [872]		Roosting known to occur within area
Calidris acuminata Sharp-tailed Sandpiper [874]		Roosting known to occur within area
Calidris canutus Red Knot, Knot [855]	Endangered	Species or species habitat known to occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat known to occur within area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat known to occur within area
Calidris ruficollis Red-necked Stint [860]		Roosting known to occur within area
Calidris tenuirostris Great Knot [862]	Critically Endangered	Roosting known to occur within area
Calonectris leucomelas Streaked Shearwater [1077]		Species or species habitat known to occur within area
Charadrius bicinctus Double-banded Plover [895]		Roosting known to occur within area
Charadrius leschenaultii Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Roosting known to occur within area
Charadrius mongolus Lesser Sand Plover, Mongolian Plover [879]	Endangered	Roosting known to occur within area
Charadrius ruficapillus Red-capped Plover [881]		Roosting known to occur within area
Cuculus saturatus Oriental Cuckoo, Himalayan Cuckoo [710]		Species or species habitat may occur within area
Diomedea antipodensis Antipodean Albatross [64458]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Diomedea epomophora Southern Royal Albatross [89221]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Diomedea exulans Wandering Albatross [89223]	Vulnerable	Foraging, feeding or related behaviour likely

Name	Threatened	Type of Presence
		to occur within area
[Diomedea gibsoni](#) Gibson's Albatross [64466]	Vulnerable*	Foraging, feeding or related behaviour likely to occur within area
[Diomedea sanfordi](#) Northern Royal Albatross [64456]	Endangered	Foraging, feeding or related behaviour likely to occur within area
[Fregata ariel](#) Lesser Frigatebird, Least Frigatebird [1012]		Species or species habitat known to occur within area
[Fregata minor](#) Great Frigatebird, Greater Frigatebird [1013]		Species or species habitat likely to occur within area
[Gallinago hardwickii](#) Latham's Snipe, Japanese Snipe [863]		Roosting known to occur within area
[Gallinago megala](#) Swinhoe's Snipe [864]		Roosting likely to occur within area
[Gallinago stenura](#) Pin-tailed Snipe [841]		Roosting likely to occur within area
[Haliaeetus leucogaster](#) White-bellied Sea-Eagle [943]		Species or species habitat known to occur within area
[Heteroscelus brevipes](#) Grey-tailed Tattler [59311]		Roosting known to occur within area
[Himantopus himantopus](#) Black-winged Stilt [870]		Roosting known to occur within area
[Hirundapus caudacutus](#) White-throated Needletail [682]		Species or species habitat known to occur within area
[Lathamus discolor](#) Swift Parrot [744]	Critically Endangered	Species or species habitat known to occur within area
[Limicola falcinellus](#) Broad-billed Sandpiper [842]		Roosting known to occur within area
[Limosa lapponica](#) Bar-tailed Godwit [844]		Species or species habitat known to occur within area
[Limosa limosa](#) Black-tailed Godwit [845]		Roosting known to occur within area
[Macronectes giganteus](#) Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area
[Macronectes halli](#) Northern Giant Petrel [1061]	Vulnerable	Species or species habitat may occur within area
[Merops ornatus](#) Rainbow Bee-eater [670]		Species or species habitat may occur within area
[Monarcha melanopsis](#) Black-faced Monarch [609]		Species or species habitat known to occur within area
[Monarcha trivirgatus](#) Spectacled Monarch [610]		Species or species habitat likely to occur

Name	Threatened	Type of Presence within area
Motacilla flava Yellow Wagtail [644]		Species or species habitat known to occur within area
Myiagra cyanoleuca Satin Flycatcher [612]		Species or species habitat known to occur within area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat known to occur within area
Numenius minutus Little Curlew, Little Whimbrel [848]		Roosting likely to occur within area
Numenius phaeopus Whimbrel [849]		Roosting known to occur within area
Pachyptila turtur Fairy Prion [1066]		Species or species habitat known to occur within area
Pandion haliaetus Osprey [952]		Species or species habitat known to occur within area
Philomachus pugnax Ruff (Reeve) [850]		Roosting known to occur within area
Pluvialis fulva Pacific Golden Plover [25545]		Roosting known to occur within area
Pluvialis squatarola Grey Plover [865]		Roosting known to occur within area
Recurvirostra novaehollandiae Red-necked Avocet [871]		Roosting known to occur within area
Rhipidura rufifrons Rufous Fantail [592]		Species or species habitat known to occur within area
Rostratula benghalensis (sensu lato) Painted Snipe [889]	Endangered*	Species or species habitat likely to occur within area
Thalassarche bulleri Buller's Albatross, Pacific Albatross [64460]	Vulnerable	Species or species habitat may occur within area
Thalassarche cauta Tasmanian Shy Albatross [89224]	Vulnerable*	Foraging, feeding or related behaviour likely to occur within area
Thalassarche eremita Chatham Albatross [64457]	Endangered	Foraging, feeding or related behaviour likely to occur within area
Thalassarche impavida Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	Species or species habitat may occur within area
Thalassarche melanophris Black-browed Albatross [66472]	Vulnerable	Species or species habitat may occur within area
Thalassarche salvini Salvin's Albatross [64463]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Thalassarche sp. nov. Pacific Albatross [66511]	Vulnerable*	Species or species

Name	Threatened	Type of Presence
		habitat may occur within area
[Thalassarche steadi](#) White-capped Albatross [64462]	Vulnerable*	Foraging, feeding or related behaviour likely to occur within area
[Tringa nebularia](#) Common Greenshank, Greenshank [832]		Species or species habitat known to occur within area
[Tringa stagnatilis](#) Marsh Sandpiper, Little Greenshank [833]		Roosting known to occur within area
[Xenus cinereus](#) Terek Sandpiper [59300]		Roosting known to occur within area
Reptiles		
[Caretta caretta](#) Loggerhead Turtle [1763]	Endangered	Species or species habitat known to occur within area
[Chelonia mydas](#) Green Turtle [1765]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
[Dermochelys coriacea](#) Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Species or species habitat known to occur within area
[Eretmochelys imbricata](#) Hawksbill Turtle [1766]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
[Natator depressus](#) Flatback Turtle [59257]	Vulnerable	Foraging, feeding or related behaviour known to occur within area

Whales and other Cetaceans		[Resource Information]
Name	Status	Type of Presence
Mammals		
[Sousa chinensis](#) Indo-Pacific Humpback Dolphin [50]		Species or species habitat likely to occur within area

Extra Information

State and Territory Reserves	[Resource Information]
Name	State
Hexham Swamp	NSW
Hunter Wetlands	NSW
Tilligerry	NSW

Regional Forest Agreements	[Resource Information]

Note that all areas with completed RFAs have been included.

Name	State
[North East NSW RFA](#)	New South Wales

Invasive Species [Resource Information]

Weeds reported here are the 20 species of national significance (WoNS), along with other introduced plants that are considered by the States and Territories to pose a particularly significant threat to biodiversity. The following feral animals are reported: Goat, Red Fox, Cat, Rabbit, Pig, Water Buffalo and Cane Toad. Maps from Landscape Health Project, National Land and Water Resouces Audit, 2001.

Name	Status	Type of Presence
Birds		
Acridotheres tristis Common Myna, Indian Myna [387]		Species or species habitat likely to occur within area
Alauda arvensis Skylark [656]		Species or species habitat likely to occur within area
Anas platyrhynchos Mallard [974]		Species or species habitat likely to occur within area
Carduelis carduelis European Goldfinch [403]		Species or species habitat likely to occur within area
Columba livia Rock Pigeon, Rock Dove, Domestic Pigeon [803]		Species or species habitat likely to occur within area
Lonchura punctulata Nutmeg Mannikin [399]		Species or species habitat likely to occur within area
Passer domesticus House Sparrow [405]		Species or species habitat likely to occur within area
Passer montanus Eurasian Tree Sparrow [406]		Species or species habitat likely to occur within area
Pycnonotus jocosus Red-whiskered Bulbul [631]		Species or species habitat likely to occur within area
Streptopelia chinensis Spotted Turtle-Dove [780]		Species or species habitat likely to occur within area
Sturnus vulgaris Common Starling [389]		Species or species habitat likely to occur within area
Turdus merula Common Blackbird, Eurasian Blackbird [596]		Species or species habitat likely to occur within area
Frogs		
Rhinella marina Cane Toad [83218]		Species or species habitat known to occur within area
Mammals		
Bos taurus Domestic Cattle [16]		Species or species habitat likely to occur within area
Canis lupus familiaris Domestic Dog [82654]		Species or species habitat likely to occur within area
Felis catus Cat, House Cat, Domestic Cat [19]		Species or species habitat likely to occur

Name	Status	Type of Presence within area
Feral deer Feral deer species in Australia [85733]		Species or species habitat likely to occur within area
Lepus capensis Brown Hare [127]		Species or species habitat likely to occur within area
Mus musculus House Mouse [120]		Species or species habitat likely to occur within area
Oryctolagus cuniculus Rabbit, European Rabbit [128]		Species or species habitat likely to occur within area
Rattus norvegicus Brown Rat, Norway Rat [83]		Species or species habitat likely to occur within area
Rattus rattus Black Rat, Ship Rat [84]		Species or species habitat likely to occur within area
Vulpes vulpes Red Fox, Fox [18]		Species or species habitat likely to occur within area
Plants		
Alternanthera philoxeroides Alligator Weed [11620]		Species or species habitat likely to occur within area
Anredera cordifolia Madeira Vine, Jalap, Lamb's-tail, Mignonette Vine, Anredera, Gulf Madeiravine, Heartleaf Madeiravine, Potato Vine [2643]		Species or species habitat likely to occur within area
Asparagus aethiopicus Asparagus Fern, Ground Asparagus, Basket Fern, Sprengi's Fern, Bushy Asparagus, Emerald Asparagus [62425]		Species or species habitat likely to occur within area
Asparagus asparagoides Bridal Creeper, Bridal Veil Creeper, Smilax, Florist's Smilax, Smilax Asparagus [22473]		Species or species habitat likely to occur within area
Asparagus plumosus Climbing Asparagus-fern [48993]		Species or species habitat likely to occur within area
Cabomba caroliniana Cabomba, Fanwort, Carolina Watershield, Fish Grass, Washington Grass, Watershield, Carolina Fanwort, Common Cabomba [5171]		Species or species habitat likely to occur within area
Chrysanthemoides monilifera Bitou Bush, Boneseed [18983]		Species or species habitat likely to occur within area
Chrysanthemoides monilifera subsp. rotundata Bitou Bush [16332]		Species or species habitat likely to occur within area
Cytisus scoparius Broom, English Broom, Scotch Broom, Common Broom, Scottish Broom, Spanish Broom [5934]		Species or species habitat likely to occur within area
Dolichandra unguis-cati Cat's Claw Vine, Yellow Trumpet Vine, Cat's Claw Creeper, Funnel Creeper [85119]		Species or species habitat likely to occur within area
Eichhornia crassipes Water Hyacinth, Water Orchid, Nile Lily [13466]		Species or species habitat likely to occur

Name	Status	Type of Presence
		within area
Genista monspessulana Montpellier Broom, Cape Broom, Canary Broom, Common Broom, French Broom, Soft Broom [20126]		Species or species habitat likely to occur within area
Genista sp. X Genista monspessulana Broom [67538]		Species or species habitat may occur within area
Lantana camara Lantana, Common Lantana, Kamara Lantana, Large-leaf Lantana, Pink Flowered Lantana, Red Flowered Lantana, Red-Flowered Sage, White Sage, Wild Sage [10892]		Species or species habitat likely to occur within area
Opuntia spp. Prickly Pears [82753]		Species or species habitat likely to occur within area
Pinus radiata Radiata Pine Monterey Pine, Insignis Pine, Wilding Pine [20780]		Species or species habitat may occur within area
Rubus fruticosus aggregate Blackberry, European Blackberry [68406]		Species or species habitat likely to occur within area
Sagittaria platyphylla Delta Arrowhead, Arrowhead, Slender Arrowhead [68483]		Species or species habitat likely to occur within area
Salix spp. except S.babylonica, S.x calodendron & S.x reichardtii Willows except Weeping Willow, Pussy Willow and Sterile Pussy Willow [68497]		Species or species habitat likely to occur within area
Salvinia molesta Salvinia, Giant Salvinia, Aquarium Watermoss, Kariba Weed [13665]		Species or species habitat likely to occur within area
Senecio madagascariensis Fireweed, Madagascar Ragwort, Madagascar Groundsel [2624]		Species or species habitat likely to occur within area
Solanum elaeagnifolium Silver Nightshade, Silver-leaved Nightshade, White Horse Nettle, Silver-leaf Nightshade, Tomato Weed, White Nightshade, Bull-nettle, Prairie-berry, Satansbos, Silver-leaf Bitter-apple, Silverleaf-nettle, Trompillo [12323]		Species or species habitat likely to occur within area

Nationally Important Wetlands [Resource Information]

Name	State
Hexham Swamp	NSW
Kooragang Nature Reserve	NSW
Shortland Wetlands Centre	NSW

Caveat

The information presented in this report has been provided by a range of data sources as acknowledged at the end of the report.

This report is designed to assist in identifying the locations of places which may be relevant in determining obligations under the Environment Protection and Biodiversity Conservation Act 1999. It holds mapped locations of World and National Heritage properties, Wetlands of International and National Importance, Commonwealth and State/Territory reserves, listed threatened, migratory and marine species and listed threatened ecological communities. Mapping of Commonwealth land is not complete at this stage. Maps have been collated from a range of sources at various resolutions.

Not all species listed under the EPBC Act have been mapped (see below) and therefore a report is a general guide only. Where available data supports mapping, the type of presence that can be determined from the data is indicated in general terms. People using this information in making a referral may need to consider the qualifications below and may need to seek and consider other information sources.

For threatened ecological communities where the distribution is well known, maps are derived from recovery plans, State vegetation maps, remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.

Threatened, migratory and marine species distributions have been derived through a variety of methods. Where distributions are well known and if time permits, maps are derived using either thematic spatial data (i.e. vegetation, soils, geology, elevation, aspect, terrain, etc) together with point locations and described habitat; or environmental modelling (MAXENT or BIOCLIM habitat modelling) using point locations and environmental data layers.

Where very little information is available for species or large number of maps are required in a short time-frame, maps are derived either from 0.04 or 0.02 decimal degree cells; by an automated process using polygon capture techniques (static two kilometre grid cells, alpha-hull and convex hull); or captured manually or by using topographic features (national park boundaries, islands, etc). In the early stages of the distribution mapping process (1999-early 2000s) distributions were defined by degree blocks, 100K or 250K map sheets to rapidly create distribution maps. More reliable distribution mapping methods are used to update these distributions as time permits.

Only selected species covered by the following provisions of the EPBC Act have been mapped:

- migratory and
- marine

The following species and ecological communities have not been mapped and do not appear in reports produced from this database:

- threatened species listed as extinct or considered as vagrants
- some species and ecological communities that have only recently been listed
- some terrestrial species that overfly the Commonwealth marine area
- migratory species that are very widespread, vagrant, or only occur in small numbers

The following groups have been mapped, but may not cover the complete distribution of the species:

- non-threatened seabirds which have only been mapped for recorded breeding sites
- seals which have only been mapped for breeding sites near the Australian continent

Such breeding sites may be important for the protection of the Commonwealth Marine environment.

Coordinates

-32.82401 151.71253

Acknowledgements

This database has been compiled from a range of data sources. The department acknowledges the following custodians who have contributed valuable data and advice:

-Office of Environment and Heritage, New South Wales
-Department of Environment and Primary Industries, Victoria
-Department of Primary Industries, Parks, Water and Environment, Tasmania
-Department of Environment, Water and Natural Resources, South Australia
-Department of Land and Resource Management, Northern Territory
-Department of Environmental and Heritage Protection, Queensland
-Department of Parks and Wildlife, Western Australia
-Environment and Planning Directorate, ACT
-Birdlife Australia
-Australian Bird and Bat Banding Scheme
-Australian National Wildlife Collection
-Natural history museums of Australia
-Museum Victoria
-Australian Museum
-South Australian Museum
-Queensland Museum
-Online Zoological Collections of Australian Museums
-Queensland Herbarium
-National Herbarium of NSW
-Royal Botanic Gardens and National Herbarium of Victoria
-Tasmanian Herbarium
-State Herbarium of South Australia
-Northern Territory Herbarium
-Western Australian Herbarium
-Australian National Herbarium, Canberra
-University of New England
-Ocean Biogeographic Information System
-Australian Government, Department of Defence
Forestry Corporation, NSW
-Geoscience Australia
-CSIRO
-Australian Tropical Herbarium, Cairns
-eBird Australia
-Australian Government – Australian Antarctic Data Centre
-Museum and Art Gallery of the Northern Territory
-Australian Government National Environmental Science Program
-Australian Institute of Marine Science
-Reef Life Survey Australia
-American Museum of Natural History
-Queen Victoria Museum and Art Gallery, Inveresk, Tasmania
-Tasmanian Museum and Art Gallery, Hobart, Tasmania
-Other groups and individuals

The Department is extremely grateful to the many organisations and individuals who provided expert advice and information on numerous draft distributions.

Please feel free to provide feedback via the Contact Us page.

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Appendix D

Air Quality Impact Assessment

Appendix D Air Quality Impact Assessment

AECOM Imagine it. Delivered.

Environmental Services
Regain Services Pty Ltd
28-Sep-2018

Air Quality Impact Assessment

Capacity Increase for a Spent Pot-Liner Facility at Tomago, NSW

Air Quality Impact Assessment

Capacity Increase for a Spent Pot-Liner Facility at Tomago, NSW

Client: Regain Services Pty Ltd

ABN: 80 099 714 824

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Quality Information

Document Air Quality Impact Assessment

Ref 60512726

Date 28-Sep-2018

Prepared by Colin Clarke

Reviewed by David Rollings

Revision History

Rev	Revision Date	Details	Authorised	
			Name/Position	Signature
A	22-Aug-18	Draft for Client Review	Gabriel Wardenburg Principal Environmental Scientist	
0	29-Aug-2018	Final	Gabriel Wardenburg Principal Environmental Scientist	
1	28-Sep-2018	Final	Gabriel Wardenburg Principal Environmental Scientist	

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1.0 Introduction

1.1 Project Overview

AECOM Australia Pty Ltd (AECOM) was commissioned by Regain Services Pty Ltd (Regain) to undertake an Air Quality Impact Assessment (AQIA) for the proposed capacity increase at their Tomago facility located within the Tomago Aluminium site.

The AQIA supports the Environmental Assessment prepared by AECOM as part of an application to modify Project Approval 06_0050 under the *Environmental Planning and Assessment Act 1979* (EP&A Act). The project includes consideration and assessment of the proposed increase in Spent Pot Lining (SPL) processing capacity from 20,000 tonnes to 60,000 tonnes per annum at the Regain Tomago SPL recycling facility (herein referred to as 'the Project'). The proposed modification includes:

- Retaining the existing 20,000 tpa plant and installation of the previously approved 40,000 tpa rotary drum kiln;
- Installation of the previously approved SPL Processing Shed 5 dust collector and associated emission point;
- Installation of the previously approved Drying plant dust collector and associated emission point;
- Installation of a new fine grinding plant and associated emission points; and
- Revising the previously approved site layout to accommodate the revised plant configuration.

1.2 Scope of Work

The assessment was undertaken in accordance with the NSW Environment Protection Authority (EPA) *Approved Methods for the Modelling and Assessment of Air Pollutants in NSW* (Approved Methods) (EPA, 2017). The assessment considered the following pertinent information:

- The Newcastle air shed background pollutant concentrations; and
- The proposed operational parameters and emissions for the Regain Tomago facility whilst operating at the proposed maximum pollutant concentration limits (based on those currently listed in Environment Protection Licence (EPL) No. 13269).

Predicted emission rates associated with increased processing capacity of 60,000 tpa at the Regain Tomago facility were estimated based on historical stack emissions testing parameters obtained from Regain facilities operated at Tomago, Kurri Kurri and Point Henry. Air emissions were modelled using the CALPUFF dispersion model in accordance with the Approved Methods (EPA, 2017).

1.3 Secretary's Environmental Assessment Requirements

In preparing this AQIA, consideration has been given to the NSW Department of Planning and Environment (DP&E) Secretary's Environmental Assessment Requirements (SEARs) issued for the proposed modification (06_0050 MOD 2) on 7 November 2017. Key matters raised by the Secretary, and where this report addresses them, are outlined in **Table 1**.

Table 1 Secretary's Environmental Assessment Requirements (as relevant to this AQIA)

Secretary's Environmental Assessment Requirements	Section Addressed
A quantitative assessment of the potential air quality, dust and odour impacts of the development in accordance with relevant Environment Protection Authority guidelines.	**Section 4.0** and **Section 7.0**
The details of buildings and air handling systems and strong justification for any material handling, processing or stockpiling external to a building.	**Section 2.0**
Justification for the substantial difference between the 2009 & 2017 air dispersion modelling results.	**Section 4.1** and **Section 7.2**
Details of proposed mitigation, management and monitoring measures.	**Section 9.0**
A greenhouse gas assessment.	**Section 10.0**

1.4 Structure of Report

This AQIA has been completed to provide the DP&E and EPA with sufficient data to support the Project and has been structured as indicated in **Table 2**.

Table 2 Structure of Report

Section	Brief
Section 1	Assessment overview.
Section 2	Provides a description of the Project and the potential air quality impact sources.
Section 3	Provides the regulatory context for which this project has been assessed against.
Section 4	Describes the existing environment including background air quality details, local meteorology, terrain and land use information.
Section 5	Provides a detailed description of the air quality assessment methodology.
Section 6	Provides a detailed description of the CALPUFF model inputs adopted for the assessment.
Section 7	Provides an assessment of the potential air quality impacts of the Project on the local air shed and provides assessment of relevant criteria against identified sensitive receptors.
Section 8	Describes the mitigation measures that are currently used at the facility which will also be implemented for new plant installed as part of the modification.
Section 9	Greenhouse gas assessment (Scope 1 & 2) and potential impacts as a result of the Project.
Section 10	Provides the study conclusions.

2.0 Project Description

It is understood from discussions between Regain and AECOM that Regain want to assess the ground level concentration impacts associated with increasing the production capacity of the Regain Tomago facility, located within the Tomago Aluminium site. Regain currently hold approval to process 20,000 tpa of Spent Pot Lining (SPL) from the Tomago Aluminium smelter and are seeking planning approval from DP&E to increase their processing capacity to 60,000 tpa.

2.1 Project Location

The SPL processing facility is located within the existing Tomago Aluminium smelter site – a 500 hectare site located on the NSW east coast around 13 km northwest of the central business district of Newcastle. The site is within the Port Stephens local government area (LGA), on Tomago Road, Tomago NSW. The local area is predominantly industrial, with the nearest residence approximately 1.3km west of the Tomago Aluminium boundary. The regional context of the Tomago Aluminium site (blue point) and the Regain facility (green point) is shown in **Figure 1**. The Regain facility layout within the Tomago Aluminium site, include the stack locations are presented in **Figure 2**.

2.2 Spent Potliner (SPL)

Tomago Aluminium has a number of potlines, each containing enough pots to meet current industry demands, used for the smelting of Aluminium. Potlining has a life cycle of six to seven years, over which time it becomes contaminated with materials such as alumina, aluminium, calcium, fluoride compounds and sodium. Cyanide compounds and aluminium carbide can also be created in the reducing atmosphere of the pots and infiltrate the potlining. The deteriorated potlining, known as spent potlining (SPL), is regularly replaced as part of the periodic individual rebuilding of the pots. Potlining is typically removed in two stages. First-cut SPL is the removed carbon cathode lining, whilst second-cut SPL is the removed refractory lining. SPL is removed from the pots at the smelter's Deline facility.

The composition of the SPL material is variable. Up to 10% of the SPL is typically aluminium and sodium nitrides and carbides, which are created through the diffusion of air into the carbon lining and chemical reactions occurring in the pot. When water is introduced, these materials can react to form ammonia, hydrogen, methane and acetylene. Fluoride compounds, which are potentially hazardous materials, can also be present in the SPL at concentrations of up to 10%. The majority of the SPL consists of non-activated carbon (10 – 70%), aluminium oxide (10 – 30%), and aluminium (10 – 30%).

The fluxing properties and calorific value of the SPL are inherently useful to the cement manufacturing sector. The reprocessing of the SPL, therefore, creates valuable products as well as reducing the waste disposal issues for the aluminium smelter.

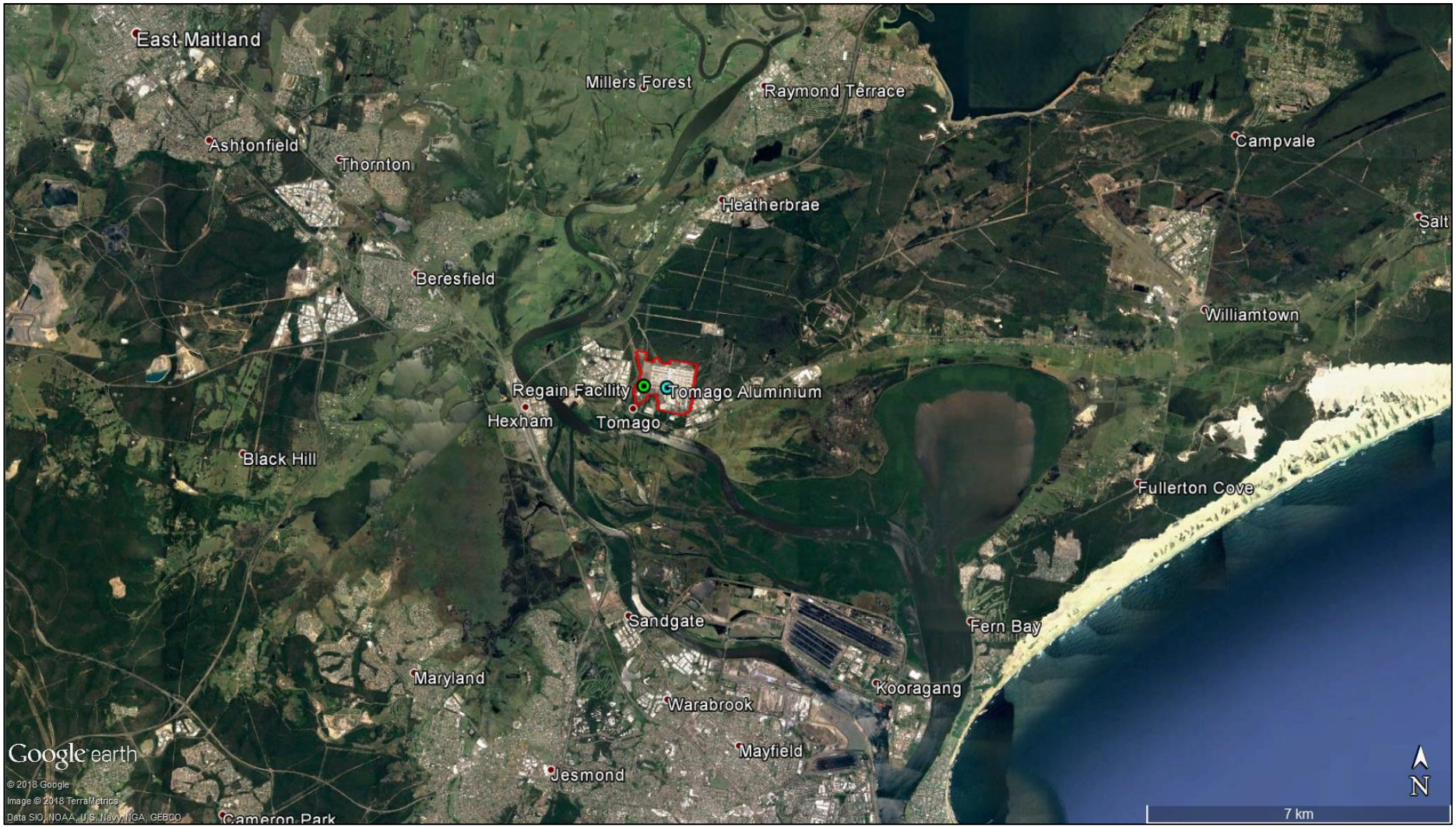

Figure 1 Regional Site Context

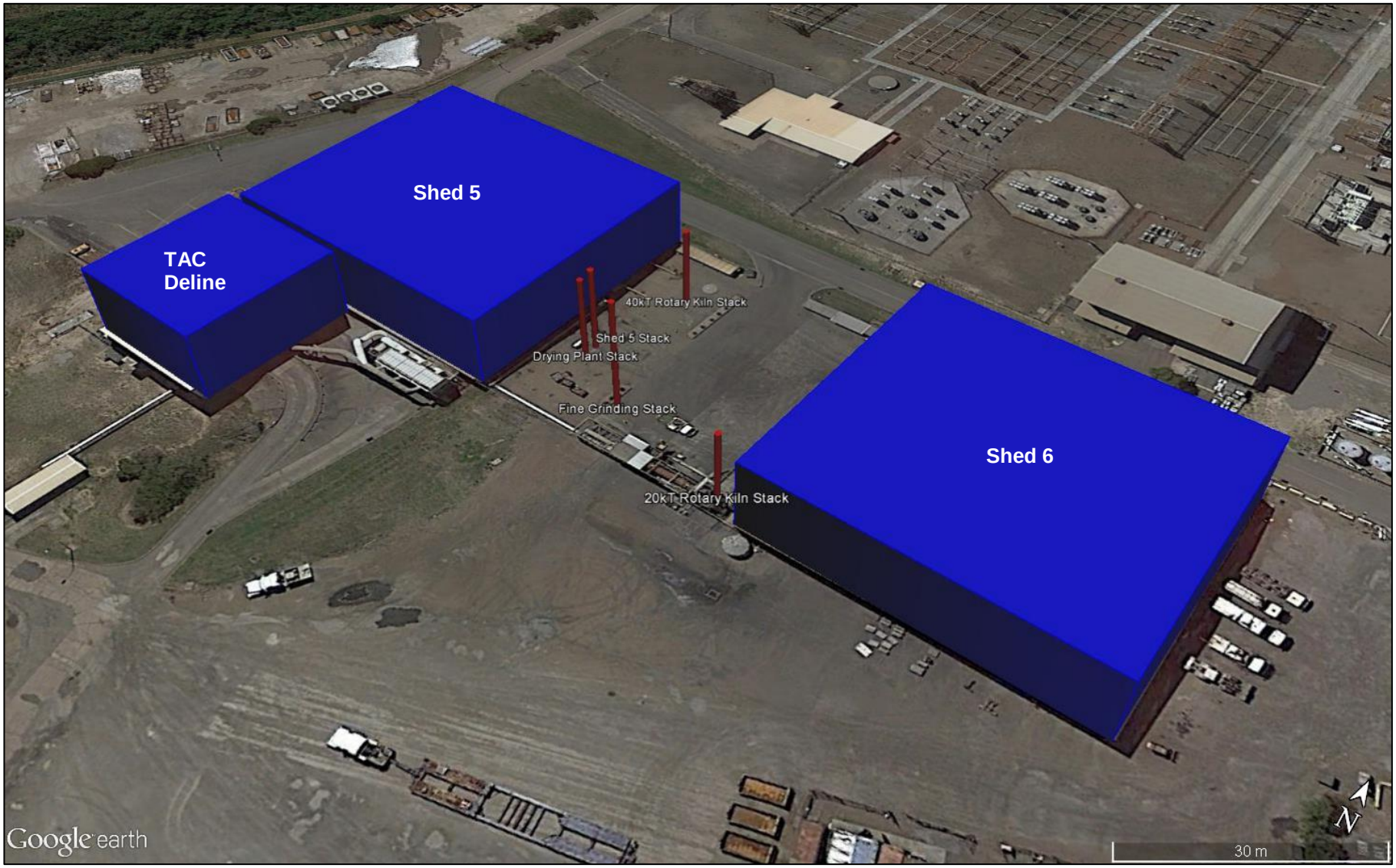

Figure 2 Regain Facility Layout (Including nearby Tomago Aluminium Deline Shed D

2.3 Approved Operations & Process Description

The current SPL processing plant and amenities are located in two adjacent existing buildings on the Tomago Aluminium site, known as SPL Sheds 5 and 6. SPL Shed 5 is adjacent to the Tomago Aluminium Deline facility, where the SPL is removed from the pots. Each building is 55 m long x 50 m wide (floor area of 2,750 m^2) with a height of 12m. The building sides (north and south) are fitted with louvre type ventilation panels. The steel retaining walls are sealed to the floor excluding the two doorways per building.

The current approval associated with the 2009 EA includes the plant items as follows:

- Materials preparation – including SPL crushing, sizing, grinding and storage facilities.
- SPL Thermal treatment – including a rotary kiln and water reaction mixer.
- Product plant – including blending, drying and final product crushing and storage facilities.

The existing plant constructed to date is in general accordance with the project description provided in the 2009 EA which stated that:

- The heat treatment plant (which would include a rotary kiln and water reaction mixer) and product plant (where grinding and blending, drying, final product crushing and storage would be undertaken) would be located between Shed 5 and Shed 6; and
- Plant associated with the existing 20,000 tpa plant, including conveyors, crushing, grinding and sizing equipment, raw material and product bins, etc., may be retained and utilised in the proposed project.

2.3.1 Discharge Points

The current Approval for the Regain facility has all externally-located plant enclosed, and all emissions from the project occur via three independent dust extraction and collection points:

- Thermal treatment plant dust collector stack.
- Drying and blending plant dust collector stack.
- SPL Shed 5 and Deline facility air filter (SPL preparation facilities) stack.

The SPL processing and product storage facilities are fully sealed, including covered conveyors and sealed atmospheric storage bins. Ductwork is installed throughout the process plant system and connected to dust generating areas such as mills, crushers, conveyors, storage bins and the kiln/dryer. The dust extraction systems will maintain a negative pressure within the process system and buildings, preventing the escape of fugitive dust.

Dust will be collected via the baghouse dust collectors, which will be fitted with alarm systems to immediately shut down plant operations in the event of baghouse failure. Visual and audible alarms will sound within the plant buildings, with the alarm displaying on the plant control system monitoring display. Collected particulate matter will be fed back through the production cycle.

The dust extraction systems will draw air from within each building at the roof ridgeline, and pass it through dust filter/baghouse facilities. The air discharge from each baghouse will be directed to atmosphere via stacks. The solid discharge from each baghouse will be collected and fed to the products blending hopper.

2.3.2 Control Measures

Regain has developed an extensive control system for their facilities to manage air emissions from their plant. Control measures are focused around the operation of suitable baghouse dust collectors and process operational controls e.g. control of process materials, housekeeping etc.

The approved SPL processing facility is operated and maintained to ensure the following:

- Mitigation of fugitive emissions by maintaining the processing plant and buildings under negative pressure.
- Destruction of cyanide and hazardous gases by control of the processing stages.

- Minimal formation of incomplete combustion products and liberation of gaseous fluoride by control of the thermal treatment process (i.e. maintaining the temperature below 850^{o}C).
- Minimal emissions of particulate matter and particulate-bound contaminants such as fluoride by the appropriate operation of baghouse dust collectors.
- Minimal dust generation from concrete apron areas by the application of appropriate housekeeping practices.

2.4 Proposed Site Modifications & Operations

The project is to modify the existing SPL processing facility on site at the Tomago Aluminium smelter which reduces the hazardous nature of a waste material through thermal treatment thereby recycling a waste material into a useable end-product.

The project (as modified) would generally comprise:

- Materials preparation: This would involve SPL crushing and sizing, and would be located in Shed 5. Quantities of SPL would continue to be stockpiled in Shed 5. No modification to existing material preparation processes is proposed as a result of this modification;
- Thermal treatment: This would involve a heat treatment process which would destroy the cyanide and neutralise the flammable gas hazard associated with SPL while retaining valuable materials such as carbon, fluorides, and other inorganic compounds. Thermal treatment would occur between Shed 5 and Shed 6;
- Product preparation: The product plant would involve drying and grinding treated SPL to suit product specification. Product plant elements would be located between the two existing buildings;
- Storage of materials: Quantities of SPL would continue to be stored in Shed 5. Treated product would be stored in Shed 6; and
- Daily truck movement to and from site for unloading SPL material for treatment and loading for delivery and distribution of treated products via road trucks.

To reach the target capacity of 60,000tpa and other product specifications, it is proposed to operate an optimised configuration utilising the thermal treatment process elements of both the originally proposed project and an additional thermal treatment plant and fine grinding mill. An overview of the revised project configuration which pertains to this air quality impact assessment is provided in **Table 3**.

Table 3 Overview of Revised Project Configuration

Project Configuration (2009 EA)	Revised Project Configuration
Stack 1 - Thermal treatment plant dust collector (EPL Point 1)	Stack 1 – Thermal treatment plant dust collector (EPL Point 1)
	Stack 2 - Additional thermal treatment plant dust collector (New EPL Point)
Stack 2 Drying and blending plant dust collector (EPL Point 2)	Stack 3 – Drying plant (EPL Point 2)
	Stack 4 – Fine Grinding Stack (New EPL Point)
Stack 3 - Shed 5 and Deline facility air filter (EPL Point 3)	Stack 5 - Shed 5 and Deline facility air filter (EPL Point 3)

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3.0 Regulatory Context and Criteria

In assessing any project with potential emissions to air, it is necessary to compare the impacts of the project with relevant air quality goals. Air quality standards or goals are used to assess the potential for ambient air quality to give rise to adverse health or nuisance effects. The following sections detail relevant legislation and guidelines.

3.1 Air Quality Legislative Framework

In *NSW the Protection of the Environment Operations Act 1997 (NSW) (POEO Act)* provides the statutory framework for managing air emissions. Under the *POEO* Act the *Protection of the Environment Operations (Clean Air) Regulation 2010 (NSW)* (Clean Air Regulation) provides regulatory measures to control air emissions.

Part 5 of the Clean Air Regulation refers to the *Approved Methods for the Modelling and Assessment of Air Pollutants in NSW* (EPA 2017) (Approved Methods), that lists the statutory methods for the modelling and assessment of air emissions from stationary sources in NSW.

3.2 NSW EPA Approved Methods

The *Approved Methods* provide the assessment criteria against which emissions from a site or activity are to be assessed. The primary air pollutants of concern for assessment of the Project are presented in **Table 4**.

For the purposes of this AQIA and in accordance with *Section 2.1* of the *Approved Methods* a Level 2 Impact Assessment was undertaken using site specific input data. *Section 7.1.*2 and Section *7.2.2* of the *Approved Methods* requires the impact assessment criteria to be applied as follows:

Section 7.1.2 – SO_2, NO_2, O_3, Pb, $PM_{2.5}$, PM_{10}, TSP, deposited dust, CO and HF

1. At the nearest existing or likely future off-site sensitive receptor
2. The incremental impact for each pollutant must be reported in concentration units consistent with the criteria
3. Background concentrations must be included using the procedures specified in *Section 5,* which assessment includes:
    - Obtaining ambient monitoring data that includes at least one year of continuous measurements;
    - Determine the maximum background concentration of the pollutant being assessed for each relevant averaging period; and
    - At the maximum exposed off-site receptor, add the maximum background concentration and the 100th percentile dispersion model prediction
4. Total impact must be reported as the 100th percentile in concentration or deposition units consistent with the impact assessment criteria and compared with the relevant impact assessment criteria.

Section 7.2.2 – Individual Toxic Air Pollutants

1. At or beyond the boundary of the facility; and
2. The incremental impact for each pollutant must be reported in concentration units consistent with the criteria, for an averaging period of 1 hour and as the:
    a. 99.9th percentile of dispersion model predictions for Level 2 impact assessments.

These criteria are intended to minimise the adverse effects of airborne pollutants on sensitive receivers. In general, these criteria relate to the total burden of air pollutants at ground level and not just from project specific sources. Where background data was available, the ground level concentrations from the project have been assessed cumulatively with the background data against the NSW EPA criteria.

Table 4 NSW EPA Assessment Criteria

Pollutant	Assessment Criterion ($\mu g/m^3$)	Averaging Period	Percentile	Reportable Location
Sulfur Dioxide (SO_2)	570	1 hour	100th	At the nearest sensitive receptor
	228	24 hours	100th	At the nearest sensitive receptor
	60	Annual	100th	At the nearest sensitive receptor
Nitrogen Dioxide (NO_2)	246	1 hour	100th	At the nearest sensitive receptor
	62	Annual	100th	At the nearest sensitive receptor
Carbon Monoxide (CO)	30,000	1 hour	100th	At the nearest sensitive receptor
	10,000	8 hour	100th	At the nearest sensitive receptor
PM_{10}	50	24 hour	100th	At the nearest sensitive receptor
	25	Annual	100th	At the nearest sensitive receptor
Lead	0.5	Annual	100th	At the nearest sensitive receptor
Total Suspended Particulates	90	Annual	100th	At the nearest sensitive receptor
Hydrogen Fluoride (general land use)[1]	2.9	24 hours	100th	At the nearest sensitive receptor
	1.7	7 days	100th	At the nearest sensitive receptor
	0.84	30 days	100th	At the nearest sensitive receptor
	0.5	90 days	100th	At the nearest sensitive receptor
Cyanide	200	1 hour	99.9th	At and beyond the boundary
Dioxins & Furans	$2x10^{-6}$	1 hour	99.9th	At and beyond the boundary
PAH's as benzo(a)pyrene	0.4	1 hour	99.9th	At and beyond the boundary
Antimony	9	1 hour	99.9th	At and beyond the boundary
Arsenic	0.09	1 hour	99.9th	At and beyond the boundary
Cadmium	0.018	1 hour	99.9th	At and beyond the boundary
Chromium	0.09	1 hour	99.9th	At and beyond the boundary
Manganese	18	1 hour	99.9th	At and beyond the boundary
Mercury	1.8	1 hour	99.9th	At and beyond the boundary
Nickel	0.18	1 hour	99.9th	At and beyond the boundary
Acetone	22,000	1 hour	99.9th	At and beyond the boundary
Benzene	29	1 hour	99.9th	At and beyond the boundary
Toluene	360	1 hour	99.9th	At and beyond the boundary

[1] ANZECC (1990) goals for ambient air fluoride are designed to protect against injury to plants and grazing animals rather than to protect human health.

3.2.1 ANZECC (1990) Ambient Fluoride Assessment Criteria

The applicability of the ambient fluoride ground level concentration criteria for this assessment needs to be considered in regards to the land use surrounding the project being assessed. The Australian and New Zealand Environment Council (ANZECC) *National Goals for Fluoride in Ambient Air and Forage (1990)* states that '*unlike most ambient objectives, guidelines or standards for common air pollutants, goals for ambient air fluoride are designed to protect against injury to plants and grazing animals, rather than to protect human health. This is because fluoride can injure vegetation at one thousandth the level of concern to human health*'.

Additionally, ANZECC further advise that '*the ambient air goals for fluoride are intended for areas of commercial or conservation value and not intended for comparison with airborne or foliar fluoride levels within industrial areas or buffer zones associated with fluoride emitting industries'*

In the context of this assessment, **Figure 3** highlights the local area surrounding the aluminium smelter, including the approved buffer zone highlighted in green, the Tomago Aluminium site boundary marked in red, and the locations of the sensitive receptors included in this assessment.

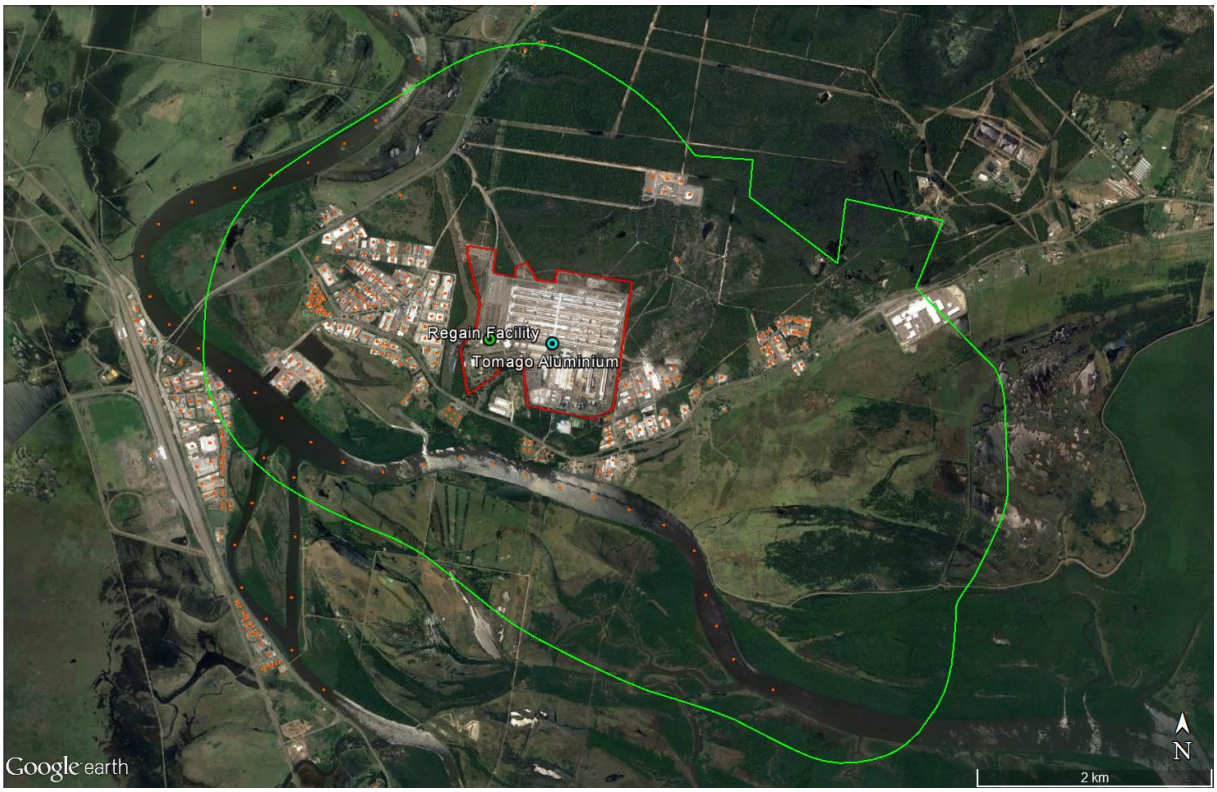

Figure 3 Tomago Aluminium Buffer Zone (Green), Site Boundary (Red) & Modelled Sensitive Receptor Locations (Orange)

The sensitive receptors identified within approximately 2km of the aluminium smelter are all within the approved buffer zone, where high background ambient fluoride levels are expected as a result of existing approved operation of the smelter. The high density of sensitive receptor locations immediately to the west, and east of the aluminium smelter are all zoned for industrial/commercial use, and do not have vegetation or grazing animals at those locations.

In accordance with the ANZECC (1990) guidance, the intent of the fluoride ambient air criteria suggests it may not be suitable to be applied at the industrial sensitive receptor locations, or those which fall within the approved buffer zone.

For the purpose of this assessment however, comparison with the ambient fluoride criteria was completed to provide an indication of the potential Regain contribution to cumulative ambient fluoride concentrations at those locations.

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4.0 Existing Environmental & Meteorological Conditions

The major factors of the existing environment that can influence the level of air pollutants adjacent to a particular site include:

- Existing air quality due to regional and local sources of air pollution (natural and anthropogenic);
- Meteorological conditions; and
- Surrounding terrain/land use.

The following section describes the existing air quality, general meteorology and terrain of the study area.

4.1 Existing Air Quality

The EPA monitors air quality each year and assesses it against the impact assessment criteria outlined in the *Approved Methods*. The air quality objectives which are linked to the impact assessment criteria are set at levels that are designed to protect beneficial uses, including human health and wellbeing, visibility, aesthetic enjoyment and local amenity. The goals in the *Approved Methods* specify the maximum permissible number of exceedances of the objectives per year and guide the formulation of strategies for the management of human activities that may affect the environment.

The ambient data collected by the EPA captures pollutants from both man-made (industry, motor vehicles, domestic sources such as fires, construction) and natural (bushfires, dust storms, pollen, marine particles) sources. A variety of pollutants are present in air monitoring data from each source; the contribution of each source varies depending on the monitor's location, sources of pollution in the surrounding environment and meteorological conditions.

The primary pollutants of interest in the Newcastle airshed are particulate matter and photochemical smog/ozone and its precursors (oxides of nitrogen)[1]. Significant industrial pollutant sources are located in the surrounding area, including the Tomago Aluminium site and a number of other smaller industrial sites.

4.1.1 Air Toxics

Although no recent measured background concentrations are available for air toxics in the Newcastle airshed, between 1996 and 2001 the EPA conducted an Ambient Air Quality Research Project (EPA 2002 and DEC 2004) to study the presence of air toxics in Sydney, Newcastle and Wollongong, including the monitoring of 41 organic compounds. In summary the results of the study concluded that ground level air quality concentrations of most air toxics in NSW were well below current international standards and benchmarks. As such, existing background concentrations were assumed to be negligible, and not included in this study.

4.1.2 Particulate Matter & Combustion Gases

The EPA currently operates a continuous monitoring station at Beresfield, approximately 5km from the Regain Tomago site, to help characterise the air quality in the region. The pollutants which are monitored at the Beresfield site and relevant to this assessment are oxides of nitrogen (NOx), ozone, fine particulate matter (PM_{10}) and sulphur dioxide (SO_2). The 2015 monitoring data from the Beresfield NSW EPA monitoring station (the closest station to the site) is summarised in **Table 5**.

Carbon Monoxide (CO) background data is not measured at the Beresfield monitoring station, however a background result was sourced from the NSW Annual Compliance Report (2015)[2] for the max 8-hour rolling average, which has also been included in **Table 5**.

The data from the OEH Beresfield monitoring station for the 2015 calendar year shows that the background levels of the measured pollutants are compliance with the NSW EPA ambient air quality criteria, with exception to the maximum 24-hr average PM_{10} concentration.

[1] Newcastle City Council. (2009). 2008/09 State of the Environment Report – The City of Newcastle.

[2] Office of Environment & Heritage (2015), *NSW Annual Compliance Report – NEPM Ambient Air Quality, May 2017*

Table 5 NSW EPA Beresfield Monitoring Station Data Summary 2015

Parameter	NO_2 1hr Average		SO_2 1hr Average		CO 1hr Average		PM_{10} 24hr Average
	pphm	$\mu g/m^3$*	pphm	$\mu g/m^3$*	ppm	mg/m^3 *	$\mu g/m^3$
Maximum	4.9	92.1	8.2	214.8	N/A	N/A	-
Average	0.9	16.9	0.1	2.7	N/A	N/A	-
NSW EPA 1 hr Average Criterion	*12*	*246*	*20*	*570*	*25*	*30*	*-*
Max 8 hr Average	-	-	-	-	1.5#	-	-
NSW EPA 8 hr Average Criterion	*-*	*-*	*-*	*-*	*9*	*10*	*-*
Max 24 hr Average	-	-	0.8	22.2	-	-	**64.9**[1]
NSW EPA 24 hr Average Criterion	*-*	*-*	*8*	*228*	*-*	*-*	*50*
Max Annual Average	0.9	16.9	0.1	2.7	-	-	18.7
NSW EPA Annual Average Criterion	*3*	*62*	*2*	*60*	*-*	*-*	*30*

* converted at 0'C as per NSW EPA criteria correction
[1] There are two exceedances of the ambient background concentration for Max 24hr PM_{10} results
N/A = Result not available from Beresfield Monitoring Station
Result taken from the latest (2015) NSW Air NEPM Compliance Report, and is a max 8-hour rolling average from the Newcastle EPA Monitoring site

At the NSW EPA Beresfield monitoring station in 2015, there were two days where the ambient air background concentration exceeded the maximum 24-hr average PM_{10} criteria of 50$\mu g/m^3$. According to the NSW Annual Compliance Report (2015) the two days which resulted in exceedances of the criteria were the result of 'exceptional events', and presented in **Table 6**, along with the highest 24-hr PM_{10} result, which was compliant.

Table 6 Summary of Background 24-hr Average PM10 Results – NSW EPA Beresfield Station

Date	Concentration ($\mu g/m^3$)	Notes
06/05/2015	64.9	Result of a state-wide dust storm that travelled throughout NSW during 5 & 6 May 2015
26/11/2015	57.4	Due to bushfires in the Hunter Valley region on 26 November 2015
19/11/2015	43.3	Highest concentration reported at Beresfield monitoring station that is compliant with criteria

4.1.3 Fluoride – Tomago Aluminium

The continuous monitoring station operated by the NSW EPA at their Beresfield location does not monitor for ambient fluoride. As the Regain Tomago facility is located within the Tomago Aluminium site, Regain provided AECOM with the 2015 ambient fluoride data for the monitoring sites operated by Tomago Aluminium. The location of each of the ambient fluoride monitors operated by Tomago Aluminium in relation to the site and the Regain facility is provided in **Figure 4**.

The closest ambient fluoride monitoring site relative to the Regain facility is EPL Point 21. This monitoring site is located on Old Punt Road, Tomago approximately 850m west of the Regain facility. Given the close proximity of this monitoring site in relation to the Regain facility, and its location amongst the nearest sensitive receptors in the industrial park, the ambient background concentrations for fluoride from this monitoring site were adopted for the assessment.

Two of the other Tomago monitoring locations (EPL Points 22 & 24) recorded elevated 7-day average background fluoride concentrations, with a maximum of 1.78µg/m^3 and 5.80µg/m^3, which are both above the NSW EPA ambient criteria for fluoride. These two monitoring sites are located within the Tomago Aluminium buffer zone, but over 2km from the Regain facility, so are not considered representative of the background concentrations at the nearest sensitive receptors located within 400m of the EPL Point 21 ambient fluoride monitoring station.

The monitoring results provided by Regain were reported as a 7-day average, with the 30-day and 90-day averages calculated from those concentrations. A summary of the ambient fluoride monitoring results and associated calculated values for EPL Point 21 are provided in **Table 7**. The 7-day ambient fluoride concentrations for the entire 2015 calendar year are presented in **Appendix C**.

Table 7 Tomago Aluminium EPL Point 21 – Ambient Fluoride Results Summary

Parameter	Units	Averaging Period		
		7-day	30-day	90-day
Maximum Ground Level Concentration (GLC)	µg/m^3	1.18	0.81	**0.60**
No. of Exceedances	Integer	0	0	2
Maximum Non-Exceedance GLC	µg/m^3	1.18	0.81	0.20
Criteria	**µg/m^3**	**1.7**	**0.84**	**0.5**

It should be noted that the background ambient fluoride concentrations are elevated, with the calculated 90-day average for fluoride showing 2 exceedances of the NSW EPA criteria. The elevated background concentrations for fluoride are expected as a result of the Tomago Aluminium smelter operations, and they also fall within the approved buffer zone surrounding the Tomago Aluminium site.

For the purposes of this cumulative assessment, the calculated 90-day maximum ground level concentration for fluoride which does not exceed the criteria was adopted for this averaging period, to assess whether the Project impacts may result in additional exceedances of the ground level concentration criteria.

4.1.4 Sulfur Dioxide – Tomago Aluminium

As well as monitoring for ambient Hydrogen Fluoride, Tomago Aluminium also operates a number of Sulfur Dioxide ambient monitoring locations, which have also been considered in this assessment. As the Regain Tomago facility is located within the Tomago Aluminium site, the 2015 ambient sulfur dioxide data recorded at monitoring sites operated by Tomago Aluminium were reviewed to establish existing background concentrations. The location of each of the TAC ambient sulfur dioxide monitors in relation to the site and the Regain facility is provided in **Figure 4**.

The closest ambient sulfur dioxide monitoring site relative to the Regain facility is EPL Point 36. This monitoring site is located on Laverick Avenue, Tomago approximately 800m south west of the Regain facility. Given the close proximity of this monitoring site in relation to the Regain facility, and its location close to the nearest impacted sensitive receptors in the industrial park, the ambient background concentrations for sulfur dioxide from this monitoring site were adopted for the assessment.

Tomago Aluminium operate a number of the other SO_2 monitoring stations, located within the buffer zone but these are situated 1.5-2km from the Regain facility. Given the distance of these other monitoring locations from the Regain facility, they were not considered representative of the background concentrations at the nearest sensitive receptors to the project.

The 2015 monitoring results provided by Regain for the Tomago Aluminium EPL Point 36 SO_2 monitoring location are presented in **Table 8**.

Table 8 Tomago Aluminium Ambient Sulfur Dioxide Results Summary – 2015 (EPL Point 36)

Parameter	Units	Averaging Period		
		1-hour	24-hour	Annual
Maximum GLC	µg/m^3	212.2	73.4	9.8
Criteria	**µg/m^3**	**570**	**228**	**60**

It should be noted that the background ambient sulfur dioxide concentrations for all of the monitoring locations are reasonably elevated. The elevated background concentrations for sulfur dioxide are expected as a result of the Tomago Aluminium smelter operations, and they also fall within the approved buffer zone surrounding the Tomago Aluminium site.

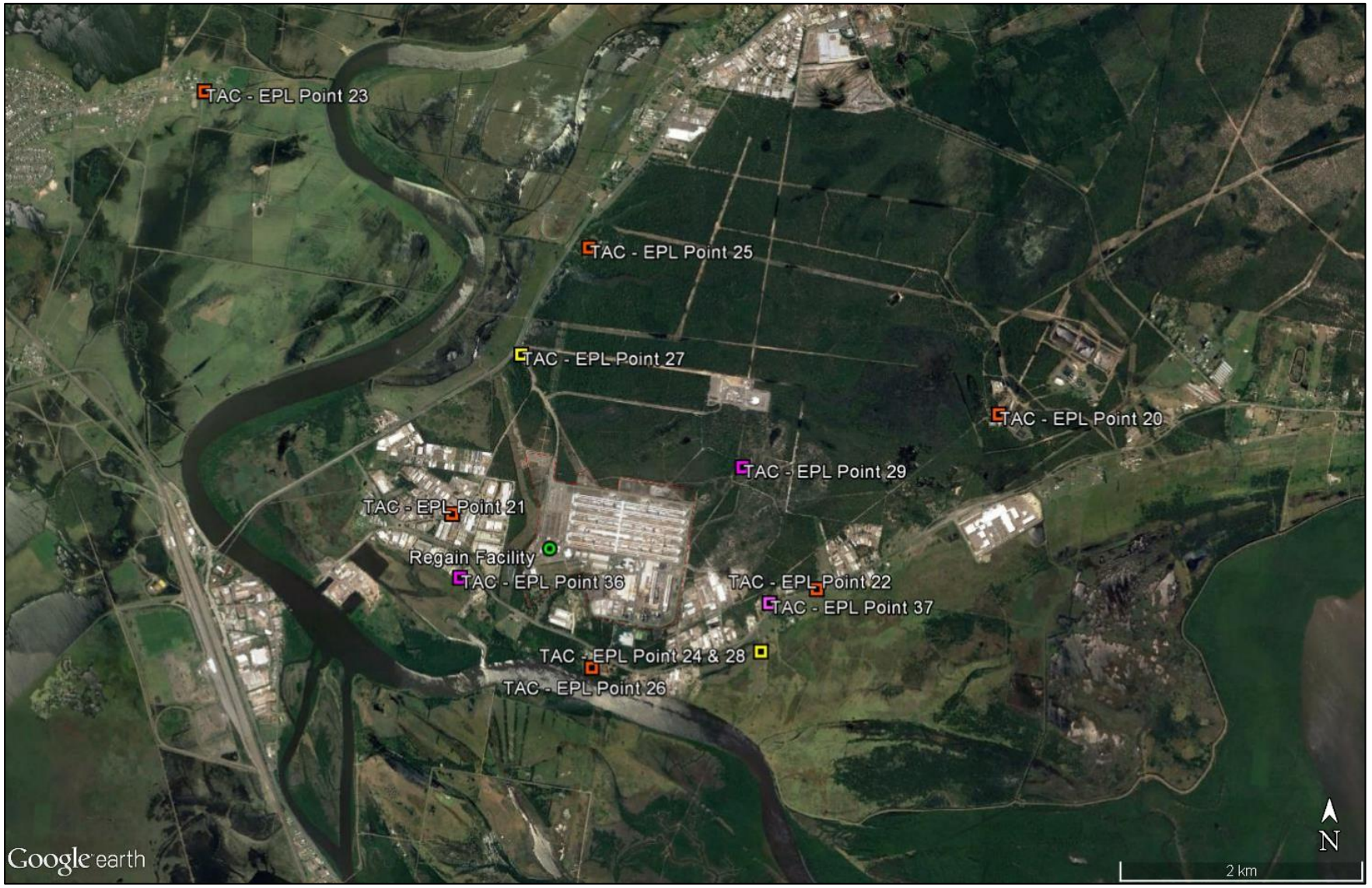

Figure 4 Tomago Aluminium Ambient Fluoride & Sulfur Dioxide Monitoring Locations (Orange = Fluoride Only, Purple = SO_2 Only, Yellow = Fluoride + SO_2)

4.1.5 Adopted Background Data

For the purposes of this assessment, at all sensitive receptor locations, the 100th percentile background pollutant concentrations (where available) for the 2015 calendar year were adopted. For most pollutants this resulted in background values below the assessment criteria.

Hydrogen Fluoride and PM_{10} concentrations were elevated above their respective criteria for the maximum background concentration. The typical approach to addressing a situation where a pollutant's background concentration exceeds the ambient criteria is to adopt the highest background concentration which is compliant with the criteria, to assess if the incremental impacts from the project cause any additional exceedances.

The project specific background concentrations adopted for this assessment are presented in **Table 9**.

Table 9 Project Specific Background Values

Pollutant	Averaging Period	Adopted Concentration (µg/m^3)	% of Criteria	Assessment Criteria (µg/m^3)
Sulfur Dioxide (SO_2)	1 hour	214.8	38	570
	24 hours	73.4	32	228
	Annual	9.8	16	60
Nitrogen Dioxide (NO_2)	1 hour	92.1	37	246
	Annual	16.9	27	62
Carbon Monoxide (CO)	1 hour	N/A	N/A	30,000
	8 hour	1.5	0.02	10,000
PM_{10}	24 hour	43.3	87	50
	Annual	18.7	75	25
Lead	Annual	N/A	N/A	0.5
Total Suspended Particulates	Annual	N/A	N/A	90
Hydrogen Fluoride (general land use)	90 days	0.20	40	0.5
	30 days	0.81	96	0.84
	7 days	1.18	69	1.7
	24 hours	N/A	N/A	2.9
Cyanide	1 hour	N/A	N/A	200
Dioxins & Furans	1 hour	N/A	N/A	$2x10^{-6}$
PAH's as benzo(a)pyrene	1 hour	N/A	N/A	0.4
Antimony	1 hour	N/A	N/A	9
Arsenic	1 hour	N/A	N/A	0.09
Cadmium	1 hour	N/A	N/A	0.018
Chromium	1 hour	N/A	N/A	0.09
Manganese	1 hour	N/A	N/A	18
Mercury	1 hour	N/A	N/A	1.8
Nickel	1 hour	N/A	N/A	0.18
Acetone	1 hour	N/A	N/A	22,000

Pollutant	Averaging Period	Adopted Concentration (μg/m^3)	% of Criteria	Assessment Criteria (μg/m^3)
Benzene	1 hour	N/A	N/A	29
Toluene	1 hour	N/A	N/A	360

4.2 Local Meteorological & Climatic Conditions

The Bureau of Meteorology (BoM) records long-term meteorological data at a number of automatic weather stations across the country. The BoM operate a meteorological weather station at Williamtown (Station number 061078) located approximately 12km east northeast of the site, and records temperature, rainfall, wind speed and wind direction. The station has been operational since 1942 with long term meteorological and climatic data for the Williamtown Airport BoM monitoring station provided in **Appendix A**.

The study area experiences a warm to moderate climate. The warmest temperatures occur during the summer months, with the highest average maximum temperature (28.1^{o}C) occurring in January. July is the coldest month, with a recorded average minimum temperature of 6.4^{o}C.

The annual average rainfall for the area is 1127 millimetres (mm) over 85 days a year. June is the wettest month, with an average rainfall of 121 mm, while August is driest month with an average rainfall of just 60.5mm. Humidity follows a diurnal cycle, with higher humidity in the morning compared to the afternoon.

Daytime wind speeds were found to be moderate, with higher wind speeds occurring in the afternoon compared to the morning. The annual average 9am wind speed recorded is 13.7 kilometres per hour (km/h) and the annual average 3pm wind speed was 20.2 km/h. Seasonally, wind speeds are higher during the warmer months with the highest average wind speed occurring in December at 23.5 km/h. The long-term wind roses show that on an annual basis the dominant wind direction is from the northwest quadrant during the mornings and from the southeast quadrant during the afternoons.

4.3 Terrain & Land Use

The Regain facility is situated with the Tomago Aluminium site, and lies approximately 9m above mean sea level (MSL). The terrain in the immediate area surrounding the facility is relatively flat. In the wider context the study area lies approximately 12km to the west of the Eastern Australian coastline and terrain height within the study area range from between 0 and 96 metres with higher elevations to the west and southwest. To the west and south of the site the Hunter River runs west to east, meeting Newcastle Harbour on the Stockton side 6.5km to the southeast of the site.

The surrounding land use is largely comprised of medium to large scale industrial premises. The area beyond the industrial premises is largely bound by native vegetation on all sides, with the Hunter River approximately 1km to the south. The closest urban residential receptors are approximately 1.4km from the Facility.

Land use categories used in the CALMET meteorological model we assigned using satellite imagery in accordance with the U.S. Geological Survey Land Use and Land Classification System.

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5.0 Assessment Methodology

The following section provides a summary of the methodology adopted for the Regain Tomago assessment.

5.1 Air Dispersion Model

Various air dispersion models are required for the successful modelling of air quality impacts from the Site. These are: The Air Pollution Model (TAPM), which is used to generate prognostic meteorological data; CALTAPM, which is used to process the TAPM output into a format suitable for input into the CALMET model; CALMET, which generates three-dimensional wind fields used in the dispersion modelling; CALPUFF, which predicts the movement and concentration of pollutants; and CALPOST, which is used to process the CALPUFF output files. The programs are briefly described in the following sections.

The flow diagram in **Figure 5** shows the general flow of programs and data required for the dispersion model.

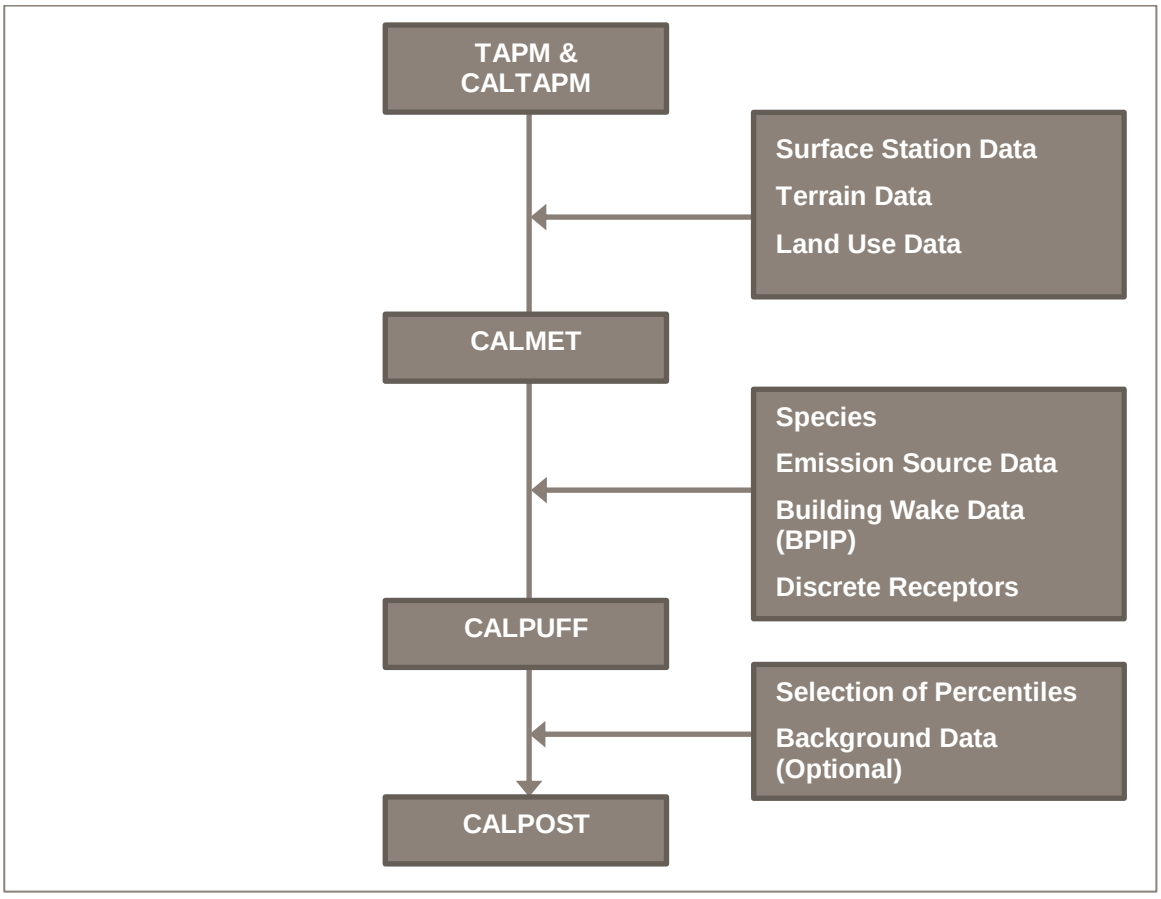

Figure 5 Site Model Program and Input Flow Chart

The selection of the dispersion modelling for this assessment was undertaken in accordance with the guidelines published by the NSW EPA[3]. Details of the modelling inputs and assumptions are provided in the following sections.

[3] DEC (2005). Approved Methods for the Modelling and Assessment of Air Pollutants in NSW.

5.2 TAPM

TAPM predicts three-dimensional meteorology, including terrain-induced circulations. TAPM is a PC-based interface that is connected to databases of terrain, vegetation and soil type, leaf area index, sea-surface temperature, and synoptic-scale meteorological analyses for various regions around the world. TAPM is used to predict meteorological parameters at both ground level and at heights of up to 8,000 m above the surface; these data are required by the CALPUFF model. The TAPM output file requires processing through a program such as CALTAPM to generate a file that is used within CALMET to generate the three-dimensional wind fields required by the CALPUFF dispersion model.

The NSW EPA has released guidance documentation (Barclay and Scire, 2011) on the optimum settings for the use of the CALPUFF modelling system. One modelling approach provided in the document is the use of a 'Hybrid Mode' whereby numerical prognostic three-dimensional meteorological model data, in a 3D.DAT file, along with surface observation data gained from a representative nearby surface monitoring station, are combined. The CALTAPM program converts the TAPM data into a 3D.DAT file, which can be input directly into the CALMET meteorological processer.

The settings used for the TAPM program are provided in **Table 10**.

Table 10 TAPM Settings

Parameter	Setting
TAPM Version	4.0.5
Grid centre coordinates	-32 deg 53 min E
	151 deg 48 min S
Date parameters	20150101 to 20151231
Number of grid points	nx = 40
	ny = 40
Outer grid spacing	dx1 = 30000 m
	dy1 = 30000 m
Number of grid domains	4
Grid spacing for CALTAPM	Inner most grid (t010a)
Number of vertical grid levels	nz = 25
Observation file	Not used

The modelling domain generated in the TAPM model provides prognostic data across 4 nested grids. The first outer grid covers an area of 1,440,000km^2 at 30km resolution. The nested grids step down progressively in dimensions, to the final innermost grid, which covers an area of 81km^2 at a resolution of 300m. In the vertical direction there are 25 levels (40 layers) from the surface to 100 hPa. The lowest layer is approximately 10m above the ground.

5.3 CALPUFF Modelling Package

CALPUFF is the NSW EPA model of choice for areas that are affected by coastal breezes, coastal fumigation or complex terrain. The Site is located in a coastal area and, hence, the CALPUFF model was chosen for use in the AQIA.

The CALPUFF modelling system consists of three main components and a set of pre-processing and post-processing programs. The main components of the modelling system are CALMET (a diagnostic three-dimensional meteorological model), CALPUFF (an air quality dispersion model), and CALPOST (a post-processing package). The three main CALPUFF software package programs are described in the following sections.

5.3.1.1 CALMET

CALMET is a meteorological model that develops hourly wind and temperature fields on a three-dimensional gridded modelling domain. Associated two-dimensional fields such as mixing height, surface characteristics and dispersion properties are also included in the file produced by CALMET. CALMET produces a meteorological file that is used within the CALPUFF model to predict the movement of pollution.

The settings in **Table 11** were specifically selected in order to run CALMET in the 'obs' mode discussed in Barclay and Scire (2011). Only those parameters that deviate from the program default values or are significant to the AQIA are provided.

Table 11 CALMET Settings

Parameter	Setting
CALMET version	6.5.0
Grid Spacing	0.200 km
Grid Size	30km x 30km
# Cells NX	150
# Cells NY	150
Source of Land Use Data	Site-specific creation based on USGS data system
Geo Processer Used	Used external data in the Geophysical Processer program
Surface Stations	• Williamtown Airport BoM • Beresfield OEH • Mayfield OEH • Carrington OEH • - Stockton OEH
Upper Air	TAPM Derived Upper Air Stations • TAPM_11111 • TAPM_22222 • TAPM_33333 • TAPM_44444 • TAPM_55555
Convective mixing height method	Maul-Carson for land and water
Overwater surface flux method	COARSE with no wave parameterisation
Use 3D temperature from	Station observations (surface & upper air)
Surface temperature	Compute internally from 2-D spatially varying
Wind field guess	Compute externally
Cloud cover data options	Generate from upper air stations (unless cloud.dat available)
Seven Critical Parameters	
TERRAD	4 km
RMAX1	5 km
RMAX2	10 km
R1	2 km
R2	4 km
IEXTRP (Surface wind vertical extrapolation)	-4 Extrapolate using similarity theory and exclude upper air observations from level 1
BIAS	-1/-1/-0.8/-0.5/0/0/0.5/0.8/1/1

5.3.1.2 CALPUFF

CALPUFF is a non-steady-state three-dimensional Gaussian puff model developed for the US Environmental Protection Agency (US EPA) and approved by the NSW EPA for use in situations where basic Gaussian plume models are not effective, such as areas with complex meteorological or topographical conditions, including coastal areas with re-circulating sea breezes. The CALPUFF model substantially overcomes the basic limitations of the steady-state Gaussian plume models, and as such, was chosen as the most suitable dispersion model for the AQIA. Some examples of applications for which CALPUFF may be suitable include:

- Near-field impacts in complex flow or dispersion situations:
  - complex terrain;
  - stagnation, inversion, recirculation, and fumigation conditions;
  - overwater transport and coastal conditions;
  - light wind speed and calm wind conditions;
- Long range transport;
- Visibility assessments and Class I area impact studies;
- Criteria pollutant modelling, including application to development applications;
- Secondary pollutant formation and particulate matter modelling; and
- Buoyant area and line sources (e.g. forest fires and aluminium reduction facilities).

Those parameters that deviate from the program default values or are significant to the AQIA are provided in **Table 12**.

Table 12 CALPUFF Settings

Parameter	Setting
CALPUFF version	7.2.1
Sampling Grid	6km x 6km (200m spacing)
Calculation Type	Concentration
Chemical transformation method	Not modelled
Dispersion Option	Dispersion coefficient. use turbulence computed from micrometeorology
Use PDF method for Sigma-z in the convective BL	On
Puff splitting	No puff splitting
Plume rise method	Briggs
Transitional plume rise	On
Stack tip downwash	On
Partial plume penetration	On
Partial plume penetration (buoyant)	On
Terrain adjustment method	Partial plume path adjustment
Building wake calculation	PRIME algorithm

5.3.1.3 CALPOST

The CALPOST program is used to process the outputs of the CALPUFF program into a format defined by the user. Results can be tabulated for selected options including percentiles, selected days, gridded results or discrete locations, and can be adjusted to account for chemical transformation and background values.

The program default settings were used for the CALPOST program, ensuring that the correct averaging periods, percentiles and receptors were selected to meet the NSW EPA ambient pollutant criteria assessed (DEC, 2005). CALPOST version 7.1.0 was used in the assessment.

5.4 Modelling Scenario

In order to demonstrate that all potential emissions meet relevant ground level air quality standards, the operational scenario presented in **Table 13** was assessed.

Table 13 Assessment Scenario

Scenario ID	Description
1	Proposed 60,000 tpa Operations (Maximum proposed EPL Emission Concentrations Scenario) • Assumed 24 hour operations • Emission rates calculated from the maximum EPL concentration limits listed in the Regain Tomago license for: - 20,000 tpa Rotary Kiln Stack - 40,000 tpa Rotary Kiln Stack - Drying Plant Stack - Shed 5 Stack - Fine Grinding Mill Stack *Note 1 – Where no available limit was listed in the current EPL for the expected pollutants from that source, a commensurate EPL limit was proposed in line with the current limits imposed on EPL Point 1.* *Note 2 – For the speciated VOC's, where no EPL Limit was available for an individual VOC species, the relative percentage of each species was obtained from stack testing VOC data collected from the Regain site.* *Note 3 - For all Type 1 & 2 Metals, where no EPL Limit was available for the individual species, the relative percentage of each elemental species was obtained from stack testing data collected from the Regain site.*

Based on years of historical stack emissions testing data from the Regain facility, it is considered that adopting the maximum EPL concentration limits to determine the mass emission rates for the Project is a conservative approach. Historic operations and monitoring of the Regain facility has demonstrated that all stack pollutant concentrations levels are typically recorded below the listed EPL Limits.

5.5 Limitations

The atmosphere is a complex, physical system, and the movement of air in a given location is dependent on a number of different variables, including temperature, topography and land use, as well as larger-scale synoptic processes. Dispersion modelling is a method of simulating the movement of air pollutants in the atmosphere using mathematical equations. The model equations necessarily involve some level of simplification of these very complex processes based on our understanding of the processes involved and their interactions, available input data, and processing time and data storage limitations.

These simplifications come at the expense of accuracy, which particularly affects model predictions during certain meteorological conditions and source emission types. For example, the prediction of pollutant dispersion under low wind speed conditions (typically defined as those less than 1 m/s) or sub-hourly emissions. To accommodate these known deficiencies, the model outputs tend to provide conservative estimates of pollutant concentrations at particular locations.

The results of dispersion modelling provide an indication of the likely level of pollutants within the modelling domain. While the models, when used appropriately and with high quality input data, can provide very good indications of the scale of pollutant concentrations and the likely locations of the maximum concentrations occurring, their outputs should not be considered to be representative of exact pollutant concentrations at any given location or point in time.

6.0 CALPUFF Model Inputs

CALPUFF requires several main categories of data to determine the dispersion of pollutants:

- Meteorology;
- Terrain;
- Building wake effects;
- Sensitive receptor locations; and
- Emissions inventory.

The above inputs are addressed separately in the following sections.

6.1 Meteorology

The meteorological data are used by the model in different ways to estimate the dispersion of air pollutants:

- Ambient temperature is used to incorporate thermal buoyancy effects when calculating the rise and dispersion of pollutant plumes;
- Wind direction determines the direction in which pollutants will be carried;
- Wind speed influences the dilution and entrainment of the plume into the air continuum;
- Atmospheric stability class is a measure of atmospheric turbulence and the dispersive properties of the atmosphere. Most dispersion models utilise six stability classes, ranging from A (very unstable) to F (stable/very stable); and
- Vertical mixing height is the height at which vertical mixing occurs in the atmosphere.

The AQIA used meteorological data from a number of automatic weather stations in the Newcastle region, including the BoM Williamtown Airport, OEH Carrington, OEH Mayfield & OEH Stockton meteorological monitoring stations for the period January 2015 to December 2015.

A review of the CALMET data against the closest meteorological monitoring station (OEH Beresfield), and the long-term BoM Williamtown Airport data is provided in **Appendix B** in order to validate that the data used in the model are representative of the area and appropriate for use in the assessment. The review concluded that the CALMET data from this site are considered to be representative of meteorological conditions around the Site.

6.2 Terrain

Digital terrain data used to generate the upper air prognostic meteorological data were obtained from the TAPM 9 second DEM database covering an area of 30km by 30 km on a 1 km grid. For the CALMET model, the geophysical processor was used to convert land use and terrain data from WebGIS (SRTM1 for terrain at approximately a 30 metre resolution) and GLCC Australia Pacific (approximate 1 kilometre resolution) throughout the meteorological domain.

The terrain file is provided graphically in **Appendix B**, which also shows the locations of the surface meteorological stations.

6.3 Building Wake Effects

The dispersion of pollutants around the site is likely to be affected by aerodynamic wakes generated by winds having to flow around the buildings near the stack locations on the site. Building wakes generally decrease the distance downwind at which the stack plumes comes into contact with the ground. This may result in higher ground level pollutant concentrations closer to the emission source.

CALPUFF includes the PRIME building wake algorithm and the Building Profile Input Program (BPIP) for entering the location and dimension of buildings where building wakes may be important for dispersion. The nearby buildings were included in BPIP to estimate the building wakes required for the CALPUFF model. Building and point source locations are presented previously in **Figure 2**.

6.4 Sensitive Receptor Locations

The NSW EPA considers sensitive receptors to be areas where people are likely to either live, work, or engage in recreational activities. The area surrounding the facility is largely comprised of medium to large scale industrial premises. The area beyond the industrial premises is largely bound by native vegetation on all sides, with the Hunter River approximately 1km to the south. The closest urban residential receptors are approximately 1.4km from the facility. The Tomago Aluminium site, Regain facility and the surrounding area falling within a range of approximately 2-3km from the Tomago Aluminium site are located within the buffer zone identified in the Tomago Aluminium Development Consent.

All non-gridded sensitive receptor locations modelled are provided in **Figure 6**.

Given the proximity of some of the sensitive receptor locations to the site, gridded receptors were selected covering a 6km x 6km grid, with 200m spacing between receptors. Additionally, a denser grid of receptors was added in a 2km x 2km grid centred on the Regain facility with 50m spacing between them. The gridded receptors were selected to ensure a representative sample of all nearby potential sensitive receptor locations (not specifically identified in **Figure 6**) were included in this assessment. All gridded receptor locations modelled are presented in **Figure 7**

Finally, for the purposes of this assessment, some of the pollutants being assessed are categorised as being individual toxic air pollutants by the NSW EPA, and must show compliance with the ground-level assessment criteria "*at or beyond the boundary of the site*". Receptors at or beyond the Tomago Aluminium site boundary were included for this assessment.

Figure 6 Modelled specific sensitive receptor locations

Figure 7 All gridded receptor locations

6.5 Emissions Inventory

The emissions inventory for the assessment was prepared using site specific stack emissions testing data obtained from the current Regain Tomago facility, the previously operational Regain Hydro & Point Henry facilities and the Tomago Aluminium Delining shed. Stack emissions testing data also informed operational parameters such as expected temperatures, velocity & volumetric flow rates.

Flow rate data from the Regain Point Henry facility was used to determine the expected pollutant emission rates from the 40,000 tpa Rotary Kiln proposed for the site (which would be relocated from Point Henry). Regain have advised that this kiln is expected to operate at the Tomago site in the same manner as currently operational plant and as such the same EPL concentration limits are achievable and should be adopted.

Stack testing data from the Regain Hydro facility informed parameters for both the Drying Plant and Fine Grinding Mill to be installed at the Regain Tomago facility as it is current and most representative of expected emission parameters from those sources.

Data from the Tomago Aluminium Delining shed stack was provided by Regain for use in this assessment as it is the most representative of the current materials handling work which occurs within Shed 5 at the Regain facility. The Regain Shed 5 is currently vented to the same baghouse which serves the Tomago Aluminium Delining shed.

Table 14 presents a summary of the emission points considered in this assessment, and the data source for each emission point.

Table 14 Emission Points Data Summary

Proposed EPL Point No.	Stack Name	Data Source	Years Used	No. of Tests Used
1	20,000 tpa Rotary Kiln	Regain Tomago Stack Testing Reports	2014 – 2016	10
2	40,000 tpa Rotary Kiln	Regain Point Henry Stack Testing Reports	2017	1
3	Drying Plant Stack	Regain Hydro Stack Testing Reports	2014 – 2015	8
4	Shed 5	Tomago Aluminium Deline Stack Testing Reports	2014 – 2016	3
5	Fine Grinding Mill	Regain Hydro Stack Testing Reports	2014 – 2015	8

The use of site specific data is considered to be best practice and likely to reflect an accurate representation of the facilities potential operational parameters.

6.5.1 Current and Proposed EPL Point Concentration Limits

The relevant EPL concentration limits for the pollutants of interest in this assessment are provided in **Table 15** for each of the respective stacks where they were available. Where no current limit was available a concentration limit has been proposed.

Preliminary modelling suggested that the current Cadmium limit for EPL Point 1 of 0.035 mg/m^3 when adopted for both the current and proposed kiln may result in an exceedance of the ground level concentration limits. A new limit of 0.025 mg/m^3 is being proposed for both EPL Point 1 and 2, to ensure compliance with ground level concentration limits. The concentrations presented in **Table 15** were adopted for this assessment.

Table 15 Current & Proposed EPL Concentration Limits

Pollutant	Units	20,000 tpa Rotary Kiln Stack	40,000 tpa Rotary Kiln Stack[1]	Drying Plant Stack[1]	Shed 5 Stack[1]	Fine Grinding Mill Stack[1]
Cadmium	mg/m^3	0.025[2]	0.025[2]	N/A	N/A	N/A
Cyanide	mg/m^3	1	1	N/A	N/A	N/A
Dioxins & Furans	ng/m^3	0.1	0.1	N/A	N/A	N/A
Fine Particulates (PM_{10})	mg/m^3	10	10	10	10	10
Nitrogen Oxides (Equivalent NO_2)	mg/m^3	100	100	N/A	N/A	N/A
Polycyclic Aromatic Hydrocarbons	mg/m^3	0.5	0.5	N/A	N/A	N/A
Sulfur Dioxide	mg/m^3	50	50	N/A	N/A	N/A
Total Fluoride	mg/m^3	5	5	N/A	N/A	N/A
Total Solid Particulates	mg/m^3	20	20	20	20	20
Type 1 & 2 Substances	mg/m^3	1	1	N/A	N/A	N/A
Volatile Organic Compounds	mg/m^3	20	20	N/A	N/A	N/A

[1]EPL Limits have been adopted for this assessment from the currently approved limits for EPL Point 1 at the Regain Tomago facility

[2]Preliminary modelling suggested that the current Cadmium limit of 0.035 mg/m^3 adopted for both the current kiln and proposed kiln may result in an exceedance of the ground level concentration limits. A new limit of 0.025 mg/m^3 is being proposed for both EPL Point 1 and 2 to ensure compliance with the ground level concentration limit is achieved. The proposed Cadmium limit is achievable under normal operating conditions, based on years of historical stack emissions testing results.

Stack emissions testing was previously conducted by AECOM between 2014 - 2017 for the relevant emission points at the Regain Tomago, Hydro & Point Henry facilities, along with the Tomago Aluminium Deline baghouse stack. The stack emissions testing showed compliance with all the listed EPL limits for each of the respective licenses.

A summary of all the operational parameters (velocity, flow rate and temperature) for each stack from the testing, which was used to calculate the Regain Tomago emission rates associated with the Project is presented in **Appendix D**.

An emissions inventory was prepared based on these stack parameters and the EPL Concentration limits for the scenario being assessed as discussed in **Section 5.4**.

6.5.2 Stack Parameters & Emission Rates

Table 16 & **Table 17** provide a summary of the emission points and emission rates considered in this assessment for the scenario listed in **Section 5.4**.

Table 16 Summary of Modelled Emission Points

Source	Units	20,000 tpa Rotary Kiln Stack	40,000 tpa Rotary Kiln Stack[4]	Shed 5 Stack[4]	Fine Grinding Mill Stack	Drying Plant Stack
Easting	mE MGA94	379631	379605	379598	379609	379598
Northing	mN MGA94	6367514	6367551	6367534	6367523	6367531
Height	mAGL	12.52	14.10	14.94	20.26	14.94
Temperature	K	359	360[1]	299[2]	306[3]	324[2]
Inside Diameter	m	0.9	1.1	1.1	0.75	0.75
Exit Velocity	m/s	17.6	13.7	23.1	5.0	16.1
Exhaust Flow	Am^3/s	11.2	13.0[1]	22.0[2]	2.2[3]	7.1[2]
	Nm^3/s	**8.5**	**9.9[1]**	**20.1[2]**	**2.0[3]**	**6.0[2]**
Release Type	-	Wake-Affected	Wake-Affected	Wake-Affected	Wake-Affected	Wake-Affected
Operational Hours (per year)	hr	8760	8760	8760	8760	8760

[1]Adopted from the Regain Point Henry Kiln operational parameters
[2]Adopted from the Regain Hydro operational parameters
[3]Adopted from the Tomago Aluminium Deline operational parameters

[4] The locations of these two stacks were modelled based on the proposed site concept layout. Since the completion of this assessment, the location of these two stacks has been swapped in the final design phase as a result of site layout and engineering optimisation. The stacks are separated by a distance of 18m. However both are similar in height and equally impacted by building wake effects of the adjacent shed. It is not expected that this swap of stack location would have a substantial effect on the reported pollutant ground level concentrations. The outcomes of this assessment would be addressed in a validation assessment undertaken upon completion of the proposed site modifications.

Table 17 Summary of Modelled Emission Rates

Source	Units	20,000 tpa Rotary Kiln Stack	40,000 tpa Rotary Kiln Stack	Shed 5 Stack	Fine Grinding Mill Stack	Drying Plant Stack	EPL Conc. Limits (mg/m^3)
Cyanide	g/s	0.00852	0.00987	-	-	-	1
Dioxins & Furans	g/s	8.52E-10	9.87E-10	-	-	-	$1x10^{-7}$
Fine Particulates (PM10)	g/s	0.08523	0.09871	0.20104	0.01953	0.06004	10
Nitrogen Oxides	g/s	0.85225	0.98706	-	-	-	100
Polycyclic Aromatic Hydrocarbons	g/s	0.00426	0.00494	-	-	-	0.5
Sulfur Dioxide	g/s	0.42613	0.49353	-	-	-	50
Total Fluoride	g/s	0.04261	0.04935	-	-	-	5
Total Solid Particulate	g/s	0.17045	0.19741	0.40207	0.03906	0.12008	20
Type 1 & Type 2 Substances	g/s	0.00852	0.00987	-	-	-	1
Antimony*	g/s	1.02E-04	1.18E-04	-	-	-	N/A
Arsenic*	g/s	7.51E-05	8.70E-05	-	-	-	N/A
Cadmium	g/s	2.09E-04	2.42E-04	-	-	-	0.025
Chromium*	g/s	6.88E-04	7.97E-04	-	-	-	N/A
Lead*	g/s	3.94E-04	4.57E-04	-	-	-	N/A
Manganese*	g/s	4.07E-03	4.71E-03	-	-	-	N/A
Mercury*	g/s	6.51E-05	7.53E-05	-	-	-	N/A
Nickel*	g/s	1.47E-03	1.70E-03	-	-	-	N/A
Volatile Organic Compounds	g/s	0.17045	0.19741	-	-	-	20
Acetone*	g/s	0.07460	0.08640	-	-	-	N/A
Benzene*	g/s	0.00691	0.00801	-	-	-	N/A
Toluene*	g/s	0.08893	0.10300	-	-	-	N/A

* See **Section 6.5.2.2** for discussion of emission rate calculation

6.5.2.1 NO_x Conversion to NO_2

Nitrogen oxides are produced in most combustion processes and are formed during the oxidation of nitrogen in fuel and nitrogen in the air. During high-temperature processes, a variety of oxides are formed including nitric oxide (NO) and NO_2. NO will generally comprise 95 % of the NO_X by volume at the point of emission. The remaining NO_X will consist of NO_2. Ultimately, however, all nitric oxides emitted into the atmosphere are oxidised to NO_2 and then further to other higher oxides of nitrogen.

This assessment adopted the conservative methodology for nitrogen oxide chemical transformation, which assumes that 100% of NO is converted to NO_2 in the atmosphere.

6.5.2.2 Hazardous Elemental Metals & Speciated VOC's

Where there was no EPL Concentration limit listed in the Regain Tomago license for a number of the elemental metals and individual VOC species which are currently sampled for as part of the Regain Tomago EPL requirements, historical stack testing data was used to determine the percentage breakdown for each of these elemental metals and speciated VOC's. These percentages were then used to calculate a theoretical maximum emission rates expected for each of the individual substances based on the maximum licence concentration limits for the respective Type 1 & 2 Metals or Total VOC's. The percentage ratio's used in this assessment are provided in **Table 18** and **Table 19** below.

Table 18 Type 1 & Type 2 Metals Percentage Breakdown

Type 1 & 2 Elemental Metals	Antimony	Arsenic	Chromium	Lead	Manganese	Mercury	Nickel
Percentage of Total Type 1 & 2 Metals*	1.2%	0.9%	8.1%	4.6%	47.8%	0.8%	17.2%

* The total percentage does not add up to 100% as some of the elemental Type 1 & 2 substances included in the analysis do not have associated ground level concentration limits, and as such have not been included in this assessment.

Table 19 Speciated VOC's Percentage Breakdown

Individual VOC's Species	Acetone	Benzene	Toluene
Percentage of Total VOC's*	43.8%	4.1%	52.2%

* Based on historical testing, only the three VOC species listed in the table above returned a result above the detection limit of the method, and as such only these species have been used to calculate the percentage breakdown of the total VOC's.

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7.0 Modelling Results

The NSW EPA's assessment criteria for the assessed pollutants apply to both the 100th & 99.9th percentile for site-specific assessments, such as this AQIA. The data are presented for the respective pollutants of concern at the nearest sensitive receptor, or at/beyond the boundary as required by the *Approved Methods*.

7.1 Maximum Potential Operating Conditions (Current & Proposed EPL Concentration Limits)

The predicted maximum cumulative ground level concentrations for the maximum EPL concentrations scenario from the dispersion model are summarised in **Table 20**. The incremental impacts for each pollutant assessed in the modelling have also been expressed as a percentage of the criteria.

The maximum cumulative values are inclusive of the incremental impacts from the site, and the background values identified in **Section 4.1.5**.

Table 20 Incremental & Cumulative Predicted Ground Level Concentrations (µg/m^3)

Pollutant	Averaging Period	Percentile	Assessment Location	Incremental GLC	Incremental % of Criteria	Background GLC	Cumulative GLC	GLC Criteria
Sulfur Dioxide (SO_2)	1 hour	100th	Nearest sensitive receptor	27.30	4.8%	214.8	242.10	570
	24 hours	100th		5.28	2.3%	73.4	78.68	228
	Annual	100th		0.61	1.0%	9.8	10.41	60
Nitrogen Dioxide (NO_2)	1 hour	100th	Nearest sensitive receptor	54.60	22.2%	92.1	146.70	246
	Annual	100th		1.22	2.0%	16.9	18.12	62
PM_{10}	24 hour	100th	Nearest sensitive receptor	3.87	7.7%	43.30	47.17	50
	Annual	100th		0.41	1.6%	18.70	19.11	25
Lead	Annual	100th	Nearest sensitive receptor	0.00056	0.1%	N/A	N/A	0.5
Total Suspended Particulates	Annual	100th	Nearest sensitive receptor	0.70	0.8%	N/A	N/A	90
Hydrogen Fluoride	90 days	100th	Nearest sensitive receptor	0.12	23.2%	0.20	0.32	0.5
	30 days	100th		0.16	18.9%	0.81	**0.97**	0.84
	7 days	100th		0.22	12.9%	1.18	1.4	1.7
	24 hours	100th		0.53	18.2%	N/A	N/A	2.9

Pollutant	Averaging Period	Percentile	Assessment Location	Incremental GLC	Incremental % of Criteria	Background GLC	Cumulative GLC	GLC Criteria
Cyanide	1 hour	99.9th	At or beyond boundary	0.73	0.4%	N/A	N/A	200
Dioxins & Furans	1 hour	99.9th	At or beyond boundary	7.28E-08	3.6%	N/A	N/A	2.00E-06
PAH	1 hour	99.9th	At or beyond boundary	0.36	91.0%	N/A	N/A	0.4
Antimony	1 hour	99.9th	At or beyond boundary	0.0087	0.1%	N/A	N/A	9
Arsenic	1 hour	99.9th	At or beyond boundary	0.0064	7.1%	N/A	N/A	0.09
Cadmium	1 hour	99.9th	At or beyond boundary	0.0179	99.2%	N/A	N/A	0.018
Chromium	1 hour	99.9th	At or beyond boundary	0.059	65.3%	N/A	N/A	0.09
Manganese	1 hour	99.9th	At or beyond boundary	0.35	1.9%	N/A	N/A	18
Mercury	1 hour	99.9th	At or beyond boundary	0.0056	0.3%	N/A	N/A	1.8
Nickel	1 hour	99.9th	At or beyond boundary	0.13	70.0%	N/A	N/A	0.18
Acetone	1 hour	99.9th	At or beyond boundary	6.38	0.03%	N/A	N/A	22000
Benzene	1 hour	99.9th	At or beyond boundary	0.59	2.0%	N/A	N/A	29
Toluene	1 hour	99.9th	At or beyond boundary	7.60	2.1%	N/A	N/A	360

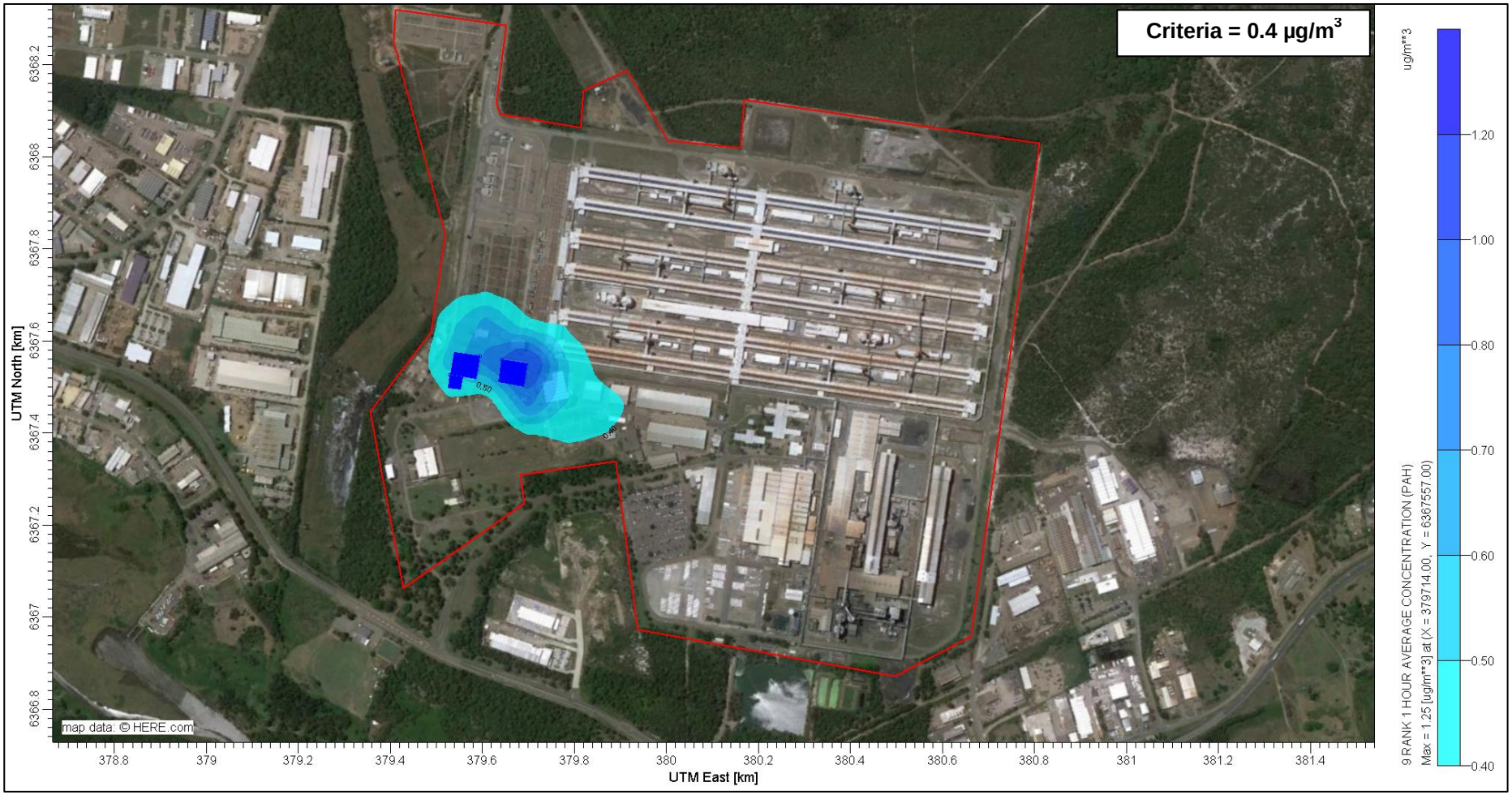

Figure 8 Maximum Incremental PAH Isopleth 99.9th Percentile

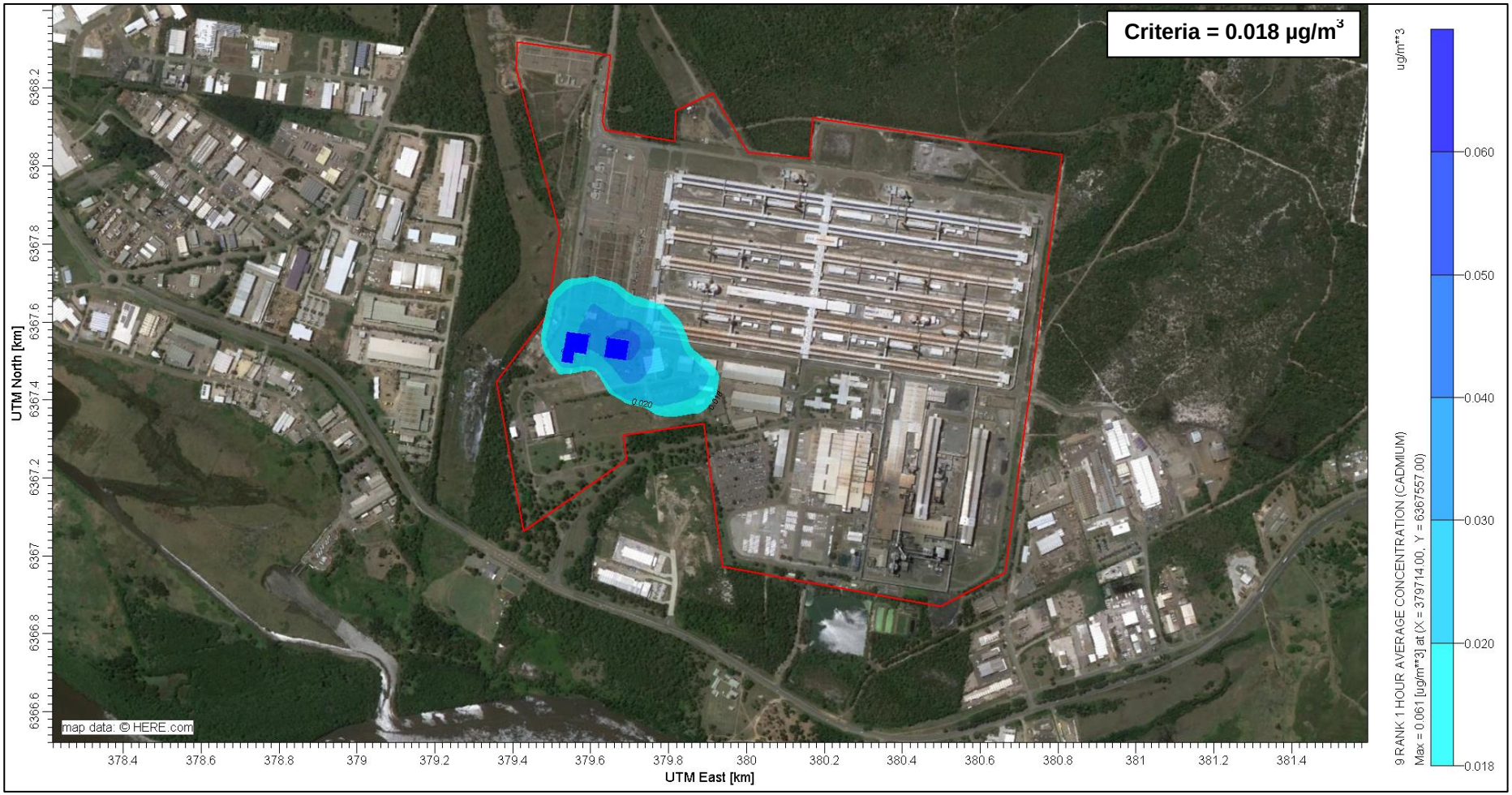

Figure 9 Maximum Incremental Cadmium Isopleth 99.9th Percentile

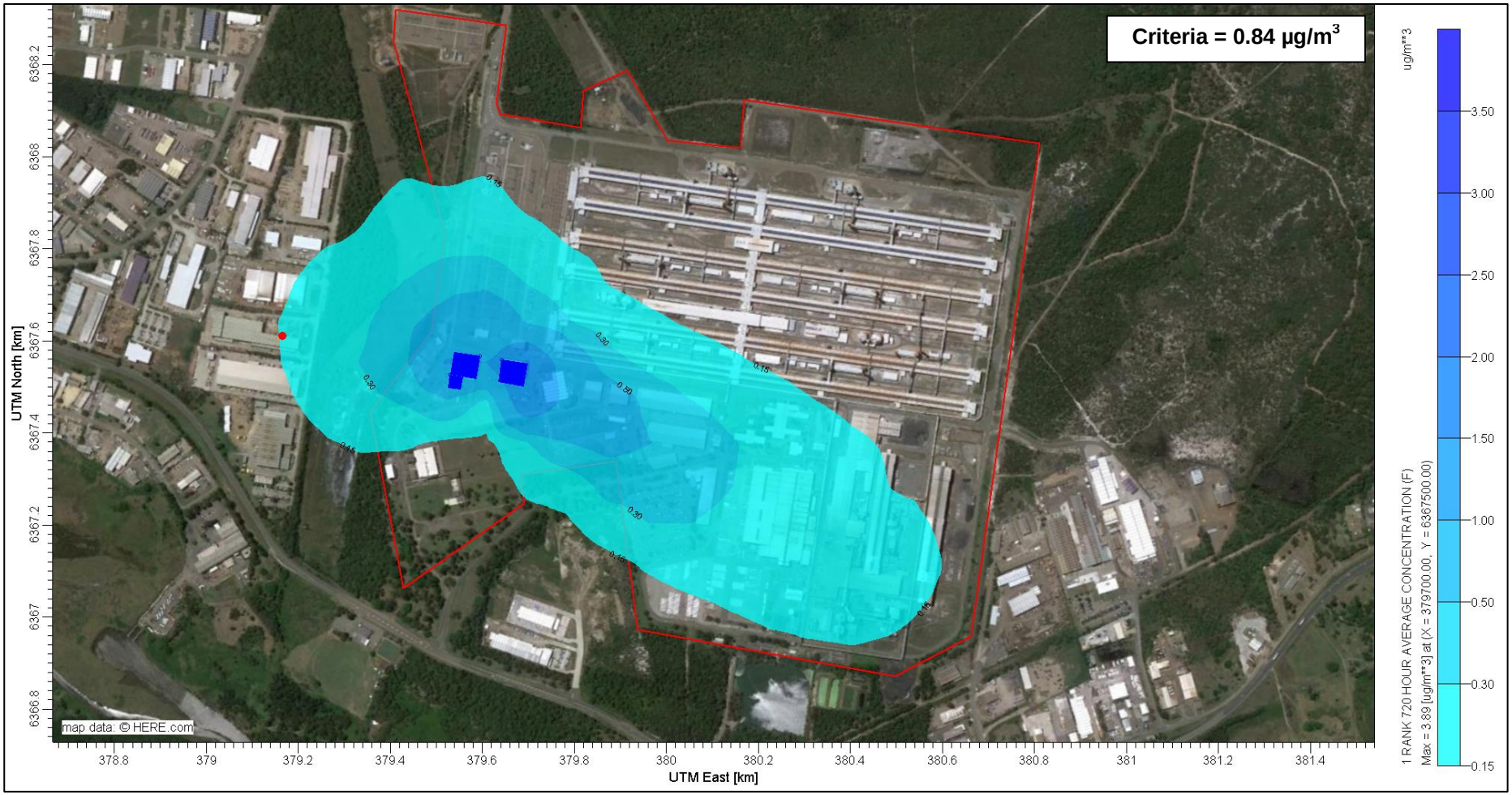

Figure 10 Maximum Incremental 30-day (720-hour) Hydrogen Fluoride Isopleth 100th Percentile

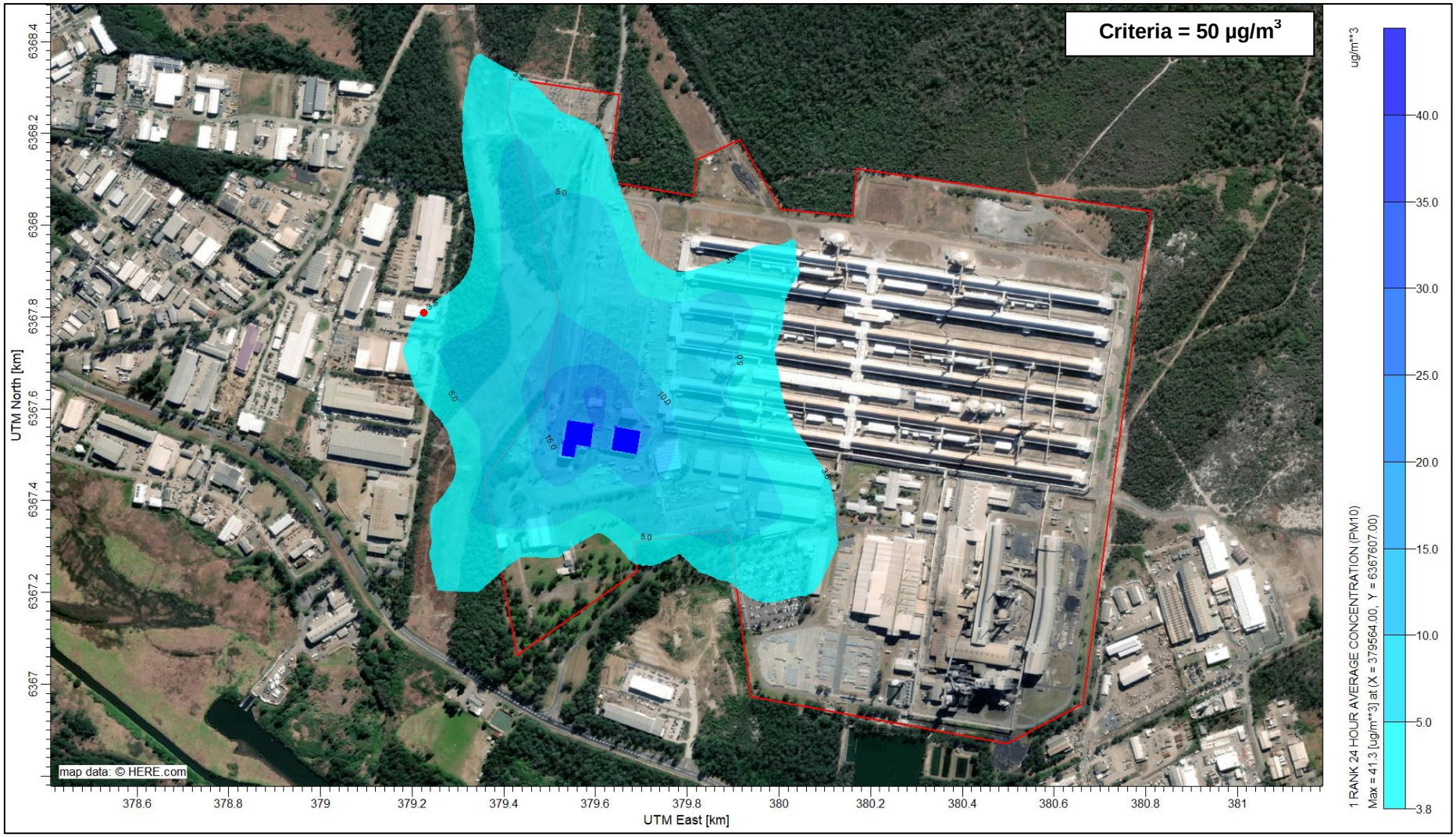

Figure 11 Maximum Incremental 24-Hour PM_{10} Isopleth 100th Percentile

As shown, the predicted maximum cumulative pollutant concentrations were all compliant with their respective GLC assessment criteria, with the exception to of the 30-day Hydrogen Fluoride result. The following observations can be made:

- The incremental PAH concentration of 0.36 µg/m^3, and the Cadmium concentration of 0.0179 µg/m^3, represent the pollutants with their GLC closest to thetheir respective EPA criterion (0.4 µg/m^3 and 0.018 µg/m^3 respectively). The predicted incremental PAH & Cadmium isopleths are provided in **Figure 8** and **Figure 9** respectively. The isopleths show that the maximum incremental GLC's are located on the western boundary approximately 200m from the Regain facility. Based on the emissions inventory, the two rotary kilns are the main source of these pollutants; and
- The pollutants with the highest cumulative concentrations when compared to the NSW EPA criteria were Hydrogen Fluoride & PM_{10}. Hydrogen Fluoride has the highest cumulative result for the 30-day averaging period of 0.97 µg/m^3 when compared to the criteria of 0.84 µg/m^3. The cumulative 24-hour PM_{10} result was the second highest, at47.17 µg/m^3, when compared to the criteria of 50 µg/m^3. The predicted incremental Hydrogen Fluoride & PM_{10} isopleths are presented in **Figure 10** and **Figure 11** below. The isopleths show that the maximum cumulative GLCs are located at one of the sensitive receptors approximately 500m to the west of the Regain facility.

  Whilst the cumulative impacts for these pollutants are notable, and in the case of Hydrogen Fluoride being elevated above the GLC criteria, the incremental Hydrogen Fluoride and PM_{10} Regain contributions at the same location are small at 0.16 µg/m^3 and 3.87 µg/m^3, well below their respective criteria.

7.2 Results Comparison with 2009 Environmental Assessment

A summary of the predicted incremental and cumulative ground level concentrations for the Project are provided in **Table 21**, with the results from the previous ENSR (2009) EA included for comparison. It must be recognised that the 2009 EA used actual expected pollutant concentrations as opposed to the maximum current or proposed emission concentration limits adopted for this assessment to demonstrate a 'worse-case' scenario.

Table 21 Incremental Results Comparison - 2009 Environmental Assessment

Pollutant	Averaging Period	2009 EA (20,000 tpa)[1]		2018 DA Modification (60,000 tpa EPL Limits)[2]		Criteria (µg/m^3)
		Incremental Results	Cumulative Results	Incremental Results	Cumulative Results	
Sulfur Dioxide (SO_2)	1 hour	0.09	**572.1**	27.30	242.10	570
	24 hours	0.02	217.4	5.28	78.68	228
Nitrogen Dioxide (NO_2)	1 hour	0.92	126.9	54.60	146.70	246
	Annual	0.03	28	1.22	18.12	62
PM_{10}	24 hour	3.2	**91.2**	3.87	47.17	50
	Annual	0.33	21.3	0.41	19.11	25
Total Suspended Particulates	Annual	0.77	53.2	0.70	N/A	90
Hydrogen Fluoride	90 days	0.009	**2.91**	0.12	0.32	0.5
	7 days	0.016	**5.5**	0.22	1.4	1.7
	24 hours	0.04	N/A	0.53	N/A	2.9
Cyanide	1 hour	0.27	N/A	0.73	N/A	200
PAH's	1 hour	0.0094	N/A	0.36	N/A	0.4
Dioxins & Furans	1 hour	$8.8x10^{-10}$	N/A	$7.28x10^{-8}$	N/A	$1.0x10^{-6}$

[1] Results reported were the respective maximums across the whole modelling domain
[2] Results reported are either at a sensitive receptor location offsite, or at or beyond the site boundary in accordance with the *Approved Methods*.
N/A = Background data not available

When comparing the incremental results from this assessment, with those reported in the ENSR (2009) EA it can be seen that increasing the production rate from 20,000 tpa to 60,000 tpa, corresponds to an increase in the predicted ground level concentrations for most of the assessed pollutants. The incremental ground level concentrations resulting from Regain operations are all well below the relevant ground level concentration criteria, with the cumulative results also demonstrating compliance.

When comparing the results from this AQIA with the previous ENSR (2009) EA, the following should be noted:

- The model used in this assessment was the CALPUFF model (in accordance with the *Approved* Methods) compared to AUSPLUME used in 2009, which calculates the dispersion of pollutants differently, and can result in varying results between the two models. CALPUFF is the currently recognised model for use by the NSW EPA for this Project.

- A more recent and representative meteorological year (2015) and ambient pollutant background data set was used for this assessment in comparison to the 2008 data used in the ENSR (2009) EA. Ambient background pollutant concentrations can vary significantly year to year depending on a number of factors in the local area, which may include (but not limited to) the following:
  - The location of the ambient monitoring stations and the sampling equipment used;
  - Natural events, such as bushfires and dust storms;
  - Industries improving their environmental emissions controls;
  - New industries operating in the area, or sites ceasing operations; and
  - Increase or decrease in traffic volume through the area.

  The ambient pollutant background year selected for this assessment was done to be consistent with the updated meteorological dataset used in the modelling, which is more consistent with current expected background concentrations than a dataset for 10 years prior.
- The input data used in this assessment is based on the maximum currently approved and proposed EPL concentration limits, as opposed to a single data set at average operational conditions used in the ENSR (2009) AQIA. Based on years of historical stack emissions testing data from the Regain facility, it is considered that adopting the maximum EPL concentration limits to determine the mass emission rates for the Project is a very conservative approach. Typical operations of the Regain facility have demonstrated that all stack pollutant concentrations levels are well below the listed EPL Limits.
- In this assessment, in accordance with the current *Approved Methods*, the ground level impact has been assessed at offsite sensitive receptors, or at/beyond the Tomago Aluminium site boundary which the Regain facility operates within. The ENSR (2009) assessment reported the maximum ground level concentrations across the whole modelling domain, which fell within the Tomago Aluminium site boundary.

Whilst the incremental ground level concentration results for the increase in production capacity of the Project show an increase in the potential ground level concentrations of the assessed pollutants, when examining the cumulative impacts, there is no predicted cumulative increase compared to the original EA (2009). Therefore potential air quality impacts associated with the current proposed modification are likely to remain substantially the same as the original approved development.

8.0 Modelling Results Summary

This assessment predicts that when considered in isolation (incremental concentration only), no adverse impacts are likely to occur as a result of the facility operating under proposed maximum operational conditions at or beyond the site boundary or at any sensitive receptor location. When considered cumulatively with background concentrations, there is a potential exceedance of the GLC criteria for the 100th percentile 30-day Hydrogen Fluoride concentration in Scenario 1.

The potential for cumulative fluoride exceedances exist due to elevated background concentrations of fluoride, likely related to the operation of the Aluminium smelter. The location of sensitive receptors recording modelled elevated cumulative ground level concentrations for Hydrogen Fluoride are located approximately 200m to the west of the Regain facility, beyond the Tomago Aluminium boundary. These receptors are located within the nearby industrial estate, which fall within the Tomago Aluminium buffer zone. Guidance from the ANZECC (1990) document from which the NSW EPA limits are derived, indicates that the intent of the ambient fluoride criteria was for application at receptors where sensitive vegetation or grazing animals are located. Neither of these sensitive receptor types are present at the industrial receptors identified as having cumulative concentrations above the criteria in this assessment.

The increase in incremental Fluoride concentrations associated with the Regain operations are predicted to be only 0.16 µg/m^3 at these industrial receptor locations and as such are unlikely to cause any significant additional environmental impact beyond the elevated background concentrations already present in the environment. As such, the assessment indicates that the proposed modification to the Regain facility is not predicted to cause any potential increase in environmental harm associated with any of the pollutants examined in this AQIA when operating at the maximum permitted stack concentration limits.

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9.0 Operational Mitigation Measures

The following section provides a discussion of operational mitigation measures related to air quality, currently adopted at the Regain facility. The same measures are proposed to be implemented for the additional 40kT per annum Rotary Kiln/Dryer. These mitigation measures were implemented by Regain to minimise air pollutant emissions from their facility.

9.1 SPL Handling and Preparation

Preparation of SPL for thermal treatment including handling, sorting, crushing, sizing and stockpiling would be conducted in a building with roller shutter doors that could be opened and closed, as required, along with dust extraction and gas filtering equipment to manage potential dust escape from the preparation and storage area. This approach would contain any generated dust within the confines of the building. Process equipment such as conveyors, crushers and grinding mills would be enclosed to prevent dust release from the process plant.

9.2 Enclosed External Plant

External plant elements are not in a covered building, however would be enclosed such, that there would be no open material transfer points. External plant would be connected to dust extraction, filtration and control equipment such that air pressure with the process plant would be lower than atmospheric pressure thus preventing fugitive dust escape from the process plant.

9.3 Dust Extraction

The operation of loading SPL to the process circuit has the potential to liberate dust into the atmosphere within the building. This dust has the potential to escape from vents and doors that may be open from time to time. Dust control from the facility would occur via the following five independent dust extraction and collection points:

1. 20kT thermal treatment plant dust collector;
2. 40kT thermal treatment plant dust collector;
3. Drying plant dust collector;
4. SPL Shed 5 and Deline facility air filter (SPL preparation facilities); and
5. Proposed fine grinding mill dust collector.

Ductwork would be installed throughout the process plant system and connected to dust generating areas such as mills, crushers, conveyors, storage bins and the kiln/dryer. The dust extraction system would maintain a slightly negative pressure within the building, ensuring air is always drawn into the building through any openings (e.g. ventilation louvers, roller doors, etc.), preventing the escape of fugitive dust.

Each dust extractor would be fitted with a filter bag unit to remove the dust from the extracted air streams. Particulate concentrations within exhausted air from the dust extractors would be below permissible licence levels. Collected particulate matter would be returned to the production cycle.

9.4 Alarms & Shut Down

The building dust extraction system, including filter bags, would be fitted with a visual and audible alarm system that would sound within the plant buildings to immediately shut down plant operations in the event that the dust extraction failed.

9.5 Baghouse Temperature Monitoring

The alarm system would be triggered by temperature probes installed in the baghouses that would alarm and shut down the plant if the inlet gas temperature to the baghouses exceeded 130^{o}C.

9.6 Rotary Kiln Temperature Control and Safety Design

The key process control for the rotary kilns would be temperature control via the burner management system. The product temperature in the kiln would be measured using thermo-couples connected to a digital control system. The burner management controls would maintain the required temperature. Independent High/Low temperature monitoring and alarms would be installed on the system. The rotary kilns would also be fitted with blast panels to ensure that, in the unlikely event of explosion, damage to the kiln shell would be minimised.

9.7 Burner Management

The plant would be fitted with a burner management system that would be designed in accordance with AS1853 (“Automatic Oil and Gas Burners: Mechanical Draught”, Standards Association of Australia, Sydney, 1983). This standard requires burners to be fitted with isolation valves and flame detectors. In the event of a “flame-out”, the flame detector would activate and the gas isolation valve would close.

9.8 Treated Product (HiCAl) Handling

Once treated in the kiln, the product is transferred via an enclosed conveyer system to the Shed 6 storage building which opens to the environment via two large roller doors, which can accommodate a front end loader. The dry material is wetted inside the storage building to achieve a moisture content of approximately 5-7%, to minimise the potential for the generation of dust, particularly during bulk truck loading operations.

Truck loading operations take place within the bunded courtyard area between the two large sheds at the Regain facility, whereby the front end loader collects product from Shed 6, and loads the truck outside. Loading activities only taking place during dry weather, with any spillages cleaned up and the loading area swept regularly to maintain good housekeeping practices. Trucks are covered upon completion of the loading activities before the leave the Regain facility.

The bunded courtyard area drains directly to the Regain facility stormwater recycling system, which prevents the potential for material to enter any stormwater drains.

9.9 Emissions Testing

The Regain Tomago Environment Protection License (EPL) No. 13269 currently requires stack emissions testing of EPL Point 1 (20,000 tpa Rotary Kiln stack) to be undertaken on a biannual basis whilst processing both 1st Cut and 2nd Cut SPL.

With the installation of the new plant, and operation of five point sources onsite, Regain propose to conduct licensed testing as outlined in **Table 22**, with operational EPL Concentration Limits as outlined in **Table 15**.

Table 22 Proposed EPL No. 13269 Emissions Testing

EPL Point	Stack Name	Feed Material	Frequency	Pollutants
1	20,000 tpa Rotary Kiln Discharge Stack	1st Cut & 2nd Cut	Biannual	Nitrogen Oxides Type 1 & 2 Substances Fine Particulates (PM_{10}) Polycyclic Aromatic Hydrocarbons (PAH) Sulfur Dioxide Dioxins & Furans Total Solid Particulates (TSP) Cyanide Total Fluoride Cadmium Volatile Organic Compounds
2	Drying Plant Discharge Stack	Any	Biannual	Total Solid Particulates (TSP) Fine Particulates (PM_{10})
3	Shed 5 Discharge Stack	Any	Biannual	Total Solid Particulates (TSP) Fine Particulates (PM_{10})
4 (Proposed)	40,000 tpa Rotary Kiln Discharge Stack	1st Cut & 2nd Cut	Biannual	Nitrogen Oxides Type 1 & 2 Substances Fine Particulates (PM_{10}) Polycyclic Aromatic Hydrocarbons (PAH) Sulfur Dioxide Dioxins & Furans Total Solid Particulates (TSP) Cyanide Total Fluoride Cadmium Volatile Organic Compounds
5 (Proposed)	Fine Grinding Plant Discharge Stack	Any	Biannual	Total Solid Particulates (TSP) Fine Particulates (PM_{10})

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10.0 Greenhouse Gas Assessment

10.1 Methodology

A greenhouse gas assessment was undertaken in accordance with the requirements outlined in the SEAR's and the *Australian National Greenhouse Accounts; National Greenhouse Accounts Factors, July 2017*. The assessment provides a qualitative assessment of GHG emissions during operation of the Regain facility and a qualitative analysis of the facilities relative contribution to national greenhouse emissions.

10.2 Key Definitions and Terms

10.2.1 Greenhouse Gases Global Warming Potentials

The Global Warming Potential (GWP) is an index used to convert relevant non-carbon dioxide gases to a carbon dioxide equivalent (CO_2^{-e}) by multiplying the quantity of the gas by its GWP. GWPs for common greenhouse gases are presented in **Table 23**.

Table 23 Global Warming Potentials (Australian Government 2014)

GHG Gas	Global Warming Potential
Carbon Dioxide (CO2)	1
Methane (CH4)	21
Nitrous Oxide (N2O)	310
Hydrofluorocarbons (HFCs)	140-11,700
Perfluorocarbons (PFCs)	6,500-9,200
Sulphur hexafluoride (SF_6)	23,900

10.2.2 Direct and Indirect Emissions

Direct emissions are produced from sources within the boundary of an organisation and as a result of the organisations activities. These include generation of energy or electricity, manufacturing processes that produce emissions, transportation of materials, fugitive emissions and onsite waste management (Australian Government 2017).

Indirect emissions are emissions generated in the wider economy as a consequence of organisations activities that are physically produced by the activities of another organisation. This includes consumption of electricity, upstream emissions generated in the extraction and production of fossil fuels, downstream emissions from transport of an organisations product to customers and emissions from contracted and outsourced activities (Australian Government 2017).

10.2.3 Types of Emission Factors

Emission factors are activity specific and the activity being undertaken defines the emission factor used. The scope that emission factors are reported under is determined by whether the activity is within the organisations boundary or outside it and is defined as follows:

- **Scope 1:** All direct GHG emissions; and
- **Scope 2:** Indirect GHG emissions from the consumption of purchased electricity.

10.3 GHG Impact Assessment

The following section provides a summary of the greenhouse gas emissions related to the project.

10.3.1 Emissions Estimation

Table 24 provides a breakdown of the Scope 1 and Scope 2 emissions during operation of the existing and proposed augmentation of the facility. Due to both the wide distribution of upstream and downstream users and cyclic nature of the pot production for the aluminium smelting process which produces the SPL that Regain use as a feed material Scope 2 has been limited to electricity consumption only, and Scope 3 items have been excluded entirely.

It can be seen from **Table 24** there would be an increase in the GHG emissions from the existing to the proposed operations with estimated total GHG emissions changing from 1,611 CO_2^{-e}t/y to4,834 CO_2^{-e} t/y. This is largely attributed to the operation of the additional rotary kiln, increasing production from 20 kT/y to 60 kT/y.

When predicted GHG emissions from the proposal are compared to state and national GHG emissions for 2016, the facilities contribution is relatively small, contributing 0.0044% of NSW, GHG emissions and 0.0011% of national emissions[5] accounting for Scope 1 and Scope 2 emissions.

Table 24 Existing and Proposed GHG Emissions (CO_2^{-e}t/y)

Source	Type	Current Production (20 kT/y)		Proposed Production (60 kT/y)	
		Qi Value	Emissions (CO_2-e t)	Qi Value	Emissions (CO_2-e t)
Natural gas consumption	Scope 1	24000	1237	72000	3710
Diesel (Vehicles)	Scope 1	40	109	120	327
Electricity consumption	Scope 2	320000	266	960000	797
Total			**1611**		**4834**

10.3.2 GHG Emission Intensity

The intensity of greenhouse emissions from the project (per unit of production) has been estimated from the total GHG emissions under existing and proposed operations. These results are shown in **Table 25**. It can be seen from **Table 25** that the under the proposal the GHG emission intensity is predicted to be maintained, as the production process has not been altered, only increased in capacity from 20kT to 60kT per annum.

Table 25 Emission Intensity per Unit of Production

Operation	Production Rate (kT/y)	GHG Emissions (CO2e- t/y)	CO2e- t/t
Existing (20 kT/y)	20	1,611	0.081
Proposed (60 kT/y)	60	4,834	0.081

10.4 Proposed Safeguards

During operations of the Regain facility safeguard measures would include ensuring all mobile and plant equipment is well maintained, limiting haul routes, and light oil usage and undertaking an energy audit for the site to identify potential energy efficiency opportunities.

[5] National Greenhouse & Energy Reporting (http://www.cleanenergyregulator.gov.au/NGER/National%20greenhouse%20and%20energy%20reporting%20data/Data-highlights/2016-17-published-data-highlights), Accessed 7 August 2018

11.0 Conclusion

This air quality impact assessment was undertaken for the proposed capacity increase modification to the Regain facility located within the Tomago Aluminium site at Tomago, NSW. The proposed modification includes increasing the processing capacity of the site from 20,000 tpa to 60,000 tpa , by the addition of a 40,000 tpa Rotary Kiln, as well as construction of a Fine Grinding Plant. The main emissions of concern for this assessment associated with the proposed Regain operations include a range of primary air pollutants and principal air toxic substances, released during the thermal treatment of SPL.

The air quality assessment examined the existing air quality and local meteorology, outlined the relevant air quality standards and guidelines, detailed the assessment methodology through the use of the air dispersion model CALPUFF and considered the effects on air quality from the potential operational emissions.

The assessment indicates that the proposed modification to the Regain facility in isolation from background pollutant sources is not likely to result in any exceedances of the ground level concentration criteria for any pollutants assessed in this AQIA. Although there was a cumulative exceedance of the short term 30-day Hydrogen Fluoride criteria predicted by the modelling, it is principally the result of the high background levels of ambient fluoride associated with the operation of the aluminium smelter within which the Regain facility is located. Additionally, the industrial location of the receptors which may potentially exceed the criteria are unlikely to be impacted by the marginally increased levels of ambient fluoride associated with the Regain contribution as there are no sensitive flora or grazing animals present.

A GHG inventory was also prepared as part of this assessment, which predicts an increase in GHG emission intensity associated with the increased production capacity, however the facilities overall contribution is very small to the state and national GHG emissions, and not expected to be of concern.

It is recommended that Regain apply the same operational mitigation measures currently in place at the facility for the 20,000 tpa rotary kiln to the additional 40,000 tpa rotary kiln to ensure the facility is able to minimise any potential for environmental harm. Additionally, post-commissioning of the site modifications, it is recommended that Regain undertake a validation assessment, which includes emissions monitoring of all sources and a validation model to address any variations between this assessment and the operational plant. Biannual emissions monitoring should be undertaken for all point source locations once they are all installed and operational to continually demonstrate compliance with currently licensed (and proposed) EPL concentration limits.

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Appendix A

Regional Climate Data - Williamtown RAAF BoM

Appendix A Regional Climate Data - Williamtown RAAF BoM

Regional Climate Data - Williamtown BoM

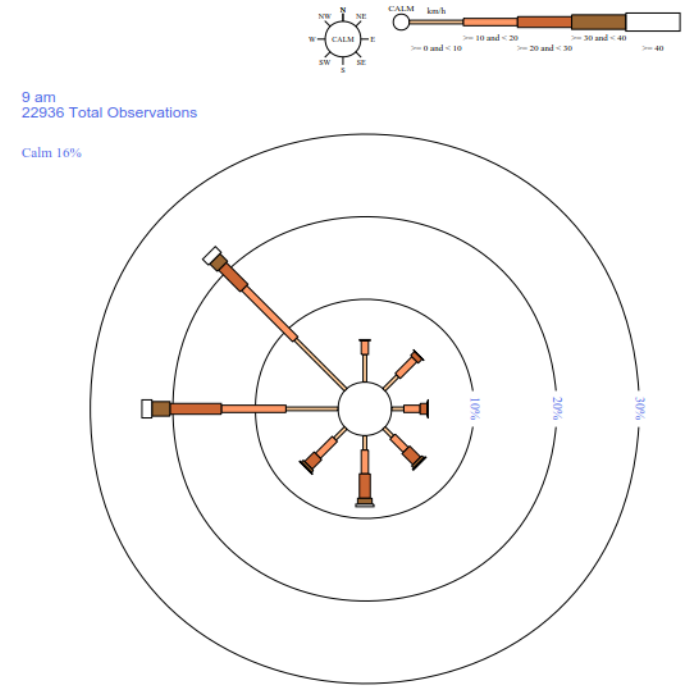
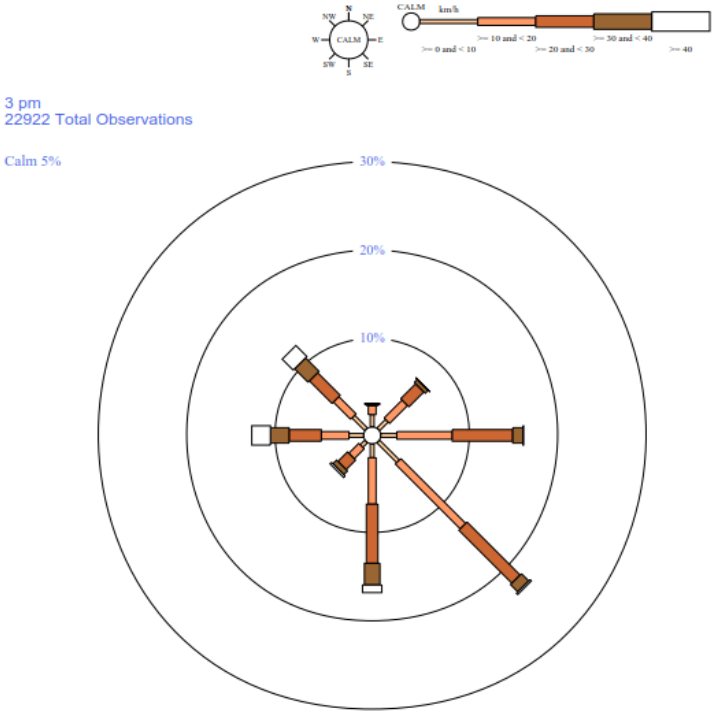
The long-term climate averages recorded at the BOM Williamtown station between 1968 and 2016 are shown in **Table 26**. The 9am and 3pm windroses for 1968 to 2010 are presented in **Table 27**.

Table 26 Long Term Climate Averages, BOM Cessnock (1968-2016)

Statistics	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
Temperature													
Mean maximum temperature (°C)	28.1	27.6	26.3	23.7	20.3	17.7	17.1	18.7	21.4	23.7	25.5	27.3	23.1
Mean minimum temperature (°C)	18	18.1	16.3	13.2	10.1	7.9	6.4	6.9	9.1	11.9	14.4	16.5	12.4
Rainfall													
Mean rainfall (mm)	101.7	119.2	118.2	111.8	112.2	121.3	72.5	74.2	60.5	72.7	83.4	79.8	1126.7
Mean number of days of rain ≥ 1 mm	7.2	7.3	8	7.4	7.8	8.2	6.4	6.1	5.6	7.2	7.3	7.1	85.6
9 am Conditions													
Mean 9am temperature (°C)	23	22.5	21.2	18.2	14.3	11.6	10.5	12.2	15.7	18.8	20.5	22.2	17.6
Mean 9am relative humidity (%)	72	76	77	76	79	80	77	71	66	64	66	68	73
Mean 9am wind speed (km/h)	11.9	10.6	10.2	11.4	13.7	15.9	16.4	16.8	15.3	14.4	14.4	12.9	13.7
3 pm Conditions													
Mean 3pm temperature (°C)	26.5	26.1	24.9	22.5	19.3	16.8	16.2	17.6	20	21.9	23.8	25.6	21.8
Mean 3pm relative humidity (%)	59	62	61	59	60	60	55	50	50	54	55	56	57
Mean 3pm wind speed (km/h)	21.9	20.6	18.9	17.2	15.8	17.5	18.7	20.9	22	22.5	23.5	23.5	20.2

Red = Highest Value
Blue = Lowest Value

Table 27 9am and 3pm Long-Term Wind Roses - BOM Williamtown

BoM Williamtown

9am Wind Rose

3pm Wind Rose

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Appendix B

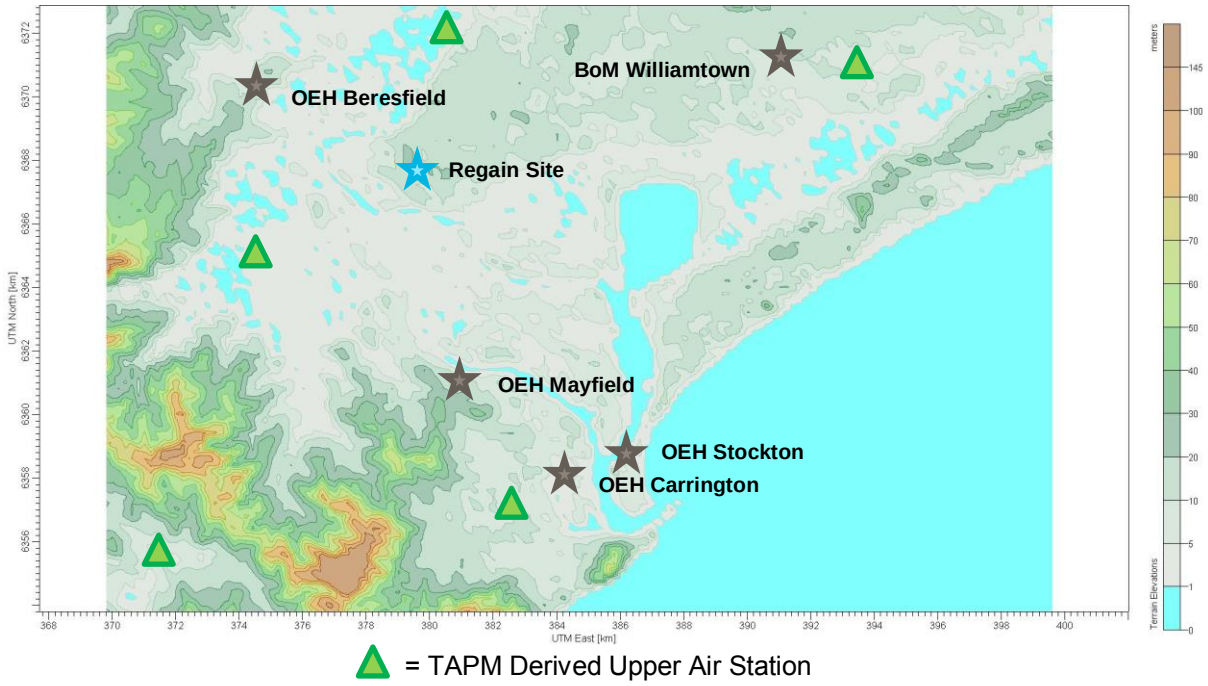
CALMET Meteorological Data Review

Appendix B CALMET Meteorological Data Review

Overview

This section presents a summary of CALMET model predictions at the Site, with reference against observations recorded at the Office of Environment & Heritage (OEH) Beresfield Automatic weather station. This AWS constitutes the closest observations station within the modelling domain, which has all required data for verification, along with a similar location close to the Hunter River, being located approximately 5.8 km northwest from the Site. Given the similarities in topography between the observation site and the Regain site (refer to **Table 28**), minimal differences are expected between the examined locations, and general meteorological trends should be comparable. Accordingly, this section includes a review of the meteorological data in the contexts of expected meteorological behaviours.

Table 28 Terrain Elevations of Meteorological Grid showing Surface & Upper Air Stations

Terrain and Surface Stations


Winds

Wind predictions have been extracted from CALMET at the Regain Tomago Site (hereafter referred to as CALMET Regain) for reference against regional observations. **Table 29** presents a summary of wind speed statistics. **Table 31** to **Table 33** present wind roses at the OEH Beresfield and CALMET Regain, with wind frequency data shown in **Table 34**.

The wind speed statistics in **Table 29** suggest that the CALMET Regain data show considerable similarities with the BOM data.

Table 29 Regional Wind Statistics Comparison 2015

Wind Parameters	OEH Beresfield	CALMET Regain
Minimum (m/s)	0.0	0.0
Average (m/s)	2.5	2.81
Maximum (m/s)	14.1	14.5
Calms (%) (<0.5m/s)	4.1	4.0

The annual wind roses in **Table 30** show similar general wind directions for both data sets, with winds blowing predominantly from the northwest, attributed to winds blowing down to the coast from the Hunter Valley region. Both meteorological data sets show similar overall wind speeds, and distribution. Both wind pattern data are common for the Hunter Valley region.

Table 30 Annual Wind Rose Comparison 2015

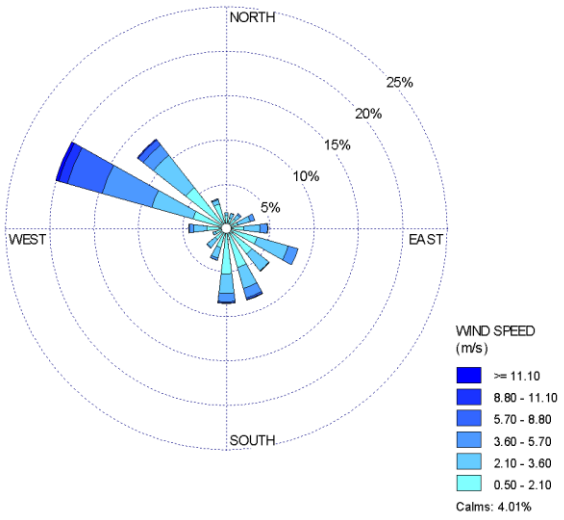
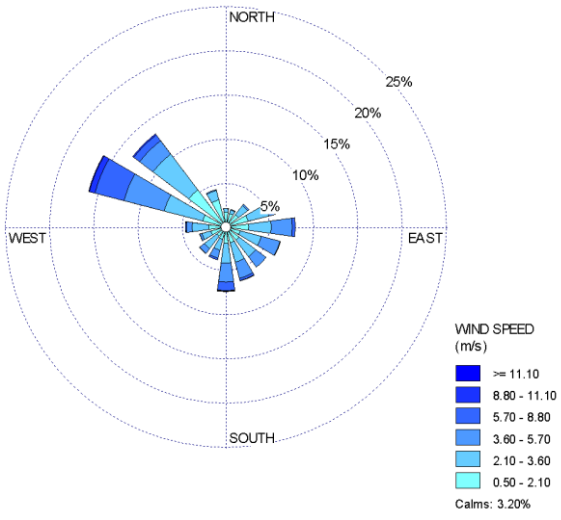
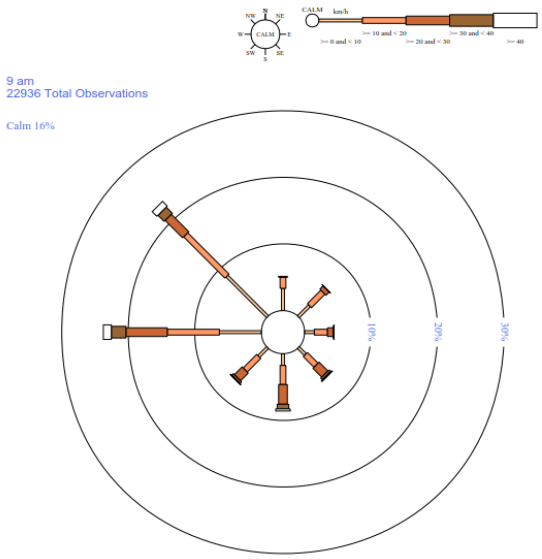
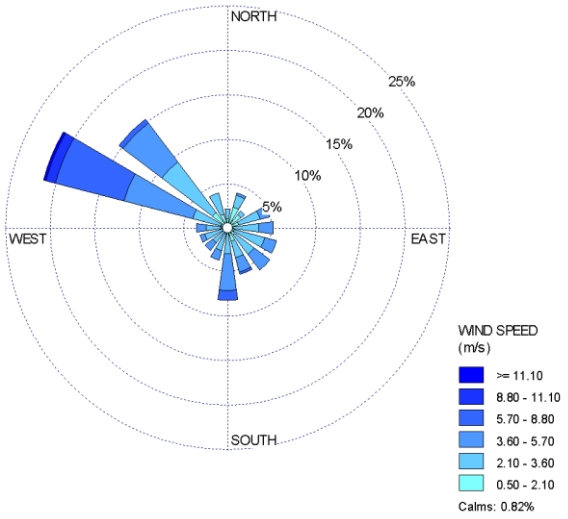
OEH Beresfield	CALMET Regain
	

Table 31 9am and 3pm Wind Rose Comparison CALMET Regain 2015 to Long Term BOM Williamtown

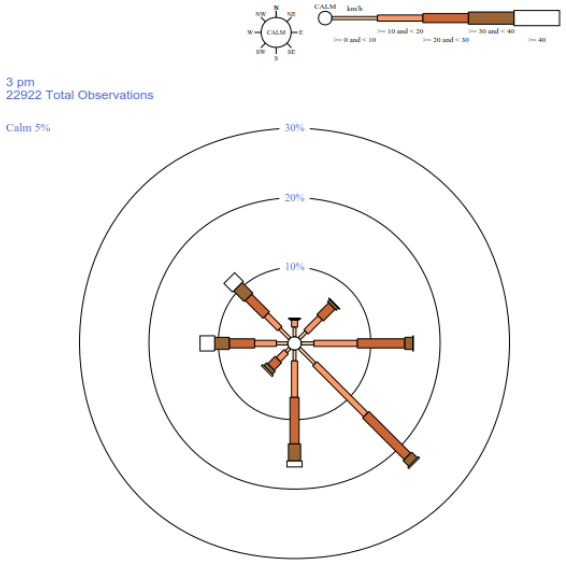
9am Wind Rose

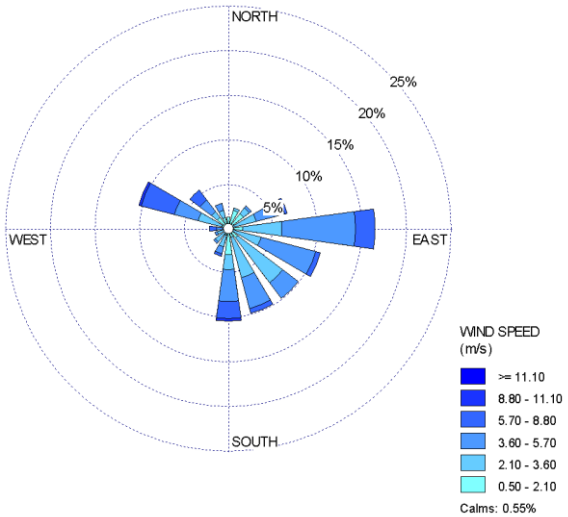




BoM Williamtown | CALMET Regain

3pm Wind Rose



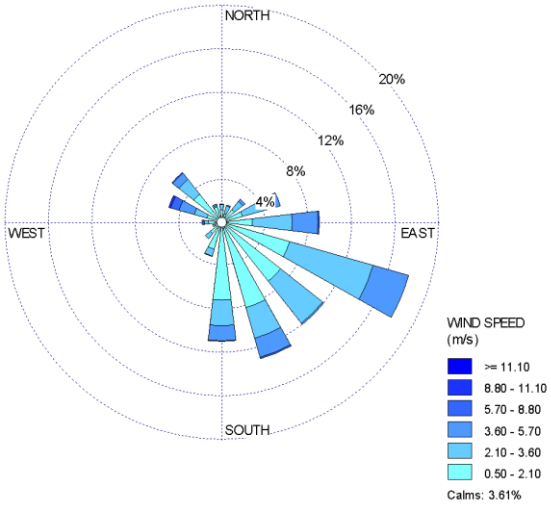
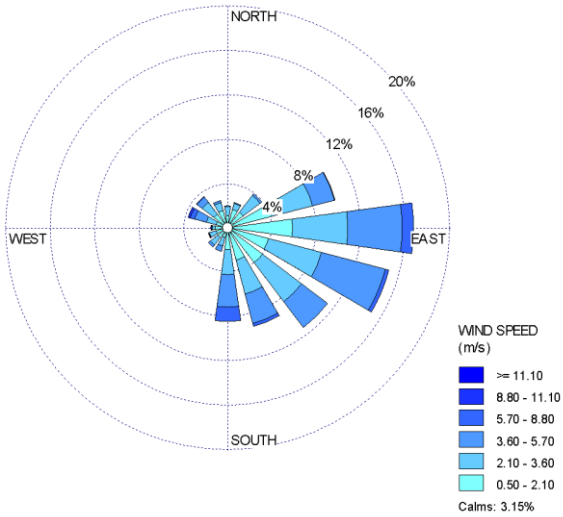
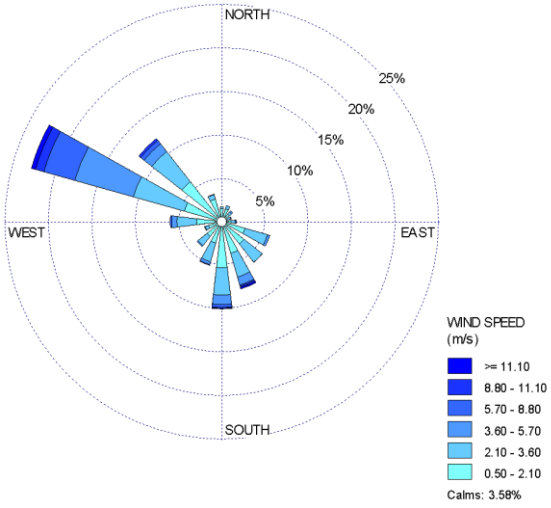
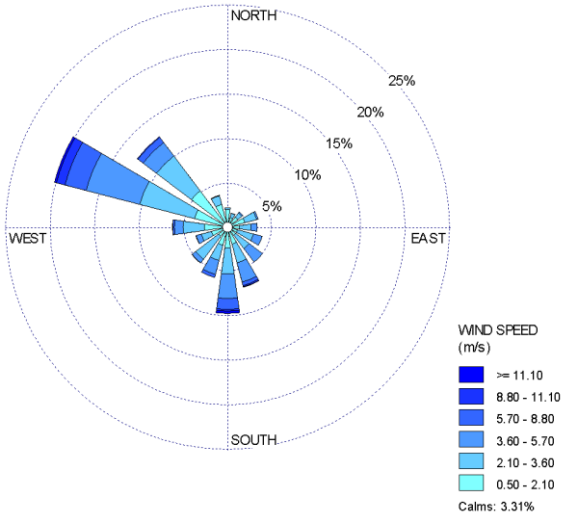


BoM Williamtown | CALMET Regain

*Note – The BoM data is presented in km/hr, however WRPLOT View can only present data in m/s

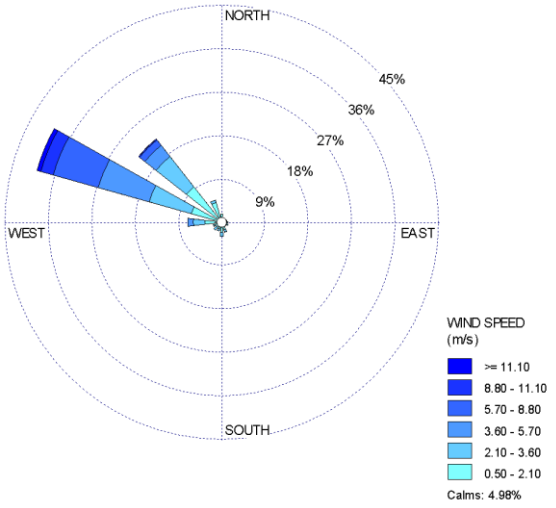
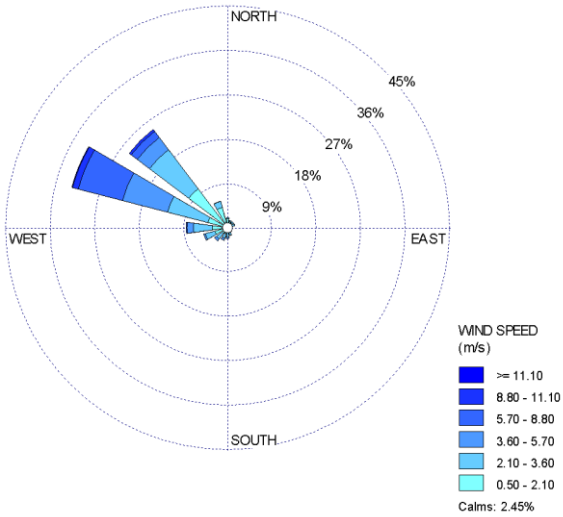
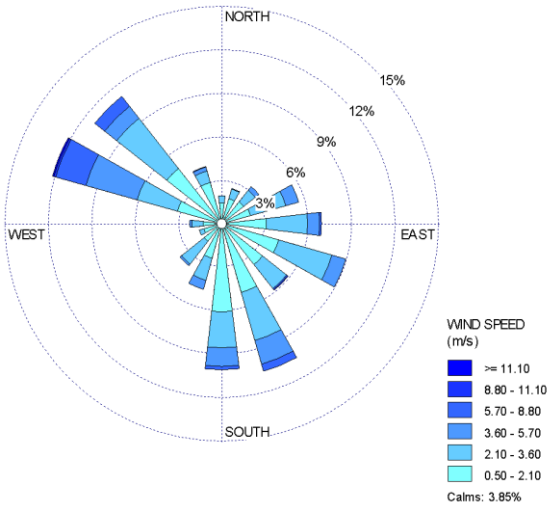
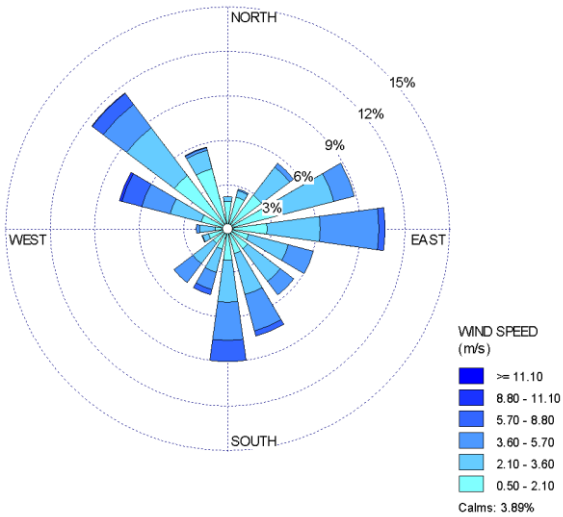
The Bureau of Meteorology (BoM) Williamtown meteorological station was used for the long term wind rose comparison, as it is the closest local station to the site with the available long term data. The 9am and 3pm wind roses presented in **Table 31** show a good general correlation. The 9am data for both have strong Northwest portions, although BoM Williamtown has a greater proportion of winds from the west as CALMET Regain is more affected by the expected north westerly winds blowing down the valley towards the site. For the 3pm data both locations have consistent wind directions, with a high easterly portion attributed to the sea breeze blowing from offshore in the afternoon.

Table 32 Summer and Autumn Wind Rose Comparison 2015

Summer Wind Rose	
	
OEH Beresfield	CALMET Regain
Autumn Wind Rose	
	
OEH Beresfield	CALMET Regain

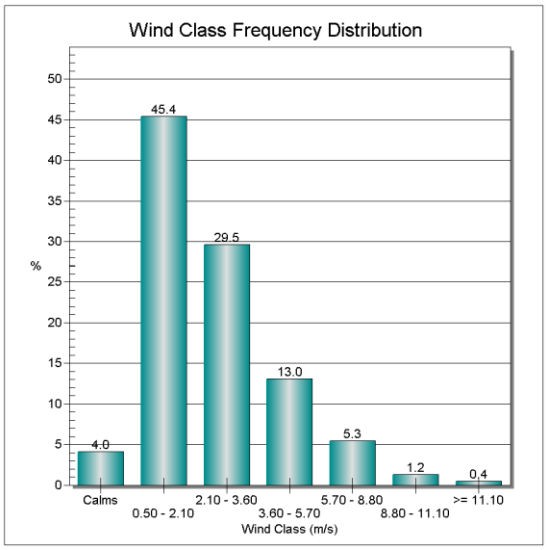
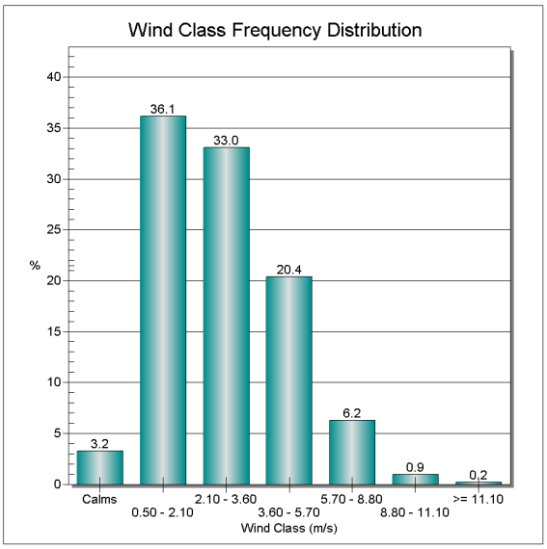
The summer and autumn data in **Table 32** show similar wind direction patterns, as would be expected for two sites being located within similar terrain, and around 5km of each other. In the summer both datasets show a higher proportion of winds from the east, with the winds in Autumn generally blowing from the northwest.

Table 33 Winter and Spring wind rose comparison 2015

Winter Wind Roses	
	
OEH Beresfield	CALMET Regain
Spring Wind Roses	
	
OEH Beresfield	CALMET Regain

The winter and spring data in **Table 33** show similar wind direction patterns. In the winter, both datasets show a high percentage of winds originating from the northwest, whereas in the spring, both datasets show more even wind distribution, with a tendency of winds blowing from the northwest and southeast quadrants.

Table 34 Wind Speed Frequency Distributions Comparison 2015

Wind Class Frequency	
	
OEH Beresfield	CALMET Regain

The wind speed frequencies presented in **Table 34** show very similar trends between the two datasets, with the winds being predominantly light to moderate in nature. The OEH Beresfield data shows a higher percentage of light winds and lower moderate winds compared to the CALMET Regain data, however this is expected due to that surface station being located 5.7km further inland from the more coastal CALMET Regain site.

Example wind fields were selected based on an hour of day when stable atmospheric conditions (class F) dominated and were selected to represent the middle of each season. This period was examined as it represents the period when worst case dispersion is likely to occur and when it is critical that the wind fields be performing well. The selected wind fields are shown in **Table 35** and **Table 36**.

Table 35 Selected 2015 Wind Fields for the Regain CALMET Modelling Domain

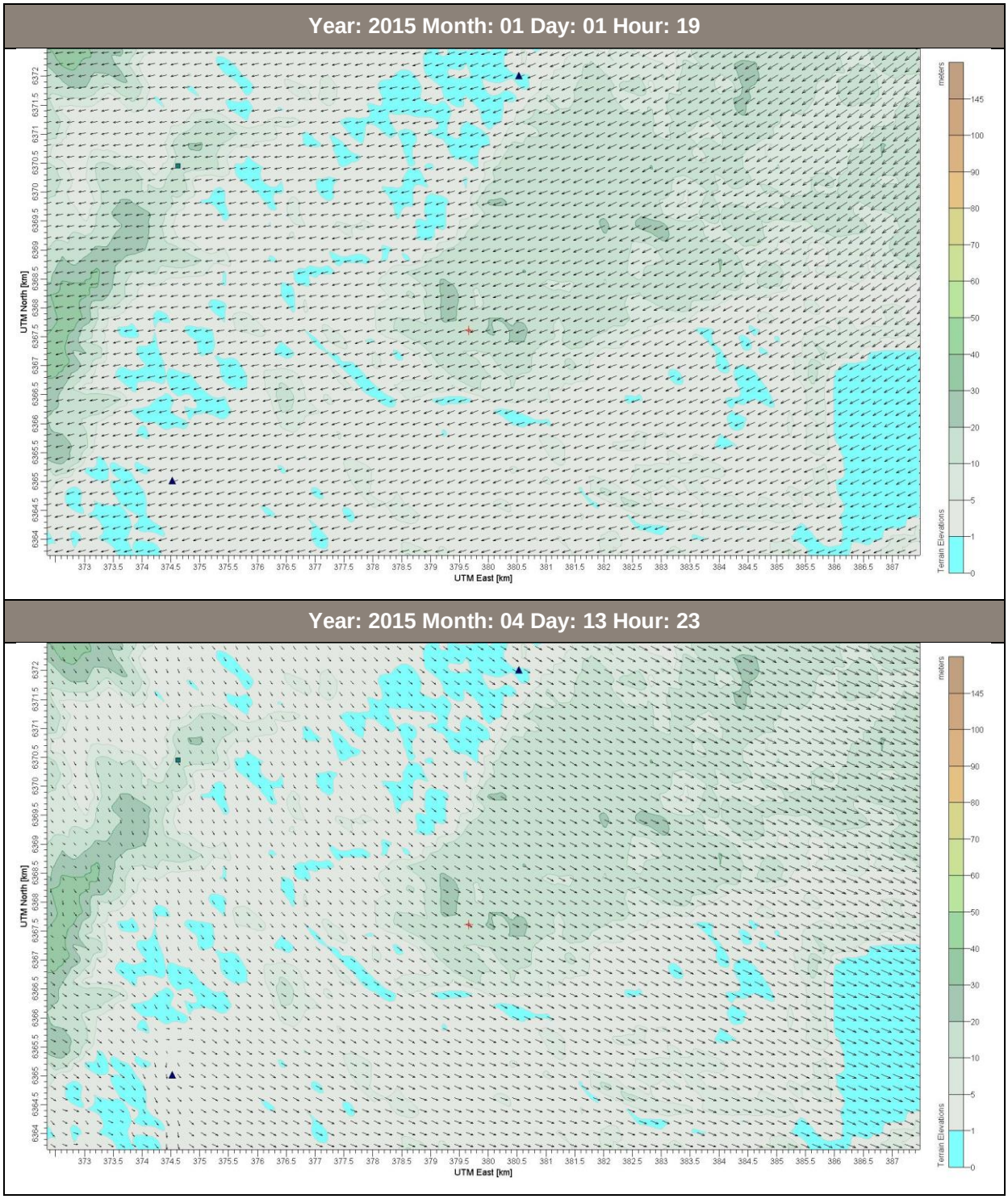
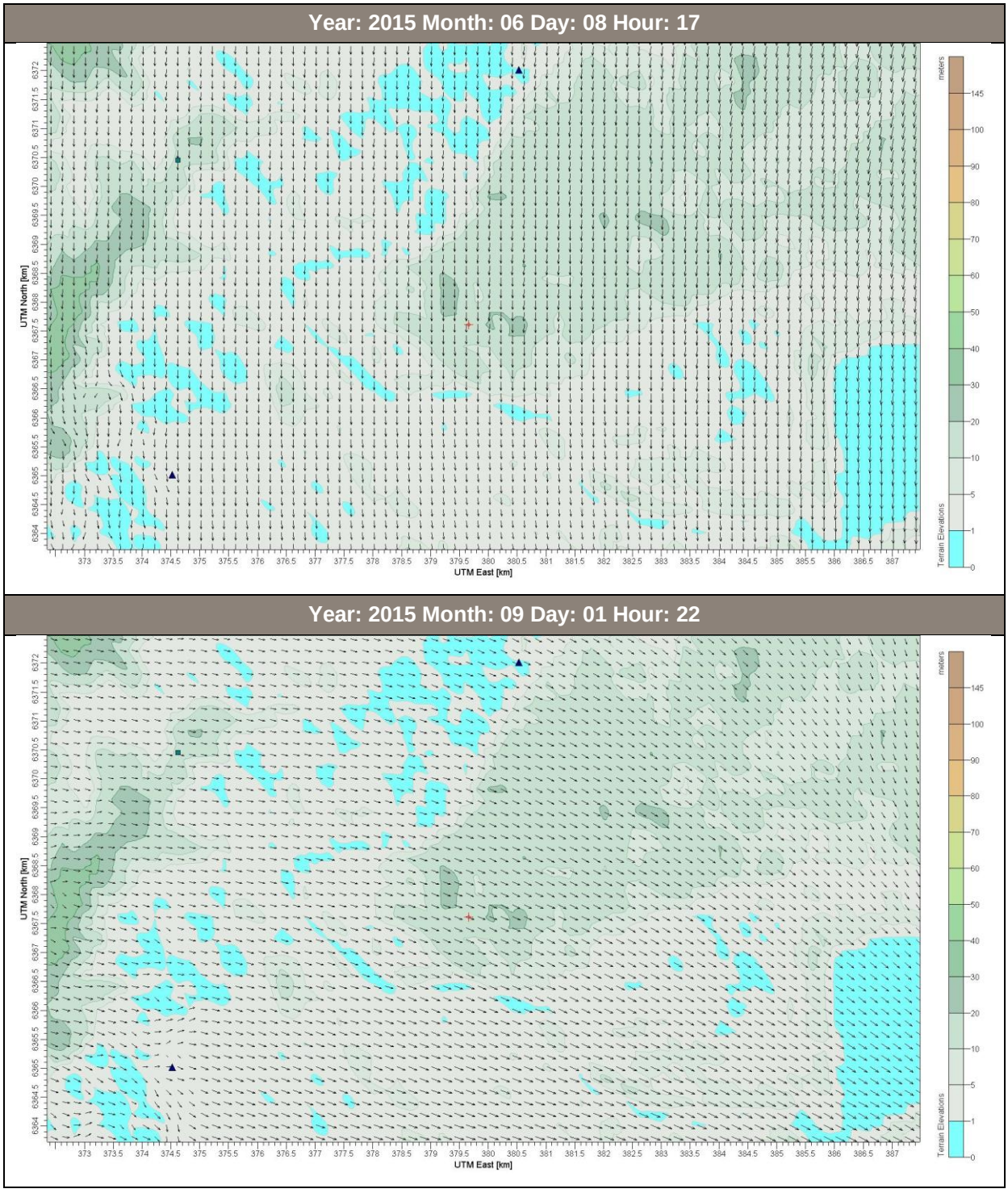


Table 36 Selected 2015 Wind Fields for the Regain CALMET Modelling Domain



Temperature

Temperature data is estimated within the CALMET program for each hour of the meteorological data set. A comparison of the temperature data between the OEH Beresfield and the CALMET Regain predicted temperatures for the assessed 12 month period is shown in **Figure 12**. A comparison of the temperature vs. hour of day for CALMET Regain is presented in **Figure 13.** The results are consistent with expected patterns for the Hunter region.

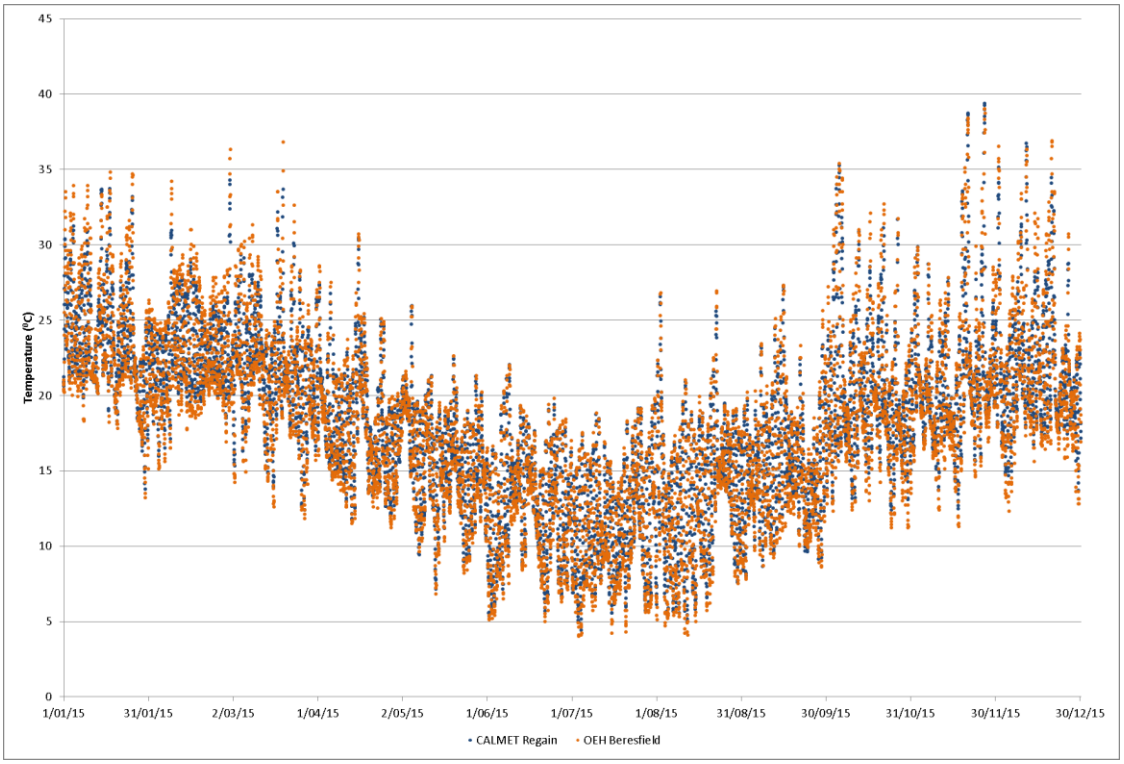


Figure 12 Temperature data for the CALMET Regain and OEH Beresfield 2015

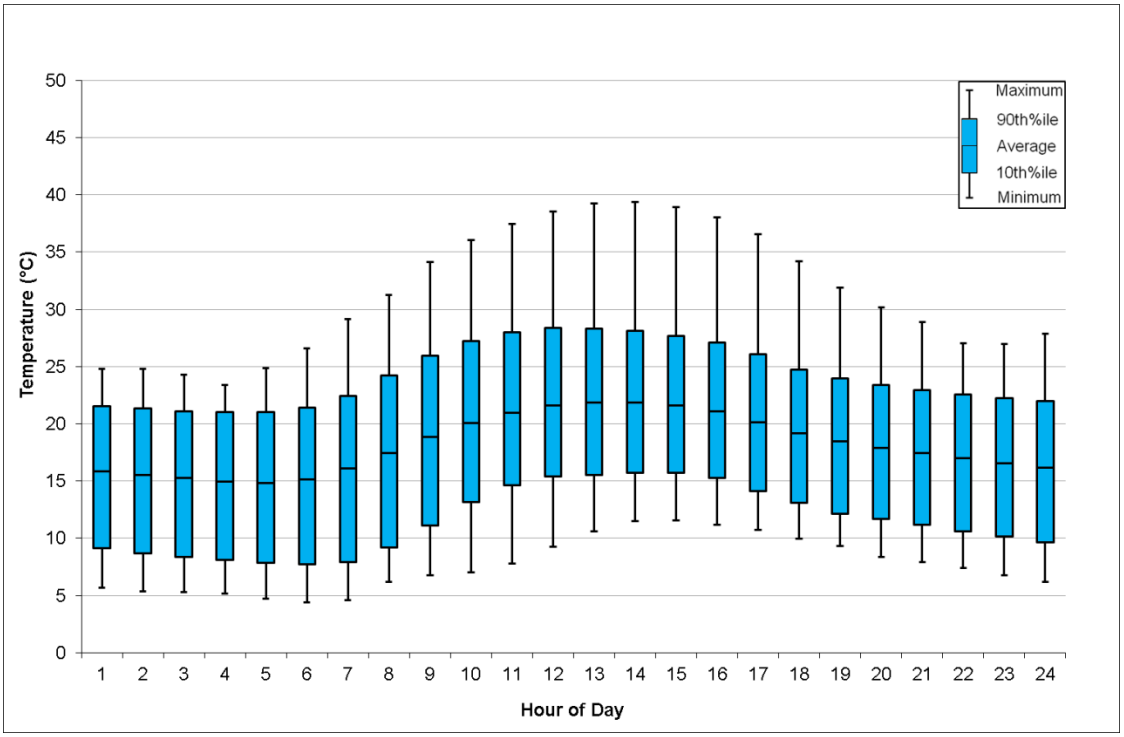


Figure 13 Box & Whisker plot of Temperature data for the CALMET Regain 2015

Mixing Height

Mixing height is estimated within CALMET for stable and convective conditions (respectively), with a minimum mixing height of 50 m. **Figure 14** presents mixing height statistics by hour of day across the meteorological dataset, as generated by CALMET at Regain. These results are consistent with general atmospheric processes that show increased vertical mixing with the progression of the day, as well as lower mixing heights during night time. In addition, peak mixing heights are consistent with typical ranges.

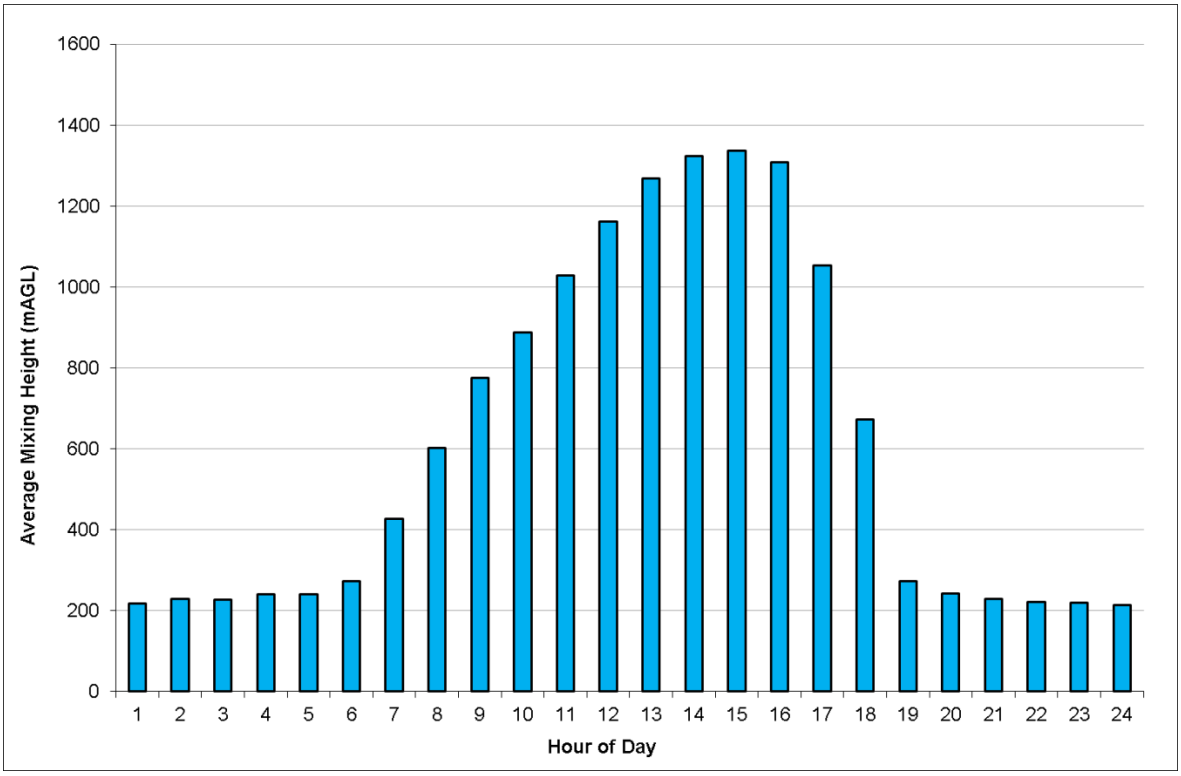


Figure 14 Mixing Height Statistics by Hour of Day for CALMET Regain 2015

Atmospheric Stability

Stability class is used as an indicator of atmospheric turbulence for use in meteorological models. The class of atmospheric stability generally used in these types of assessments is based on the Pasquill-Gifford-Turner (PG) scheme where six categories are used (A to F) which represent atmospheric stability from extremely unstable to moderately stable conditions respectively. The stability class of the atmosphere is based on three main characteristics, these being:

- Static stability (vertical temperature profile/structure)
- Convective turbulence (caused by radiative heating of the ground)
- Mechanical turbulence (caused by surface roughness).

Whilst CALPUFF centrally uses Monin-Obukhov (MO) similarity theory to characterise the stability of the surface layer, conversions are made within the model to calculate the PG class based on Golders method (Golder 1972[6]) as a function of both MO length and surface roughness height. The PG Stability class frequencies for the CALMET Regain data are provided in **Table 37**.

[6] Golder, D. 1972, "Relations among stability parameters in the surface layer", Boundary Layer Meteorology, 3, 47-58

Table 37 Stability Class Frequency for CALMET Regain 2015

Stability Class	Frequency CALMET Regain
A (Extremely Unstable)	2%
B (Moderately Unstable)	15%
C (Slightly Unstable)	21%
D (Neutral)	14%
E (Slightly Stable)	6%
F (Moderately Stable)	42%

Figure 15 and **Table 38** present an analysis of stability class frequency against wind speed at CALMET Regain and confirm a typical distribution.

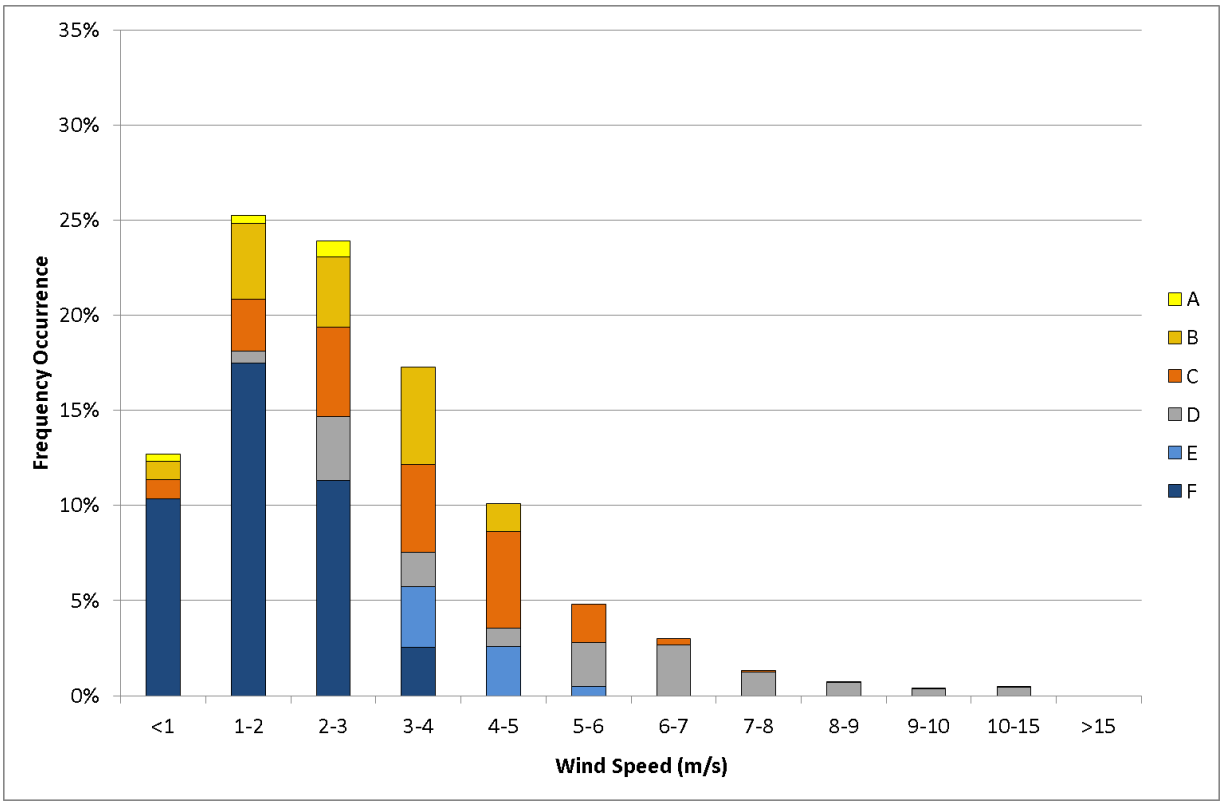


Figure 15 Stability Class Frequency by Wind Speed CALMET Regain 2015

Table 38 Stability Class Frequency by Wind Speed CALMET Regain 2015

Stability Class	Frequency by Wind Speed (m/s)												
	<1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-15	>15	All
A	34	37	75	0	0	0	0	0	0	0	0	0	146
B	85	349	321	450	128	0	0	0	0	0	0	0	1333
C	88	240	413	402	445	177	32	8	2	3	3	0	1813
D	0	55	295	160	84	200	232	109	62	32	38	0	1267
E	0	0	0	281	228	43	0	0	0	0	0	0	552
F	907	1530	990	221	0	0	0	0	0	0	0	0	3648
TOTAL	**1114**	**2211**	**2094**	**1514**	**885**	**420**	**264**	**117**	**64**	**35**	**41**	**0**	**8759**

Figure 16 presents an analysis of stability class at CALMET Regain by hour of the day and confirms a typical distribution.

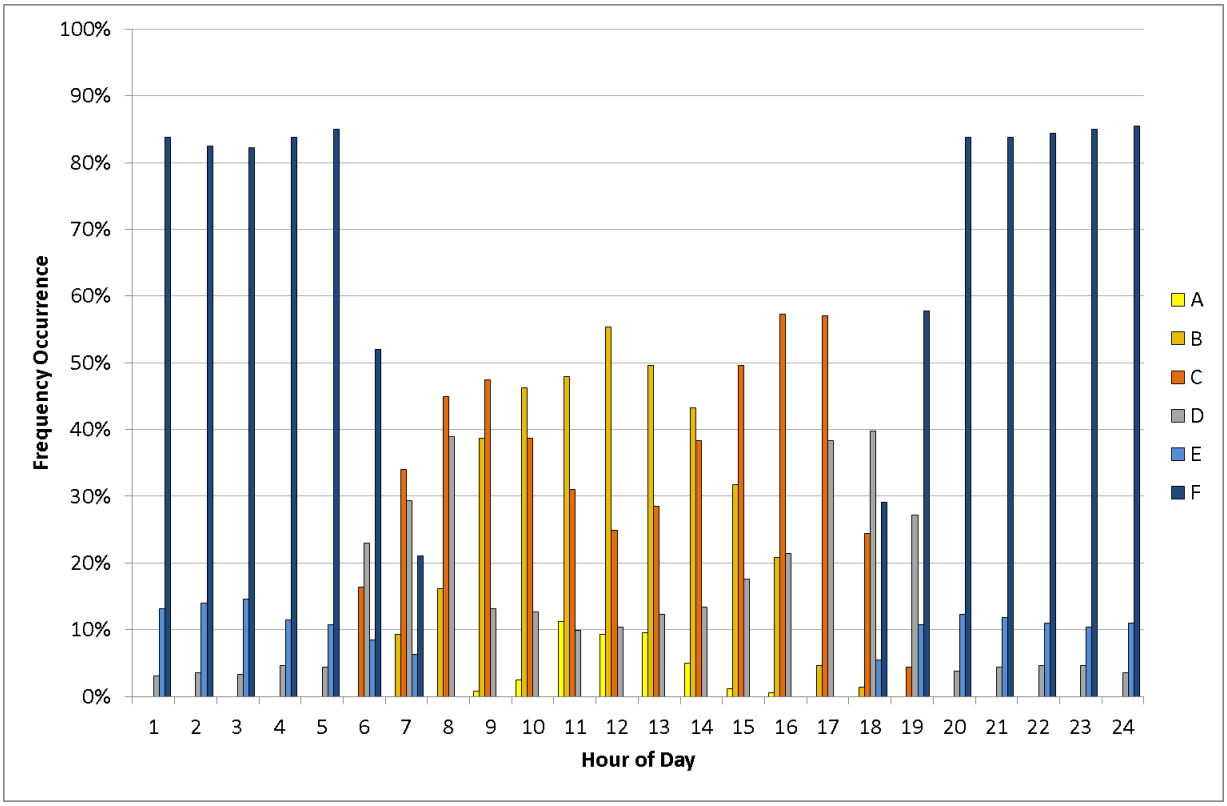


Figure 16 Stability Class by Hour of Day CALMET Regain 2015

Conclusion

A 12 month meteorological dataset has been prepared for the Regain facility using a combination of local observations and prognostic modelling. Data has been evaluated using hourly observation data. The findings of the data analysis show that the CALMET model is performing well. The predicted meteorology is considered to be fit for purpose and acceptable for use in modelling of emissions from the Regain site.

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Appendix C

Tomago Aluminium - 2015 Ambient Fluoride Results

Appendix C Tomago Aluminium - 2015 Ambient Fluoride Results

The 7-day average ambient fluoride results from the Tomago Aluminium EPL Point 21 monitoring location is provided in **Table 39**.

Table 39 EPL Point 21 (Site #84) - Ambient (7-day Average) Fluoride Monitoring Results, 2015

Date	Particulate Fluoride ($\mu g/m^3$)	Gaseous Fluoride ($\mu g/m^3$)	Total Fluoride ($\mu g/m^3$)
6-Jan	0.12	0.55	0.67
13-Jan	0.02	0.54	0.56
20-Jan	0.11	0.56	0.67
27-Jan	0.18	0.71	0.89
3-Feb	0.12	0.28	0.40
10-Feb	0.05	0.18	0.23
17-Feb	0.32	0.72	1.04
24-Feb	0.18	1.00	1.18
3-Mar	0.06	0.25	0.31
10-Mar	0.12	0.48	0.60
17-Mar	0.06	0.14	0.20
24-Mar	0.05	0.20	0.25
31-Mar	0.15	0.16	0.31
7-Apr	0.05	0.40	0.45
14-Apr	0.01	0.07	0.08
21-Apr	0.09	0.31	0.40
28-Apr	N/A	N/A	N/A
05-May	0.20	0.48	0.68
12-May	0.03	0.02	0.05
19-May	0.03	0.08	0.11
26-May	0.02	0.06	0.08
2-Jun	0.03	0.07	0.10
9-Jun	0.02	0.05	0.07
16-Jun	0.05	0.11	0.16
23-Jun	0.01	0.07	0.08
30-Jun	0.04	0.06	0.10
7-Jul	0.03	0.03	0.06
14-Jul	0.03	0.13	0.16
21-Jul	0.04	0.05	0.09
28-Jul	0.02	0.06	0.08
4-Aug	0.03	0.03	0.06
11-Aug	0.04	0.04	0.08
18-Aug	0.04	0.06	0.10
25-Aug	0.05	0.23	0.28
1-Sep	0.02	0.06	0.08
8-Sep	0.05	0.24	0.29
15-Sep	0.1	0.17	0.27

Date	Particulate Fluoride ($\mu g/m^3$)	Gaseous Fluoride ($\mu g/m^3$)	Total Fluoride ($\mu g/m^3$)
22-Sep	0.04	0.2	0.24
29-Sep	0.02	0.19	0.21
6-Oct	0.04	0.19	0.23
13-Oct	0.09	0.3	0.39
20-Oct	0.17	0.54	0.71
27-Oct	0.05	0.23	0.28
3-Nov	0.11	0.33	0.44
10-Nov	0.1	0.82	0.92
17-Nov	0.06	0.41	0.47
24-Nov	0.11	0.3	0.41
1-Dec	0.3	0.58	0.88
8-Dec	0.43	0.55	0.98
15-Dec	0.21	0.53	0.74
22-Dec	0.18	0.54	0.72
29-Dec	N/A	N/A	N/A
		NSW EPA GLC Criteria	1.7

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Appendix D

Stack Emissions Testing Results Summary

Appendix D Stack Emissions Testing Results Summary

A summary of the Regain Tomago Rotary Kiln, Regain Hydro Ball Mill, Regain Point Henry Rotary Kiln and the Tomago Aluminium Deline Shed D Duct stack parameters data are provided in **Table 40** - **Table 44** respectively.

Table 40 Regain Tomago Rotary Kiln Stack Parameters Summary

Parameter	2014				2015				2016		Average
Flow (Am^3/s)	6.4	8.6	8.03	8.3	8.8	8.7	7.9	8.5	8.9	9.4	**8.4**
Temperature (^0C)	77.8	78.9	80.3	71.7	77.5	76.5	85.4	82.2	83.1	83.5	**79.7**

Table 41 Regain Hydro Ball Mill Stack Testing Results Summary

Parameter	2014				2015				Average
Flow (Am^3/s)	2.1	2	2.1	2	2.4	1.8	2.8	2.2	**2.2**
Temperature (^0C)	38	40.5	40.2	27	19.3	39	20	37.5	**32.7**

Table 42 Regain Hydro Dryer Stack Testing Results Summary

Parameter	2014				2015				Average
Flow (Am^3/s)	13	7.3	7	6.5	6.4	6.7	5.8	4.2	**7.1**
Temperature (^0C)	65	56	60.5	40	42.5	50.5	51.5	37.5	**50.4**

Table 43 Regain Point Henry Kiln Testing Results Summary

Parameter	2017					Average
Flow (Am^3/s)	14	13	11	14	13	**13**
Temperature (^0C)	90	84.5	78.5	90	90	**86.6**

Table 44 Tomago Aluminium Deline Shed D Duct Stack Testing Results Summary

Parameter	2014	2015	2016	Average
Flow (Am^3/s)	23	23	20	**22.0**
Temperature (^0C)	24	24.8	28.5	**25.8**

Appendix E

Preliminary Hazard Assessment (SKM, 2007)

Appendix E Preliminary Hazard Assessment (SKM, 2007)

Regain Services Pty Ltd
Spent Potline Processing Facility
Tomago, NSW
Preliminary Hazard Analysis

- ND00061–RPTFinal(Rev0)-3Oct07
- 3 October 2007

Regain Services Pty Ltd
Spent Potline Processing Facility
Tomago, NSW
Preliminary Hazard Analysis

- ND00061–RPTFinal(Rev0)-3Oct07
- 3 October 2007

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EXECUTIVE SUMMARY

Introduction and Scope

The Tomago Aluminium Company (TAC) operates the aluminium smelter at Tomago, NSW. Pots are used at the facility in which the aluminium oxide is smelted to produce the aluminium. The pots are lined with an insulating material that is replaced from time to time. The removed potlining (spent potlining or SPL) is reprocessed to recover valuable minerals from the material. An SPL processing facility currently operates at the TAC site. TAC and Regain Services (Regain) propose to expand this plant to enable the reprocessing of stockpiled SPL and the ongoing generation of SPL from the smelter and from other smelters in the Hunter Valley (e.g. Kurri Kurri).

An Environmental Assessment (EA), incorporating a Preliminary Hazard Analysis (PHA), is required to support a Development Application (DA) as part of the SPL processing plant upgrade. Sinclair Knight Merz has been commissioned to prepare the PHA and report on the findings of the study for inclusion in the EA. The scope of work is to conduct a PHA in accordance with HIPAP No.6 to demonstrate that the facility is potentially hazardous and not hazardous in accordance with the SEPP 33 and land use safety planning requirements. The designation of a facility as hazardous or potentially hazardous relates to the risks posed to the surrounding community. A facility that exceeds the risk criteria published by the Department Planning (DoP) is designated as hazardous, a facility that is under the risk criteria published by DoP is designated as potentially hazardous.

Methodology

The methodology selected for the study was that prescribed in the Department of Planning (DoP) Multi-Level Risk Assessment approach (Ref.3) for a level 2 analysis. This involved the semi-quantitative assessment of the hazards and risks associated with the operation of the upgraded SPL facility at the TAC site.

Brief Description of the Proposed Facility

The site is located in an industrial area zoned 4a in the Port Stephens Council Local Environmental Plan. Pots will be brought to the SPL processing facility and the linings removed inside the delining building. The SPL will then be crushed, sized, ground and stored ready for processing. The prepared SPL will then be fed to a rotary kiln that would detoxify the SPL through a process of high temperature thermal oxidation. Once oxidised, the treated SPL would be passed to a water mixer for the controlled addition of water and the generation of potentially hazardous gases (primarily ammonia, hydrogen, methane and acetylene). The gases produced would be fed back into the kiln as fuel and thermally destroyed. Once the material has been process, it will be blended, dried and stored for ready for transport offsite.

The SPL processing and product storage facilities would be fully sealed, including covered conveyors and sealed atmospheric storage bins. Ductwork would be installed throughout the process plant system and connected to dust generating areas such as mills, crushers, conveyors, storage bins and the kiln/dryer. The dust extraction systems would maintain a negative pressure within the process system and buildings, preventing the escape of fugitive dust.

Dust would be collected via the baghouse dust collectors, which would be fitted with alarm systems to immediately shut down plant operations in the event of baghouse failure (i.e. bag failure and breakthrough). Visual and audible alarms would sound within the plant buildings and status indicated on the plant control system monitoring display. Collected particulate matter would be fed back through the production cycle.

The dust extraction systems would draw air from within each building at the roof ridgeline, and pass it through dust filter/baghouse facilities. The air discharge from each baghouse would be directed to atmosphere via stacks. The solid discharge from each baghouse would be collected and fed to the products blending hopper.

Hazard Identification and Assessment

A hazard identification table was developed (see **Appendix A**) to identify hazards and safeguards associated with the operation of the SPL facility. SPL contains a number of hazardous materials (mainly in minor quantities and trace elements) including sulphides, carbides, nitrides, fluorides and cyanides. Direct contact with these materials may result in irritation and health impacts to personnel involved with the storage and handling of the SPL. Mixing of untreated SPL with water may result in the generation of toxic and flammable gas. Hence, the hazard analysis has focused in the potential for personnel to contact of SPL materials and the ingress of water into storage areas. A summary of hazardous scenarios and proposed safeguards is discussed below.

- **Dust Generation in Buildings** – the generation of SPL dust occurs inside the buildings associated with the storage and handling of SPL. All buildings at the proposed upgraded facility will be fitted with dust control equipment, including baghouses for the control of dust prior to discharge of the extracted air stream to atmosphere via stacks. Baghouses will be fitted with differential pressure instruments to identify bag failures that will initiate plant operations shut down. All personnel working inside buildings will be located inside operating equipment cabins fitted with air conditioning to prevent contact between personnel and SPL. Appropriate PPE (respirators, helmets, gloves, etc.) will be worn by operators moving through the facility. Hence, it is considered that adequate protection is provided for personnel and potential SPL dust release beyond the site confines. Notwithstanding this, an effective

Safety Management System will be required to ensure equipment operates successfully at all times.

- **Rain & Water Leaks into the SPL Building(s)** – in the event of water contact with the SPL there is a potential for toxic and flammable gas generation. Water may leak into the building from holes in the roofing or walls. An analysis of the quantity of water required to generate hazardous quantities of gases revealed that a water requirement of over 680kg is required for hazardous levels of toxic gas generation and over 8 tonnes for flammable gas, above LEL. It would not be possible for this amount of water to enter the shed through small holes in the roof or walls. Hence, there is no potential for toxic/flammable gas generation from leaks in the roof or walls.
- **Carrying of Water into Sheds on Trucks** – Trucks entering the SPL sheds during rain periods could carry water into the sheds which could contact the stored SPL. This could lead to the generation of toxic/flammable gas. However, as noted above, it would require around 680kg of water to generate hazardous levels of toxic gas and over 8 tonnes of water to generate quantities of flammable gas such that an explosive mixture was present in the building. It would not be possible to carry these quantities of water into the building on trucks that were passing through rain. Hence, there is no potential for toxic/flammable gas generation from leaks in the roof or walls.
- **Kiln Failure –** in the event of a flame failure (i.e. flameout) gas may build up in the kiln and, if ignited, could result in explosion. However, the kiln burner is fitted with a flame detector that will immediately isolate gas supply, preventing potential gas build up in the kiln. In the event of temperature excursions, above or below the optimum operating range (750-800^{o}C), there is a potential for failure to destroy contaminants or to generate hydrogen fluoride (HF). To minimise this risk, the kiln is fitted with a number of redundant temperature probes that will be monitored by a computer control system. In the event of any loss of temperature control the kiln will be shut down and feed ceased. This will eliminate the potential for continued release of contaminants from the kiln.
- **Hydro-Mixer Failure** – the hydro mixer adds water to the treated SPL stream to react the carbides in the SPL. This produces ammonia/acetylene and methane gas, which is fed back to the kiln for burning. In the event of an induction (ID) fan failure, the gas could accumulate in the mixer, resulting in release and/or ignition/explosion in the mixer. However, in the event of ID fan failure, the kiln operation will be shut down and no further processing of SPL will occur. Any gas build up in the mixer will immediately burn as the mixer would be operating in a temperature range of about 500^{o}C, well above auto-ignition temperature of the gases (i.e. ignition without an ignition source). Further, as noted above, it would require many tonnes of water addition to generate gases that would mix with air resulting in an explosive mixture within the building. Once the mixer was shut down, this would not be possible as SPL feed would be

stopped, eliminating the gas generating source. Hence, the protection systems provided for this area of the plant are adequate to and the risk of gas release at hazardous quantities is negligible.

Conclusions and Recommendations

It is concluded that the hazards and risks associated with the operation of the proposed SPL plant upgrade are all adequately controlled by the existing and proposed safeguards at the plant. However, notwithstanding this, it will be necessary to ensure operating equipment is adequately inspected and tested on a regular basis. Hence, the following recommendations are made:

1. The management of the operations at the SPL facility will require the implementation of systems such as permit to work, equipment/electrical isolation, maintenance/operational procedures, etc. These are all elements of a Safety Management System (SMS). It is therefore recommended that an SMS be developed for the SPL plant to include elements of the operations, maintenance and management of the facility. The guidelines issued by the Department of Planning in Hazardous Industry Planning Advisory Paper No.9, “Guidelines for Safety Management Systems” (Ref.9) should be used in the development of SMS for the facility.

2. The calibration of temperature monitoring and control equipment in the kiln is critical in maintaining effective temperature control. It is therefore recommended that a kiln temperature monitoring and calibration procedure be developed and implemented to ensure the temperature control system is operated using correct data and information, this should also include periodic testing of the alarms throughout the plant. This procedure should be part of the plant Safety Management System.

3. It is critical that in the event of ID fan failure, the water supply to the SPL/Water mixer is isolated to prevent continued water addition and hazardous gas generation. It is therefore recommended that an interlock be fitted to the water supply system and ID fan such that in the event the ID fan stops for any reason, the water supply to the mixer is isolated.

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ABBREVIATION

Abbreviation	Description
Al	Aluminium
Al_4C_3	Aluminium Carbide
AlN	Aluminium Nitride
AS	Australian Standard
CCTV	Closed Circuit Television
CN	Cyanide
Cu	Copper
DoP	Department of Planning
dP	differential pressure
EA	Environmental Assessment
F	Fluoride
FEL	Front End Loader
HF	Hydrogen Fluoride
HIPAP	Hazardous Industry Planning Advisory Paper
ID	Induction
kg	kilograms
Lc_{50}	Level of toxic gas at which 50% fatalities will occur
LEL	Lower Explosive Limit
LEP	Local Environmental Plan
MSDS	Materials Safety Data Sheet
NB	Note Well
NH_3	Ammonia
Pb	Lead
PHA	Preliminary Hazard Analysis
ppm	parts per million
QRA	Quantitative Risk Assessment
SEPP	State Environmental Planning Policy
SMS	Safety Management System
SPL	Spent Potlining
TAC	Tomago Aluminium Company
Zn	Zinc

1. INTRODUCTION

1.1 Background

The Tomago Aluminium Company (TAC) operates the aluminium smelter at Tomago, NSW. The plant processes alumina in pots using high electric current to produce aluminium. The pots are lined with an insulating material (pot lining) to protect the steel casing of the pot from the high aluminium smelting temperature. As part of the ongoing maintenance of the pots, the pot lining is regularly replaced and the spent materials (spent pot lining – SPL) are currently processed on site by Regain Services Pty Ltd (Regain), in an SPL processing facility in the western part of the site.

The SPL processing facility at the TAC site extracts the valuable minerals from the material. The current scale of reprocessing is 12,000 tonnes per annum. It is proposed to expand this plant to enable the reprocessing of stockpiled SPL and the ongoing generation of SPL from the smelter, and to process SPL from other smelters in the Hunter Valley (e.g. Kurri Kurri).

As part of the Development Application (DA) process, the local regulatory authority (Port Stephens Council) requires an Environmental Assessment (EA) to be prepared. A review of State Environmental Planning Policy (SEPP) No.33 (Ref.1), conducted for the EA, identified that it was necessary to conduct a Preliminary Hazard Analysis (PHA). Hence, Sinclair Knight Merz was commissioned to prepare the PHA and report on the findings of the study for inclusion in the EA.

This report details the PHA objectives, scope of work, methodology, results, conclusions and recommendations.

1.2 Objectives

The objectives of the study are to:

- Prepare a Preliminary Hazard Analysis (PHA) for the proposed Regain SPL Processing facility expansion, at the Tomago Aluminium Smelter, in accordance with Hazardous Industry Planning Advisory Paper (HIPAP) No.6 – Hazard Analysis Guidelines (Ref.2); and
- provide a report on the results of the PHA study for inclusion in the EA.

1.3 Scope of Work

The scope of work is to conduct a PHA in accordance with HIPAP No.6 to demonstrate that the facility is potentially hazardous and not hazardous in accordance with the SEPP 33 and land use safety planning requirements. Noting that facilities designated to be

hazardous are not permitted in certain land zonings, however, facilities designated to be potentially hazardous are permitted in a wider range of land zonings. The designation of a facility as hazardous or potentially hazardous relates to the risks posed to the surrounding community. A facility that exceeds the risk criteria published by the Department Planning (DoP) is designated as hazardous, a facility that is under the risk criteria published by DoP is designated as potentially hazardous.

The PHA study scope covers all plant and facilities associated with the Regain SPL treatment process only. It does not include any plant and facilities associated with other process upgrades at the TAC smelter.

2. METHODOLOGY

2.1 Approach

DoP Multi Level Risk Assessment (Ref.3) approach was used for the PHA study of the proposed SPL processing facility at the TAC smelter, Tomago. The approach considered the development in context of its location, the quantity and type (i.e. hazardous nature) of hazardous and dangerous goods stored and used in the process, and its technical and safety management control. The Multi Level Risk Assessment Guidelines are intended to assist industry, consultants and the consent authorities to carry out and evaluate risk assessments at an appropriate level for the facility being studied.

The Multi Level Risk Assessment approach is summarised in **Figure 2.1**. There are three levels of assessment, depending on the outcome of preliminary screening. These are:

- **Level 1** – **Qualitative Analysis**, primarily based on the hazard identification techniques and qualitative risk assessment of consequences, frequency and risk;
- **Level 2** – **Partially Quantitative Analysis**, using hazard identification and the focused quantification of key potential offsite risks; and
- **Level 3** – **Quantitative Risk Analysis (QRA)**, based on the full detailed quantification of risks, consistent with HIPAP No.6 (Ref.2).

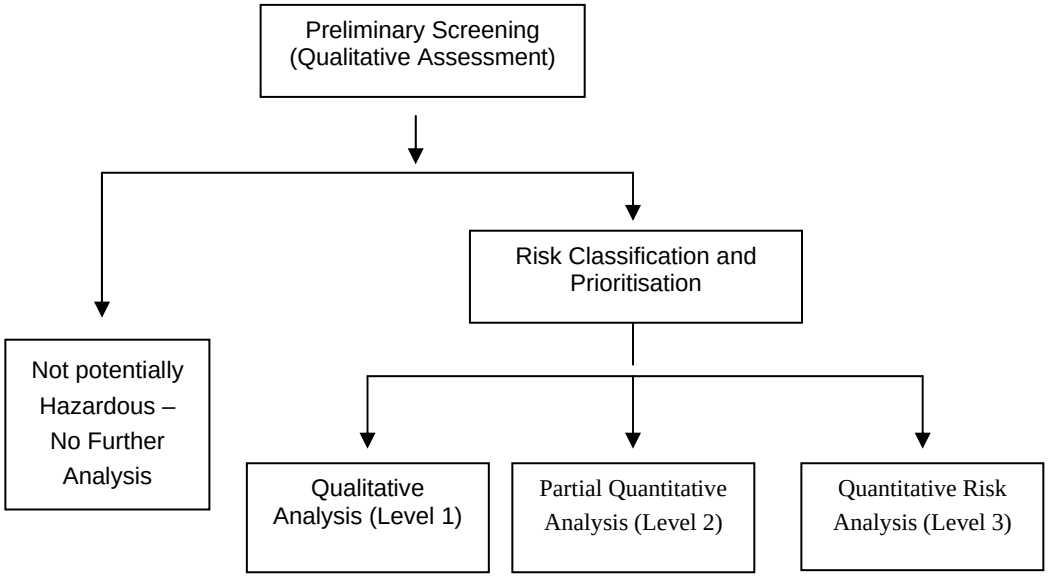

FIGURE 2.1
THE MULTI LEVEL RISK ASSESSMENT APPROACH

2.2 Selected Level of Study

The document "Applying SEPP 33" (Ref.4) guideline may also be used to assist in the selection of the appropriate level of assessment. This guideline states the following:

"It is considered that a qualitative PHA may be sufficient in the following circumstances:

- *where materials are relatively non-hazardous (for example corrosive substances and some classes of flammables);*
- *where the quantity of materials used are relatively small;*
- *where the technical and management safeguards are self-evident and readily implemented; and*
- *where the surrounding land uses are relatively non-sensitive.*

In these cases, it may be appropriate for a PHA to be relatively simple. Such a PHA should:

- *identify the types and quantities of all dangerous goods to be stored and used;*
- *describe the storage/processing activities that will involve these materials;*
- *identify accident scenarios and hazardous incidents that could occur (in some cases, it would also be appropriate to include consequence distances for hazardous events);*
- *consider surrounding land uses (identify any nearby uses of particular sensitivity); and*
- *identify safeguards that can be adopted (including technical, operational and organisational), and assess their adequacy (having regards to the above matters).*

A sound qualitative PHA which addresses the above matters could, for some proposals, provide the consent authority with sufficient information to form a judgement about the level of risk involved in a particular proposal".

Based on the above details a qualitative analysis has been performed as the SPL material is relatively non-hazardous and the surrounding land uses are relatively non-sensitive. Further, the proposed location of the SPL storage is well clear of the site boundary, the closest boundary to the proposed SPL storage is over 320m to the west, and the adjacent facilities are industrial in nature. The closest residential property is the caravan park 1000m m to the west of the TAC property (from the property boundary) and over 1,300m from the SPL facility.

2.3 Detailed Analysis Methodology

The detailed qualitative methodology was conducted as follows:

- **Hazard Identification Table** – a hazard identification table was developed to determine those hazards with the potential to impact offsite. The hazard identification table was also developed to determine the proposed safeguards associated with the facility and their effectiveness in managing the hazard.
- **Detailed Hazard Analysis** – each identified hazard was selected and assessed to determine the hazard consequence and frequency. In some cases, a numerical

consequence was developed to assist the determination of impact distance and offsite hazard severity (if any).

- **Risk Assessment** – as part of the hazard analysis, the combination of consequence and frequency was performed to assess the risk. Comments were made on each risk and the potential for impact to offsite land uses.
- **Conclusions and Recommendations** – conclusions were made for each assessed hazard and where required recommendations for risk reduction included in the report.

3. BRIEF DESCRIPTION OF THE PROPOSED SPL FACILITY

3.1 Land Zoning and Adjacent Facilities

The proposed SPL will be located within the boundary of the existing TAC smelter facility. The smelter lies within the Port Stephens local council precinct and is located in land currently zone 4a Industrial (General A). Under the current Port Stephens Local Environmental Plan (LEP), the smelter is permitted in this land zoning.

A scoping report was prepared by HAL Environsciences in September 2006 (Ref.10). This document has been used as the basis for the process description in this document. **Figure 3.1** shows the regional location of the site and **Figure 3.2** shows the proposed location of the SPL processing plant in relation to the TAC site layout and adjacent facilities. The TAC smelter is located north of the Hunter River and on the northern side of Tomago Road. The closest residential area is the caravan park is located on Tomago Road, adjacent to the Pacific Highway. The caravan park is located about 1300m from the TAC site boundary. The closest residence is located to the east, about 1700m from the proposed SPL building.

- **Facilities to the East** - The property to the east is currently an industrial estate occupied by various small industries associated with metal fabrication, welding and construction (located about 1100m from the SPL facility).
- **Facilities to the South** – Austchem is located adjacent to the TAC southern boundary (400m). The properties across Tomago Road, to the south, are mainly small industries, such as welding and metal fabrication works (550m). The Tomago Bowling Club is also located in this area (550m) as well as a periodic detention and correctional centre (800m).
- **Facilities to the West** - The property to the west is also an industrial estate. Properties directly west adjacent to the Tomago smelter site are Hunter Galvanisers (320m) and EIMCO Mining Equipment manufacturers (340m).
- **Facilities to the North** - The property to the north is currently occupied by the Newcastle Botanical Gardens (>2000m).

FIGURE 3.1
TAC SITE LOCATION

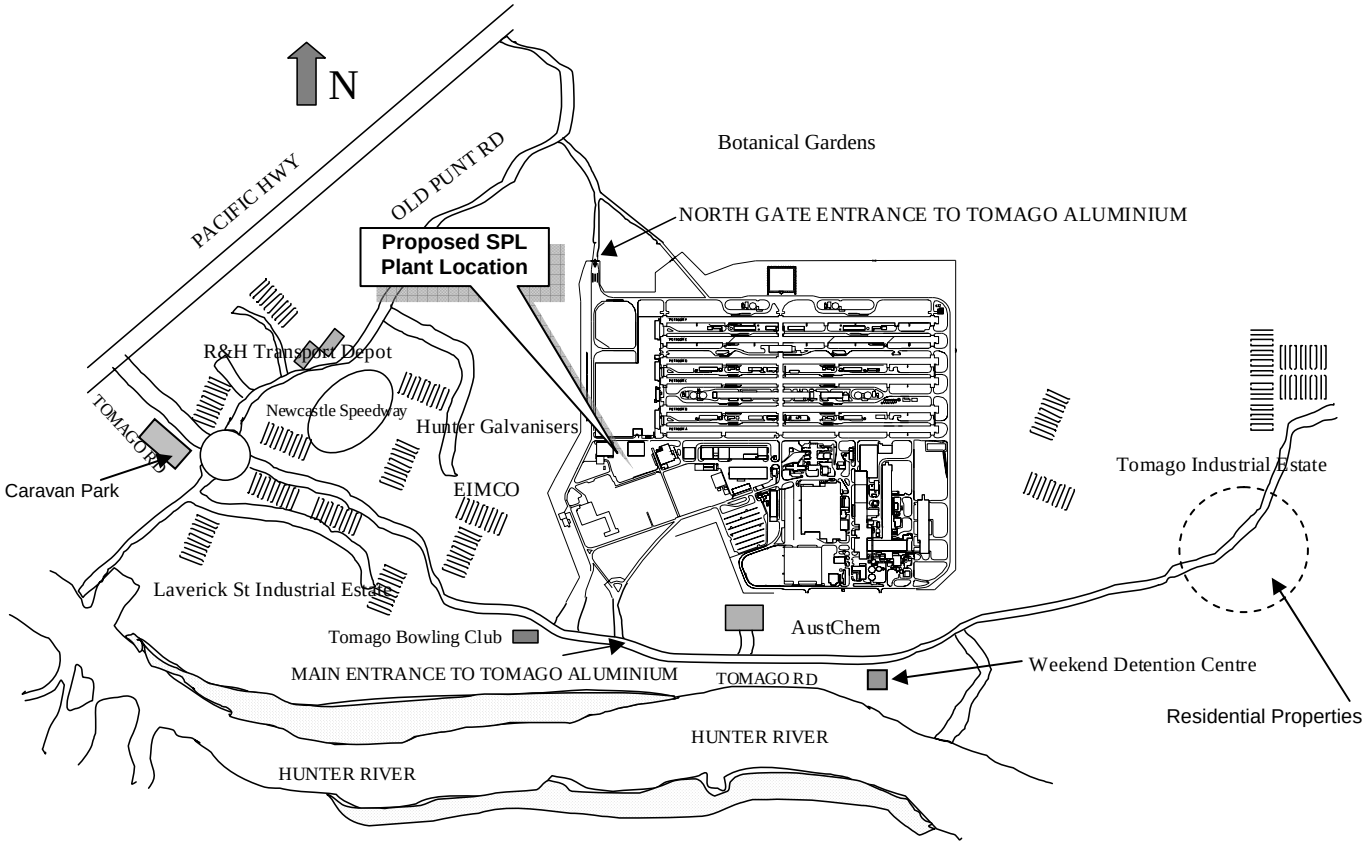

FIGURE 3.2
TAC SITE LAYOUT AND ADJACENT FACILITIES

3.2 Brief Description of the Aluminium Manufacturing Process

The aluminium smelting process involves the manufacture of carbon anodes for the reduction of alumina to aluminium and the casting of the molten alumina into metal ingots. The reduction of alumina to aluminium is performed in large electrolytic cells known as pots. These pots are lined with refractory materials and an inner carbon cathode shell.

Tomago Aluminium has three potlines, each containing 280 pots. Alumina is fed into the pots via a closed-system feed hopper that sits above the pot, and is dissolved in a bath of molten cryolite (sodium aluminium fluoride). Carbon anodes are used to introduce electricity into the pots to drive the reduction process. They are manufactured on site in the Carbon Plant from petroleum coke and liquid pitch, which are mixed together to form a paste and then compacted and shaped. The anodes are baked in one of two gas-fired baking furnaces for several weeks at temperatures of up to 1200^{o}C, and then fitted with rods and transported to the potlines. The baked carbon anodes are consumed in the aluminium smelting process.

The molten aluminium produced is siphoned off into a ladle using a vacuum system, and transported to the Cast House where it is poured into large holding furnaces. The composition of the metal is determined, and alloying elements such as silicon, manganese, magnesium, copper and zinc are added if required. The molten metal is then cast as small ingots, tee ingots, billets or slabs.

The pots used to reduce alumina are lined with carbon and refractory lining, which is collectively referred to as potlining. Potlining has a life cycle of six to seven years, over which time it becomes contaminated with materials such as alumina, aluminium, calcium, fluoride compounds and sodium. Cyanide compounds, aluminium nitride and aluminium carbide can also be created in the reducing atmosphere of the pots and infiltrate the potlining. The deteriorated potlining, known as Spent Potlining (SPL), is regularly replaced as part of the periodic individual rebuilding of the pots.

SPL is typically removed in two stages. First-cut SPL is the removed carbon cathode lining, whilst second-cut SPL is the removed refractory lining. SPL materials are currently stored on the Tomago Aluminium site, and were shipped internationally for processing prior to the commissioning of the demonstration plant. The composition of the SPL material is highly variable. Contaminants that impregnate the SPL come from the dross materials, which can contain up to 10 % aluminium and sodium nitrides and carbides. The contamination in the SPL is created through the diffusion of dross into the carbon lining and chemical reactions occurring in the pot. Testing has indicated that there is some nitride and carbide content in the SPL, but this is indeterminate as the content will vary from pot to pot. Hence, a conservative estimate of 1% nitride/carbide contamination has been made, based on the testing performed for the material.

The majority of the SPL consists of non-activated carbon (10 – 70%), aluminium oxide (10 – 30 %), and aluminium (10 – 30 %). The fluxing properties and calorific value of the SPL are inherently useful to the cement manufacturing sector. Therefore, the reprocessing of the SPL creates valuable products as well as reducing the waste disposal issues for the aluminium smelter.

3.3 Existing SPL Facility at the TAC Smelter

The SPL is classified as a Dangerous Good, is an Environmentally Hazardous Waste, and requires careful handling and disposal in accordance with regulatory requirements. SPL can no longer be disposed of in landfills, and the SPL waste from Tomago Aluminium has historically been shipped overseas for treatment. The SPL has been stored on site in a number of sheds prior to disposal. The sheds are located in the western part of the smelter site, close to the main switchyard. **Figure 3.2** shows the TAC site layout and the location of the existing SPL facility.

In 2002, a pilot/demonstration SPL processing facility was constructed at the smelter, adjacent to the storage sheds. Since commissioning, the demonstration plant has built up to its current processing capacity of 12,000 tonnes of SPL per annum. The demonstration plant has the capacity to treat the current SPL generation rates, yet cannot reduce the levels of SPL currently stored on site. Hence, it is necessary to increase the capacity of the existing plant to treat the stockpiled SPL at the site.

3.4 Brief Description of the Proposed SPL Facility

3.4.1 Overall Plant Description

The SPL processing plant and amenities would be located in two adjacent existing buildings that are currently used for the storage of the SPL, known as SPL Sheds 5 and 6 (see **Figure 3.3**). SPL Shed 5 is adjacent to the Deline facility, where the SPL is removed from the pots. Each building is 55 m long x 50 m wide (floor area of 2,750 m^2). The buildings are of steel frame construction with aluminium sheet metal walls and roof cladding. The building sides (north and south) are fitted with louver type ventilation panels. The floors are constructed from steel reinforced concrete. The steel retaining walls are sealed to the floor excluding the two doorways per building. Each doorway is fitted with a drainage system that is connected to leachate/liquid collection storage tanks.

The proposed plant will include the following components:

- **Materials Preparation** – including pot delining and SPL crushing, sizing, grinding and storage facilities;
- **SPL Treatment** – including a rotary kiln and water reaction mixer; and
- **Product Plant** – including blending, drying and final product crushing and storage facilities.

All of the materials preparation and storage facilities would be located within the SPL sheds, with the thermal treatment plant and the product blending and grinding facilities located between the two buildings. All externally-located plant would be enclosed. The proposed plant would have four air emission points – the SPL Shed 5 and Deline facility air filter (preparation facilities), the thermal treatment plant dust collector, the drying and blending plant dust collector, and the SPL Shed 6 air filter (product storage).

Plant associated with the existing demonstration plant, including conveyors, crushing, grinding and sizing equipment, raw material and product bins, etc., may be retained and utilised in the proposed project.

It is proposed to operate the plant 24 hours per day, 7 days per week.

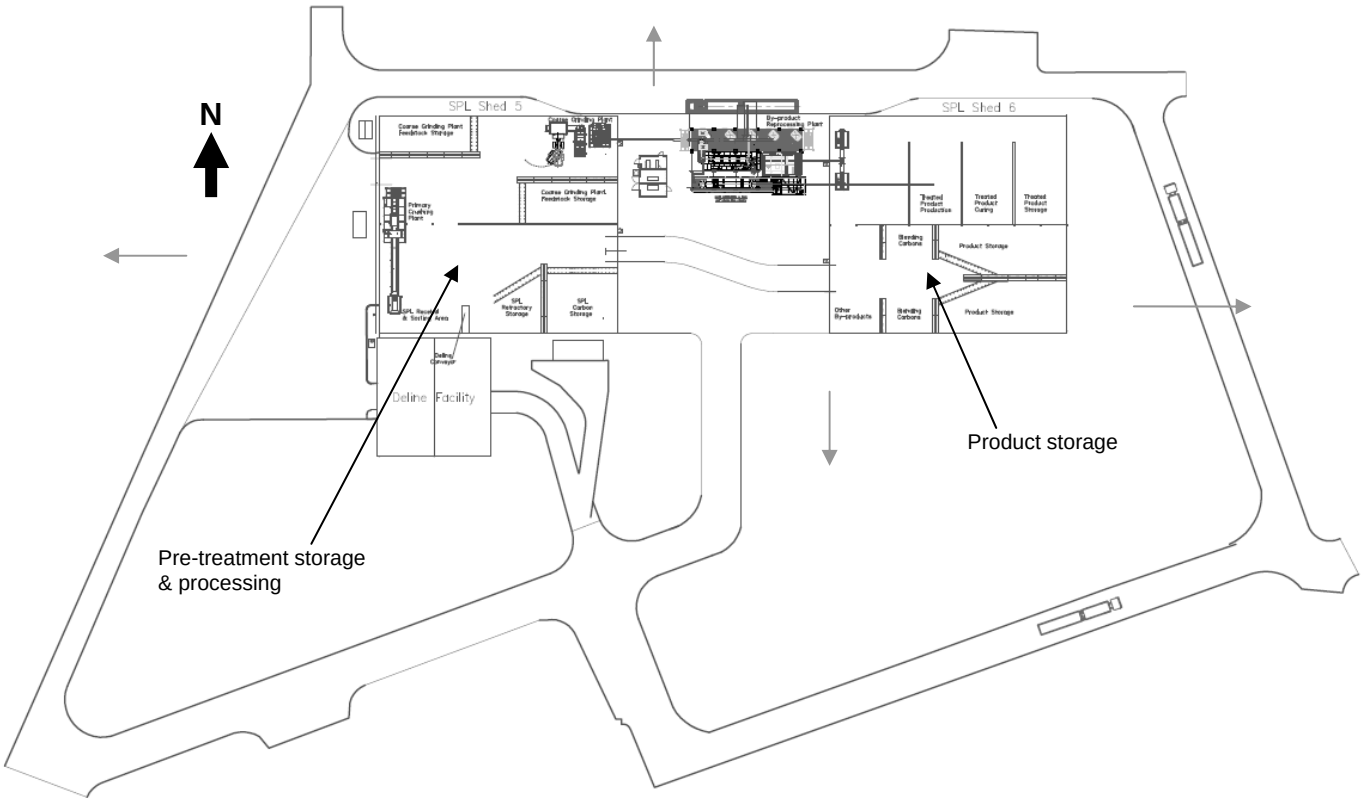

FIGURE 3.3a
SPL PLANT LAYOUT

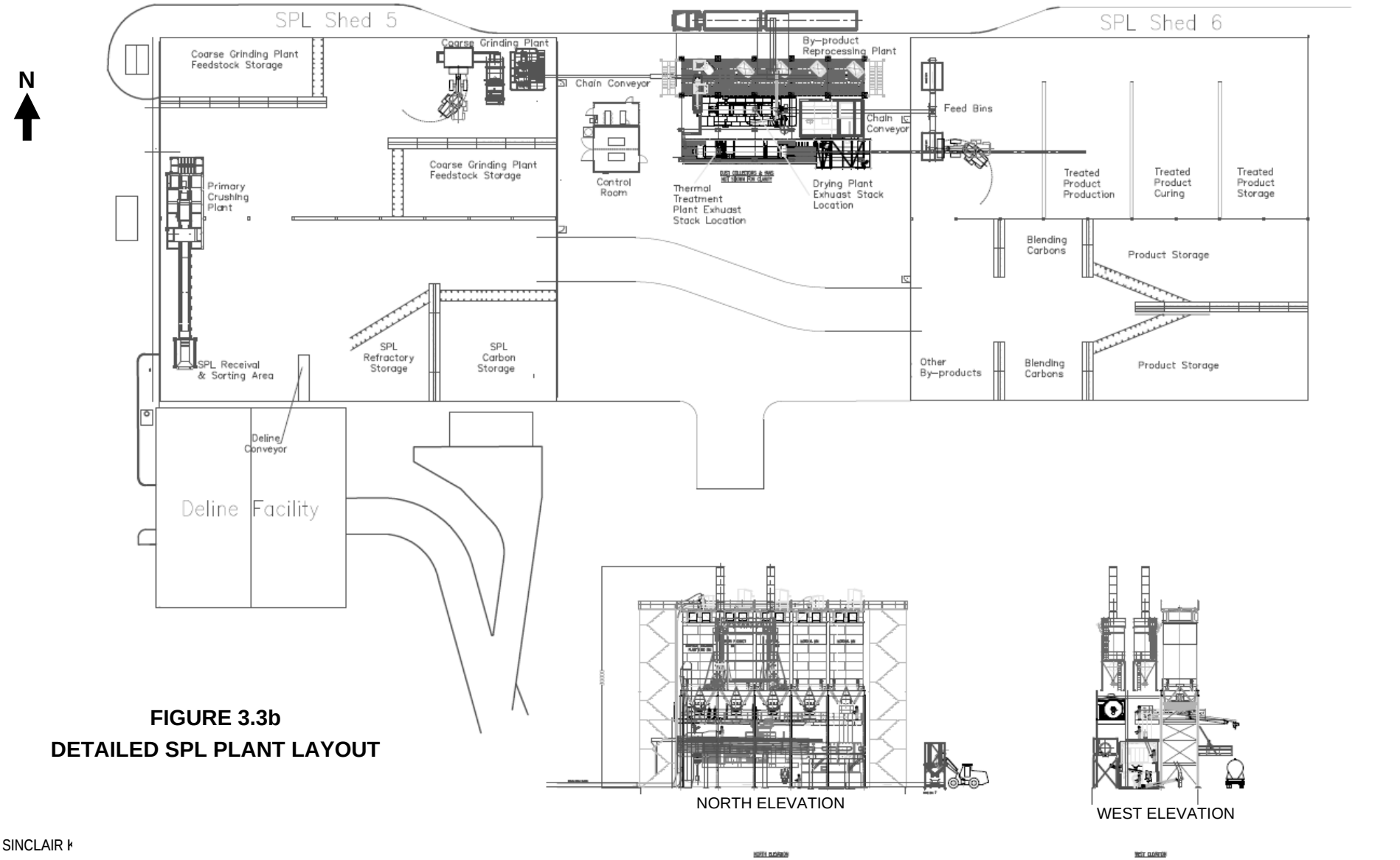

FIGURE 3.3b
DETAILED SPL PLANT LAYOUT

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3.4.2 SPL Treatment Process

The process developed by Regain to treat SPL material involves preparation of the SPL, heat treatment of the material combined with exposure to air and water, and grinding and blending of the treated material to form the mineral products. These stages are illustrated in **Figure 3.4**.

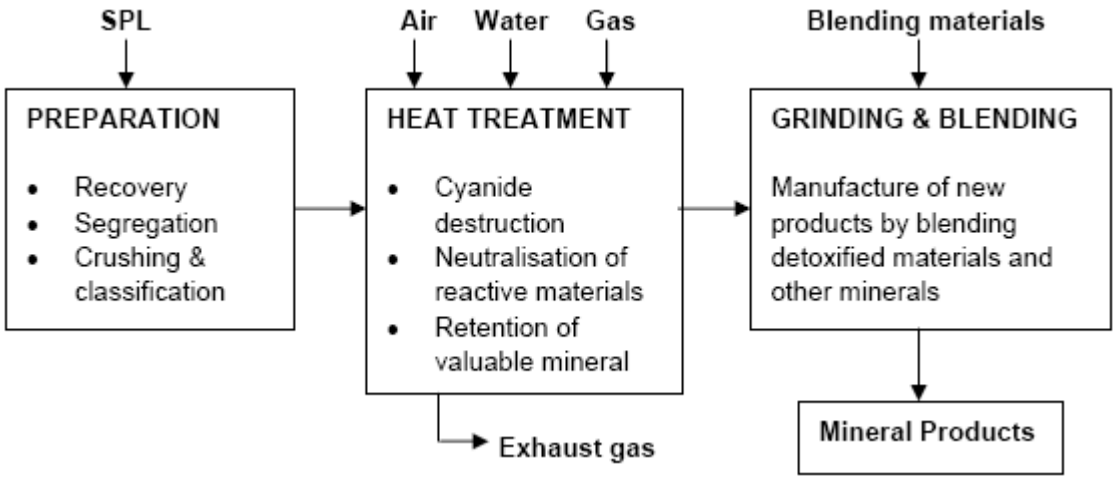

Figure 3.4
TREATMENT PROCESS FLOW WORD DIAGRAM

The treatment process destroys the cyanide and neutralises the flammable gas hazard associated with the SPL while retaining the valuable materials such as carbon, fluorides, and other inorganic compounds. Heating of the SPL material destroys most of the cyanide through the process of thermal oxidation, while the reactive compounds are neutralised by the water. Mineral products are made by blending the treated materials with minerals such as coal and sand and previously generated SPL treatment products to achieve the product specifications of the end users of the materials.

3.4.3 Materials Preparation

The pots, containing the potlining material, would be taken to the existing Delining facility for mechanical removal of the SPL, with the SPL material transferred to SPL Shed 5 by conveyor. The SPL material would be stored in SPL Shed 5 prior to and during preparation, and moved within the building by frontend loader.

The SPL would be fed to a feeder hopper that directs the SPL onto the sorting station feed conveyor. The sorting station would size the SPL through a number of screens and chutes and remove any large lumps, which would be mechanically broken up and re-fed to the plant. The sorted material would then be fed to the primary crusher, which would be

operated on a batch process campaign basis for three to four months per year. The primary crusher would be used to homogenise the material for feeding to the secondary crusher and sizing plant.

Once crushed, the SPL would be transferred to the feed stock storage bins in SPL Shed 5 via front end loader. Prepared feed material would then be transferred to the thermal treatment plant via screw conveyor. Crushed SPL would be recovered from the feed stockpile and fed to the grinding mill to ensure the material is appropriately sized for the thermal treatment process.

3.4.4 Rotary Kiln and Water Reaction Mixer

The ground SPL would be fed to the rotary kiln using a screw conveyor, located at the base of the kiln feed bin. The rotary kiln would detoxify the SPL through a process of high temperature thermal oxidation. The kiln would be fired by natural gas at temperatures of 750 – 800^{o}C (N.B. temperatures would be maintained below 850^{o}C to prevent the liberation of fluoride from the SPL). Air would be drawn into the kiln via an induction fan to facilitate combustion. Combustion products would pass to the baghouse prior to discharge to atmosphere, with collected particulate matter fed back into the product manufacturing plant.

Thermally-treated SPL would then be fed to the water reaction mixer to evolve flammable gases (primarily ammonia, hydrogen, methane and acetylene). The gases produced would be fed back into the kiln as fuel and thermally destroyed.

After passing through the water reaction mixer, the processed SPL would be non-hazardous and no longer classified as a waste material. The detoxified product would be fed to stockpiles in SPL Shed 6 via conveyor.

3.4.5 Product Plant

The product plant would be located between SPL Sheds 5 and 6. Final product preparation includes processes such as blending, drying and final product crushing to achieve the characteristics required by the cement industry. Blending would be performed manually using a blending hopper, with material fed via front-end loader.

Coal, sand, or other SPL treatment products may be added to the treated SPL, which would then be fed to a rotary dryer via a screw conveyor. Up to 5,000 tonnes of inert blending materials could be used in the production process to meet end-user specifications. The product would then be dried to extract the moisture added during the water reaction process. Air passing through the rotary dryer would be heated using natural gas.

The dried product would be then fed to a product feed bin (4.5 m in diameter and 12 m high) using a bucket elevator, and fed to the product mill (ball mill) where it would be milled to produce a product of homogenous size. Following milling, the product would be passed to the product bin via a dense phase conveyor.

3.4.6 Dust Extraction and Control

All externally-located plant would be enclosed and all emissions from the proposed project would occur via the four independent dust control and collection points listed below.

1 SPL Shed 5 and delining facility air filter (SPL preparation facilities);

2 Thermal treatment plant dust collector; and

3 Drying and blending plant dust collector;

The SPL processing and product storage facilities would be fully sealed, including covered conveyors and sealed atmospheric storage bins. Ductwork would be installed throughout the process plant system and connected to dust generating areas such as mills, crushers, conveyors, storage bins and the kiln/dryer. The dust extraction systems would maintain a negative pressure within the process system and dust control on buildings would prevent the escape of fugitive dust.

Dust from the process would be collected via the baghouse dust collectors, which would be fitted with alarm systems to immediately shut down plant operations in the event of baghouse failure (i.e. bag failure and breakthrough). Visual and audible alarms would sound within the plant buildings, with the alarm displaying on the plant control system monitoring display. Collected particulate matter would be fed back through the production cycle.

The dust control systems would manage fugitive emissions from product storage areas.

3.4.7 Product Transfer

Products would be transferred in powder or granular form, from the smelter to markets, using road transport (trucks). Bulk powder products would be transferred to the road tankers via a fully covered conveyor and through a transfer spout and delivery nozzle system. The nozzle would be connected to the truck tanks, and an air return pipe would be connected to the truck to facilitate the return of transport air to the product storage bin. The transfer system will be fully enclosed from the storage bin to the pneumatic tanker.

The truck filling cycle would be controlled by the truck driver, who would be in attendance during the whole transfer cycle. The filling spout would be fitted with a high level shut off system, which would shut down the feed when the truck is full. This system would be supplemented by regular driver checks throughout the filling cycle.

Bulk granular products would be loaded into road trucks. Trucks carrying bulk granular products would have covers fitted over loads before leaving the storage shed. Bagged products would be loaded onto road trucks using forklifts.

The quantity of treated SPL produced at the site will determine the number of transport vehicles required to deliver the treated SPL to markets. Regain has estimated that between 3 and 5 trucks per week will be required for transport of the materials from the site.

3.5 Safety Features Installed in the SPL Plant

The plant will be fitted with a number of safety features, installed to manage the potential hazards associated with the operation of the plant. These are summarised below.

- **Process Plant Located within a Building** – the processing of SPL has the potential to liberate dust, which may become airborne and be carried beyond the confines of the plant and site. The process plant will be located within a fully enclosed building with roller shutter doors that can be opened and closed, as required, to manage the potential dust escape from the storage and processing area.

- **Building Dust Extraction System** – the operation of loading SPL to the process circuit has the potential to liberate dust into the atmosphere within the building. This dust has the potential to escape from vents and doors that may be open from time to time. The building will be fitted with a dust extraction system that will maintain a slightly negative pressure within the building, ensuring air is always drawn into the building through any openings (e.g. ventilation louvers, roller doors, etc.).

- **Building Dust Extraction Alarm & Shut Down** – the building dust extraction system will be fitted with a failure alarm (bag breakthrough and high dP) and plant shut down feature. In the event the building dust extraction fails, the operating plant will be shut down, along with plant SPL loading.

- **Fully Enclosed Process Plant Design** – the process plant will be designed to be fully enclosed, maintaining any generated dust within the confines of the plant and equipment. All conveyors, crushers and mills will be fully covered to prevent dust release.

- **Dust Extraction Fitted to Silos and Equipment** – a dust extraction system will be fitted to the plant and equipment to maintain a slightly negative pressure in the system. This will ensure no dust escapes from any minor openings (e.g. inspection ports).

- **Filter Bags Units for Dust Extraction** - each dust extractor will be fitted with a filter bag unit to remove the dust from the extracted air streams. Particulate concentrations within exhausted air from the dust extractors will be below permissible licence levels.

- **Filter Unit Alarms** – the filters bags are fitted with high and low pressure differential alarms. In the event of blocked bags, the pressure differential will rise due to bag blockage limiting flow through the bags. In the event a bag breaks(splits), pressure will reduce across the bags due to the hole. The changes in pressure are monitored and alarmed.

- **Bunded Materials Transfer Area** – the area where trucks are loaded and vehicles operate (i.e. transfer of SPL to and from the building) will be fully bunded to prevent potential SPL or product spills being released to nearby drains and stormwater run-off channels.

- **First Flush Pond** – the drains and stormwater channels outside the SPL bunded area are directed to the site first flush pond. This pond allows stormwater to be collected and assessed prior to release off-site.

- **Rotary Kiln** – the key process control for the rotary kiln is temperature control. The operational temperature of the kiln is between 750 and 800^{o}C. The temperature is controlled through the burner management system. The product temperature in the kiln is measured using thermo-couples connected to a digital control system. The desired heat range of the product is programmed into the control system. The burner management controls then maintain the required temperature. Independent (from controls) High/Low temperature monitoring and alarms are installed on the system.

- **Rotary Kiln** – the rotary kiln is fitted with four explosion doors or panels; two at the inlet end and two at the exhaust end. These are installed to ensure that in the unlikely event of explosion, the kiln is not destroyed but gases are safely vented to atmosphere.

- **Burner Management** – the plant is fitted with a burner management system that is designed in accordance with AS1853 (Ref.5). This standard requires burners to be fitted with isolation valves and flame detectors. In the event of a “flame-out” (i.e. the

flame fails to burn whilst the gas is still being fed to the burner), the flame detector is activated and the gas isolation valve closed.

- **Baghouse Temperature Monitoring** – temperature probes are installed in the baghouse to alarm and shut down the plant if the temperature in the thermal treatment plant dust exceeds 130^{o}C.

4. HAZARD IDENTIFICATION

4.1 Constituents of SPL

The SPL contains a number of materials in varying quantities. The extract from the material safety data sheet (MSDS - see **Appendix C**) lists a number of constituents of SPL. However, a data search has indicated that SPL can contain a number of additional materials not included in the MSDS presented at **Appendix C**. The additional materials may be present due to the types of fluxes used during the production of aluminium within the pot. A comprehensive list of potential constituents has been included below:

- Carbon, non-activated;
- Silica crystalline - quartz;
- Sodium hydroxide;
- Sodium fluoride;
- Sodium aluminium fluoride;
- Calcium fluoride;
- Calcium oxide;
- Aluminium oxide;
- Aluminium;
- Iron;
- Ferric oxide;
- Sulphur; and
- Free cyanide (trace amounts).

In addition to the materials listed above, the production of aluminium may result in the impregnation of the potlining with the following:

- Aluminium Carbide (Al_4C_3)
- Aluminium Nitride (AlN);
- Compounds of Fluoride (F);
- Compounds of Cyanide (CN); and
- Metals (Cu, Pb, As, Zn, Al).

4.2 Hazards Associated with SPL

The MSDS for SPL (**Appendix C**) lists the potential hazards associated with the storage and handling of SPL. It is noted that from the list of constituents in the first set of dot points (**Section 4.1**) that none of these materials are classified as a poison at the concentrations contained within the SPL and the material is not listed on the poisons schedule. However, the material may cause toxic reaction if swallowed. Whilst it is recognised that dust and particles may cause inflammation and irritation to mucous membranes, there is no significant poisonous reaction to humans listed in the MSDS.

However, for the second set of dot points (**Section 4.1**) there is a potential for acute toxic impact to human from cyanides, and chronic impact from fluorides. Whilst the aluminium carbide and nitride compounds are not immediately toxic, these materials (and compounds of fluoride) may produce the following toxic/flammable gases upon mixing with water:

- Aluminium Carbide (Al_4C_3) - Acetylene and Methane
- Aluminium Nitride (AlN) - Ammonia
- Compounds of Fluorides - Hydrogen Fluoride (not a likely gas as the material is alkaline and chemical reactions forming fluorides are suppressed in alkaline conditions)
- Hydrogen gas may also be released as a result of water/SPL mixing.

Hence, the safeguards at the plant must cater for the containment of dust and particulates and the prevention of uncontrolled mixing of water with the SPL product. A hazard table is presented at **Appendix A**. From this table a detailed hazard analysis has been prepared below.

4.3 Handling SPL Inside the Storage Buildings (transfer within the building, blending, loading hoppers, etc.)

Front end loaders (FELs) will be used to transfer SPL from the delining facility to the conveyors feeding the SPL to the storage area. FELs will also be used for blending and transfer of SPL from the storage bays into the feed hoppers for transfer to the rotary kiln. During the handling and transfer of SPL there is a potential to disturb the material and liberate dust. This will be similar to the delining operation, in that personnel within the building may be impacted by dust and any dust released may be carried off-site if it escapes the building.

It is noted that a number of safety systems will be installed to minimise the potential for dust to escape from the buildings to atmosphere, these are:

- the buildings will be fitted with a dust extraction system with a bag filter unit, that will extract the dust and discharge clean air to the atmosphere;
- in the event of significant bag failure, the differential pressure across the bag sets will fall, raising an alarm and notifying operators of the failure;
- bag blockage will also result in an alarm from high differential pressure (dP), that will shut down the dust extraction system (baghouse) and the SPL equipment until the dust extraction system is repaired and operational;
- personnel operating inside the SPL buildings (delining area and Shed 5) will not be working in the open space of the building where dust and other hazards (e.g. vehicles) are operating. Personnel will be working within sealed cabins of equipment, such as front end loaders (the cabins will be fully air-conditioned with sealed doors);
- personnel who must access the building area from time to time will be issued with a disposable respirator mask that will minimise the potential for dust to be inhaled during the short period they are in the building; and
- where extended maintenance is required on components and equipment, plant will be shut down to eliminate the potential for maintenance personnel to be impacted by dust generating equipment.

The management of the operations discussed above will require the implementation of systems such as permit to work, equipment/electrical isolation, maintenance/operational procedures, etc. These are all elements of a Safety Management System (SMS). **It is therefore recommended that an SMS be developed for the SPL plant to include elements to the operations, maintenance and management of the facility. The SMS should be developed using the principles detailed in HIPAP No.9 (Ref.9).**

The introduction and use of an effective SMS, in conjunction with the proposed safety features on the SPL plant will minimise the risk of impact to personnel in the SPL plant and release of SPL dust beyond the confines of the facility.

4.4 Rain & Water Leaks into the SPL Building(s)

The SPL buildings are constructed from steel frames with sheet metal covering. Minor nail holes and leak points may allow water to enter the building where SPL is stored (i.e. Shed 5 only), which may contact the stored SPL. Water when in contact with SPL may generate flammable (acetylene/methane) and toxic (ammonia) gases. However, as shown in **Appendix B**, considerable quantities of water (many hundreds of kilograms for toxic gas generation and many tonnes for flammable gas generation) would be required. Drips and leaks from nail holes and other leak points would not permit hundreds of kilograms or

tonnes of water into the building. The risk of rain water leaks resulting in hazardous gas generation is negligible.

4.5 Rain Water Carried into the SPL Building by Trucks

As noted in **Section 4.4**, mixing of water and SPL could result in the generation of flammable and toxic gases. **Appendix B** details the calculations for water SPL mix and the generation of toxic and flammable gases. **Table 4.1** summarises the calculation for a mix of 1kg of water with SPL. However, it is noted that mixing of water and SPL will never be homogenous and various factors, such as exothermic reactions, will reduce the available water and limit the quantity of gas release, hence, the results shown in **Table 4.1** are conservative.

TABLE 4.1
SUMMARY OF GAS RELEASE QUANTITIES FROM 1kg WATER MIXING WITH SPL

Material	Release Quantity
Ammonia	0.315kg
Acetylene	1.4kg
Methane	0.44kg

Acetylene and methane are produced from aluminium carbide in the SPL. It has been assumed (conservatively) that the SPL produced in the Tomago smelter has, on average about 0.1% aluminium carbide content (as a result of contaminants impregnating the SPL). Aluminium carbide comes in two forms, Al_2C_6 and Al_4C_3 (Ref.6). When mixed with water, the former produces acetylene, the latter methane. Assuming that these two forms of carbide are available in equal quantities, then each of these carbides is found in 0.05% of the SPL.

The apportioning of water available for mixing with the various components of the SPL is assumed to be (based on the assumption of 1% nitride and 0.1% carbide in SPL):

Total: 0.1% carbide + 1% nitride = 1.1% nitride carbide mix.

Fraction of water available to mix with nitride = 1/1.1 = 0.91

Fraction of water available to mix with Carbide = 0.1/1.1 x 1 = 0.09 (= 0.045 for each carbide type)

Water lost to heat and exothermic reaction = 0.25 (estimate)

Table 4.2 presents the modified quantities based on the available water:

TABLE 4.2
SUMMARY OF GAS RELEASE QUANTITIES FROM 1KG WATER MIXING WITH SPL INCORPORATING HEAT LOSS AND FRACTIONS OF WATER COMPONENT MIX

Material	Proportion Remaining after loss to Heat	Proportion for each material	Initial Release Quantity	Final Release Quantity
Ammonia	0.75	0.91	0.315kg	0.215kg
Acetylene	0.75	0.045	1.4kg	0.047kg
Methane	0.75	0.045	0.44kg	0.015kg

Notwithstanding the analysis above, all SPL processing will be performed within the SPL handling area (inside the building) preventing contact between rainwater and SPL. Vehicles that may enter the building may carry minor amounts of water into the storage area as a result of dripping water from trucks and equipment entering the building. This will not result in sufficient toxic or flammable gas release to be a hazard. This is demonstrated in the analysis conducted in **Appendix B**, a summary of which is presented at **Table 4.3**. This table shows that to reach flammable gas lower explosive limits (LEL)*or LC_{50}# significant quantities of water will be required (e.g. 802kg to 36.7 tonnes). Quantities of this magnitude will not be carried into the SPL storage buildings in truck tyres and bodies nor leak into the building from roof anomalies (holes).

TABLE 4.3
SUMMARY OF LEVELS OF WATER REQUIREMENTS TO GENERATE HAZARDOUS QUANTITIES OF FLAMMABLE & TOXIC GASES

Flammable/Toxic Gas Generated	LEL or L_{C50} (in the bld)	Quantity of gas Generated	Quantity of Water Required
Ammonia (NH_3)	11,500ppm	227.5kg	802kg
Acetylene (C_6H_6)	2.3%	568.9kg	7.9 tonnes
Methane (CH_4)	5%	807.4kg	36.7 tonnes

Hence, if these levels are not reached at the plant, dispersion of such releases downwind will result in reduced concentrations at the site boundary (closest boundary over 300m), Hence, there will be no impact offsite as a result of the postulated incidents of SPL mixing with water at the site.

4.6 Dust Emissions from Operating Equipment

The SPL is loaded to processing equipment, which is used to convey, crush and grind the SPL as part of the processing operation. The crushing and conveying actions have the potential to liberate dust which may escape from the equipment into the SPL buildings and

subsequently beyond the building confines. However, all equipment used for processing and storing SPL is covered and sealed, which prevents release of dust from within the equipment itself. In addition, all operating equipment in the SPL processing system is connected to a dust extraction system and baghouse, which maintains a slightly negative pressure inside the equipment preventing dust escape. In the unlikely event of dust extraction system failure, any minor quantities of dust that escapes the process equipment, located inside the SPL buildings, will be captured by the building dust extraction system, providing an additional safety feature.

The dust extraction system attached to the process plant has a number of safety features incorporated into the design and operation of the system, these include:

- Failure detectors for the dust extraction equipment (e.g. fan failure vacuum failure);
- Bag failure detectors (high and low differential pressure across the bags);
- Failure alarms on the dust extraction equipment; and
- Stopping process operations in the event of dust extraction system shut down.

The risk of dust release as a result of leaks from process equipment is minimal.

4.7 Rotary Kiln

4.7.1 Natural Gas Build Up in Kiln - Explosion

The rotary kiln is heated using a gas flame, which is fed by natural gas through a burner system installed on the end of the kiln. The burner is managed by a control system, which is designed and operated in accordance with AS1853 (Ref.5). The burner management system has a number of safety features installed including:

- Flame out detection;
- Gas isolation valves (auto-manual); and
- Temperature monitoring of the kiln space.

In the event of a flame out in the kiln there is a potential for the gas to accumulate within the system, ignite and explode. However, as the burner management system is fitted with a flame out detector, the gas will be immediately isolated preventing the potential for gas build up and explosion. Further to this safety system, the kiln is fitted with an induction fan, which draws gases from the kiln combustion space and discharges them via a stack to atmosphere.

As an additional safety feature the kiln has been designed with blast panels to minimise the potential for explosion damage to the kiln shell, in the unlikely event of an explosion in the kiln combustion space. An explosion in the kiln will result in panel activation and discharge of the products of combustion (explosion) from the ends of the kiln. There will be no impact offsite as a result of this incident.

4.7.2 Low Kiln Operating Temperature

In the event of restricted or reduced fuel gas flow to the kiln there is a potential for reduced operating temperature. In this event temperatures below 750^{o}C will fail to destroy the contaminants in the SPL. Hence, temperature control in the furnace is critical in maintaining treated SPL quality.

To minimise the potential for low temperature operation, the kiln will be fitted with a temperature control system. Thermocouples will be installed in the kiln shell that will monitor the kiln space temperature and control gas flow and combustion rates to maintain temperature between 750^{o}C and 800^{o}C. In the event of a plant excursion lower than 750^{o}C, thermocouples connected to plant controls will raise an alarm in the plant control room, both visual and audible. Operators will then be able to assess the alarm and respond accordingly. The thermal mass of the system will prevent rapid fall in temperature and there will be adequate time for operator response once the alarm has sounded.

The calibration of temperature equipment is obviously important in maintaining effective temperature control. **It is therefore recommended that a kiln temperature monitoring and calibration procedure be developed and implemented to ensure the temperature control system is operated using correct data and information, this should also include periodic testing of the alarms throughout the plant**. This procedure should be part of the plant Safety Management System.

The risk of failure to destroy all contaminants in the SPL is low due to the various thermocouples available, the alarm systems and the operator attendance at the plant during operational periods (i.e. plant is never left unattended).

4.7.3 High Kiln Operating Temperature

In the event of a high gas flow and elevated temperature in the kiln (in excess of 850^{o}C) there is a potential for hydrogen fluoride (HF) to be released in the kiln exhaust gases. Hence, temperature control in the furnace is critical to ensure that HF is not released in stack emissions.

Like the low operating temperature scenario, to minimise the potential for high temperature operation, the kiln will be fitted with a temperature control system.

Thermocouples will be installed in the kiln shell that will monitor the kiln space temperature and control gas flow and combustion rates to maintain temperature between 750^{o}C and 800^{o}C. In the event of a plant excursion higher than 800^{o}C, thermocouples connected to plant controls will raise an alarm in the plant control room, both visual and audible. Operators will then be able to assess the alarm and respond accordingly. The thermal mass of the kiln will prevent rapid temperature rises and, hence, once the alarm has sounded at 800^{o}C, there will be adequate time for operator response and shut down of gas supply, if required.

The risk of failure to destroy all contaminants in the SPL is low due to the various thermocouples available, the alarm systems and the operator attendance at the plant during operational periods (i.e. plant is never left unattended).

4.8 Hydro Mixer – Induction (ID) Fan Failure

The hydro mixer is used to inject water into the thermally-treated heated SPL. The aim of this operation is to react the thermally-treated SPL with water to remove the nitrides and carbides in the product so that the potential to generate uncontrolled flammable and toxic gases, from SPL/water mix, is eliminated. The hydro mixer provides this function in a controlled environment and then combusts the gases in the kiln. However, in the event of ID Fan failure, the exhaust gases from the burner are not extracted and the flammable and toxic gases, generated in the mixer, continue to be released. Hence, there is a potential for these gases to escape the mixer and be released into the building and subsequently beyond the building if sufficient gas generation occurs.

It is critical that in the event of ID fan failure, the water supply to the mixer is isolated to prevent continued water addition and hazardous gas generation. **It is therefore recommended that an interlock be fitted to the water supply system and ID fan such that in the event the ID fan stops for any reason, the water supply to the mixer is isolated.**

It is understood that as part of the burner management system, fuel gas supply to the kiln is isolated if the ID fan fails. Therefore the gases that are generated in the mixer may not be combusted in the kiln. In review of the possibility of gas release from the mixer and kiln itself, the hot kiln gases will, to some extent, create a natural draft through the exhaust system of the plant although the burner is shut down. The hot gases rising up the stack will create a slight vacuum in the base of the stack, which will draw gases from the kiln (and mixer) into the combustion space of the kiln. The natural draught will extract any gases generated in the mixer and pass them through the combustion space. It is noted that, although the gas supply is shut down and there is no flame in the kiln, the kiln temperature will still be in the order of 500^{o}C – 600^{o}C for some period after the ID fan failure. Temperatures in excess of 500^{o}C are well over the auto ignition temperature of

methane and acetylene, hence, these gases will be auto ignite and burn in the kiln space, which will in turn combust the ammonia.

In the event of ID fan failure, and gas release into the building, there is a potential for gas to accumulate in the building itself resulting in the formation of flammable and/or toxic gas clouds in specific areas of the building. The building is fitted with an extraction system, primarily for the removal of dust. However, the accumulation of flammable gas would be minimised by the extraction system and the development of a flammable cloud would be unlikely simultaneous with the failure of the ID fan. The building is also fitted with ventilation louvers along its side, providing further ventilation in the event of extraction fan failure simultaneous with ID fan failure.

Overall, the risk of flammable or toxic gas development in the kiln or building is low.

4.9 Loading of Treated SPL

The treated SPL will be loaded to road tankers using a conveyor and loading spout. The conveyor system will be fully covered and the spout will be fitted with a bellows unit to manage any dust that may be generated by the loading and to prevent rainwater contact with the loaded product. The conveyor systems and delivery spout will be connected to the dust extraction system and, hence, the risks of release from this system will be low (see **Section 3.4.7**). However, failure to connect the truck loading spout or spout failure itself could result in release of treated and blended SPL around the truck loading area. The driver will be present during all transfer activities and will be able to initiate emergency shut down of the transfer system in the event of a connection or spout failure. Further, there are only 3-5 transfers performed each week and these will be arranged so that trucks are not filled during rain periods.

It is also noted that the SPL is now treated and there are no hazardous compounds in the product that will cause hazardous gas generation or significant pollution concerns. The area in which the trucks are loaded will be contained by kerbs and gutters. Drains in the area will feed to the site collection ponds where sedimentation and water treatment occur before release off-site.

Notwithstanding the fact that there is little chance for hazard or pollution as a result of loading incidents, the tanker driver and plant operators will be in the vicinity of the loading operation at all times. Further, it is understood that the loadout area will be fitted with a closed circuit television camera (CCTV) which will enable personnel in the control room to monitor loadout during the full operation.

In summary the risk of hazardous impact from spout incidents is low.

5. CONCLUSIONS AND RECOMMENDATIONS

5.1 Conclusions

The analysis in **Section 4** reviewed a number of potential hazards that could result in the following incidents:

- Dust release from handling and process operations (e.g. front end loaders);
- Flammable and toxic gas release from water/SPL contact;
- Fluoride and other contaminants release as a result of kiln operational excursions;
- Flammable and toxic gas release as a result of equipment failure in the kiln/hydro mixer area; and
- Explosion in the kiln as a result of flameout.

Based on the analysis it is concluded that the risk of incidents at the site, that could result in offsite impact, is considered to be low due to the proposed safety features to be installed on the plant and the proposed operational and safety management of the facility.

Notwithstanding the proposed safeguards, associated with both hardware (equipment) and software (procedures), a number of recommendations were made during the analysis to ensure the facility is operated at the optimum level of safety.

5.2 Recommendations

Based on the analysis in **Section 4**, and to ensure the facility is operated at the optimum level of safety, the following recommendations are made.

1. The management of the operations at the SPL facility will require the implementation of systems such as permit to work, equipment/electrical isolation, maintenance /operational procedures, etc. These are all elements of a Safety Management System (SMS). It is therefore recommended that an SMS be developed for the SPL plant to include elements of the operations, maintenance and management of the facility. The guidelines issued by the Department of Planning in Hazardous Industry Planning Advisory Paper No.9, “Guidelines for Safety Management Systems” (Ref.9) should be used in the development of SMS for the facility.

2. The calibration of temperature monitoring and control equipment in the kiln is critical in maintaining effective temperature control. It is therefore recommended that a kiln temperature monitoring and calibration procedure be developed and implemented to ensure the temperature control system is operated using correct data and information. This procedure should be part of the plant Safety Management System.

3. It is critical that in the event of ID fan failure, the water supply to the SPL/Water mixer is isolated to prevent continued water addition and hazardous gas generation. It is therefore recommended that an interlock be fitted to the water supply system and ID fan such that in the event the ID fan stops for any reason, the water supply to the mixer is isolated.

6. REFERENCES

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2. Hazardous Industry Planning Advisory Paper No.6 – Hazard Analysis Guidelines, Major Hazards Branch, Department of Infrastructure, Planning and Natural Resources, NSW.

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11. MSDS – SPL, Chemwatch –May 2007 (see **Appendix C**)

APPENDIX A

HAZARD IDENTIFICATION TABLE

Site Area or Operation	Cause	Consequence	Safeguard
SPL Handling – SPL Shed 5	Tipping and moving SPL in the shed	- Dust generated during tipping and movements – potential dust release off-site - Spill occurs beyond the immediate movement area – potential SPL spill into adjacent areas - Personnel impacted by dust and spill (i.e. come into contact with SPL) – irritation and O&S problems	- SPL movement is performed within Shed 5 – spills and dust generation are contained within the shed - Shed 6 is fitted with dust extraction equipment (i.e. baghouse) which prevents loss of dust beyond the immediate confines of the building - Dust extraction equipment, fitted with a system of alarms so that equipment failure is notified via audible and visual alarms - SPL handling is not permitted unless the dust extraction equipment is in operation (procedure) - Personnel not involved with the plant operations are not permitted in the storage processing plant sheds - SPL plant operations personnel are trained in the operation of the SPL processing equipment and procedures - Visitors are not permitted on the plant without completing a plant induction procedure
SPL Handling – SPL Shed 5	- Rain during the unloading operation - Transfer equipment (trucks, FEL) is impacted by rain during handling	Potential for water contact with SPL resulting in generation of flammable and toxic gases (e.g. ammonia, methane, acetylene, hydrogen)	- Unloading is conducted inside a roofed building - Roof protects from potential water/SPL contact - Building is fitted with dust extraction and louver ventilation (general moisture and gases generated would be extracted) - Quantity of gas generated would be relatively minor for short period moisture contact (i.e. damp air) - Significant quantity of water required to generate flammable and/or toxic gases (many tonnes)

Site Area or Operation	Cause	Consequence	Safeguard
Treated SPL Blending Area – Shed 6	Handling of SPL: - loading SPL to feeders - blending and mixing of SPL	Potential to generate dust during SPL handling - operators impacted by SPL dust resulting in OH&S effects - potential for dust to be released outside the SPL building and eventually offsite	- Operators are located in mechanical handling equipment (e.g. front and loaders) which are fitted with air-conditioned cabins (dust tight) - The building is fitted with dust extraction equipment (and baghouse) that creates a slightly negative pressure in the building, eliminating the potential for dust release beyond the building - Dust extraction equipment is fitted with fail alarms, both visual and audible (i.e. bag break through or high dP) - Procedure is to cease operations unless the dust extraction equipment is functional

Note: Once in Shed 6, the SPL is treated and compound with the potential to produce flammable or toxic gases have been removed, hence, water ingress and impact is no longer a hazard

Site Area or Operation	Cause	Consequence	Safeguard
SPL Processing Equipment – loading hoppers, conveyors, crushers, grinders and storage silos (crushing, grinding, drying, etc, areas)	- Dust is generated as SPL is loaded to the hopper - Dust generated during conveying and crushing/ grinding	Potential for dust to be released beyond confines of the equipment & building, eventual release offsite	- Feed hoppers are fitted with hoods to minimise the release of dust beyond the hopper confines - All equipment is fully covered preventing dust escaping beyond the immediate confines of the equipment itself - A dust extraction system is fitted to the SPL processing equipment, generating slightly negative pressure in the equipment (i.e. air is drawn into equipment therefore dust cannot escape) - The building is fitted with dust extraction equipment (and baghouse) that creates a slightly negative pressure in the building, generated gas is extracted along with any dust and therefore does not have the potential to concentrate and form explosive mixtures - All dust extraction equipment is fitted with fail alarms, both visual and audible (i.e. bag break through or high dP) - Procedure is to cease operations unless the dust extraction equipment is functional
Rotary Kiln	Flame ignition fails	Gas fills kiln and ignites resulting in explosion and potential offsite impact from missiles	- Kiln is designed with a burner management system in accordance with AS1853 - Blast panels are installed on the kiln to prevent kiln destruction and generation of missiles - Operators monitor system temperature and have manual shut down available to isolate the gas - Kiln is located over 50m from the site boundary and further to adjacent industrial areas due to buffer zone around the smelter (i.e. minimal impact potential offsite)

Site Area or Operation	Cause	Consequence	Safeguard
Rotary Kiln	Gas flow reduced due to control system/valve failure resulting in loss of heat	Temperature in kiln falls and drops below 750^{o}C – potential for failure to destroy contaminants in the SPL	- Temperature control system installed on the kiln - Thermocouples monitor temperature and maintain it between 750^{o}C and 800^{o}C - Low temperature shut down and alarm installed on the system (i.e. shuts gas off in event of temperature lower than 750^{o}C) - Operators monitor system temperature and have manual shut down available to isolate the gas
Rotary Kiln	Gas flow increases due to control system/valve failure resulting in increased temperature	Temperature in the kiln rises above 850^{o}C – potential for fluoride release to atmosphere and offsite impact	- Temperature control system installed on the kiln - Thermocouples monitor temperature and maintain it between 750^{o}c and 800^{o}C - High temperature shut down and alarm installed on the system (i.e. shuts gas off in event of high temperature in excess of 800^{o}C) - Operators monitor system temperature and have manual shut down available to isolate the gas
Hydro mixer	Gas shut down in kiln	Pressure in kiln rises and extraction of gas from hydro mixer fails resulting in toxic/flammable gas escape to atmosphere	- Failure of gas results in shut down of all kiln systems (including hydro mixer) - Quantity of SPL in the hydro mixer is relatively small, resulting in small quantities of gas generated once the water is isolated - Gas will be contained in the mixer preventing release into the atmosphere surrounding the plant (i.e. no impact offsite from gas release) - Hydro mixer is part of the kiln mixer system which is fitted with blast doors

Site Area or Operation	Cause	Consequence	Safeguard
Treated SPL Loadout	Failure to connect loading spout and truck together correctly or component failure in loadout system (i.e. split pipe, split nozzle, nozzle not connected properly)	Processed SPL spill onto the truck or around the truck	- Processed SPL is inert and generally non hazardous - Truck loading area is bunded - Operators are present during all transfer operations (i.e. can stop transfer if required) - Equipment is regularly inspected and worn components replaced - CCTV used to monitor loadout from the control room

APPENDIX B

SPL-WATER MIX ANALYSIS

B1 AMMONIA RELEASE FROM SPL AND WATER MIXING

B1.1 General

The SPL proposed for processing at the Tomago facility contains a variety of materials which are detailed in the MSDS presented at **Appendix C**. Although not listed, aluminium carbides and nitrides may impregnate the SPL as a result of contact with dross materials in the pot. A typical level of carbide/nitride in dross would be about 10% aluminium nitride with smaller quantities of aluminium carbide. The MSDS shows in Appendix C, does not list aluminium nitride and carbide in the constituents, however, this MSDS is for new SPL and contaminants contained in the SPL from contact with dross would not be shown in new SPL. The MSDS also shows that fluoride is present in the material (0.09-0.22) and trace quantities of sodium cyanide (<0.001). In mixing water with the SPL, ammonia would be released as the predominant gas with smaller amounts of acetylene, methane, hydrogen cyanide and hydrogen fluoride.

The analysis in this section is performed to determine the release quantities of the various gases from an SPL-water mix, based on 1kg of water. The above description of SPL indicates that there could be contamination from the aluminium nitrides and carbides, the description section of the study estimates that this contamination could be about 1% (conservative).

B1.2 Ammonia Release

B1.1.1 Chemical Reactions

The mixing of water and SPL results in a reaction that takes place according to the equation:

$$AlN + 3(H_2O) \rightarrow NH_3 + Al(OH)_3.$$

This calculation assumes that all water mixing with SPL is available for reaction. However, this is not usually the case in water SPL mixes. In reality, other reactions take place in conjunction with the aluminium nitride/water reaction above. One important reaction is:

$$2\ AlN + 3\ (H_2O) \rightarrow 2NH_3 + Al_2O_3$$

This reaction creates significant heat, liberating water in the form of vapour and steam. Hence, not all the water is available for reaction. To ensure the analysis is conservative it has been assumed that all water is available for the reaction, hence, overestimating the quantity of flammable/toxic vapours produced.

B1.1.2 Release Rate Calculations

For this analysis a base value of 1 litre (or 1kg) of water has been used to determine the unit quantity of gas released per litre/kg of water.

Mass of water = 1kg

A stoichiometric mixture of 1 mole of AlN (0.41kg) and 3 moles of H_2O (0.54kg) gives 1 mole of NH_3 (0.17kg). Therefore the mass of ammonia released per kg of water is given by:

$$\text{Mass of ammonia produced/kg of water} = \frac{1\text{kg } H_2O \times 0.17 \text{ kg } NH_3}{0.54\text{kg } H_2O}$$
$$= 315\text{g ammonia/kg of water}$$

Noting that this analysis is conservative as all water will not be available for generation of ammonia due to heat and side reactions such as those demonstrated below in **Sections B2 & B3**.

B1.3 Nature and Properties of Evolved Ammonia Releases

It is important at this stage to discuss the nature and properties of ammonia that are critical in understanding the behaviour of the gas after it has been released. Anhydrous ammonia (or liquid ammonia) is stored at 840kPa(abs.) at ambient temperature (20^oC). Hence, when anhydrous ammonia is released it immediately commences to vaporise, absorbing heat from the surroundings. This causes a reduction in temperature of the released gas/liquid which increases the gas density, making heavier than air in the immediate area of the release point. Further, as the gas in this form is highly saturated, it is highly hygroscopic, and is therefore absorbed by the water vapour in the air resulting in an ammonia water molecule that is also heavier than air. In general, a release of anhydrous ammonia acts as a dense gas, although the gas molecule itself is lighter than air.

The gas release due to water/ SPL mix is not anhydrous. The gas is formed as a result of a chemical reaction between the water and aluminium nitrides in the SPL. This reaction is exothermic, hence the gas is released at above ambient temperature and does not cool during the release period. The gas in this form is less hygroscopic and tends to remain as a gas (i.e. does not mix with water vapour) during and after the release. Under these circumstances, the gas is buoyant, as the molecular weight of ammonia (17) is much lighter than air (≈28).

B2 OTHER GASES RELEASED FROM SPL AND WATER MIXING

B2.1 General

The evolution of other gases, such as acetylene, methane, hydrogen cyanide and hydrogen fluoride would be limited due to the alkaline nature of the SPL water mix (i.e. aluminium hydroxide formation).

Acetylene and methane are produced from minor quantities of aluminium carbide in the SPL. The SPL at Tomago is not listed as having significant quantities of nitrides or carbides as the new SPL does not contain these materials, however, these contaminants may be present in quantities up to 1%, with a predominance of nitride (see **Section B1.1**). On average about 0.1% aluminium carbide content may be found in the SPL. Hence, based on 1% Nitrides and 0.1% carbides (i.e. 10:1 ratio of nitrides to carbides), the water available to nitride/carbide would be 10:1 (or 90% to 10% respectively). This ratio has been used in the analyses conducted later in this section.

Aluminium carbide comes in two forms, Al_2C_6 and Al_4C_3 (Ref.11-main report). When mixed with water, the former produces acetylene, the latter methane. The SPL contains, relatively, only trace amounts of cyanide bearing compounds, hence, releases of cyanide would not be sufficient to generate a toxic cloud resulting in offsite effects. At the levels of gas evolution expected from the SPL water mix postulated in this analysis, hydrogen fluoride (HF) would not be an acute toxic gas. Further, as the mixture would be alkaline, there is little potential for HF production as the chemical reaction forming HF is suppressed by alkaline conditions. Based on this analysis, there is no further consideration of hydrogen cyanide or hydrogen fluoride release.

In some cases high humidity can affect SPL and release toxic and flammable gases. The high humidity can cause a slow reaction at the surface of the SPL releasing ammonia, acetylene, methane, hydrogen cyanide and hydrogen fluoride. The reaction would occur at the surface only, releasing insignificant quantities of gas. Nevertheless over a period of time, these gases can build up in confined spaces leading to dangerous and flammable atmospheres. The proposed TAC SPL storage area is fully vented with draft fans drawing air from the storage space through dust collection units thus preventing build up of gas in the storage area.

Fresh air is currently drawn into the storage area as air is removed from the space by the fans. The fans operate on a 24 hour basis, reducing the likelihood of gas build up in the building. The slow release rate of gas and the vent fans result in a low risk of toxic or flammable gas build up at this facility.

B2.2 Chemical Reactions

The mixing of water and SPL results in a reaction that takes place according to the equation:

$Al_2C_6 + 3(H_2O) \rightarrow C_2H_2 + Al_2O_3$

and

$Al_4C_3 + 6\ H_2O \rightarrow 3\ CH_4 + 2\ Al_2O_3$

Assuming each of the carbides mix stoichiometrically with water, the following amounts of acetylene and methane are produced:

Al_2C_6 = 1kg of water mixed with 2.33kg of carbide leads to 1.44kg of acetylene

Al_4C_3 = 1kg of water mixed with 1.33kg carbide leads to 0.44kg of methane.

B3 MASS OF WATER REQUIRED TO RELEASE HAZARDOUS LEVELS OF AMMONIA, ACETYLENE & METHANE

B3.1 General Theory

The density of a gas in a specified volume can be determined from the relationship:
Density [ρ] = molecular weight/22.412 grams/litre.

Each material has a specific hazard level at which ignition will occur (lower explosive limit or LEL for flammable gases – acetylene and methane) or toxic impact will occur (ammonia). These levels are:

- Ammonia (L_{C50})– 11,500ppm (Ref.8 – main report)
- Acetylene (LEL) – 2.3% or 23,000ppm (Ref.7 – main report)
- Methane (LEL) – 5% or 50,000ppm (Ref.7 - main report)

The volume of water required to generate the specific levels of hazardous gas can therefore be calculated using the density relationship and the hazard levels above. This analysis is conducted in detail below.

B3.2 Water Required to Generate Hazardous Levels of Ammonia

An elevation and end elevation of the building in which the SPL will be stored is shown at **Figure B1**. The volume of the building from the dimensions shown is 22,744m^3.

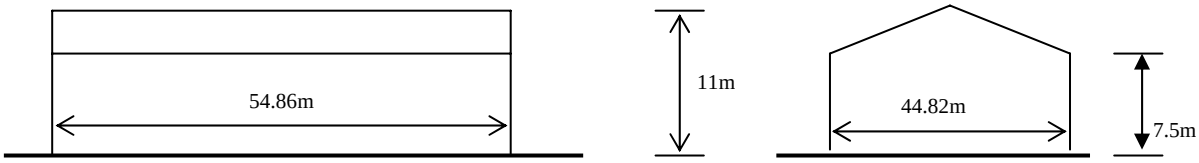

FIGURE B1
DIMENSIONS OF SPL STORAGE BUILDING

Whilst it is recognised that localised water mixing and higher concentrations of the gas may be present at specific locations, personnel impacted by the gas at these locations may leave the area and move to an uncontaminated area, which will facilitate recovery from any symptoms of impact. It has been assumed that only a building full of gas at a hazardous level will result in impact to personnel as they will not be able to escape to a clear area in sufficient time.

Hence, if ammonia gas filled the full volume of the building, the density of gas would be:
Density [ρ] = molecular weight/22.412 grams/litre

Where molecular weight of ammonia is 17 (based on the chemical formula of NH_3)

Density = 17/22.412 = 0.76grams/litre or kg/m^3

The selected hazardous impact level for ammonia is 11,500ppm or 0.0115 of the normal density of the gas in a given space. Hence, the density of ammonia in air at 11500ppm = 0.0115 x 0.76 = 0.0085 kg/m^3. The volume of the building is 22,744m^3, therefore the mass of ammonia released, in order to reach 11,500ppm, would need to be 0.085 x 22,744 = 193.3kg.

From **Section B1.1.2**, the quantity of ammonia produced per kg water is 0.315kg and it was stated above (**Section B2.1**) that only 90% of the water is available for ammonia production (the remaining 10% goes to acetylene/methane production). Therefore the amount of water required to produce 193.3 kg of ammonia is:

Quantity of water = 193.3/(0.315 x 0.9) = 682kg.

This analysis assumes complete mixing and all water available for ammonia production (i.e. no account of side or exothermic reactions).

B3.3 Water Required to Generate Hazardous Levels of Acetylene

By similar analysis to that conducted above for ammonia:

Density [ρ] = molecular weight/22.412 grams/litre

Where molecular weight of acetylene is 26, based on a chemical formula of C_2H_2.

Density = 26/22.412 = 1.16grams/litre or kg/m^3

The selected hazardous impact level for acetylene (LEL) is 23,000ppm or 0.023 of the normal density of the gas in a given space. Hence, the density of acetylene in air at 23,000ppm = 0.023 x 1.16 = 0.027 kg/m^3. The volume of the building is 22,744m^3, therefore the mass of acetylene released, in order to reach 23,000ppm, would need to be 0.027 x 22,744 = 614kg.

From **Section B1.1.2**, the quantity of acetylene produced per kg water is 1.44kg and it was stated above (**Section B2.1**) that only 10% of the water is available for acetylene/methane production, which has been apportioned to half of this amount (5%) for each gas. Therefore the amount of water required to produce 614 kg of acetylene is:

Quantity of water = 614/(1.44 x 0.05) = 8,528 kg or 8.5 tonnes.

This analysis is very conservative and assumes complete mixing and all water assumed available for acetylene production will produce the gas (i.e. no account of side or exothermic reactions). Hence, in reality, more water would be required to produce an acetylene LEL in the building.

B3.4 Water Required to Generate Hazardous Levels of Methane

By similar analysis to that conducted above for ammonia and acetylene:

Density [ρ] = molecular weight/22.412 grams/litre = 16/22.412 = 0.71grams/litre or kg/m^3

The selected hazardous impact level for methane (LEL) is 50,000ppm or 0.05 of the normal density of the gas in a given space. Hence, the density of methane in air at 50,000ppm = 0.05 x 0.71 = 0.0355kg/m^3. The volume of the building is 22,744m^3, therefore the mass of methane released, in order to reach 50,000ppm, would need to be 0.0355 x 22,744 = 807.4kg.

From **Section B1.1.2**, the quantity of methane produced per kg water is 0.44kg and it was stated above (**Section 2.1**) that only 10% of the water is available for acetylene/methane production, which has been apportioned to half of this amount (5%) for each gas. Therefore the amount of water required to produce 340 kg of methane is:

Quantity of water = 807.4/(0.44 x 0.05) = 36,700kg or 36.7 tonnes.

This analysis assumes complete mixing and all water assumed available for methane production will produce the gas (i.e. no account of side or exothermic reactions).

B3.4 Summary of Water Requirements to Generate Hazardous Quantities of Toxic & Flammable Gases

The quantities of water required to generate hazardous levels of toxic and flammable gases are presented in **Table B1**.

TABLE B1
SUMMARY OF LEVELS OF WATER REQUIREMENTS TO GENERATE HAZARDOUS QUANTITIES OF FLAMMABLE & TOXIC GASES

Flammable/Toxic Gas Generated	LEL or LC_{50} (in the bld)	Quantity of gas Generated	Quantity of Water Required
Ammonia (NH_3)	11,500ppm	193.	682
Acetylene (C_2H_2)	2.3%	614	8.5 tonnes
Methane (CH_4)	5%	807.4kg	36.7 tonnes

APPENDIX C

SPL-MATERIAL SAFETY DATA SHEET (extract)

TOMAGO SPENT POTLINING CARBON BYPRODUCT

Chemwatch Material Safety Data Sheet
Issue Date: 10-May-2007
NC317ECP

CHEMWATCH 4686-68
Version No:5
CD 2007/2 Page 1 of 18

Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME
TOMAGO SPENT POTLINING CARBON BYPRODUCT

SYNONYMS

PROPER SHIPPING NAME
WATER- REACTIVE SOLID, CORROSIVE, N.O.S.
(contains sodium hydroxide)

PRODUCT USE
Raw material feed to produce kiln fuel. IN THE PREPARATION OF FEEDSTOCK MATERIAL WATER CAN BE ADDED IN CONTROLLED WELL VENTILATED CONDITIONS.

SUPPLIER

Company: Tomago Aluminium Co
Address:
PO Box 405
Raymond Terrace
NSW, 2324
AUS

Company: Tomago Aluminium Co
Address:
Tomago Road
Tomago
NSW, 2322
AUS
Telephone: +61 2 4966 9669
Fax: +61 2 4966 9711

Section 2 - HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE
HAZARDOUS SUBSTANCE. DANGEROUS GOODS. According to the Criteria of NOHSC, and the ADG Code.

POISONS SCHEDULE
S6

RISK
Reacts violently with water liberating extremely flammable gases.
Harmful if swallowed.
Contact with acids liberates very toxic gas.
Causes burns.
Risk of serious damage to eyes.
Harmful: danger of serious damage to health by prolonged exposure through inhalation.
Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY
Never add water to this product.

Keep locked up.
Do not breathe dust.
Avoid contact with eyes.
Wear suitable protective clothing.
Keep container dry.

Use only in well ventilated areas.

Keep container in a well ventilated place.

Take off immediately all contaminated clothing.
In case of accident or if you feel unwell IMMEDIATELY contact Doctor or Poisons Information Centre (show label if possible).

continued...

TOMAGO SPENT POTLINING CARBON BYPRODUCT

Chemwatch Material Safety Data Sheet
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Section 2 - HAZARDS IDENTIFICATION

This material and its container must be disposed of as hazardous waste.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

NAME	CAS RN	%
carbon, non- activated	7440-44-0	50-75
silica crystalline - quartz	14808-60-7	0-6
sodium hydroxide	1310-73-2	2-4
sodium fluoride	7681-49-4	9-11
sodium aluminium fluoride	15096-52-3	3-8
calcium fluoride	7789-75-5	0-1
calcium oxide	1305-78-8	1-2
aluminium oxide	1344-28-1.	2-10
aluminium	7429-90-5	0-3^
iron	7439-89-6	0-1^
ferric oxide	1309-37-1	0-2^
sulfur	7704-34-9.	0-2^
free cyanide		0-0.1

Section 4 - FIRST AID MEASURES

SWALLOWED

- If swallowed do NOT induce vomiting.
- If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.
- Observe the patient carefully.
- Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.
- Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.
- Seek medical advice.

EYE

If this product comes in contact with the eyes:
- Immediately hold eyelids apart and flush the eye continuously with running water.
- Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
- Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.
- Transport to hospital or doctor without delay.
- Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

SKIN

If skin contact occurs:
- Immediately remove all contaminated clothing, including footwear.
- Flush skin and hair with running water (and soap if available).
- Seek medical attention in event of irritation.

INHALED

- If dust is inhaled, remove from contaminated area.
- Encourage patient to blow nose to ensure clear breathing passages.
- Ask patient to rinse mouth with water but to not drink water.
- Seek immediate medical attention.

Appendix F

Human Health Risk Assessment

Appendix F Human Health Risk Assessment

AECOM Imagine it. Delivered.

Regain Services Pty Ltd
30-Aug-2018

Human Health Risk Assessment

Regain Tomago - Project Modification

Human Health Risk Assessment

Regain Tomago - Project Modification

Client: Regain Services Pty Ltd

ABN: 80009714824

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30-Aug-2018

Job No.: 60512726

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Quality Information

Document Human Health Risk Assessment

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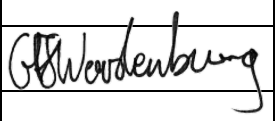
0	30-Aug-2018	Final	Gabriel Wardenburg Project Manager	

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Executive Summary

AECOM Australia Pty Ltd (AECOM) was engaged by Regain Services Pty Ltd (Regain) to undertake a Human Health Risk Assessment (HHRA) for their Regain Tomago facility located within the Tomago Aluminium site (the Site). The Site location is shown on **Figure F1**, **Appendix A**, while the Site setting and surrounding land uses is illustrated on **Figure F2, Appendix A**.

The HHRA supports the Environmental Assessment (EA) prepared by AECOM as part of the Part 3A Modification Request (06_0050 MOD 2) to Project Approval 06_0050 under *Environmental Planning and Assessment Act 1979 (NSW)* (EP&A Act). The project includes consideration and assessment of the proposed increase in Spent Pot Lining (SPL) processing capacity from 20kT to 60kT per annum at the Regain Tomago facility. The proposed modification includes:

- Operation of a 20,000 tpa and 40,000 tpa thermal treatment plant (consisting of a rotary kiln and water reaction mixer) and associated emission points;
- Operation of a dust collector servicing Shed 5 (where SPL preparation activities are undertaken) and an associated emission point;
- Operation of a drying plant dust collector and associated emission point;
- Operation of a fine grinding plant and associated emission points; and
- Revising the previously approved site layout to accommodate the revised plant configuration.

The NSW Department of Planning and Environment (DP&E) Environmental Assessment Requirements (EARs) were issued for the proposed modification (06_0050 MOD 2) on 20 December 2017. The EARs required that the EA must include an assessment of the potential human health risks associated with the processing of SPL.

This HHRA has been prepared to assess the potential health risks to surrounding human receptors resulting from exposure to Regain Tomago air emissions associated with the processing of SPL during normal operations and at the proposed maximum Environment Protection Licence (EPL) limits of the facility.

Two future operating scenarios were considered as part of the HHRA, as detailed in the table below.

Scenario ID	Scenario Name	Description	Consideration in HHRA
1	Typical Operating Conditions	• Based on standard operating conditions, with the SPL facility operating continuously at the proposed 60 kT per year. • All existing point sources modelled using average source emission data. • Scenario 1 is considered to be most representative of the future operating conditions with the proposed SPL facility.	Chronic health assessment as this scenario was considered to represent conservative operating conditions at the Site.

Scenario ID	Scenario Name	Description	Consideration in HHRA
2	Proposed Maximum EPL Limits	• SPL facility operating continuously using proposed maximum EPL limits. • All existing point sources modelled using average source emission data. • Scenario 2 is representative of theoretical worst-case impacts using the proposed maximum licence limits and is unlikely to ever occur, and if so unlikely to be for long periods of time.	Chronic health assessment as this scenario was considered to represent theoretical worst case operating conditions at the Site.

Potential acute or upset conditions were not assessed as there were no upset conditions that were considered likely for the SPL facility (i.e. the facility has an auto shutdown feature which ceases emissions from the stacks if there are operational issues).

The following human receptors were considered in this HHRA based on the surrounding land uses:

- Off-site residents, including caravan parks;
- Off-site recreational users; and
- Off-site commercial workers.

Exposure to air and deposition of particulates (which could deposit onto soil) was identified as a potential exposure pathway which warranted higher tiers of assessment. Pathways that have been considered to be complete for the Site and were therefore assessed in the HHRA include:

- Inhalation of vapours and dust in indoor and outdoor air (inhalation pathway assessment).
- Ingestion of home-grown fruit and vegetables by residents (multiple exposure pathway assessment).
- Ingestion of eggs from home-grown chickens by residents (multiple exposure pathway assessment).
- Ingestion of home-grown beef (multiple exposure pathway assessment).
- Ingestion of breast milk by infants (multiple exposure pathway assessment).

The maximum annual average ground level concentrations (100^{th} percentile) at each receptor and grid maximum concentrations were adopted for Scenario 1 (normal operational conditions) and Scenario 2 (operational conditions at proposed maximum EPL limits). Additionally, annual dust deposition rates for the identified bioaccumulative contaminant were used to estimate contaminant concentrations in soil for consideration in the multiple pathway assessment for both scenarios.

Scenario 1 (Normal Operational Conditions)

Using maximum annual average exposure point concentrations (EPCs) and grid maximum EPCs, estimated conservative screening (upper-bound) Incremental Lifetime Cancer Risk (ILCR) estimates for off-site receptors considered in the inhalation and multiple pathway assessments were found to be below the adopted acceptable risk level of 1×10^{-5}, and hazard indices were below the adopted acceptable hazard index of 1.0.

Scenario 2 (Operational Conditions at Proposed Maximum EPL Limits)

Using the maximum annual average EPCs estimated conservative screening (upper-bound) ILCR estimates for off-site receptors considered in the inhalation and multiple pathway assessments were found to be below the adopted acceptable risk level of 1×10^{-5}, and hazard indices were below the adopted acceptable hazard index of 1.0.

Using the grid maximum EPCs estimated conservative screening (upper-bound) ILCR estimates for off-site residents considered in this multi-exposure parameter assessment for Scenario 2 were found to be below the adopted acceptable risk level of 1×10^{-5}, and the hazard indices were marginally above the adopted acceptable hazard index of 1.0. However, this scenario is considered to be overly conservative i.e. a resident exposed to the modelled maximum annual average concentration at the operational conditions for the proposed maximum EPL limits for all Chemicals of Potential Concern (CoPC), for 24 hours a day, 365 days a year for 30 years. Scenario 2 is representative of theoretical worst case impacts operating at licence limits and is unlikely to be realised. Additionally, the grid maximum location was identified approximately 80 metres (m) north-west of the Site, on land currently zoned as General Industrial and not as residential land.

While these risk estimates were based on a number of conservative assumptions and were considered to overestimate actual risk to receptors, it is generally not considered necessary to further refine the assumptions given that the risk estimates were below adopted acceptable levels. Overall the estimated health risks to off-site residents, recreational users and commercial workers from inhalation and residents from direct contact pathways under normal and at the proposed maximum licence limit operating conditions were considered low and acceptable.

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1.0 Introduction

AECOM Australia Pty Ltd (AECOM) was engaged by Regain Services Pty Ltd (Regain) to undertake a Human Health Risk Assessment (HHRA) for their Tomago facility located within the Tomago Aluminium site (the Site). The Site location is shown on **Figure F1**, **Appendix A**, while the Site setting and surrounding land uses is illustrated on **Figure F2, Appendix A**.

1.1 Background

The HHRA supports the Environmental Assessment (EA) prepared by AECOM as part of an application to modify Project Approval 06_0050 under the *Environmental Planning and Assessment Act 1979* (EP&A Act). The project includes consideration and assessment of the proposed increase in Spent Pot Lining (SPL) processing capacity from 20kT to 60kT per annum at the Regain Tomago facility. The proposed modification includes:

- Operation of a 20,000 tpa and 40,000 tpa thermal treatment plant (consisting of a rotary kiln and water reaction mixer) and associated emission points;
- Operation of a dust collector servicing Shed 5 (where SPL preparation activities are undertaken) and an associated emission point;
- Operation of a drying plant dust collector and associated emission point;
- Operation of a fine grinding plant and associated emission points; and
- Revising the previously approved site layout to accommodate the revised plant configuration.

Environmental Assessment Requirements (EARs) were issued by the NSW Department of Planning and Environment (DP&E) for the proposed modification (06_0050 MOD 2) on 20 December 2017. The revised EAR's required that that the EA must include an assessment of the potential human health risks associated with the processing of SPL.

This HHRA has been prepared to assess potential health risks to surrounding off-site human receptors resultant from the exposure to Regain Tomago air emissions associated with the proposed increased processing of 60,000 tpa of SPL at the facility. The evaluation of the risks to on-site workers involved in the operation of the SPL processing facility has not been evaluated as their exposures are addressed via the implementation of appropriate occupational health and safety procedures and management plans.

This HHRA has been has been written in conjunction with other available technical reports including:

- AECOM, 2018. Air Quality Impact Assessment, Regain Tomago – Project Modification. AECOM Australia Pty Ltd. August 2018.

1.2 Objective

The objective of the HHRA is to assess potential health risks to surrounding identified human receptors that may be exposed to emissions from the modified Regain Tomago facility.

1.3 Framework and Methodology

The HHRA was undertaken in accordance with relevant nationally adopted guidelines for a health risk assessment, including:

- Environmental Health Risk Assessment: Guidelines for Assessing Human Health Risks from Environmental Hazards. Department of Health and Ageing and enHealth Council, Commonwealth of Australia (enHealth, 2012a).
- Australian Exposure Factor Guide, Department of Health and Ageing and enHealth Council, Commonwealth of Australia (enHealth, 2012b).

- National Environment Protection (Assessment of Site Contamination) Measure (ASC NEPM) 1999, National Environment Protection Council (NEPC), as amended and in force on 16 May 2013 (ASC NEPM, 2013).
- Human Health Risk Assessment Protocol for Hazardous Waste Combustion Facilities. Office of Solid Waste, US Environmental Protection Agency (US EPA, 2005).

Additionally, the HHRA was consistent with the NSW Environment Protection Authority (EPA) Guidelines for the NSW Site Auditor Scheme (3rd Edition) (NSW EPA, 2017).

1.4 Scope of Work

The scope of work for the risk assessment, in accordance with enHealth (2012a) and ASC NEPM (2013) guidance included the following five stages:

1.4.1 Stage 1: Issues Identification

The purpose of Stage 1 was to identify the problems that the risk assessment needed to address and to establish the context for the risk assessment. It comprises a number of phases, including:

- review of existing reports applicable to the HHRA (as identified in **Section 1.1**) to determine whether further assessment of potential human health risks was required.
- identification of Chemical of Potential Concern (CoPC) and determination of whether there are hazards amendable to risk assessment;
- setting the hazards into their environmental health context;
- identification of potential interactions between the agents, to include transport and migration pathways; and
- stating why a risk assessment was required, and the scope and objectives of the HHRA.

This stage included the development of a Conceptual Site Model (CSM) for the Site outlining the source-pathway-receptor linkages. This is further discussed in **Section 4.0**.

1.4.2 Stage 2: Hazard Identification

During Stage 2, the potential hazards from the CoPC identified in Stage 1, were identified by characterising the adverse health effects that might be caused by long term exposure to the CoPC. This included an assessment of chronic health effects (during typical operating conditions).

This was achieved by undertaking a review of toxicity information published by Australian or international regulatory agencies (e.g. National Health and Medical Research Council (NHMRC), World Health Organization (WHO), Agency for Toxic Substances and Disease Registry (ATSDR), United States Environmental Protection Agency (US EPA)).

1.4.3 Stage 3: Dose-Response Assessment

The Stage 3 dose-response assessment examines the quantitative relationships between exposure to the CoPC and the associated health effects. The determination of whether there is a hazard is often dependent on whether a dose-response relationship is present. Relevant toxicity values for the identified CoPC will be obtained from sources recognised by Australian regulatory agencies in accordance with the hierarchical approach detailed in Section 5.12 of enHealth, 2012a.

Incremental impacts and appropriate slope factors (unit risk factors) were used for compounds where no acceptable “safe” threshold is provided (i.e. carcinogenic compounds). For those threshold compounds (i.e. non-carcinogenic compounds), appropriate reference concentrations (RfC) were used following an adjustment for background exposure (see below). It should be noted that some compounds are considered to be both threshold and non-threshold, and have been assessed as such.

AECOM took into consideration background exposure that the human receptors may have to the threshold CoPC assessed in the HHRA, and adjusted (i.e. reduced) the published toxicity data accordingly. Background exposure is the extent to which the exposed population is exposed to the CoPC in food, drink, ambient air and consumer products as part of their daily lives.

1.4.4 Stage 4: Exposure Assessment

During Stage 4, AECOM assessed the exposure magnitude, frequency, extent, character and duration for the identified sensitive receptors and the potential exposure pathways.

Appropriate human exposure parameters were selected in accordance with enHealth (2012b) and ASC NEPM (2013).

In accordance with enHealth (2012a) guidance, it was assumed that the concentration of vapours and particulates inside a building was 100% of the level predicted in the outside air.

1.4.5 Stage 5: Risk Characterisation

Risk characterisation is the qualitative and/or quantitative estimate outcome of the risk assessment. During this stage the nature and potential incidence of adverse health effects to receptors based on comparison of estimated contaminant intake or exposures to relevant toxicity (dose-response) criteria was characterised. The risk estimate for each individual chemical and exposure pathway was summed to produce the cumulative risk estimate for each exposure scenario.

For non-threshold (carcinogenic) CoPC, the incremental lifetime cancer risk estimates for each receptor was compared to an *acceptable* carcinogenic risk level of 1 in 100,000 (1×10^{-5}) (enHealth, 2012a).

For threshold (non-carcinogens) CoPC, potentially *unacceptable* chemical intake/exposure was indicated if the exposure level exceeded the Tolerable Daily Intake (TDI) or Tolerable Concentration (TC) (i.e. if the HQ is greater than 1.0) (enHealth, 2012a).

If the risk acceptability criteria for non-threshold and threshold CoPC were exceeded, a more detailed and critical evaluation of the risk was conducted, or appropriate risk management measures were recommended.

A sensitivity and uncertainty analysis was undertaken that includes a discussion of the key uncertainties associated with the HHRA process and the assumptions adopted for the exposure modelling. The risk estimates should be considered in the context of identified uncertainties.

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2.0 Site Description and Setting

2.1 Site Description

Table 1 Site Details

Item	Description
Site Identification	Regain Tomago SPL processing Facility
Site Address	638 Tomago Road, Tomago, NSW 2322
Title Identification Details	Lot 3 DP 808004
Site Owner	Regain Services Pty Ltd
Site Location	Tomago Aluminium site (blue rectangle) and the Regain SPL processing facility (green border) is shown in **Figure F1, Appendix A**
Local Context	**Figure F2, Appendix A**
Current Site Layout	**Figure F3, Appendix A**

The Site is zoned as *IN1– General Industrial* under the Port Stephens Local Environmental Plan 2013. It is noted that the area surrounding the Site is zoned RE1 (public recreation), IN1 (general industrial), E2 (environmental conservation) and RU2 (rural landscape) (refer to **Figure F2, Appendix A**).

2.2 Site Location

The Regain SPL processing facility (a 0.9 hectare site) is located within the existing Tomago Aluminium smelter site (a 500 hectare site) situated on the NSW east coast approximately 13 km northwest of the central business district of Newcastle. The site is within the Port Stephens local government area (LGA), on Tomago Road, Tomago NSW. The regional context of the Tomago Aluminium site (blue rectangle) and the Regain facility (green border) is shown in **Figure F1, Appendix A.** The current Regain SPL facility layout within the Tomago Aluminium site, including the stack locations are presented in **Figure F3, Appendix A**.

2.3 Surrounding Land Uses

The current land uses, based on Council zoning, surrounding the Site are shown on **Figure F2 Appendix A**. A description of the surrounding land uses are provided in **Table 2** below.

Table 2 Surrounding Land Uses

Direction from Site	Land Use
North	Undeveloped land and an industrial plant (unknown name), beyond which are large areas of undeveloped land, followed by the Hunter Region Botanic Gardens.
East	Undeveloped land and Industrial facilities including the Varley Group (engineering and manufacturing), Setco Australia, Redicrete, Compass Pools Australia. Further east is undeveloped land and more industrial facilities including Glade Manufacturing and Sales, Omega Chemicals Kyzac Coatings and Hunter Valley Concrete Pumping Service.
South	Commercial/Industrial facilities including Biz Industries, Wheeler Cranes and Brent and Warburton (engineering) and some areas of undeveloped land, beyond which is Tomago Road. Across Tomago road are Tomago Bowling and Sporting Club, Tomago Periodic Detention Centre, TW Woods Construction and Tank Solutions, beyond which is the Hunter River. The Hunter Wetlands National Park is located south of the River.
West	A small strip of undeveloped land, followed by commercial/Industrial facilities including ATB Morton, PPK Mining Equipment Pty, IOR Petroleum Newcastle, beyond which is Old Punt Road. More commercial/industrial properties are located across Old Punt Road including J.A Martin Electrical and Hunter Valley Compressors. The Tomago Village Van Park is located further west of the site.

2.4 Current Site Operations

Tomago Aluminium has three potlines, each containing 280 pots used for the smelting of Aluminium. Potlining has a life cycle of six to seven years, over which time it becomes contaminated with materials such as alumina, aluminium, calcium, fluoride compounds and sodium. Cyanide compounds and aluminium carbide can also be created in the reducing atmosphere of the pots and infiltrate the potlining. The deteriorated potlining, known as spent potlining (SPL), is regularly replaced as part of the periodic individual rebuilding of the pots. Potlining is typically removed in two stages. First-cut SPL is the removed carbon cathode lining, whilst second-cut SPL is the removed refractory lining. SPL is removed from the pots at the smelter's Deline facility.

The current SPL processing plant and amenities are located in two adjacent existing buildings on the Tomago Aluminium site, known as SPL Sheds 5 and 6. SPL Shed 5 is adjacent to the Tomago Aluminium Deline facility, where the SPL is removed from the pots. Each building is 55 m long x 50 m wide (floor area of 2,750 m^2). The building sides (north and south) are fitted with louvre type ventilation panels. The steel retaining walls are sealed to the floor excluding the two doorways per building.

The current approval associated with the 2009 EA provided for plant items as follows:

- Materials preparation – including SPL crushing, sizing, grinding and storage facilities.
- SPL Thermal treatment – including a rotary kiln and water reaction mixer.
- Product plant – including blending, drying and final product crushing and storage facilities.

Existing plant constructed to date is in general accordance with the project description provided in the ENSR/AECOM, 2009 *Environmental Assessment, Construction and Operational of a Spent Potliner Processing Facility* (2009 EA), Tomago which stated that:

- The heat treatment plant (which would include a rotary kiln and water reaction mixer) and product plant (where grinding and blending, drying, final product crushing and storage would be undertaken) would be located between Shed 5 and Shed 6; and
- Plant associated with the existing 20,000 tpa plant, including conveyors, crushing, grinding and sizing equipment, raw material and product bins, etc., may be retained and utilised in the proposed project.

2.4.1 Discharge Points

All externally-located plant is enclosed, and all emissions from the project occur via independent dust extraction and collection points:

- Thermal treatment plant dust collector.
- SPL Shed 5 and Deline facility air filter (SPL preparation facilities).

The SPL processing and product storage facilities are fully sealed, including covered conveyors and sealed atmospheric storage bins. Ductwork is installed throughout the process plant system and connected to dust generating areas such as mills, crushers, conveyors, storage bins and the kiln/dryer. The dust extraction systems maintain a negative pressure within the process system and buildings, preventing the escape of fugitive dust.

Dust is collected via the baghouse dust collectors, which is fitted with alarm systems to immediately shut down plant operations in the event of baghouse failure. Visual and audible alarms sound within the plant buildings, with the alarm displaying on the plant control system monitoring display. Collected particulate matter feed back through the production cycle.

The dust extraction systems draws air from within each building at the roof ridgeline, and pass it through dust filter/baghouse facilities. The air discharge from each baghouse is directed to atmosphere via stacks. The solid discharge from each baghouse is collected and fed to the products blending hopper.

2.4.2 Control Measures

Regain has developed an extensive control system for their facilities to manage air emissions from their plant. Control measures are focused around the operation of suitable baghouse dust collectors and process operational controls e.g. control of process materials, housekeeping etc.

The approved SPL processing facility is operated and maintained to ensure the following:

- Mitigation of fugitive emissions by maintaining the processing plant and buildings under negative pressure.
- Destruction of cyanide and hazardous gases by control of the processing stages.
- Minimal formation of incomplete combustion products and liberation of gaseous fluoride by control of the thermal treatment process (i.e. maintaining the temperature below 850^{o}C).
- Minimal emissions of particulate matter and particulate-bound contaminants such as fluoride by the appropriate operation of baghouse dust collectors.
- Minimal dust generation from concrete apron areas by the application of appropriate housekeeping practices.

2.5 Proposed Site Modifications and Operations

The project is to modify the existing SPL processing facility on site at the Tomago Aluminium smelter which reduces the hazardous nature of a waste material through thermal treatment thereby recycling a waste material into a useable end-product.

The project (as modified) would generally comprise:

- Materials preparation: This would involve SPL crushing and sizing, and would be located in Shed 5. Quantities of SPL would continue to be stockpiled in Shed 5. No modification to existing material preparation processes is proposed as a result of this modification;
- Thermal treatment: This would involve a heat treatment process which would destroy the cyanide and neutralise the flammable gas hazard associated with SPL while retaining valuable materials such as carbon, fluorides, and other inorganic compounds. Thermal treatment would occur between Shed 5 and Shed 6;

- Product preparation: The product plant would involve drying and grinding treated SPL to suit product specification. Product plant elements would be located between the two existing buildings;
- Storage of materials: Quantities of SPL would continue to be stored in Shed 5. Treated product would be stored in Shed 6; and
- Daily truck movement to and from site for unloading SPL material for treatment and loading for delivery and distribution of treated products via road trucks.

To reach the target capacity of 60,000tpa and other product specifications, it is proposed to operate an optimised configuration utilising the thermal treatment process elements of both the originally proposed project and an additional thermal treatment plant and fine grinding mill. An overview of the revised project configuration which pertains to this air quality impact assessment is provided in **Table 3**.

Table 3 Overview of Revised Project Configuration

Project Configuration (2009 EA)	Revised Project Configuration
Stack 1 - Thermal treatment plant dust collector (EPL Point 1)	Stack 1 – Thermal treatment plant dust collector (EPL Point 1)
	Stack 2 - Additional thermal treatment plant dust collector (New EPL Point)
Stack 2 Drying and blending plant dust collector (EPL Point 2)	Stack 3 – Drying plant (EPL Point 2)
	Stack 4 – Fine Grinding Stack (New EPL Point)
Stack 3 - Shed 5 and Deline facility air filter (EPL Point 3)	Stack 5 - Shed 5 and Deline facility air filter (EPL Point 3)

A conceptual layout of the modified site plan associated with the Project, including the location of the as-built SPL Processing Plant, and the proposed new fine grinding plant and drying plant is provided in **Figure 1**.

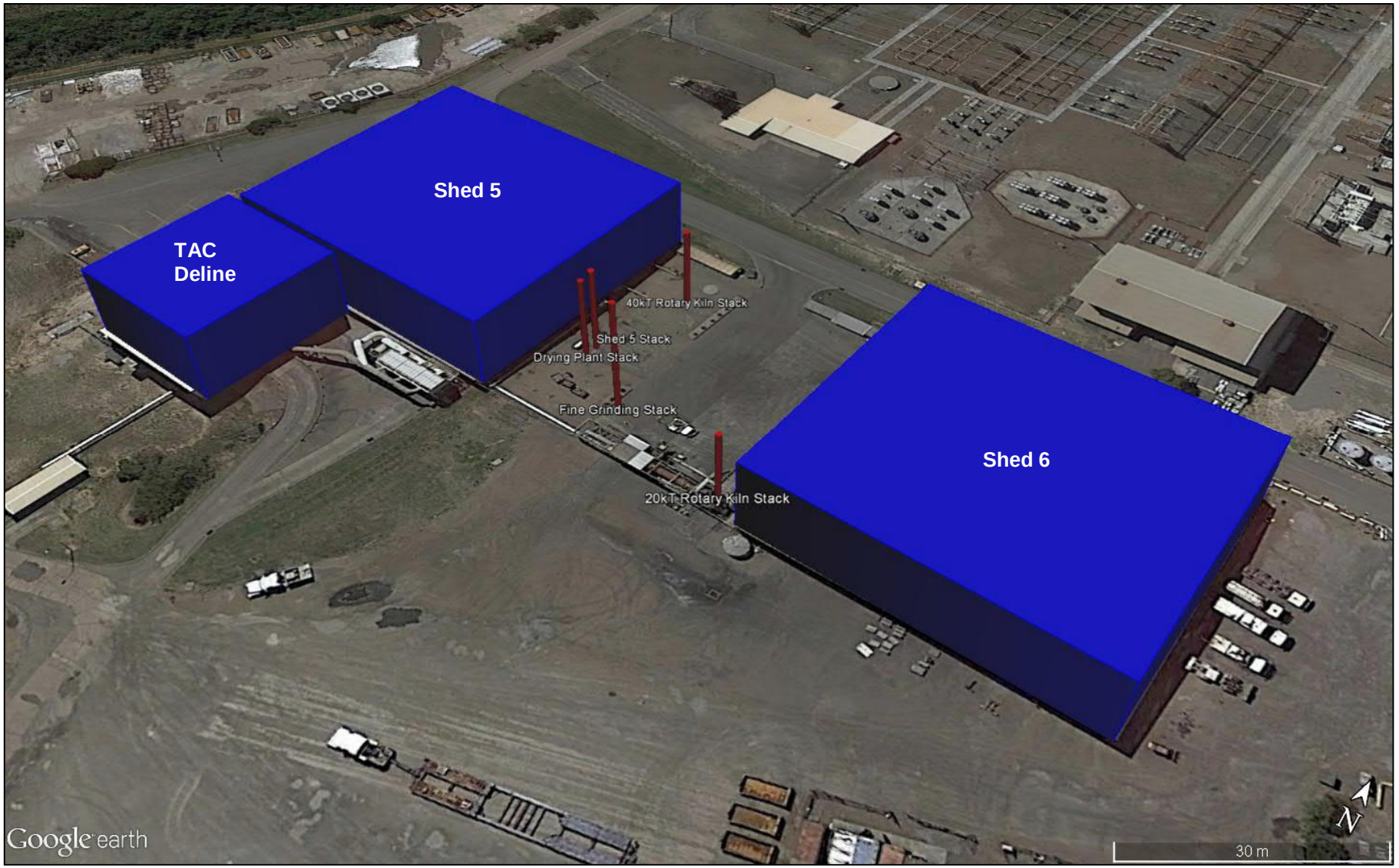

Figure 1 Regain Tomago Facility Layout

2.6 Meteorological Conditions

The meteorological conditions used in the dispersion modelling are detailed in the *Air Quality Impact Assessment, Regain Tomago – DA Modification* (AECOM, 2018) and are summarised below.

The Bureau of Meteorology (BoM) records long-term meteorological data at a number of automatic weather stations across the country. The BoM operate a meteorological weather station at Williamtown (Station number 061078) located approximately 12km east northeast of the site, and records temperature, rainfall, wind speed and wind direction. Selected long-term regional meteorological data were obtained from the BoM Williamtown monitoring station; a summary is provided in the following sections.

2.6.1 Climate

The study area experiences a warm to moderate climate. The warmest temperatures occur during the summer months, with the highest average maximum temperature (28.1^{o}C) occurring in January. July is the coldest month, with a recorded average minimum temperature of 6.4^{o}C.

The annual average rainfall for the area is 1127 millimetres (mm) over 85 days a year. June is the wettest month, with an average rainfall of 121 mm, while August is driest month with an average rainfall of just 60.5mm. Humidity follows a diurnal cycle, with higher humidity in the morning compared to the afternoon.

2.6.2 Wind Direction

Wind speed and direction are largely affected by topography at the small scale, while factors such as synoptic scale winds affect wind speed and direction on the larger scale. Wind speed and direction are important variables in assessing potential air quality impacts, as they dictate the direction and distance air pollutant plumes travel.

Daytime wind speeds were found to be moderate, with higher wind speeds occurring in the afternoon compared to the morning. The annual average 9am wind speed recorded is 13.7 kilometres per hour (km/h) and the annual average 3pm wind speed was 20.2 km/h. Seasonally, wind speeds are higher during the warmer months with the highest average wind speed occurring in December at 23.5 km/h. The long-term wind roses show that on an annual basis the dominant wind direction is from the northwest quadrant during the mornings and from the southeast quadrant during the afternoons.

2.7 Existing Air Quality

The NSW Environment Protection Authority (EPA) operates a number of air quality monitoring stations in the Lower Hunter. The closest monitoring station site to the Regain Tomago site is located at Beresfield (5 km of the Site). This station records hourly particulate concentrations (PM_{10} and $PM_{2.5}$) using a Tapered Element Oscillating Microbalance (TEOM), nitrogen dioxide (NO_2) and sulfur dioxide (SO_2).

The ambient air quality monitoring data is presented in the Air Quality Impact Assessment (AECOM, 2018) and a summary of the monitoring data for the project is provided in **Table 4**.

Table 4 Adopted Background Air Quality Pollutant Concentrations

Pollutant	Averaging Period	Adopted Concentration (µg/m^3)	% of Criteria	Assessment Criteria (µg/m^3)
Sulfur Dioxide (SO_2)	1 hour	214.8	38	570
	24 hours	73.4	32	228
	Annual	9.8	16	60
Nitrogen Dioxide (NO_2)	1 hour	92.1	37	246
	Annual	16.9	27	62
Carbon Monoxide (CO)	1 hour	N/A	N/A	30,000
	8 hour	1.5	0.02	10,000

Pollutant	Averaging Period	Adopted Concentration (µg/m^3)	% of Criteria	Assessment Criteria (µg/m^3)
PM_{10}	24 hour	43.3	87	50
	Annual	18.7	75	25
Lead	Annual	N/A	N/A	0.5
Total Suspended Particulates	Annual	N/A	N/A	90
Hydrogen Fluoride (general land use)	90 days	0.20	40	0.5
	30 days	0.81	96	0.84
	7 days	1.18	69	1.7
	24 hours	N/A	N/A	2.9
Cyanide	1 hour	N/A	N/A	200
Dioxins & Furans	1 hour	N/A	N/A	$2x10^{-6}$
PAH's as benzo(a)pyrene	1 hour	N/A	N/A	0.4
Antimony	1 hour	N/A	N/A	9
Arsenic	1 hour	N/A	N/A	0.09
Cadmium	1 hour	N/A	N/A	0.018
Chromium	1 hour	N/A	N/A	0.09
Manganese	1 hour	N/A	N/A	18
Mercury	1 hour	N/A	N/A	1.8
Nickel	1 hour	N/A	N/A	0.18
Acetone	1 hour	N/A	N/A	22,000
Benzene	1 hour	N/A	N/A	29
Toluene	1 hour	N/A	N/A	360

Source: Air Quality Impact Assessment – Regain Tomago – DA Modification (AECOM 2018)

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3.0 Assessment of Data

3.1 Introduction

Air quality data used in the HHRA were derived from dispersion modelling provided in the following report:

- AECOM, 2018. Air Quality Impact Assessment, Regain Tomago – Poject Modification. AECOM Australia Pty Ltd. 22 August 2018.

AECOM has adopted 1-hour annual average ground level concentrations and grid maximum concentrations in the HHRA. For non-volatile CoPC, annual average and grid maximum dust deposition rates were adopted.

Two operating scenarios (SPL processing at typical operating conditions and SPL processing at expected licence limits) were considered as part of the HHRA. Potential acute or upset conditions were not assessed as there were no upset conditions that were considered likely for the SPL facility. The facility employs auto shutdown features which cease operations if operational issues are encountered. The building dust extraction system, including filter bags, would be fitted with a visual and audible alarm system that would sound within the plant buildings to immediately shut down plant operations in the event that the dust extraction failed. Continuous baghouse temperature monitoring (via temperature probes) would be linked to an alarm system that would alarm and shut down the plant if the inlet gas temperature to the baghouses exceeded 130^{o}C.

3.2 2018 Air Quality Impact Assessment, Regain Tomago – Project Modification

This air quality impact assessment was undertaken for the proposed capacity increase modification to the Regain facility located within the Tomago Aluminium site at Tomago, NSW. The proposed modification includes increasing the processing capacity of the site from 20,000 tpa to 60,000 tpa , by the addition of a 40,000 tpa Rotary Kiln, as well as construction of a Fine Grinding Plant. The main emissions of concern for this assessment associated with the proposed Regain operations include a range of primary air pollutants and principal air toxic substances, released during the thermal treatment of SPL.

The air quality assessment examined the existing air quality and local meteorology, outlined the relevant air quality standards and guidelines, detailed the assessment methodology through the use of the air dispersion model CALPUFF and considered the effects on air quality from the potential operational emissions.

The dispersion modelling was undertaken for the operational scenario as discussed in **Table 5**.

Table 5 Assessment Scenarios

Scenario ID	Description
1	Proposed 60kT Operations (Maximum EPL Emission Concentrations Scenario) • Assumed 24 hour operations • Emission rates calculated from the maximum EPL concentration limits listed in the Regain Tomago license for: - 20kT Rotary Kiln Stack (EPL Point 1) - 40kT Rotary Kiln/Dryer Stack (EPL Point 2) - Shed 5 Stack (EPL Point 3) - Fine Grinding Mill Stack (Proposed EPL Point 4) *Note 1 – Where no available limit was listed in the current EPL for the expected pollutants from that source, a commensurate EPL limit was proposed in line with the current limits imposed on EPL Point 1.* *Note 2 – For the speciated VOC's, where no EPL Limit was available for a pollutant to*

Scenario ID	Description
	assess in this scenario, the percentage ratio of each species compared to the Total VOC's of the available measured stack testing data from the Regain site was used to determine an appropriate emission rate. *Note 3 - For all Type 1 & 2 Metals, where no EPL Limit was available for the individual species, the percentage ratio of each elemental species compared to the Total Type 1 & 2 substances of the measured stack testing data from Regain site was used to determine an appropriate emission rate.*

Gridded receptors were selected covering a 6km x 6km grid, with 200m spacing between receptors. Additionally, a denser grid of receptors was added in a 2km x 2km grid centred on the Regain facility with 50m spacing between them. The gridded receptors were selected to ensure a representative sample of all nearby potential sensitive receptor locations were included in this assessment.

The assessment indicates that the proposed modification to the Regain facility in isolation from background pollutant sources is not likely to result in any exceedances of the ground level concentration criteria for any pollutants assessed in this AQIA. Although there was a cumulative exceedance of the short term 30-day Hydrogen Fluoride criteria predicted by the modelling, it is principally the result of the high background levels of ambient fluoride associated with the operation of the aluminium smelter within which the Regain facility is located. Additionally, the industrial location of the receptors which may potentially exceed the criteria are unlikely to be impacted by the marginally increased levels of ambient fluoride associated with the Regain contribution as there are no sensitive flora or grazing animals present.

A Green House Gas (GHG) inventory was also prepared as part of this assessment, which predicts an increase in GHG emission intensity associated with the increased production capacity, however the facilities overall contribution is very small to the state and national GHG emissions, and not expected to be of concern.

It is recommended that Regain apply the same operational mitigation measures currently in place at the facility for the 20,000 tpa rotary kiln to the additional 40,000 tpa rotary kiln to ensure the facility is able to minimise any potential for environmental harm. Additionally, it is recommended that Regain undertaken biannual emissions monitoring of all point source locations once they are all installed and operational to continually demonstrate compliance with currently licensed (and proposed) EPL concentration limits.

3.3 Data Gaps

Some data gaps which may impact the HHRA were identified based on a review of the available reports and data. Identified data gaps and the manner with which they have been addressed are summarised in **Table 6**.

Table 6 Data Gaps

Data Gap	Potential Significance	Addressed in HHRA
Inherent uncertainty of air dispersion modelling	**Moderate**: Conservatism of the air quality data. Models predict maximum concentrations for any specific set of input data (i.e. they predict the maximum concentrations that would result from a large set of observations under the specific conditions being modelled). However, for any specific hour with those exact maximum hourly conditions, the predicted ground level concentrations will never exactly match the actual pattern of ground level concentrations, due to the effects of random turbulent motions and random fluctuations in other factors such as temperature.	The HHRA has adopted annual 1-hour average concentrations based on meteorological data from a representative year (2015) to be representative of overall conditions and to account for some of the uncertainty associated with dispersion modelling. In addition, the grid maximums have been modelled for the identified receptors. This is considered to be conservative as the location of the grid maximum is directly adjacent to the western boundary of the Site, within the general industrial zoned area. Further, the distribution of Total PAH compounds analysed were based on measured PAH stack concentrations from 2014 to 2016.
It is not known when the Regain Tomago Facility will have offline periods for maintenance.	**Low**: No data available	The HHRA and AQIA (AECOM 2018) conservatively assumed that the Site will operate continuously for 24 hours per day, 7 days per week. Therefore, if the Site was to be non-operational for periods, the air quality impacts are likely to decrease.
Potential future changes of land use surrounding the Site to more sensitive uses.	**Moderate:** Identification of potential human receptors was based on a review of the Port Stephens Local Environmental Plan 2013. If these land uses were to change to more sensitive uses, the risk profile to off-site receptors would likely increase.	To address any sensitive land use changes in the future, the HHRA includes an assessment using the grid maximum ground level concentration i.e. highest annual average (chronic) ground level concentrations reported from the dispersion modelling. Adopting grid maximum concentrations ensures that the most sensitive receptor is being assessed with a 'worst-case' exposure point concentration.

Data Gap	Potential Significance	Addressed in HHRA
No assessment of consumption of chickens has been undertaken	**Low** – Not considered to be a significant pathway Excluding potentially complete exposure pathways may result in an underestimated assessment of the potential risk to human health.	The Site is located within a predominantly industrial area with residents that may keep chickens located approximately 760 m for the Site. Given the residential area is low-density and not agricultural, similar to the assumptions made in the ASC NEPM (2013), pullet chickens are considered to be kept for egg production and not for consumption purposes.
No assessment of upset conditions has been undertaken	**Low:** Not assessed.	The facility employs auto shutdown features which cease operations if operational issues are encountered. The building dust extraction system, including filter bags, would be fitted with a visual and audible alarm system that would sound within the plant buildings to immediately shut down plant operations in the event that the dust extraction failed. Continuous baghouse temperature monitoring would alarm and shut down the plant if the inlet gas temperature to the baghouses exceeded 130^{o}C. It is considered that there are no upset conditions which would cause acute inhalation exposures from the SPL facility.

4.0 Issues Identification

4.1 Data Used in the HHRA

The AQIA (AECOM 2018) provides details of the air dispersion modelling methodology and air quality results. The AQIA included modelling of relevant chemicals of potential concern (CoPC) during the operation of the Regain Tomago Facility (discussed in **Section 4.2**) and estimating representative ground level concentrations and deposition rates for each CoPC at each human receptor and grid maximum. Specifically, the data used in the chronic health assessment is outlined below in **Section 4.1.1**. The locations where grid maximum concentrations are discussed are presented in **Section 4.1.3**.

4.1.1 Chronic Health Assessment (Scenario 1 and Scenario 2)

For the chronic HHRA, for both Scenario 1 (typical operating conditions) and Scenario 2 (operating conditions at the proposed maximum licence limits), 1-hour annual average ground level concentrations (as $\mu g/m^3$, 100^{th} percentile[1]) at each receptor (i.e. residential, recreational and commercial) and grid maximum concentrations (discussed in **Section 4.1.3**) were adopted as these were considered to represent current and future off-site human exposure conditions. The '1-hour annual average concentration' is the average value (concentration) of the 1-hour averages that were predicted over an entire year. The 'grid maximum' is the highest concentration reported from all arbitrary gridded receptors.

For non-volatile CoPC, annual average and grid maximum dust deposition rates[2] (as mg/m^2/year) were estimated based on the anticipated source emission rates under typical operating conditions and at the proposed maximum EPL limits. The deposition rates were used to determine the levels of pollutants that may deposit onto soil and therefore be present via a number of additional exposure pathways other than inhalation. The deposition modelling realistically assumes dry (as opposed to wet) deposition and is estimated in CALPUFF using a multi-layer resistance model. Dry deposition entails gravitational settling, impaction and diffusion to surfaces and results in greater dispersion (i.e. emissions travel further) than wet deposition which "washes out" some airborne emissions.

4.1.2 Receptor Locations

The coordinates and description of the locations of the maximum 1 hour annual average ground level concentrations for each off-site receptor are presented below in **Table 7**.

Table 7 Receptor Locations

Receptor	Scenario	X Coordinate	Y Coordinate	Description of Location
Commercial for Scenarios 1 and 2	Chronic Scenario (Maximum annual average GLCs)	379464	6367607	Adjacent to the western boundary of the Site within the general industrial zoned area (refer to **Figure F2**).
	Chronic Scenario (Maximum annual dust deposition rates)			
Residential for Scenarios 1 and 2	Chronic Scenario (Maximum annual average GLCs)	379929	6366674	Corrective Services NSW Academy located 0.8 km southeast of the site (refer to **Figure F2**).
	Chronic Scenario (Maximum annual			

[1] It should be noted that the HHRA conservatively adopted 100^{th} percentile model predications for each averaging period while the Air Quality Assessment adopted the 99.9^{th} percentile in accordance with The Approved Methods.
[2] Given that particulate matter less than 2.5 micrometres are not readily affected by gravitational settling, to generate a non-zero outcome, deposition modelling was completed based on an assumption that all particulate matter is released within the 10 micrometre (PM_{10}) size fraction. This is considered conservative for deposition purposes, and in reality the particulate is anticipated to lie within the $PM_{2.5}$ size fraction. Deposition estimates were derived through conventional atmospheric dispersion modelling, using the assumption of particulate in the 10 micrometres in aerodynamic diameter

Receptor	Scenario	X Coordinate	Y Coordinate	Description of Location
	dust deposition rates)			
Recreational for Scenarios 1 and 2	Chronic Scenario (Maximum annual average GLCs)	381500	6366900	Tomago House and Chapel, a function and National Trust venue for hire for recreational purposes is located approximately 1.9 kilometres southeast of the site (refer to **Figure F2**).
	Chronic Scenario (Maximum annual dust deposition rates)			

4.1.3 Grid Maximum Locations

The coordinates and a description the grid maximum location for Scenario 1 and Scenario 2 are provided in **Table 8**.

Table 8 Grid Maximum Locations

Scenario	X Coordinate	Y Coordinate	Description of Location
Chronic Scenario (Maximum annual average GLCs)	379464	6367607	Adjacent to the western boundary of the Site within the general industrial zoned area (refer to **Figure F2**).
Chronic Scenario (Maximum annual dust deposition rates)			

4.2 Contamination Sources

The operations of the Regain Tomago Facility has been described in detail, including emission sources, air emission controls, building characteristics, stack heights and potential emission concentrations in the AQIA (AECOM 2018). shows the stack parameters used in the assessment.

Table 9 Summary of Modelled Emission Points

Source	Units	20,000 tpa Rotary Kiln Stack	40,000 tpa Rotary Kiln Stack	Shed 5 Stack	Fine Grinding Mill Stack	Drying Plant Stack
Easting	mE MGA94	379631	379605	379598	379609	379598
Northing	mN MGA94	6367514	6367551	6367534	6367523	6367531
Height	mAGL	12.52	14.10	14.94	20.26	14.94
Temperature	K	359	360[1]	299[2]	306[3]	324[3]
Inside Diameter	m	0.9	1.1	1.1	0.75	0.75
Exit Velocity	m/s	17.6	13.7	23.1	5.0	16.1
Exhaust Flow	Am^3/s	11.2	13.0[1]	22.0[2]	2.2[3]	7.1[3]
	Nm^3/s	**8.5**	**9.9[1]**	**20.1[2]**	**2.0[3]**	**6.0[3]**
Release Type	-	Wake-Affected	Wake-Affected	Wake-Affected	Wake-Affected	Wake-Affected
Operational Hours (per year)	hr	8760	8760	8760	8760	8760

Source: Air Quality Impact Assessment, Regain Tomago – DA Modification (AECOM 2018b)

For the purposes of the HHRA, the emissions associated with each source have been conservatively evaluated as occurring concurrently for 24 hours a day seven days per week.

4.3 Chemicals of Potential Concern

Chemicals of potential concern (CoPC) are those chemicals which are suspected to be emitted from the stacks at concentrations that may present a risk to human health. The prime objective of identifying CoPC is to focus the HHRA on assessing chemicals that have the potential to significantly contribute to risks to human health.

The CoPC considered part of this HHRA was sourced from the AQIA (AECOM 2018), which reported the results of air dispersion modelling for the following CoPCs:

- Antimony
- Arsenic
- Cadmium
- Chromium
- Lead
- Manganese
- Mercury
- Nickel
- Acetone
- Benzene
- Toluene
- Cyanide
- Dioxins and Furans
- Total PAHs as benzo(a)pyrene and naphthalene*.

* The speciated breakdowns of the Total PAH stack testing results collated from 2014 to 2016 indicated that the average contribution of BaP to the Total PAH was 0.0099%, and the average contribution of naphthalene and 2-methylnapthalene to the Total PAH was 22% and 42% respectively. Thus, it was considered overly conservative to assume BaP represented 100% the Total PAH concentration. As such, only the carcinogenic PAHs (Benzo(a)anthracene, Benzo(b+j)fluoranthene, Benzo(k)fluoranthene, Benzo(g,h,i)perylene, Chrysene, Dibenz(a,h)anthracene, and Indeno(1,2,3-c,d)pyrene) have been assessed as BaP. The average percent contribution of the carcinogenic PAHs to the Total PAH is 0.67%. The remaining contribution of PAHs (99.3%) has been assessed as naphthalene.

The speciated breakdowns of the Total PAH stack testing results are presented in **Appendix G**.

In addition to the air toxics, the following Criteria pollutants have been modelled as part of the AQIA (AECOM 2018):

- Particulate matter (PM), emitted as TSP and PM10
- Hydrogen Fluoride (HF)
- Sulphur Dioxide (SO^2)
- Oxides of nitrogen (NOx) (expressed as nitrogen dioxide (NO_2))
- Carbon Monoxide (CO).

4.4 Potential Contaminant Transport Pathways

Potential transport mechanisms by which CoPC may migrate off-site are summarised in **Table 10** below.

Table 10 Potential Contaminant Transport Pathways

Transport Mechanism	Comments	Likelihood or Significance
Release of vapours and particulates to ambient air from the Site	Vapours and particulates may be emitted to the atmosphere via stacks (identified in **Section 2.4**).	Potentially Medium-High as dispersion modelling has indicated that vapour and particulates released from the on-site sources (i.e. stacks) are being reported at off-site receptor locations. It has been conservatively assumed that all CoPC are released as a vapour, volatile or not, to assess the cumulative risk associated with emissions.
Deposition of particulates (dust) onto off-site soils	Dust emitted from the Site may settle from the atmosphere onto exposed off-site soils.	Potentially Medium-High as dispersion modelling has indicated that dust (or non-volatile particulates) is emitted from on-site sources (i.e. stacks). Low-density residential, recreational and commercial land has been identified nearby the Site where exposed soil may be present (refer to **Section 4.1.2**).
Uptake of chemicals by home-grown produce (i.e. fruit and vegetables) from off-site soils and deposited dust	Following deposition of dust onto off-site plants and soils, home-grown produce may uptake chemicals active adsorption (see further discussion below regarding vapour-to-leaf transfer).	Medium given low-density residential land where home-grown produce could be present has been identified nearby the Site.
Uptake of chemicals by poultry (chickens) from off-site soils and transfer to eggs	Following deposition of dust onto off-site soils, chickens may uptake chemicals present in soil via ingestion.	Medium given low-density residential land where chickens could be present has been identified nearby the Site. AECOM has assumed residents will keep backyard poultry for egg production rather than consumption purposes.
Uptake of chemicals by grazing flora (i.e. grass) from off-site soils and ingestion by grazing fauna (i.e. sheep and cattle).	Following deposition of dust onto off-site soils, sheep and cattle may uptake chemicals present in grazing flora.	No diary infrastructure, paddocks hosting sheep or cattle were identified within 2 km of the Site, however areas near the site are zoned as rural landscape and as such, hobby farms with cattle or sheep grazing paddocks may exist. .

Other transport mechanisms e.g. leaching from soil to groundwater or surface water, transport of leached contamination within groundwater, volatilisation and vapour migration from subsurface media, are not considered to be significant in this HHRA. The contaminant mass that may leach from soil is likely to be minimal given the high molecular weight and physio chemical properties of the contaminants which may be subject to deposition. The organic contaminants (i.e. PAHs and dioxins/furans) have high soil organic carbon-water partitioning coefficients (Koc), ranging from 6200 L/kg to 587000 L/kg, indicating they are less mobile and likely to bind to the soil. The inorganic contaminants (i.e. metals) have elevated distribution coefficients (kd), ranging from 2.1 L/kg to 1000 L/kg, indicating they are unlikely to partition to water.

As a result of the above, subsurface media is unlikely to be impacted by the operations at the Regain Tomago Facility via leaching from soil.

Vapour-to-leaf transfer was not considered to be a significant accumulation pathway as bioaccumulative CoPC considered in the multiple pathway assessment are typically not volatile (based on the henry's law constant and vapour pressure[3]) and therefore unlikely to be present in 'air'. This is further supported by the dispersion modelling results whereby negligible concentrations of non-volatile CoPC (e.g. metals) were reported in air across the grid. Therefore, with negligible concentrations of bioaccumulative CoPC in air, this is not likely to be a significant pathway of concern.

4.5 Potential Off-Site Human Receptors

Based on a desktop review, potential off-site human receptors were identified (as discussed in **Section 2.3**).

Overall, the following human receptors were considered in this HHRA based on the surrounding land uses:

- Off-site residents, includes caravan parks;
- Off-site commercial workers; and
- Off-site recreational users.

Off-site residents (nearest residents are located approximately 0.8 km south of the Site boundary, and a caravan park is located approximately 1.3 km west of the Site), may be exposed to vapours and particulates emitted from the Regain Tomago Facility.

The off-site residents were assumed to have gardens/accessible soil and home-grown produce which accounts for less than 10% of their fruit and vegetable intake. This assumption is consistent with the ASC NEPM (2013) for low density residential properties.

Additionally, AECOM conservatively assumed that residents may keep poultry and ingest eggs from kept poultry. In accordance with the ASC NEPM (2013) for low density residential properties, it is not considered that residents will consume poultry for consumption purposes rather for egg production in a domestic backyard. Therefore no assessment of chicken consumption has been undertaken.

Although no diary infrastructure was identified within 2 km of the Site, areas near the site are zoned as rural landscape and hobby farms with cattle or sheep grazing paddocks may exist, and as such, ingestion of beef for off-site residents has been considered as part of this HHRA. This is considered to be overly conservative given that it is unlikely that residents surrounding the Site will consume large amounts of locally grown beef as it is anticipated that the cows will be sent to slaughter for distribution to the wider NSW and Australian population.

Accordingly, a very low contribution of 1% has been assumed within the cumulative assessment for consumption of locally grown beef.

Off-site commercial workers located around the Site may be exposed to vapours and particulates emitted from the Site. All commercial receptors were assumed to be at ground level.

[3] Based on Schedule B2 ASC NEPM (2013) where a CoPC is considered to be sufficiently volatile if its Henry's law constant is greater than 1 x 10^5 atm m3/mol and the vapour pressure is greater than 1 mm Hg at room temperature

Off-site recreational users located approximately 1 km (Hunter Wetlands National Park) and 1.9 km (Tomago House and Chapel) from the Site boundary may be exposed to vapours and particulates emitted from the Site. All recreational receptors were assumed to be at ground level.

The human receptor locations are illustrated on **Figure F4**, **Appendix A**.

To address any sensitive land use changes in the future, the HHRA includes an assessment using the grid maximum ground level concentration i.e. the highest annual average 1-hour ground level concentrations reported from the dispersion modelling. Adopting grid maximum concentrations ensures that the most sensitive receptor is being assessed with a 'worst-case' exposure point concentration.

4.6 Exposure Pathways

In order for a human receptor to be exposed to a chemical contaminant derived from a site, a complete exposure pathway must exist. An exposure pathway describes the course a chemical or physical agent takes from the source to the exposed individual and generally includes the following elements (US EPA, 1989):

- a source and mechanism of chemical release;
- a retention or transport medium (or media where chemicals are transferred between media);
- a point of potential human contact with the contaminated media; and
- an exposure route (e.g. inhalation or direct contact) at the point of exposure.

Where one or more of the above elements is missing, the exposure pathway is considered to be incomplete and no further assessment is required.

Pathways that have been considered to be complete for the Site and therefore were assessed in the HHRA include:

- Inhalation of vapours and dust in indoor and outdoor air (inhalation pathway assessment).
- Ingestion of home-grown fruit and vegetables by residents (multiple exposure pathway assessment).
- Ingestion of home-grown beef (multiple exposure pathway assessment)
- Ingestion of eggs from home-grown chickens by residents (multiple exposure pathway assessment).
- Ingestion of breastmilk by infants (multiple exposure pathway assessment).

Pathways that have been considered to be incomplete for the Site and therefore were not assessed in the HHRA include:

- Ingestion of home-grown pork, chicken or home-grown milk.
- Ingestion of drinking water.

A significant proportion of house dust can be attributed to soil particles that have been tracked into the indoor environment from outdoors. enHealth (2012) consider that 50% of the indoor dust is derived from the site soil, in accordance with the recommendations made by US EPA (2008; 2011). However, in this assessment AECOM has conservatively assumed that the concentration of vapours and particulates inside a building was 100% of the level predicted in the outside air.

AECOM has conservatively assumed that residents may keep poultry and ingest 100% of their eggs from kept poultry. It is not considered that residents will consume poultry, rather for egg production in a domestic backyard as it is noted that pullets which lay eggs are not for consumption purposes. Furthermore, no chicken farms were identified within Tomago area. Therefore no assessment of chicken consumption has been undertaken.

No paddocks hosting sheep or cattle were identified within 2 km of the Site. Therefore, no assessment of beef, pork or lamb consumption (including milk consumption) has been undertaken.

Given the distance of the Grahamstown Water Treatment Plant and Grahamstown Dam from the Site (approximately 4.4 km and 9 km respectively), emissions from the Regain Tomago Facility are unlikely to impact the drinking water supply for the Newcastle region. Therefore, the ingestion of drinking water was not considered to be a complete pathway in this assessment.

4.7 Inhalation Pathway Assessment

A number of gaseous phase compounds were identified as CoPC in **Section 4.3** i.e. CO, SO_2, HF, and NO_2. Given the nature of these compounds and their potential presence in ambient air at receptor locations (based on dispersion modelling), they have been assessed via the inhalation pathway.

Suspended particulate matter (PM_{10} and TSP) was also demonstrated to be present in ambient air at receptor locations and therefore have been assessed via the inhalation pathway.

There are a number of CoPC listed in **Section 4.3** that are not considered to be volatile based on the chemical's henry's law constant (greater than 1 x 10^{-5} atm-m^3/mol) and vapour pressure (greater than 1 mm Hg at room temperature), namely heavy metals. However, for the purposes of the inhalation pathway assessment, AECOM has conservatively assumed that heavy metals are considered to be sufficiently volatile. Those CoPC that were considered to be sufficiently volatile i.e. benzene, were also assessed via the inhalation pathway.

4.8 Multiple Pathway Assessment

In order to assess the overall body burden from exposure to chemicals from the proposed development, AECOM have undertaken a multiple pathway assessment for chemicals which are persistent and bioaccumulative. Chemicals which are volatile have not been considered further in the assessment, as they are not considered to contribute a significant portion to deposition given their volatile nature.

The assessment and determination of chemicals which are persistent and bioaccumulative reviewed available toxicity information from the following sources:

- ANZECC, 2000. *Australian and New Zealand Guidelines for Fresh and Marine Water Quality*. Australian and New Zealand Environment and Conservation Council (ANZECC) and Agriculture and Resource Management Council of Australia and New Zealand (ARMCANZ), October 2000.
- Agency for Toxic Substances & Disease Registry (ATSDR) Toxicological Profiles, available at http://www.atsdr.cdc.gov/toxprofiles/index.asp.
- DEH, 2005. National Dioxins Program, Technical Report No. 12, Human Health Risk Assessment of Dioxins in Australia. Office of Chemical Safety, Australian Government Department of the Environment and Heritage, Canberra. July 2005.
- NHMRC, 2016. National Water Quality Management Strategy, Australian Drinking Water Guidelines 6 2011, Version 3.2. National Health and Medical Research Council. Updated February 2016.
- WHO, 2011. Guidelines for Drinking-water Quality. Fourth Edition. World Health Organisation. July 2011.

The assessment has been conducted using the annual average deposition rates which have been used to estimate a chemical concentration within soil for the chronic health assessments.

It is also noted that the adoption of deposition rates for estimates within residential areas is conservative, as the deposition rates do not take into account the presence of buildings, enclosures, green houses, fencing etc., which will affect the rate of dispersion of a particulate.

The dry deposition rates have been adopted and soil concentrations have been estimated using the approach detailed within the following documents:

- Health Effects of Municipal Waste Incineration, Chapter 5 2,3,7,8 Tetrachlorodibenzo-p-Dioxin in the Agricultural Food Chain: Potential Impact of MSW Incineration on Human Health, Jeffery B. Stevens, CRC Press 1991.
- US EPA (2005) Human Health Risk Assessment Protocol (HHRAP) for Hazardous Waste Combustion Facilities, Final September 2005

Further detail on the equation is provided in **Appendix E**.

Once present within the soil or on plants, the chemicals have been considered for the following pathways:

- Uptake by edible plants within roots, stems and leaves which are consumed by residents.
- Uptake by backyard chickens who lay eggs which are consumed by residents.
- Direct contact by residents of surficial soils during gardening. An assessment of incidental ingestion and dermal contact has been undertaken.
- Uptake by beef cattle which may be consumed. It is however considered unlikely that the residents surrounding the site will consume the beef, as it is considered that the cows would be transported to the nearest abattoir and then processed through the commercial food chain.
- Uptake via all pathways detailed above by breast feeding mothers and exposures to infants.

The assessment of the potential exposure pathways detailed above has been undertaken in accordance with the guidance detailed above and:

- US EPA, 1989. Risk Assessment Guidance for Superfund, Volume I: Human Health Evaluation Manual. Interim Final, Office of Emergency and Remedial Response, United States Environment Protection Agency (US EPA), Washington DC, OSWER Directive 9285.7-0/a.

The assessment of multiple pathway exposure was conservatively undertaken based on the Regain Tomago Facility operating for 100 years.

Section 4.3 and **Table 11** detail the specific CoPC which were considered for the multiple pathway assessment.

Table 11 Bioaccumulative and/or Persistent Chemicals

CoPC	Bioaccumulative and/or Persistent (Yes/No)	Source
Antimony	No	ATSDR (1992), ANZECC (2000) and WHO (2003)
Arsenic	Yes	ATSDR (2007)
Cadmium	Yes	ATSDR (2012)
Chromium (total)	Yes	ATSDR (2012)
Lead	Yes	ATSDR (2007)
Manganese	No	ATSDR (2012)
Mercury	Yes	ATSDR (1999)
Nickel	Yes	ANZECC (2000)
Dioxins and furans as PCDD and PCDF	Yes	DEH (2005)
PAHs as benzo(a)pyrene	Yes	ATSDR (1995)
Benzene	No	ATSDR (2007) and ANZECC (2000)

CoPC	Bioaccumulative and/or Persistent (Yes/No)	Source
Toluene	No	ANZECC (2000)
Acetone	No	ASTDR (1994)
Cyanide	No	ASTDR (2006)
Naphthalene	No	ATSDR (2005)

4.9 Conceptual Site Model

A Conceptual Site Model (CSM) is a site-specific qualitative description of the source(s) of contamination, the pathway(s) by which contaminants may migrate through the environmental media, and the populations (human or ecological) that may potentially be exposed. This relationship is commonly known as a Source-Pathway-Receptor (SPR) linkage. Where one or more elements of the SPR linkage are missing, the exposure pathway is considered to be incomplete and no further assessment is required.

The CSM for the Site has been prepared in accordance with Schedule B2, ASC NEPM (2013).

Table 12 Potential Exposure Pathways

Exposure Pathway	Off-site Residents	Off-site Commercial Workers	Off-site Recreational User
Vapour			
Inhalation of stack-derived vapour in indoor air	✓	✓	✓
Inhalation of stack-derived vapour in outdoor air	✓	✓	✓
Soil / Deposited Dust			
Incidental Ingestion of surficial soils following dust deposition	✓	× (a)	× (c)
Dermal Contact with surficial soils following dust deposition	✓	× (a)	× (c)
Ingestion of home-grown fruit and vegetables	✓	× (a)	×
Ingestion of eggs from home-grown chickens	✓	× (a)	×
Ingestion of home-grown beef	✓	× (a)	×
Ingestion of breastmilk	✓	× (b)	× (c)

Notes: × – incomplete pathway
✓ – complete pathway

(a) Based on the surrounding land use desktop inspection undertaken by AECOM, commercial properties were typically capped with hardstand and therefore soil is not exposed for direct contact. Additionally, these commercial properties were not used to grow home-grown produce.

(b) The assessment of ingestion of breastmilk by a resident mother is considered to be protective of a commercial worker mother or a recreational user mother as the resident is exposed by more pathways and for longer periods of time.

(c) The assessment of direct contact with soil for residential receptors is considered protective of recreational users and maintenance workers as the resident is exposed for longer periods of time.

4.10 Tier 1 Screening Criteria

Potential contamination sources were identified in **Section 4.2**. The Tier 1 assessment aims to confirm whether these sources have the potential to be associated with unacceptable risks by comparison of reported contaminant concentrations in media of concern (i.e. ambient air) at the human receptor against conservative generic screening criteria, termed 'Tier 1' screening criteria which have been derived based on protection of human health. When the CoPC concentration is reported to be present

in the environmental media at the human receptor above Tier 1 screening criteria, further assessment of the CoPC is undertaken in the Tier 2 assessment.

CoPC in ambient air were selected based on comparison to appropriate screening criteria in accordance with the land uses surrounding the Site (i.e. residential, recreational and commercial/industrial).

4.10.1 6.0Selected Tier 1 Screening Criteria

For the chronic health assessment, CoPC were assessed by screening the annual average ground level concentrations at each receptor and the grid maximum concentration against the following enHealth (2012a) hierarchy of ambient air criteria:

- EPA, 2017 *Approved Methods and Guidance for the Modelling and Assessment of Air Pollutants in New South Wales.* Department of Environment and Conservation: Sydney, Australia, 2017
- NEPC, 2011. *National Environment Protection (Air Toxics) Measure 2004*, as amended 2011. National Environment Protection Council. 16 September 2011.
- NEPC, 2003. *National Environment Protection (Ambient Air Quality) Measure*, as amended 2003. National Environment Protection Council. 16 September 2011. 7 July 2003[4].
- WHO, 2010. *WHO Guidelines for Indoor Air Quality*, Selected Pollutants. World Health Organisation. Geneva 2010.
- WHO, 2005. *Air Quality Guidelines – Global Update, Particulate Matter, Ozone, Nitrogen Dioxide and Sulfur Dioxide*. Europe. World Health Organisation. 2005.
- WHO, 2000a. *Guidelines for Air Quality*. Geneva. World Health Organisation. 2000.
- US EPA, 2018. *Regional Screening Levels for Chemical Contaminants at Superfund Sites – Residential Air and Industrial Air.* United States Environmental Protection Authority. May 2018.

The Australian based guidelines published by the NEPC are considered current and appropriate as a first tier screen as they are applicable to ambient air and protective of human health over a lifetime (chronic) exposure. As stated in NEPC (2011) '*The monitoring investigation level values are levels of air pollution below which lifetime exposure, or exposure for a given averaging time, does not constitute a significant health risk. If these limits are exceeded in the short-term it does not mean that adverse health effects automatically occur*'. Additionally, the desired environmental outcome of the standards published in NEPC (2003) is '*ambient air quality that allows for the adequate protection of human health and well-being*'.

International guidelines published by WHO were adopted as a second tier screen (with the exception being benzene where the more conservative WHO value was adopted). The WHO (2010) guidelines were developed to provide a uniform basis for the protection of human health from adverse effects of indoor exposure to air pollution based on toxicological and epidemiological data. Although these guidelines are conservatively for indoor air quality (with outdoor and indoor air sources), they are considered to be protective of outdoor exposure based on exposure duration (i.e. people spend longer indoors) and likely concentrations (typically higher indoors). WHO (2005) and WHO (2000) present risk based guideline values that provide a basis for protecting public health from adverse effects of air pollutants and to eliminate or reduce exposure to those pollutants that are known or likely to be hazardous to human health or wellbeing. These guidelines apply to all WHO regions, including Australia.

Other national guidelines (i.e. US EPA, 2018) were considered as third tier screening criteria. The US EPA RSLs for residential and industrial air are health based screening levels derived using US risk equations and input parameters e.g. for carcinogens, using a unit risk value of 1×10^{-6}. AECOM notes that a number of US EPA RSLs are more conservative than those published by NEPC and WHO.

4 The desired environmental outcome of NEPM (Ambient Air) guideline is "ambient air quality that allows for the adequate protection of human health and well-being" (NEPC, 2003). AECOM notes that following a review of the NEPM (Ambient Air) guideline that the goals are designed for use in assessing air quality in regions and sub-regions and not to localised 'hotspot' areas such as industrial facilities, busy roads or mines. However, the goals can give an indication of predicted air quality for criteria pollutants (from the Regain Tomago Facility and existing air quality) with respect to the desired environmental outcome.

However, adopting these more conservative guidelines would not have a significant impact on the outcomes of the HHRA given the following:

- If carcinogenic compounds were converted the Australian acceptable unit risk level of 1 x 10^{-5}, then the RSLs would be in the same order of magnitude as NEPC and WHO criteria e.g. benzene.
- All bioaccumulative compounds were assessed via a Tier 2 assessment regardless of exceedances of the screening criteria, which was identified in **Table 11** to be arsenic, cadmium, chromium, lead, mercury, nickel, dioxins and furans and benzo(a)pyrene.

4.10.2 Tier 1 Screening Results

The modelled emissions of CO, SO_2, NO_2, HF, PM_{10} and TSP, lead, benzene, toluene, naphthalene, acetone, dioxins and furans, antimony, arsenic, cadmium, manganese, mercury, nickel and cyanide from the Regain Tomago Facility under typical operating conditions and at proposed maximum EPL limit operating conditions were below the selected Tier 1 screening criteria. Therefore, unless the contaminant is considered to be bioaccumulative (refer to **Section 4.11**), further assessment of these CoPC was not required. The maximum modelled annual average concentration at the proposed maximum EPL limit operating conditions for total chromium was reported to be above the adopted screening criteria at all off-site receptors. Chromium, along with other bioaccumulative CoPC has been further assessed in **Section 5.0** to **Section 6.0**.

Refer to **Table T1** (**Appendix B**) for the Tier 1 screening assessment.

The exposure-response relationships for a number of health effects associated with exposures to PM_{10} and TSP is linear (i.e. there is no level or threshold below which no adverse effects have been identified). Therefore, as there is no threshold for potential adverse health effects, further assessment of particulate matter has been undertaken (refer to **Section 4.10.3**).

4.10.3 Particulate Matter Assessment

A cumulative assessment of particulate matter concentrations associated with the normal and proposed maximum licence limit operations of the Regain Tomago facility was undertaken in Section 7.0 of the AQIA (AECOM 2018). The cumulative assessment considered both emissions from the Regain Tomago Facility and existing air quality (refer to **Section 2.7**). This analysis was structured in accordance with the methods prescribed in DEC (2005) *The Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales* (the Approved Methods). This structure comprises a threshold based approach, whereby compliance with air quality objectives is achieved by demonstrating that the Project will not result in additional exceedances of the relevant particulate matter criteria. In an approvals context, this metric is endorsed by EPA as indicating that the Project is unlikely to results in adverse air quality impacts.

Maximum background concentrations were added to the grid maximum predicted concentrations from the Regain Tomago facility during the proposed maximum licence limit operations to assess the cumulative particulate matter concentrations (refer to **Table 13**). This provides a conservative estimate of cumulative impact as the probability of a maximum observed value occurring at the time of a maximum predicted value is very small.

Table 13 Cumulative Assessment of Particulate Matter during the Proposed Maximum EPL Limit Operations

CoPC	Averaging Period	Criteria (µg/m^3)	Maximum Predicted Concentration (µg/m^3)	Maximum Background (µg/m^3)	Cumulative Concentration (µg/m^3)
Proposed Maximum Licence Limit Operations					
PM_{10}	24 hour	50	3.87	43.30	47.17
	Annual	25	0.41	18.70	19.11
Total Suspended Particulates (TSP)	Annual	90	0.70	N/A	N/A

Source: Air Quality Impact Assessment, Regain Tomago DA Modification (AECOM 2018)

As presented in **Table 13** the scale of predicted particulate matter impacts associated with the operation of the Regain Tomago facility are minor, with maximum predicted annual PM_{10} and TSP concentrations constituting less than 7.7% of the impact assessment criteria for operations at the proposed maximum licence limits. It is noted that cumulative predictions are dominated by background air quality, with a small contribution from the Regain Tomago Facility.

In addition, the worst case cumulative concentrations of PM_{10} and TSP are below the 24-hour and annual criteria published by NEPC (2003) and WHO (2005). Accordingly, particulate matter emissions from the Regain Tomago Facility were considered low and acceptable.

4.11 Multiple Pathway Assessment

AECOM notes that the Air Quality Assessment considered emissions of CoPC that are semi-volatile or not volatile (based on Schedule B2 ASC NEPM (2013), a CoPC is considered to be sufficiently volatile if its Henry's law constant is greater than 1 x 10^{-5} atm-m^3/mol and the vapour pressure is greater than 1 mm Hg at room temperature). Non-volatile CoPC are predicted to be present at the receptor locations, these CoPC have been included in the Tier 2 assessment to ensure the cumulative risks are assessed.

A number of CoPC emitted from the Regain Tomago Facility are regarded as persistent in the environment and have the potential to bioaccumulate. Therefore, pathways other than inhalation were required to be assessed as part of the HHRA. The persistent and bioaccumulative CoPC may be emitted as particulates by deposition and accumulate on soil and in home-grown produce, poultry and eggs and potentially breastmilk resulting in the exposure of humans as detailed in **Section 4.8**.

Table 14 below presents a summary of the CoPCs identified and considered further as part of this HHRA with respect to chronic exposures.

Table 14 Summary of Volatile CoPC

Specific Air Toxics	Volatile – Inhalation Pathway Only	Dust Deposition Potential – Multiple Exposure Pathway (a)
antimony	✓	×
arsenic	✓	✓
cadmium	✓	✓
chromium (total)	✓	✓
lead	✓	✓
manganese	✓	×
mercury	✓	✓
nickel	✓	✓
dioxins and furans as PCDD and PCDF	✓	✓
PAHs as benzo(a)pyrene	✓	✓
naphthalene	✓	×
benzene	✓	×
toluene	✓	×
acetone	✓	×
cyanide	✓	×

(a) As discussed in **Section 4.8**, those CoPC that were considered to be bioaccumulative and persistent are assessed via multiple exposure pathways.

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5.0 Hazard Identification

5.1 Hazard Identification Process

The hazard identification process requires a review of existing toxicological information from a variety of appropriate sources to describe the capacity of a specific agent to produce adverse health effects.

Toxicological profiles and associated hazards for the specific CoPC quantitatively assessed in this HHRA are provided in **Appendix F**. The toxicity values adopted in this HHRA are presented in **Table 15**.

Table 15 Adopted Toxicity Values

CoPC	Inhalation Unit Risk (IUR) $(\mu g/m^3)^{-1}$	Source	Reference Concentration (RfC) $(\mu g/m^3)$	Source	Oral Cancer Slope Factor (CSF) $(mg/kg/day)^{-1}$	Source	Oral Reference Dose (RfD) mg/kg/day	Source
antimony	-	-	21	RIVM (2008). Converted from TDI of 0.006 mg/kg/day.	NA	-	NA	
arsenic	-	-	1	RIVM (2000).	NA	-	6.00E-03	RIVM (2008)
cadmium	-	-	0.005	WHO (2000a).	NA	-	8.00E-04	WHO (2010)
chromium IV	-	-	0.1	ATSDR (2008)	NA	-	1.00E-03	ATSDR (2008)
lead	-	-	0.5	US EPA IRIS (2015).	NA	-	3.50E-03	NHMRC (2011)
manganese	-	-	0.15	WHO (2000a).	NA	-	NA	
mercury	-	-	0.2	WHO (2000b).	NA	-	6.00E-04	WHO (2011)
nickel	-	-	0.02	WHO (2003).	NA	-	1.20E-02	WHO (2011)
cyanide	-	-	0.8	EA (2009).	NA	-	NA	
dioxins and furans (PCDDs and PCDFs)	-	-	0.00000805	DEH (2005). Converted NHMRC TMI (70 pg/kg body weight/month) to TDI (2.3×10^{-9} mg/kg/day) to RfC.	NA	-	2.30E-09	DEH (2005)
PAHs as benzo(a)pyrene	8.70E-02	WHO (2000b). TEF (1)	-		5.00E-01	WHO (2011)	NA	-

CoPC	Inhalation Unit Risk (IUR) $(\mu g/m^3)^{-1}$	Source	Reference Concentration (RfC) $(\mu g/m^3)$	Source	Oral Cancer Slope Factor (CSF) $(mg/kg/day)^{-1}$	Source	Oral Reference Dose (RfD) mg/kg/day	Source
naphthalene	-	-	3.7	ATSDR (2005)	NA	-	NA	-
toluene	-	-	5000	US EPA IRIS (2015).	NA	-	NA	-
acetone (propanone)	-	-	30900	ATSDR (1994). Converted from chronic MRL of 13 ppm.	NA	-	NA	-
benzene	6.00E-06	WHO (2010).	30	US EPA IRIS (2015).	NA	-	NA	-

Note:
NA = Not Applicable
- = No published toxicity value (not assessed as a threshold or non-threshold compound)

ATSDR Toxicological Profiles available at http://www.atsdr.cdc.gov/toxprofiles/index.asp.
ASC NEPM (2013) - National Environment Protection (Assessment of Site Contamination) Measure (ASC NEPM) 1999, National Environment Protection Council (NEPC), as amended and in force on 16 May 2013.
DEH (2004) National Dioxins Program, Dioxins in Australia: A Summary of the Findings of Studies Conducted from 2001 to 2004. Australian Government Department of the Environment and Heritage, Canberra.
DEH (2005) National Dioxins Program, Technical Report No. 12, Human Health Risk Assessment of Dioxins in Australia. Office of Chemical Safety, Australian Government Department of the Environment and Heritage, Canberra.
EA (2009) Contaminants of soil: updated collation of toxicological data and intake values for humans, nickel. Science Report SC050021/TOX8, May 2009.
Friebel & Nadebaum (2011) Health screening levels for petroleum hydrocarbons in soil and groundwater. Part 1: Technical development document. CRC Care Technical Report no. 10, CRC for Contamination Assessment and Remediation of the Environment, Adelaide, Australia. September 2011.
IRIS (2015) - Integrated Risk Information System (US EPA)
RIVM - National Institute for Public Health and the Environment
USEPA (2010) - Toxicological Review of Hydrogen Cyanide and Cyanide Salts, in support of Summary Information on the Integrated Risk Information System (IRIS), EPA/635/R-08/061F.
WHO (2000a) Air Quality Guidelines for Europe. Second Edition. WHO Regional Publications. European Series No. 91. World Health Organisation. Regional Office for Europe Copenhagen. 2000.
WHO (2000b) Guidelines for Air Quality. World Health Organization, Geneva.
WHO (2003) Concise International Chemical Assessment Document 50 (CICAD 50), Elemental Mercury and Inorganic Mercury Compounds: Human Health Aspects. World Health Organisation, Geneva.
WHO (2010) Guidelines for Indoor Air Quality. World Health Organization, Geneva.

5.2 Dose-Response Assessment

The objective of the dose-response assessment is to identify the toxicity values for each CoPC to be used for the quantification of human health risk. The numerical values derived from toxicity dose-response studies are referred to collectively as toxicity values. The toxicity values adopted are based on two different approaches to the characterisation of dose-response (NHMRC, 1999 and US EPA, 2005):

- For chemicals that have the potential to result in carcinogenic effects that are associated with a genotoxic mechanism, any level of exposure is assumed to result in some incremental lifetime risk. These chemicals are therefore assessed on the basis of a non-threshold dose-response relationship.
- For other chemicals that may be associated with non-carcinogenic effect or carcinogenic effects that are not genotoxic, a threshold is considered relevant. The threshold level is considered a level whereby exposure below the threshold will not result in any adverse effects. Exceedance of the threshold level does not imply that adverse effects will occur, as there are a number of uncertainties and safety factors incorporated into the threshold value adopted, rather that other factors (e.g. exposure duration) needs to be further evaluated.

The toxicity values adopted for the CoPC in this risk assessment, and the source of the adopted values are presented in **Appendix F**. The values have been obtained (where available) from the following information sources (listed in order of preference, as per enHealth (2012a) guidance):

- National Health and Medical Research council (NHMRC) publications and documents from other joint Commonwealth, State and Territory health organisations (NHMRC 2004, 2011).
- World Health Organisation (WHO) publications (WHO 2000a, 2000b).
- Criteria published by the Agency for Toxic Substances and Disease Registry (ATSDR) (see toxicity profiles for references).
- Criteria published by US EPA sources, primarily those published by the US EPA Integrated Risk Information system (IRIS) (US EPA, 2013) (see toxicity profiles for references).
- Canadian Council of Ministers of the Environment (CCME) documents (CCME, 2010).

It is noted that, where relevant, toxicity data available from a number of sources have been reviewed with respect to currency and adequacy to identify the most appropriate value to be used in the HHRA. This approach is consistent with Section 5.12.4 (selecting data sources) of enHealth (2012a).

The following sections present additional information on the approach adopted in this assessment to the application of non-threshold and threshold dose-response (toxicity) values.

5.2.1 Non-Threshold Dose Response Values

The assessment of potential health effects associated with genotoxic carcinogens requires the use of non-threshold toxicity values. The values available are essentially the slope of the cancer dose-response curve for the chemical (based on relevant studies and approaches to extrapolate effects from high doses to low doses) and are termed an inhalation unit risk (IUR). The IUR (expressed as $(\mu g/m^3)^{-1}$) is used to estimate the probability of an individual developing cancer at some point in a lifetime as a result of a specific exposure.

Two compounds (benzene and BaP) presented in **Appendix E** were considered to be potential genotoxic carcinogens, and have been assessed based on non-threshold toxicity criteria. Non-threshold toxicity values adopted in this HHRA are presented in **Table 15** above.

Toxicity profiles with additional toxicological information for each compound are provided in **Appendix F**.

5.2.2 Threshold Dose Response Values

Potential health effects that are assessed on the basis of a threshold dose response utilise a threshold value which is typically termed an acceptable or tolerable daily intake (ADI or TDI). For the purpose of this assessment, the threshold value adopted has been termed a TDI. A TDI is a chemical intake below which it is considered that no adverse effects would occur in human populations, including sensitive sub-groups (e.g. the very young or elderly). Hence, the TDI relates to intakes from all sources, the Site related impacts as well as background intakes (where relevant).

Where relevant to inhalation exposures the threshold value is typically termed a tolerable concentration in air (TC) or reference concentration (RfC), which is an estimate of a continuous inhalation exposure concentration to people (including sensitive subgroups) that is likely to be without risk of deleterious effects during a lifetime.

The majority of the compounds presented in **Appendix F** were considered to be potential non-carcinogens, and have been assessed based on threshold toxicity criteria. Threshold toxicity values adopted in this HHRA are presented in **Table 15** above.

Toxicity profiles with additional toxicological information for each compound are provided in **Appendix F**.

5.2.3 Background Intakes

When evaluating potential health effects or deriving health-based investigation levels for chemicals assessed on the basis of a threshold dose-response criteria, total exposure to a given chemical (i.e. the sum of the background exposure and the substance exposure from contaminated media) should not exceed the TDI (enHealth, 2012a; ASC NEPM, 2013).

Background levels of contamination comprise chemical concentrations present in the environment as a result of everyday activities or natural sources. These chemicals may be present in food, air, water and consumer products and represent the non-Site sources of contamination exposure. This is commonly referred to as background exposure. enHealth (2012a) and ASC NEPM (2013) require that 'background exposure' be taken into account during the assessment of potential human health risk.

Background exposure is only applied to threshold contaminants (i.e. non-carcinogens) because intakes of non-threshold contaminants (i.e. carcinogens) are considered on the basis of an increase in risk, which is irrespective of background exposure. The allocation of background exposure is undertaken on a chemical-specific basis by applying a factor (%) to the threshold toxicity reference value (TRV or Reference Dose), as illustrated in the equation below:

$$TRV\ (adjusted\ for\ background\ exposure\ ) = \left(1 - Background\ (\%)\right)\ x\ TRV$$

In cases where background exposure is considered to be essentially negligible (contributing to less than 5% of the threshold TRV), no background exposure has been applied. Should background exposure be considered to comprise greater than 50% of the threshold TRV, the background exposure is generally considered to be 50% of the TRV. However, no CoPCs in this study exceeded the 50% figure and this approach was not adopted. It should be also noted that enHealth (2012a) does not recommend a specific background exposure value for an inhalation pathway.

The background exposure allocated for each of the CoPC assessed in the HHRA is summarised in each toxicity profile (presented in **Appendix F**) and **Table 16** below.

Table 16 Background Exposure Allocations

CoPC	Background Allocation	Reference
antimony	0%	Negligible.
arsenic	0%	ASC NEPM (2013).
cadmium	20%	ASC NEPM (2013).
chromium IV	0%	ASC NEPM (2013).
lead	0%	Negligible.
manganese	20%	ASC NEPM (2013).

CoPC	Background Allocation	Reference
mercury	10%	ASC NEPM (2013).
nickel	20%	ASC NEPM (2013).
cyanide	0%	ASC NEPM (2013).
dioxins and furans (PCDDs and PCDFs)	57%	DEH (2004)
PAHs as benzo(a)pyrene	-	-
naphthalene	0%	ATSDR (2005).
toluene	0%	Friebel & Nadebaum (2011).
acetone (propanone)	10%	Friebel & Nadebaum (2011)*
benzene	20%	Friebel & Nadebaum (2011).

* In absence of compound-specific background exposure data, the background exposure for semi or volatile CoPC has been set at 10% in accordance with the total petroleum hydrocarbon (TPH) background exposure allocation adopted by CRC CARE (2011) during derivation of the Health Screening Levels (HSLs).

6.0 Exposure Assessment

Exposure Assessment involves the estimation of magnitude, frequency, extent, and duration of exposure to Site-derived contamination (enHealth, 2012b).

"*Direct measurement of the exposures of the (potentially) affected population provides the best exposure data but this is not always available or practicable and default exposure factor data is often required*." (Langley, AJ (1993). In absence of direct measurement data, environmental sampling and predictive models are commonly used to estimate intakes of CoPC by the exposed populations. The key elements of exposure assessment in the context of contaminated land risk assessment are to:

- identify input values for contaminant concentrations and pathways;
- identify input values for exposed populations;
- estimate exposure concentrations; and
- estimate chemical intake.

The Air Quality Assessment provides details of the air dispersion modelling methodology and results of the air quality assessment. A summary is also provided in **Section 3.2** above.

6.1 Representative Exposure Point Concentrations

A key element of the risk assessment process is estimation of the concentration of Site-derived CoPC in environmental media. This concentration is commonly termed the exposure point concentration (EPC) and should be selected as a conservative estimate of the average chemical concentration in an environmental medium at the point of exposure. EPCs are determined for each site-impacted 'exposure unit', which is defined as the area throughout which a receptor moves and encounters an environmental medium for the duration of exposure. Typically, an individual receptor is assumed to be equally exposed to media within all portions of the exposure unit over the time frame of the risk assessment.

The adopted EPCs in air and dust deposition rates are presented in **Table 17** and **Table 18**.

. It should be noted that the maximum annual average ground level concentrations (100th percentile) at residential and commercial receptor locations and grid maximum concentrations (100th percentile) were adopted in the HHRA for Scenario 1 (typical operating conditions) and Scenario 2 (operating conditions at the proposed maximum licence limits). Dust deposition rates (as mg/m^2/year) for selected CoPC (based on bioaccumulation potential) are based on the established relationship between the anticipated in-stack concentrations under normal and proposed maximum licence limit operating conditions. It is noted that dust deposition rates include only dry deposition of particulates. The dust deposition rates are only presented for residents, as a multiple pathways were not considered to be complete for commercial workers. In addition, the multiple pathway assessment for residents is considered to be protective of recreational user exposures.

Table 17 Exposure Point Concentrations used in the HHRA for Scenario 1 – Typical operating conditions

CoPC (a)	1-hour Annual Average Concentration in Air (µg/m^3)				Dust Deposition Rate (mg/m^2/year)	
	Grid Maximum	Off-site Resident	Off-site Commercial Worker	Off-site Recreational Worker	Off-site resident	Grid Maximum
Lead	6.74E-05	5.03E-06	6.74E-05	7.34E-06	1.70E-11	8.79E-11
PAHs as benzo(a)pyrene*	4.33E-05	3.24E-06	4.33E-05	4.72E-06	1.09E-11	5.63E-11
Naphthalene*	6.42E-03	4.81E-04	6.42E-03	7.00E-04	-	-
Benzene	3.21E-03	2.41E-04	3.21E-03	3.51E-04	-	-
Toluene	4.14E-02	3.11E-03	4.14E-02	4.53E-03	-	-
Acetone (propanone)	3.47E-02	2.61E-03	3.47E-02	3.80E-03	-	-
Dioxins and furans (PCDDs and PCDFs)	2.43E-10	1.82E-11	2.43E-10	2.66E-11	6.14E-17	3.17E-16
Antimony	1.72E-05	1.27E-06	1.72E-05	1.86E-06	-	-
Arsenic	1.22E-05	8.81E-07	1.22E-05	1.29E-06	3.05E-12	1.59E-11
Cadmium	1.89E-04	1.42E-05	1.89E-04	2.06E-05	4.77E-11	2.46E-10
Chromium	1.18E-04	8.80E-06	1.18E-04	1.28E-05	2.97E-11	1.54E-10
Manganese	7.05E-04	5.29E-05	7.05E-04	7.70E-05	-	-
Mercury	1.12E-05	8.36E-07	1.12E-05	1.22E-06	2.82E-12	1.46E-11
Nickel	2.54E-04	1.91E-05	2.54E-04	2.78E-05	6.42E-11	3.31E-10
Cyanide	1.24E-02	9.32E-04	1.24E-02	1.36E-03	-	-

(a) CoPC that were considered to be bioaccumulative are assessed via multiple exposure pathways.

* Based on the speciated breakdown of the Total PAH stack testing results collated from 2014 to 2016, the average contribution of BaP to the Total PAH is 0.0099% and the average contribution of Napthalene and 2-methylnapthalene to the Total PAH is 22% and 42% respectively. As such, it was considered overly conservative to assume BaP represented 100% the Total PAH concentration. The carcinogenic PAHs (Benzo(a)anthracene, Benzo(b+j)fluoranthene, Benzo(k)fluoranthene, Benzo(g,h,i)perylene, Chrysene, Dibenz(a,h)anthracene, and Indeno(1,2,3-c,d)pyrene) have been assessed as BaP. The average percent contribution of the carcinogenic PAHs to the Total PAH is 0.67%, and remaining contribution (99.3%) has been assessed as naphthalene.

Table 18 Exposure Point Concentrations used in the HHRA for Scenario 2 – Proposed Maximum Licence Limit Operating Conditions

CoPC (a)	1-hour Annual Average Concentration in Air (µg/m^3)				Dust Deposition Rate (mg/m^2/year)	
	Grid Maximum	Off-site Resident	Off-site Commercial Worker	Off-site Recreational Worker	Off-site resident	Grid Maximum
Lead	2.19E-03	1.66E-04	2.19E-03	2.39E-04	5.53E-10	2.85E-09
PAHs as benzo(a)pyrene*	1.59E-04	1.20E-05	1.59E-04	1.74E-05	4.00E-11	2.06E-10
Naphthalene*	2.35E-02	1.78E-03	2.35E-02	2.57E-03	-	-
Benzene	3.84E-02	2.90E-03	3.84E-02	4.19E-03	-	-
Toluene	4.94E-01	3.74E-02	4.94E-01	5.39E-02	-	-
Acetone (propanone)	4.14E-01	3.14E-02	4.14E-01	4.53E-02	-	-
Dioxins and furans (PCDDs and PCDFs)	4.73E-09	3.58E-10	4.73E-09	5.17E-10	1.19E-15	6.16E-15
Antimony	5.66E-04	4.28E-05	5.66E-04	6.18E-05	-	-
Arsenic	4.17E-04	3.16E-05	4.17E-04	4.56E-05	1.05E-10	5.43E-10
Cadmium	1.16E-03	8.78E-05	1.16E-03	1.27E-04	2.93E-10	1.51E-09
Chromium	3.82E-03	2.89E-04	3.82E-03	4.17E-04	9.64E-10	4.98E-09
Manganese	2.26E-02	1.71E-03	2.26E-02	2.47E-03	-	-
Mercury	3.61E-04	2.73E-05	3.61E-04	3.95E-05	9.12E-11	4.71E-10
Nickel	8.15E-03	6.17E-04	8.15E-03	8.91E-04	2.06E-09	1.06E-08
Cyanide	4.73E-02	3.58E-03	4.73E-02	5.17E-03	-	-

(a) CoPC that were considered to be bioaccumulative are assessed via multiple exposure pathways

* Based on the speciated breakdown of the Total PAH stack testing results collated from 2014 to 2016, the average contribution of BaP to the Total PAH is 0.0099% and the average contribution of Napthalene and 2-methylnapthalene to the Total PAH is 22% and 42% respectively. As such, it was considered overly conservative to assume BaP represented 100% the Total PAH concentration. The carcinogenic PAHs (Benzo(a)anthracene, Benzo(b+j)fluoranthene, Benzo(k)fluoranthene, Benzo(g,h,i)perylene, Chrysene, Dibenz(a,h)anthracene, and Indeno(1,2,3-c,d)pyrene) have been assessed as BaP. The average percent contribution of the carcinogenic PAHs to the Total PAH is 0.67%, and remaining contribution (99.3%) has been assessed as naphthalene.

6.2 Estimation of Chemical Intakes

Chemical intakes were calculated for each of the CoPC via the following exposure pathways:

- Indoor and outdoor inhalation of vapour
- Incidental ingestion of surficial soils following dust deposition
- Dermal contact with surficial soils following dust deposition
- Ingestion of home-grown fruit and vegetables following dust deposition and root uptake
- Ingestion of eggs from home-grown chickens;
- Ingestion of home-grown beef; and
- Ingestion of breastmilk by infants (<6 months).

enHealth (2012a) recommends that the estimation of chemical intakes via the inhalation pathway follows the US EPA (2009) RAGS-F guidance which follows the *Inhalation Dosimetry Methodology*. This methodology supersedes the previous US EPA (1989) RAGS, Part A inhalation methodology because "*the internal dose to a chemical from the inhalation pathway is not a simple function of the inhalation rate and body weight….* [and therefore the US EPA (1989) inhalation equation] *does not comply with the principles of EPA's inhalation dosimetry procedures used to determine the human equivalent concentration (HEC) for calculating a Reference Concentration (RfC) or Inhalation Unit Risk (IUR)*") (US EPA, 2003).

The updated inhalation dosimetry methodology calculates a modified exposure concentration (EC, µg/m^3) which is then directly compared with a Reference Concentration (RfC, µg/m^3) or Inhalation Unit Risk (IUR, per µg/m^3) that is derived from toxicological studies. The equation used to estimate chemical intakes via inhalation of vapour and combustion particulates is as follows:

$$Exposure\ Adjusted\ Air\ Concentration\ \left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) x\ ET\ \left(\frac{h}{d}\right) x\ EF\ \left(\frac{d}{yr}\right) x\ ED\ (yr)}{AT\ (h)}$$

Where:

Cair: contaminant concentration in air (µg/m^3)

ET: exposure time (hours per day)

EF: exposure frequency (days per year)

ED: exposure duration (years)

AT: averaging time for threshold and non-threshold CoPC (hours)

The EPCs presented in **Section 6.1** will be used as the '*contaminant concentration in air (µg/m^3)*' when calculating the exposure concentration for each CoPC in this HHRA. The values representing ET, EF, ED and AT are presented in **Section 6.3** below.

Equations for the additional direct contact (i.e. ingestion and dermal contact) exposure pathways are presented in **Appendix E**.

The assessment has also considered the potential for multiple pathway exposure, which is dependent on inhalation and body weight to calculate appropriate intake factors. Therefore the equations (as outlined in **Appendix E**) have also been undertaken to be incorporated in the multiple pathway assessment.

6.3 Human Behavioural Exposure Parameters

Human behavioural exposure parameters adopted in this risk assessment were obtained from the following recognised Australian and international sources:

- enHealth (2012a) Environmental Health Risk Assessment, Guidelines for Assessing Human Health Risks from Environmental Hazards. Department of Health and Ageing and enHealth Council, Commonwealth of Australia
- enHealth (2012b) Australian Exposure Factor Guide, Department of Health and Ageing and enHealth Council, Commonwealth of Australia
- ASC NEPM (2013) National Environment Protection (Assessment of Site Contamination) Measure (ASC NEPM) 1999, National Environment Protection Council (NEPC), as amended and in force on 16 May 2013, specifically, Schedule B4, Guideline on Site-Specific Health Risk Assessment Methodology
- USEPA (1989) Risk Assessment Guidance for Superfund Volume I – Human Health Evaluation Manual Part A. United States Environmental Protection Agency Office of Emergency and Remedial Response. Washington DC, Revised December 1989; and associated updates.

Where specific guidance was not available from the above or other literature sources, conservative estimates for exposure parameters were adopted. Human exposure parameters adopted for the assessment, their source and justification are presented in **Table 19** to **Table 21.**

below. Additional exposure parameters that are pathway specific are provided in **Appendix E**.

In accordance with the *Inhalation Dosimetry Methodology* described in **Section 6.2** above, consideration of body weight and inhalation rates are not required for the inhalation exposure pathway. As outlined above, these parameters were considered when calculating the average maternal intake (mg/kg/day) as adult intakes for each CoPC.

Table 19 Human Behavioural Exposure Parameters - Off-site Residents

Exposure Parameter (units)	Value Adopted		Reference
	Adult	Child	
Exposure Duration (years)	29	6	ASC NEPM (2013) - low to medium density residential.
Averaging Time (carcinogens) (years)	70	70	ASC NEPM (2013) - low to medium density residential.
Averaging Time (non-carcinogens) (years)	29	6	ASC NEPM (2013) - low to medium density residential.
Exposure Frequency (days/day)	365	365	ASC NEPM (2013) - low to medium density residential.
Exposure Time – Indoors and Outdoors (hours/day)	24	24	ASC NEPM (2013) - low to medium density residential.
Body Weight	70	15	ASC NEPM (2013) - low to medium density residential.
Daily Soil Ingestion Rate (mg/day)	50	100	ASC NEPM (2013) - low to medium density residential.
Exposed Skin Surface Area for Soil Contact (cm^2)	6300	2700	ASC NEPM (2013) - low to medium density residential.
Soil to Skin Adherence Factor (mg/cm^2)	0.5	0.5	ASC NEPM (2013) - low to medium density residential. Assumes 31.5% of total body surface area (20,000 cm^2) for an adult and 44.3% (6100 cm^2) for a child.

Exposure Parameter (units)	Value Adopted		Reference
	Adult	Child	
Particulate emission factor (indoor air assumed equivalent to outdoor air) (m^3/kg)	2.90E+10	2.90E+10	ASC NEPM (2013) - low to medium density residential.
Inhalation Rate (mother) (m^3/hour)	1.34	-	Inhalation rate assuming 20 hours indoors at 1.17 m^3/hour and 4 hours outdoors at 2.2 m^3/hour. Only applicable to breast feeding mother.

Table 20 Human Behavioural Exposure Parameters - Off-site Recreational Users

Exposure Parameter (units)	Value Adopted		Reference
	Adult	Child	
Exposure Duration (years)	29	6	ASC NEPM (2013) - recreational user.
Averaging Time (non-carcinogens) (years)	29	6	ASC NEPM (2013) - recreational user.
Averaging Time (carcinogens) (years)	70	70	ASC NEPM (2013) - recreational user.
Exposure Frequency (days/day)	365	365	ASC NEPM (2013) - recreational user.
Exposure Time – Outdoors (hours/day)	2	2	ASC NEPM (2013) - recreational user.
Body Weight	70	15	ASC NEPM (2013) - recreational user.
Daily Soil Ingestion Rate (mg/day)	25	50	ASC NEPM (2013) - recreational user.
Exposed Skin Surface Area for Soil Contact (cm^2)	6300	2700	ASC NEPM (2013) - recreational user. Assumes 31.5% of total body surface area (20,000 cm^2) for an adult and 44.3% (6100 cm^2) for a child.
Soil to Skin Adherence Factor (mg/cm^2)	0.5	0.5	ASC NEPM (2013) - recreational user.
Particulate emission factor (outdoor air) (m^3/kg)	2.90E+10	2.90E+10	ASC NEPM (2013) - recreational user.
Lung retention factor (dust inhalation)	0.375	0.375	ASC NEPM (2013) - recreational user.

Table 21 Human Behavioural Exposure Parameters - Off-site Commercial Workers

Exposure Parameter (units)	Value Adopted	Reference
Exposure Duration (years)	30	ASC NEPM (2013) - commercial/industrial.
Averaging Time – Carcinogens (years)	70	ASC NEPM (2013) - commercial/industrial.
Averaging Time – Non-Carcinogens (years)	30	ASC NEPM (2013) - commercial/industrial.
Exposure Time – Indoors and Outdoors (hours/day)	9	ASC NEPM (2013) - commercial/industrial.
Exposure Frequency (days/year)	240	ASC NEPM (2013) - commercial/industrial.
Particulate emission factor (indoor air assumed equivalent to outdoor air) (m^3/kg)	2.90E+10	ASC NEPM (2013) - commercial/industrial.

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7.0 Risk Characterisation

7.1 Methodology

The methodology and equations used to estimate risks for the HHRA are presented below for threshold and non-threshold CoPC.

7.1.1 Threshold Risk Estimates

Risks to human health for CoPCs assessed on the basis of a threshold approach were estimated by comparison of the exposure adjusted air concentration (µg/m^3) of each CoPC with its respective reference concentration (RfC, µg/m^3) allowable from the Site (i.e. the RfC minus background intakes). The resulting ratio, referred to as the hazard quotient, is derived in the following manner:

$$HQ = \frac{EC_{inh}}{RfC - background}$$

Where:

HQ = Hazard Quotient (unitless)

EC_{inh} = Exposure adjusted air concentration (µg/m^3)

RfC = Tolerable Concentration in air (µg/m^3) – adjusted for background intake

A potentially unacceptable chemical intake/exposure is indicated if the EC exceeds the RfC (i.e. if the hazard quotient is greater than 1.0).

To assess the overall potential for adverse health effects posed by exposure to multiple chemicals, the hazard quotients for each chemical and exposure pathway relevant to a receptor are summed. The resulting sum is referred to as the hazard index (HI), and is calculated using the following equation.

$$HI = \sum_{i=1,\, j=1}^{n} HQ_{i,j}$$

Where:

HI = Hazard Index (unitless)

$HQ_{i,j}$ = Hazard Quotient for pathway *i* and chemical *j* (unitless)

n= Number of chemicals and/or pathways relevant to land use scenario

If the HI is less than one, then cumulative exposure to the CoPC is considered unlikely to result in an adverse effect. If the sum is greater than 1.0, a more detailed and critical evaluation of the hazards may be required, or appropriate risk management measures at the Site may need to be implemented (enHealth, 2012a).

7.1.2 Non-Threshold (Carcinogenic) Risk Estimates

Risks to human health for CoPC considered to be genotoxic carcinogens were estimated as the incremental probability of an individual developing cancer over a lifetime as a result of chemical exposure. The numerical estimate of incremental lifetime carcinogenic risk was calculated using the following relationship:

$$ILCR = EC_{inh} * IUR$$

Where:

ILCR = Incremental Lifetime Cancer Risk (unitless)

EC_{inh} = Exposure adjusted air concentration (µg/m^3)

IUR = Inhalation Unit Risk (µg/m^3)$^{-1}$

To assess the overall potential for effects posed by simultaneous exposure to more than one chemical that is associated with non-threshold carcinogenic effects, the risk for each chemical and pathway were summed. The resulting sum is referred to as the cumulative incremental lifetime carcinogenic risk and is estimated as follows:

$$ILCR_{cum} = \sum_{i=1, j=1}^{n} ILCR_{i,j}$$

Where:

$ILCR_{cum}$ = Cumulative ILCR for a given receptor (unitless)

$ILCR_{i,j}$ = ILCR for chemical i and pathway j

n = Number of chemicals and/or pathways relevant to land use scenario.

This approach assumes that exposure to multiple carcinogens over a lifetime results in a cumulative effect, and therefore, exposures are summed over all intake routes.

7.2 Risk Acceptability Criteria

For non-threshold (carcinogenic) CoPC, the incremental lifetime cancer risk estimates for each receptor have been compared to an *acceptable* carcinogenic risk level of 1 in 100,000 (1×10^{-5}) (enHealth, 2012a).

For threshold (non-carcinogens) CoPC, potentially *unacceptable* chemical intake/exposure is indicated if the exposure level exceeds the TDI or TC (i.e. if the HQ is greater than 1.0) (enHealth, 2012a).

Where the risk acceptability criteria for threshold and non-threshold CoPC are exceeded, a more detailed and critical evaluation of the risk may be conducted, or appropriate risk management measures may be recommended.

7.3 Summary of Risk Estimates

7.3.1 Inhalation Pathway Assessment

The risk calculation results are presented in **Appendix E**.

A summary of the calculated reasonable maximum threshold risks (hazard index) and non-threshold risks (incremental lifetime excess cancer risk) for vapour inhalation is presented in **Table 22** and **Table 23.**

Table 22 Risk Characterisation Summary – Inhalation Pathway for Scenario 1 (Typical operating conditions)

Exposure Scenario	Threshold (HI)	Non-Threshold (ILCR)
Maximum Annual Average EPCs		
Off-Site Resident	6.60E-03	1.42E-07
Off-Site Commercial Worker	2.17E-02	4.00E-07
Off-Site Recreational User	7.99E-04	1.72E-08
Grid Maximum EPCs		
Off-Site Resident	8.78E-02	1.89E-06
Off-Site Commercial Worker	2.17E-02	4.00E-07
Off-Site Recreational User	7.32E-03	1.58E-07

Bold text indicates exceedance of the risk acceptability criteria.

Using the maximum annual average EPCs and grid maximum EPCs for Scenario 1, estimated conservative screening (upper-bound) ILCR estimates for off-site residents, recreational users and commercial workers considered in this assessment were found to be below the adopted acceptable risk level of 1 x 10^{-5}, and the calculated hazard indices were below the adopted acceptable hazard index of 1.0.

Table 23 Risk Characterisation Summary – Inhalation Pathway for Scenario 2 (Proposed Maximum Licence Limit Operating Conditions)

Exposure Scenario	Threshold (HI)	Non-Threshold (ILCR)
Maximum Annual Average EPCs		
Off-Site Resident	8.34E-02	5.30E-07
Off-Site Commercial Worker	2.72E-01	1.48E-06
Off-Site Recreational User	1.00E-02	6.40E-08
Grid Maximum EPCs		
Off-Site Resident	**1.10E+00**	7.02E-06
Off-Site Commercial Worker	2.72E-01	1.48E-06
Off-Site Recreational User	9.18E-02	5.85E-07

Bold text indicates exceedance of the risk acceptability criteria.

Using the maximum annual average EPCs and grid maximum EPCs for Scenario 2, estimated conservative screening (upper-bound) ILCR estimates for off-site residents, recreational users and commercial workers considered in this assessment were found to be below the adopted acceptable risk level of 1 x 10^{-5}, and the calculated hazard indices (with the exception for the off-site Resident in the Grid Maximum Scenario) were below or equal to the adopted acceptable HI of 1.0. An off-site resident potentially exposed to the grid maximum concentrations during proposed maximum licence limit operational conditions resulted in a HI of 1.1, which is marginally above the adopted acceptable HI of 1.0. Inhalation of nickel dust was the primary contributor (46%) of the total inhalation risk.

It is considered that this scenario is overly conservative i.e. a resident exposed to the modelled maximum annual average concentration at the proposed maximum licence limit operational conditions of all CoPC, for 24 hours a day, 365 days a year for 30 years, and is unlikely to be realised. Additionally, it should be noted that the grid maximum location was identified approximately 80 m north-west of the Site, on land currently zoned as General Industrial and not as residential land (refer to **Section 4.1.3**).

7.3.2 Multiple Exposure Pathway Assessment

The risk calculation results are presented in **Appendix D**.

A summary of the calculated reasonable maximum threshold risks (hazard index) and non-threshold risks (incremental lifetime excess cancer risk) for multiple exposure pathways is presented in **Table 24** for Scenario 1 and **Table 25** for Scenario 2.

Table 24 Risk Characterisation Summary – Multiple Exposure Pathways for Scenario 1

Exposure Scenario	Threshold (HI)		Non-Threshold (ILCR)
	Adult	Child	
Maximum Annual Average EPCs			
Off-Site Resident – Inhalation of Vapour	6.60E-03		1.42E-07
Off-Site Resident – Incidental Ingestion of Soil	2.57E-13	2.40E-12	6.19E-19
Off-Site Resident – Dermal Contact with Soil	1.25E-14	2.51E-14	1.13E-18
Off-Site Resident – Ingestion of Home-grown Produce	6.74E-11	1.55E-10	8.19E-16
Off-Site Resident – Ingestion of Eggs	1.27E-11	2.55E-11	1.01E-16
Off-Site Resident – Ingestion of Beef	2.22E-11	3.89E-11	1.55E-15
Cumulative Risk	6.60E-03	6.60E-03	1.42E-07
Grid Maximum EPCs			
Off-Site Resident – Inhalation of Vapour	8.8E-02		1.9E-06
Off-Site Resident – Incidental Ingestion of Soil	1.3E-12	1.2E-11	3.2E-18
Off-Site Resident – Dermal Contact with Soil	6.5E-14	1.3E-13	5.8E-18
Off-Site Resident – Ingestion of Home-grown Produce	3.5E-10	8.0E-10	4.2E-15
Off-Site Resident – Ingestion of Eggs	6.6E-11	1.3E-10	5.2E-16
Off-Site Resident – Ingestion of Beef	1.1E-10	2.0E-10	8.0E-15
Cumulative Risk	8.8E-02	8.8E-02	1.9E-06

Bold text indicates exceedance of the risk acceptability criteria.

Using the maximum annual average EPCs and grid maximum EPCs, estimated conservative screening (upper-bound) ILCR estimates for off-site residents considered in this multi-exposure parameter assessment for Scenario 1 were found to be below the adopted acceptable risk level of 1 x 10^{-5}, and hazard indices were below the adopted acceptable hazard index of 1.0.

Table 25 Risk Characterisation Summary – Multiple Exposure Pathways for Scenario 2

Exposure Scenario	Threshold (HI)		Non-Threshold (ILCR)
	Adult	Child	
Maximum Annual Average EPCs			
Off-Site Resident – Inhalation of Vapour	8.3E-02		5.3E-07
Off-Site Resident – Incidental Ingestion of Soil	3.8E-12	3.5E-11	2.3E-18
Off-Site Resident – Dermal Contact with Soil	4.1E-13	8.1E-13	4.1E-18
Off-Site Resident – Ingestion of Home-grown Produce	1.0E-09	2.3E-09	3.0E-15

Exposure Scenario	Threshold (HI)		Non-Threshold (ILCR)
	Adult	Child	
Off-Site Resident – Ingestion of Eggs	2.5E-10	5.0E-10	3.7E-16
Off-Site Resident – Ingestion of Beef	4.3E-10	7.6E-10	5.7E-15
Cumulative Risk	8.3E-02	8.3E-02	5.3E-07
Grid Maximum EPCs			
Off-Site Resident – Inhalation of Vapour	**1.1E+00**		7.0E-06
Off-Site Resident – Incidental Ingestion of Soil	2.0E-11	1.8E-10	1.2E-17
Off-Site Resident – Dermal Contact with Soil	2.1E-12	4.2E-12	2.1E-17
Off-Site Resident – Ingestion of Home-grown Produce	5.3E-09	1.2E-08	1.5E-14
Off-Site Resident – Ingestion of Eggs	1.3E-09	2.6E-09	1.9E-15
Off-Site Resident – Ingestion of Beef	2.2E-09	3.9E-09	2.9E-14
Cumulative Risk	**1.1E+00**	**1.1E+00**	7.0E-06

Bold text indicates exceedance of the risk acceptability criteria.

As presented in **Table 25**, hazard indices for the multiple exposure pathway assessment by off-site residents were typically below the adopted acceptable hazard index of 1.0. The calculated risk estimates for the inhalation of vapour and particulates by off-site residents using the grid maximum concentrations were marginally above the adopted acceptable hazard index of 1.0 for threshold compounds, as discussed in **Section 7.3.1.**

While these risk estimates were based on a number of assumptions, these were conservative in nature and likely to overestimate actual risk to receptors, as such; it is generally not considered necessary to further refine the assumptions given that the risk estimates were below adopted acceptable levels.

Overall the estimated health risks to off-site residents, recreational users and commercial workers from vapour and particulates emitted from the Site were considered low and acceptable.

7.3.3 Infant Ingestion of Breastmilk Pathway Assessment

The risk calculation results are presented in **Appendix E**.

A summary of the calculated reasonable maximum threshold risks (hazard index) and non-threshold risks (incremental lifetime excess cancer risk) for an infant ingestion of breastmilk is presented in **Table 26** for Scenario 1 and **Table 27** for Scenario 2.

Table 26 Risk Characterisation Summary – Infant Ingestion of Breastmilk for Scenario 1

Exposure Scenario	Child	
	Non-Threshold (ILCR)	Threshold (HI)
Maximum Annual Average GLCs		
Infant Ingestion of Breastmilk (mother exposed to multiple exposure pathways)	2.12E-13	1.27E-03
Grid Maximum GLCs		
Infant Ingestion of Breastmilk (mother exposed to multiple exposure pathways)	2.83E-12	1.69E-02

Bold text indicates exceedance of the risk acceptability criteria.

Using the maximum annual average GLCs and grid maximum GLCs for Scenario 1, the estimated conservative screening (upper-bound) ILCR estimate for the infant ingestion of breastmilk pathway was found to be below the adopted acceptable risk level of 1 x 10^{-5}, and the hazard index was below the adopted acceptable hazard index of 1.0.

Overall the estimated health risks to an infant from the ingestion of breastmilk were considered low and acceptable.

Table 27 Risk Characterisation Summary – Infant Ingestion of Breastmilk for Scenario 2

Exposure Scenario	Child	
	Non-Threshold (ILCR)	Threshold (HI)
Maximum Annual Average GLCs		
Infant Ingestion of Breastmilk (mother exposed to multiple exposure pathways)	7.85E-13	1.31E-02
Grid Maximum GLCs		
Infant Ingestion of Breastmilk (mother exposed to multiple exposure pathways)	1.0E-11	1.7E-01

Bold text indicates exceedance of the risk acceptability criteria.

Using the maximum annual average GLCs and grid maximum GLCs for Scenario 2, the estimated conservative screening (upper-bound) ILCR estimate for the infant ingestion of breastmilk pathway was found to be below the adopted acceptable risk level of 1 x 10^{-5}, and the hazard index was below the adopted acceptable hazard index of 1.0.

Overall the estimated health risks to an infant from the ingestion of breastmilk were considered low and acceptable.

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8.0 Uncertainty and Sensitivity Analysis

The risk assessment process involves a number of assumptions regarding Site conditions, human exposure and chemical toxicity. These assumptions are based on Site-specific information (where available), but it is not always possible to fully predict or describe site conditions and human activities at a Site for the exposure period considered in the risk assessment. The assumptions adopted for this risk assessment were therefore generally selected to be conservative in nature, in order to evaluate an assumed reasonable maximum exposure scenario and provide a deliberate margin of safety.

A discussion of some of the key uncertainties associated with different components of the risk assessment process, and an input parameter sensitivity analysis, is provided below.

8.1 Air Dispersion Modelling

The atmosphere is a complex, physical system and the movement of air in a given location is dependent on a number of variables, including temperature, topography and land use, as well as larger-scale synoptic processes. Dispersion modelling is a method of simulating the movement of air pollutants in the atmosphere using mathematical equations. The model equations necessarily involve the current understanding of the complex environmental interactions and chemical reaction processes involved, available input data, processing time and data storage limitations. The model configuration particularly affects model predictions during certain meteorological conditions and source emission types. For example, the prediction of pollutant dispersion under low wind speed conditions (typically defined as those less than 1 m/s) or for low-level, non-buoyant sources, is problematic for most dispersion models. To accommodate these effects, the model is configured to provide conservative estimates of pollutant concentrations at particular locations.

The results of dispersion modelling, therefore, provide a conservative indication of the worst likely level of pollutants within the modelling domain. While the models, when used appropriately and with high quality input data, can provide very good indications of the scale of pollutant concentrations and the likely locations of the maximum concentrations occurring, their outputs should not be considered to be representative of exact pollutant concentrations at any given location or point in time.

To account for the variability in air dispersion modelling, maximum 1-hour annual average ground level concentrations at each receptor were adopted in the HHRA as these were considered to represent the worst case exposure scenario. Maximum dust deposition rates (as $mg/m^2/year$) for selected bioaccumulative CoPC within the grid were also adopted in the HHRA. The maximum ground level concentrations and deposition rates identified at off-site receptors from the air dispersion modelling are likely to overestimate exposure in the areas assessed.

8.2 Ingestion Models

The assessment of potential multiple pathway exposure is based on a number of conservative assumptions which are likely to result in an assessment which is in the upper estimate of exposure. Namely the assessment relies on deposition rates which are determined not taking into account the terrain (i.e. buildings) which may restrict flow path for deposition. The estimated concentrations are based on the maximum deposition rates determined to be representative of exposures over a lifetime to multiple pathways which are unlikely to be representative of the usual residential exposure. They are presented however to account for the potential that there may be a resident in which all of the estimated exposure scenarios apply.

8.3 Toxicity Assessment

In general, the available scientific information is insufficient to provide a thorough understanding of all of the potential toxic properties of chemicals to which humans may be exposed. It is necessary, therefore, to extrapolate these properties from data obtained under other conditions of exposure and involving experimental laboratory animals. This may introduce two types of uncertainties into the risk assessment, as follows:

a) those related to extrapolating from one species to another; and

b) those related to extrapolating from the high exposure doses, usually used in experimental animal studies, to the lower doses usually estimated for human exposure situations.

The majority of the toxicological knowledge of chemicals comes from experiments with laboratory animals, although there may be interspecies differences in chemical absorption, metabolism, excretion and toxic response. There may also be uncertainties concerning the relevance of animal studies using exposure routes that differ from human exposure routes. In addition, the frequent necessity to extrapolate results of short-term or sub-chronic animal studies to humans exposed over a lifetime has inherent uncertainty.

In order to adjust for these uncertainties, IURs and RfCs incorporate safety factors that may vary from 10 to 10,000. The US EPA assumes that humans are as sensitive to carcinogens as the most sensitive animal species. The policy decision, while designed to minimise the potential for underestimating risk, introduces the potential to overestimate carcinogenic risk. Conversely, it also does not allow for the possibility that humans may be more sensitive than the most sensitive animal species.

The model used by the US EPA to determine slope factors is a linearised multistage model, which provides a conservative estimate of cancer risk at low doses and is likely to overestimate the actual slope factor. It is assumed in this approach that a genotoxic mechanism applies, however, most carcinogens do not actually cause cancer by this mechanism. The result is that the use of slope factors has the general effect of overestimating the incremental cancer risks.

The approach for evaluating risks to mixtures of chemicals assesses dose additively and does not account for potential synergism, antagonism or differences in target organ specificity and mechanism of action. In general, the additive approach has the effect of overestimating the risks. This is because chemicals that have no additive effects are included together as well as chemicals that may have additive effects.

8.4 Background Exposures

For metals, the available background exposure percentages adopted by the ASC NEPM (2013) were applied. Background exposures to other metals (Sb and Pb) were considered to be negligible.

An average lifetime daily exposure (ALDE) was calculated for dioxins and furans using findings of a blood serum study and body burdens (DEH, 2004). The mean ALDE was estimated as 1.32 TEQ pg/kg bw/day (minimum of 0.13 pg/kg bw/day for ages under 16 years; maximum of 2.96 pg/kg bw/day for 60 years and older). AECOM converted 1.32 TEQ pg/kg bw/day to months, which equalled 40.15 pg/kg bw/month. This is 57% of the tolerable monthly intake (TMI) of 70 pg/kg bw/month (DEH, 2005).

Background exposure to benzene by the general population was considered to be 20%. This is in accordance with recommendations made by Friebel & Nadebaum (2011) to be protective of the majority of residential properties and for Sydney CBD where people spend some time at ground level. For toluene and xylenes, the background concentrations were less than 3% of the threshold toxicity criteria in the worst reported area and therefore it was concluded that the inclusion of background ambient air concentrations do not contribute significantly to the total allowable exposure used to derive HSLs. A background exposure of 0% was adopted for toluene and xylenes.

In absence of compound-specific background exposure data, the background exposure for semi or volatile CoPC has been set at 10% in accordance with the total petroleum hydrocarbon (TPH) background exposure allocation adopted by Friebel & Nadebaum (2011).

In cases where background exposure is considered to be essentially negligible (contributing to less than 5% of the threshold TRV), no background exposure has been applied.

Adopted background exposure percentages are provided in **Appendix F**.

8.5 Human Exposure Parameters

Risk assessment requires the adoption of several assumptions in order to assess potential human exposure. This risk assessment included assumptions about general characteristics and patterns of human exposure relevant to the Site. The assumptions used for identified off-site residential, recreational and commercial receptors adjacent to the Regain Tomago Facility were conservative and developed to provide an estimate of reasonable maximum exposures rather than the actual exposures. This approach is likely to overestimate the associated health risks.

8.6 Sensitivity of Modelling Input Parameters

When undertaking quantitative risk modelling it is important to understand the potential effects that exposure parameters may have on the overall calculated risks. **Table 28** provides a summary of the main assumptions adopted in the current risk assessment.

Table 28 Sensitivity of Modelling Input Parameters

Parameter	Value Adopted in Risk Assessment (unit)	Outcome in Risk Assessment
Exposure Time	24 hours per day	It has been assumed that residential receptors will be exposed to contamination for 24 hours a day, which is considered the most conservative value. A reduction in this value will reduce the overall estimated health risks.
Exposure Frequency	365 days per year	It has been assumed that residential receptors will be exposed to contamination for 365 days a year, which is considered the most conservative value. A reduction in this value will reduce the overall estimated health risks.
Exposure Duration	Resident – 29 (adult) and 6 (child) years Commercial Worker – 30 years	It has been assumed that a resident will be exposed to contamination for 29 years for an adult and 6 years for a child. It has been assumed that a commercial worker will be exposed to contamination for 30 years. These exposure duration periods are in accordance with the ASC NEPM (2013) and are considered to be conservative. A reduction in this value will reduce the overall estimated health risks.
Daily Soil Ingestion Rate	50 mg/day (adult) and 100 mg/day (child)	It has been assumed that an adult resident would ingest 50 mg of soil each day, while a child would ingest 100 mg of soil each day. These soil ingestion rates are in accordance with the ASC NEPM (2013) and are considered to be conservative. A reduction in this value will reduce the overall estimated health risks.
Exposed Skin Surface Area for Soil Contact	6300 cm^2 (adult) and 2700 cm^2 (child)	It has been assumed that 31.5% of an adult resident's body surface area would be exposed to contaminated soil, while 44.3% of a child's body surface area would be exposed to contaminated soil. These exposed skin surface areas are in accordance with the ASC NEPM (2013) and are considered to be conservative. A reduction in this value will reduce the overall estimated health risks.

Parameter	Value Adopted in Risk Assessment (unit)	Outcome in Risk Assessment
Soil to Skin Adherence Factor	0.5 mg/cm^2	A soil to skin adherence factor of 0.5 mg/cm^2 is recommended in the ASC NEPM (2013) for all receptors, including residents. A reduction in this value will reduce the overall estimated health risks.

9.0 Conclusions

AECOM Australia Pty Ltd (AECOM) was engaged by Regain Services Pty Ltd (Regain) to undertake a Human Health Risk Assessment (HHRA) for Tomago facility located within the Tomago Aluminium site (the Site). The Site location is shown on **Figure F1**, **Appendix A**, while the Site setting and surrounding land uses is illustrated on **Figure F2, Appendix A**.

The objective of the HHRA is to assess potential future human health risks to surrounding residents, commercial workers and recreational users, resultant from the exposure to Regain Tomago air emissions associated with the processing of SPL during the normal operations and at the proposed maximum EPL limits of the facility.

It is to be noted that this assessment considered air quality (i.e. vapour and particulates) only. Noise, vibration, odour, soil and water were not considered in this assessment.

Two operating scenarios (typical operating conditions and operational conditions at the proposed maximum EPL limits) were considered as part of the HHRA. Potential acute or upset conditions were not assessed.

The following human receptors were considered in this HHRA based on the surrounding land uses:

- Off-site residents, includes caravan parks
- Off-site recreational users
- Off-site commercial workers.

Exposures to air and deposition of particulates (which could deposit onto soil) was identified as a potential exposure pathway which warranted higher tiers of assessment. Pathways that have been considered to be complete for the Site and therefore were assessed in the HHRA include:

- Inhalation of vapours and dust in indoor and outdoor air (inhalation pathway assessment).
- Ingestion of home-grown fruit and vegetables by residents (multiple exposure pathway assessment).
- Ingestion of eggs from home-grown chickens by residents (multiple exposure pathway assessment).
- Ingestion of home-grown beef (multiple exposure pathway assessment).
- Ingestion of breast milk by infants (multiple exposure pathway assessment).

The maximum annual average ground level concentrations (100^{th} percentile) at each receptor and grid maximum concentrations were adopted for Scenario 1 (normal operational conditions) and Scenario 2 (operational conditions at proposed maximum licence limits). Additionally, annual dust deposition rates for the identified bioaccumulative contaminant were used to estimate contaminant concentrations in soil for consideration in the multiple pathway assessment for both scenarios.

Scenario 1 (Normal Operational Conditions)

Using the maximum annual average EPCs and grid maximum EPCs, estimated conservative screening (upper-bound) ILCR estimates for off-site receptors considered in the inhalation and multiple pathway assessments were found to be below the adopted acceptable risk level of 1×10^{-5}, and hazard indices were below the adopted acceptable hazard index of 1.0.

Scenario 2 (Operational Conditions at Proposed Maximum Licence Limits)

Using the maximum annual average EPCs estimated conservative screening (upper-bound) ILCR estimates for off-site receptors considered in the inhalation and multiple pathway assessments were found to be below the adopted acceptable risk level of 1×10^{-5}, and hazard indices were below the adopted acceptable hazard index of 1.0.

Using the grid maximum EPCs estimated conservative screening (upper-bound) ILCR estimates for off-site residents considered in this multi-exposure parameter assessment for Scenario 2 were found to be below the adopted acceptable risk level of 1×10^{-5}, and the hazard indices were marginally above the adopted acceptable hazard index of 1.0. However, this scenario is considered to be overly

conservative i.e. a resident exposed to the modelled maximum annual average concentration at the proposed maximum EPL limits for all CoPC, for 24 hours a day, 365 days a year for 30 years. This Scenario is representative of theoretical worst case impacts using the expected licence limits and is unlikely to be realised. Additionally, it should be noted that the grid maximum location was identified approximately 80 m north-west of the Site, on land currently zoned as General Industrial and not as Residential land (refer to **Section 4.1.3**).

While these risk estimates were based on a number of conservative assumptions and were considered to overestimate actual risk to receptors, it is generally not considered necessary to further refine the assumptions given that the risk estimates were below adopted acceptable levels. Overall the estimated health risks to off-site residents, recreational users and commercial workers from inhalation and residents from direct contact pathways under normal and proposed maximum licence limit operating conditions were considered low and acceptable.

10.0 Limitations

This document was prepared for the sole use of Regain Services Pty Ltd. This party is the only intended beneficiary of our work. Any advice, opinions or recommendations contained in this document should be read and relied upon only in the context of the document as a whole and are considered current to the date of this document. Any other party should satisfy themselves that the scope of work conducted and reported herein meets their specific needs. AECOM cannot be held liable for third party reliance on this document, as AECOM is not aware of the specific needs of the third party.

This document was prepared for the purpose described herein and as agreed to by Regain Services Pty Ltd. From a technical perspective, the subsurface environment at any site may present substantial uncertainty. It is a heterogeneous, complex environment, in which small subsurface features or changes in geologic conditions can have substantial impacts on water and chemical movement. Uncertainties may also affect source characterisation assessment of chemical fate and transport in the environment, assessment of exposure risks and health effects, and remedial action performance.

AECOM's professional opinions are based upon its professional judgement, experience and training. It is possible that additional testing and analysis might produce different results and/or different opinions. AECOM has limited its assessment to the scope agreed upon with it client. AECOM believes that its opinions are reasonably supported by the testing and analysis that have been done and that those opinions have been developed according to the professional standard of care for the environmental consulting profession in this area at this time. That standard of care may change and new methods and practices of exploration, testing, analysis and remediation may develop in the future, which might produce different results. AECOM's professional opinions contained in this document are subject to modification if additional information is obtained through further investigation, observations, or testing and analysis during any future assessment or remedial activities.

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Appendix A

Figures

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Coordinate System: GDA 1994 MGA Zone 56
Projection: Transverse Mercator

0 345 690 1,380
metres

1:27,500 (when printed at A3)

LEGEND

- Tomago Site Boundary
- SPL Site

Data sources:

Imagery (c) 2016, maps.six.nsw.gov.au
Cadastral Information (c) Streets Pro

REGAIN TOMAGO FACILITY
638 Tomago Road, NSW

SITE LOCATION

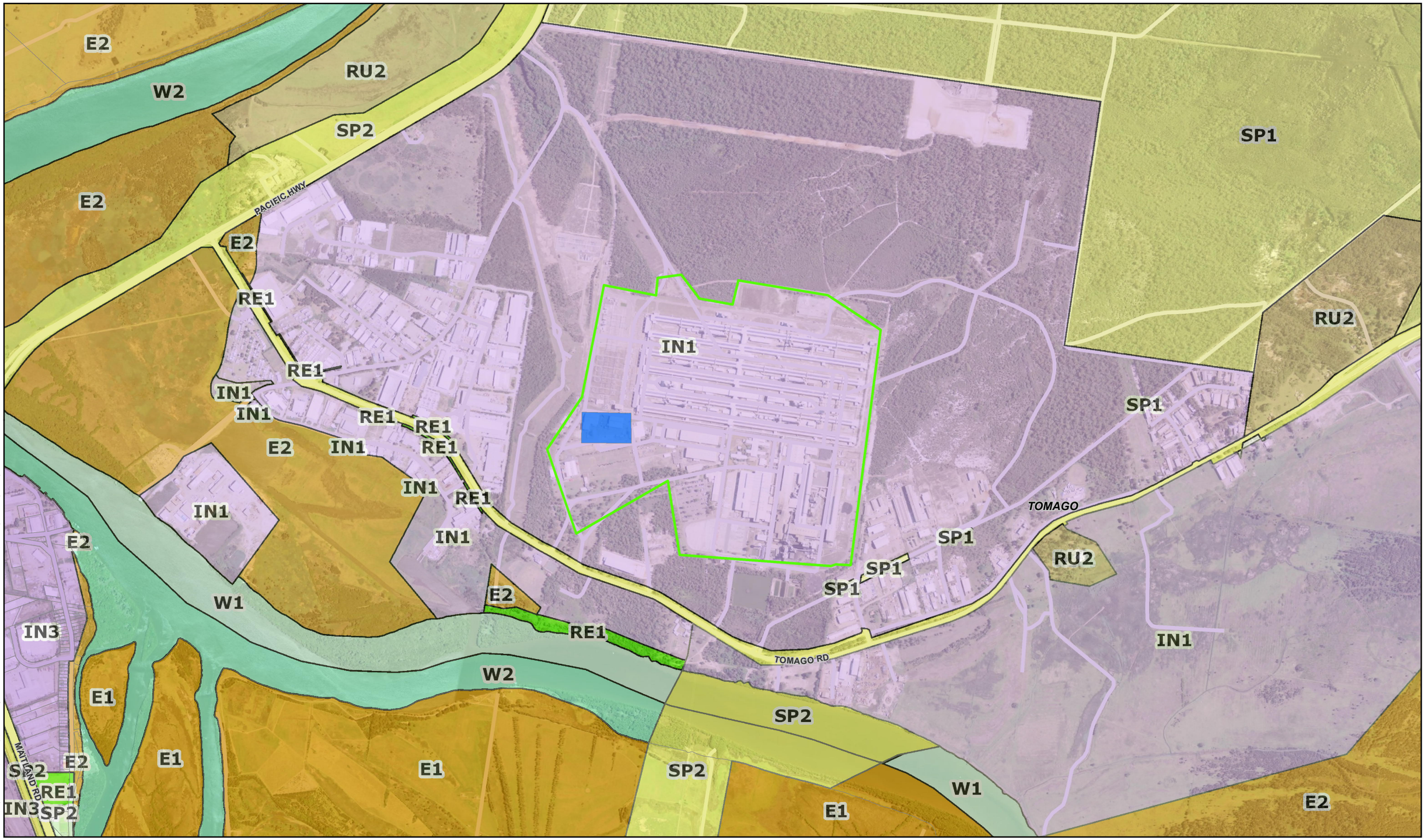
Human Health Risk Assessment

PROJECT ID	60512726
CREATED BY	LB
LAST MODIFIED	LB - 5/07/2018
VERSION:	1

Map
1

A3 size

Filename: C:\Users\bowenl2\Desktop\PROJECTS\60512726\4.99_GIS\02_MXDs\F1_60512726_RegainTomagoFacility_SiteLocation.mxd



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0 190 380 760
metres

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LEGEND

- SPL Site
- Tomago Site Boundary
- Cadastral Boundaries

Planning Zone

- E1 National Parks and Nature Reserves
- E2 Environmental Conservation
- IN1 General Industrial
- IN3 Heavy Industrial
- RE1 Public Recreation
- RU2 Rural Landscape
- SP2 Infrastructure
- W1 Natural Waterways
- W2 Recreational Waterways

Data sources:

Imagery (c) 2016, maps.six.nsw.gov.au
Cadastral Information (c) Streets Pro
Newcastle Local Environment Plan (LEP) 2012

REGAIN TOMAGO FACILITY
638 Tomago Road, NSW

SITE SETTING AND SURROUNDING LAND USE

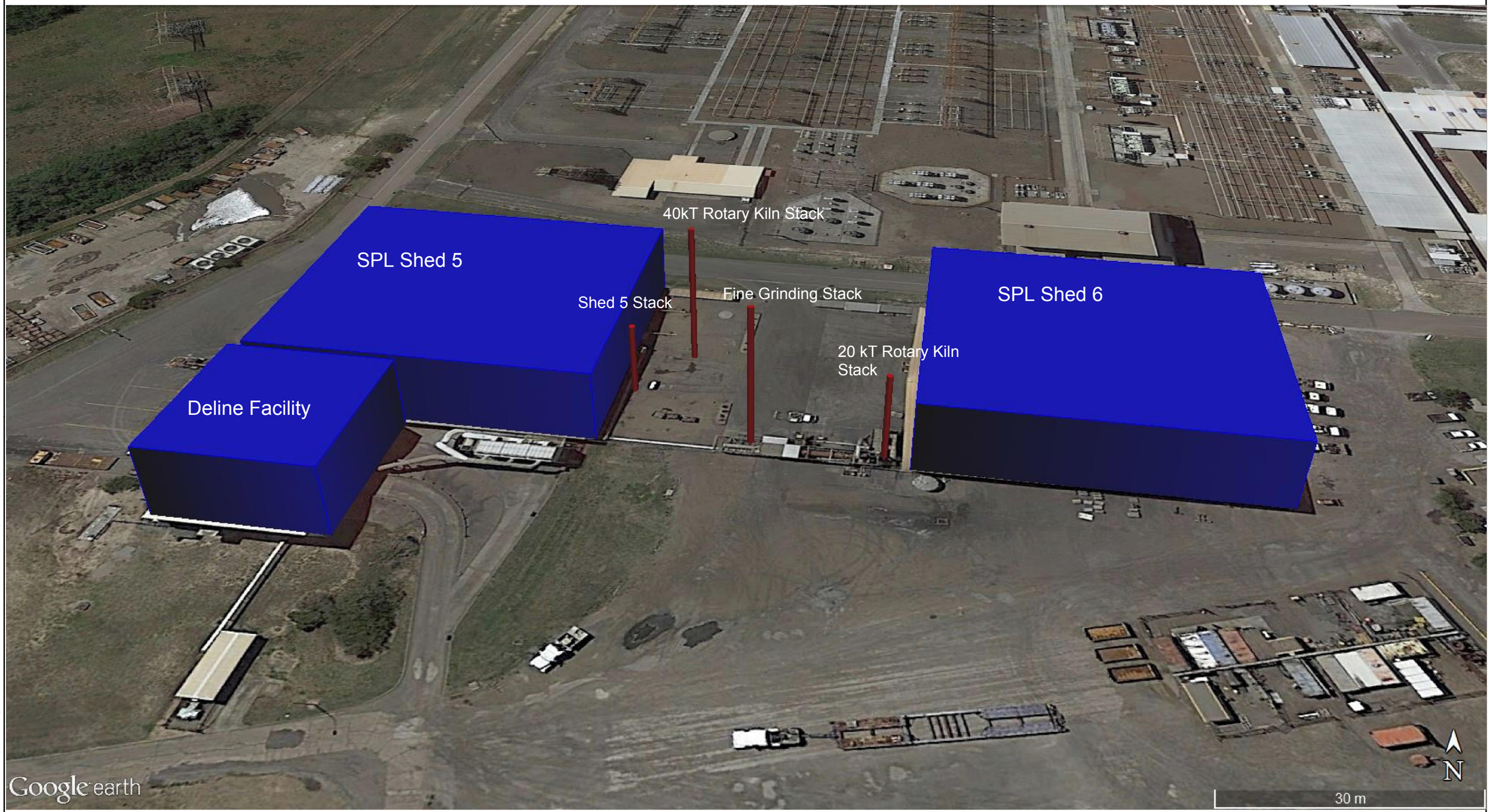
Human Health Risk Assessment

PROJECT ID	60512726
CREATED BY	LB
LAST MODIFIED	LB - 20/07/2018
VERSION:	2

Map **2**

A3 size

Filename: C:\Users\bowenl2\Desktop\PROJECTS\60512726\4.99_GIS\02_MXDs\F2_60512726_RegainTomagoFacility_LandUse.mxd



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Coordinate System: GDA 1994 MGA Zone 56
Projection: Transverse Mercator

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metres

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Data sources:

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Newcastle Local Environment Plan (LEP) 2012

REGAIN TOMAGO FACILITY
638 Tomago Road, NSW

REGAIN FACILITY LAYOUT (Including nearby Tomago Aluminium Deline Shed D)

Human Health Risk Assessment

PROJECT ID	60512726
CREATED BY	LB
LAST MODIFIED	LB - 16/07/2018
VERSION:	1

Map
3

Filename: C:\Users\bowenl2\Desktop\PROJECTS\60512726\4.99_GIS\02_MXDs\F3_60512726_RegainTomagoFacility_FacilityLayout.mxd

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TARRO

NEW ENGLAND HWY

PACIFIC HWY

HEXHAM

TOMAGO

TOMAGO RD

MAITLAND RD

Grid Maximum and Maximum Commercial Scenarios 1 and 2

Maximum Recreational for Scenarios 1 and 2

Tomago House and Chapel (Function and Venue Hire)

Maximum Residential for Scenarios 1 and 2

Corrective Services NSW Academy

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N

Coordinate System: GDA 1994 MGA Zone 56
Projection: Transverse Mercator

0 345 690 1,380
metres

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LEGEND

- Residential Receptors
- Commercial Receptors
- Recreational Receptors
- SPL Site
- Tomago Site Boundary
- Cadastral Boundaries

Data sources:

Imagery (c) 2016, maps.six.nsw.gov.au
Cadastral Information (c) Streets Pro
Newcastle Local Environment Plan (LEP) 2012

REGAIN TOMAGO FACILITY
638 Tomago Road, NSW

HUMAN RECEPTOR LOCATIONS

Human Health Risk Assessment

PROJECT ID	60512726
CREATED BY	LB
LAST MODIFIED	LB - 20/07/2018
VERSION:	2

Map 3

A3 size

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Appendix B

Screening Tables

Table T1
Screening Criteria Selection Process - Chronic Exposure

CoPC	Averaging Period	NSW EPA Approved Methods (2016) µg/m³	NEPM Air Toxics (2011) µg/m³	NEPM Ambient Air Quality (2003) (µg/m³)	WHO (2010) (µg/m³)	WHO (2005) (µg/m³)	WHO (2000) (µg/m³)	US EPA RSLs Residential Air (May 2018) (µg/m³)	US EPA RSLs Industrial Air (May 2018) µg/m³	Selected Tier 1 Screening Criteria - Residents (µg/m³)	Selected Tier 1 Screening Criteria - Commercial Worker (µg/m³)
Carbon monoxide (CO)	15 minutes	-	-	-	100,000	-	100,000	-	-	7,000	7,000
	30 minutes	-	-	-	-	-	60,000				
	1 hour	30,000	-	-	35,000	-	30,000				
	8 hours	10,000	-	10,000 (a)	10,000	-	10,000				
	24 hours	-		-	7,000						
Sulphur dioxide (SO_2)	10 minutes	-	-	-	-	500	500	-	-	50	50
	1 hour	570	-	520 (a)	-	-	-				
	1 day	228	-	210 (a)	-	20	125				
	1 year	60	-	50 (a)	-	-	50				
Nitrogen dioxide (NO_2))	1 hour	246	-	230 (a)	200	200	200	-	-	55	55
	1 year	62	-	55 (a)	40	40	40				
Lead	1 year	0.5	-	0.5	-		0.5	0.15	-	0.15	0.15 (g)
Hydrogen fluoride (HF)	-	-	-	-	-	-	-	15	61	2.9	2.9
	24 hours	2.9	-	-	-	-	-	-	-		
PM_{10}	1 day	50	-	50 (a)	-	50	-	-	-	25	25
	1 year	25	-	-	-	20	-				
Total Suspended Particulates (TSP)	1 day	-	-	25 (a)	-	25	-	-	-	8	8
	1 year	90	-	8 (a)	-	10	-				
Cyanide			-	-	-	-	-	0.83	3.5	0.83	3.5
PAHs as benzo(a)pyrene	1 year		0.0003 (a)	-	0.00012	-	0.00001 (b)	0.0017	0.0088	0.0003	0.0003
Napthalene	1 year		-	-	10	-	-	0.083	0.36	10	10
Benzene	1 year		9.6 (a)	-	1.7	-	0.1 (b)	0.36	1.6	1.7	1.7
Toluene	30 minutes		-	-	-	-	1000	5200	22000	380	380
	1 day		3770 (a)	-	-	-	-				
	1 week		-	-	-	-	260				
	1 year		380 (a)	-	-	-	-				
Acetone (propanone)	-		-	-	-	-	-	32,000	140,000	32,000	140,000
Dioxins and furans (PCDDs and PCDFs)	-		-	-	-	-	-	0.0000022 (c)	0.0000094	0.0000022	0.0000094
Antimony	-		-	-	-	-	-	-	-	-	-
Arsenic	-		-	-	-	-	0.0066	0.00065	0.0029	0.0066	0.0066
Cadmium	-		-	-	-	-	0.0050	0.0016	0.0068	0.0050	0.0050
Chromium	-		-	-	-	-	0.00025	0.000012 (d)	0.00015 (d)	0.00025	0.00025
Manganese	-		-	-	-	-	0.15	0.052	0.22	0.15	0.15
Mercury	-		-	-	-	-	1.0	0.31 (e)	1.3 (e)	1.0	1.0
Nickel	-		-	-	-	-	0.0250	0.011 (f)	0.047 (f)	0.0250	0.0250

Notes:
(a) Converted from parts per million (or nanograms per cubic metre) using molecular weight for each CoPC published by RAIS (2015). Standard temperature and pressure assumed i.e. 25ºC and 1 atm
(b) Converted published unit risk value for carcinogenic CoPC using an acceptable risk level of 1 x 10^{-6}
(c) Value for Hexachlorodibenzo-p-dioxin, Mixture adopted as a surrogate guideline value
(d) Value for Chromium(VI) adopted for conservatism (no RSL for Chromium III).
(e) Value for mercuric chloride (and other mercury salts) and mercury (elemental) adopted.
(f) Value for nickel acetate, nickel carbonate, nickel carbonyl, nickel hydroxide, nickel oxide, nickel soluble salts and nickelocene adopted.
(g) The more conservative US EPA value for lead has been adopted, as per NSW EPA recommendation.

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NSW EPA Approved Methods (2016)

Table T2
Chronic Air Quality Results

CoPC	Selected Tier 1 Screening Criteria - Residents (µg/m^3)	Selected Tier 1 Screening Criteria - Commercial Worker (µg/m3)	Scenario 1 Normal Operating Conditions - Annual Average Ground Level Concentrations (µg/m^3)				Scenario 2 EPL Operating Conditions - Annual Average Ground Level Concentrations (µg/m^3)			
			Grid Maximum	Off-site Resident	Off-site Commercial Worker	Off-site Recreational Worker	Grid Maximum	Off-site Resident	Off-site Commercial Worker	Off-site Recreational Worker
Carbon monoxide (CO)	7000	7000	3.55E+00	2.68E-01	3.55E+00	3.91E-01	-	-	-	-
Sulphur dioxide (SO_2)	50	50	1.24E-01	9.30E-03	1.24E-01	1.35E-02	2.37E+00	1.79E-01	2.37E+00	2.58E-01
Nitrogen dioxide (NO_2)	55	55	2.60E-01	1.95E-02	2.60E-01	2.84E-02	4.73E+00	3.58E-01	4.73E+00	5.17E-01
Lead	0.15	0.15	6.74E-05	5.03E-06	6.74E-05	7.34E-06	2.19E-03	1.66E-04	2.19E-03	2.39E-04
PM_{10}	25	25	1.99E-01	1.37E-02	1.99E-01	2.04E-02	1.32E+00	7.44E-02	1.32E+00	1.19E-01
TSP	8	8	3.58E-01	1.81E-02	3.58E-01	3.00E-02	2.52E+00	1.13E-01	2.52E+00	2.04E-01
Hydrogen fluoride (HF)	2.9	2.9	3.98E-02	2.99E-03	3.98E-02	4.35E-03	2.37E-01	1.79E-02	2.37E-01	2.58E-02
PAHs as benzo(a)pyrene*	0.0003	0.0003	4.33E-05	3.24E-06	4.33E-05	4.72E-06	1.59E-04	1.20E-05	1.59E-04	1.74E-05
Naphthalene*	10	10	6.42E-03	4.81E-04	6.42E-03	7.00E-04	2.35E-02	1.78E-03	2.35E-02	2.57E-03
Benzene	1.7	1.7	3.21E-03	2.41E-04	3.21E-03	3.51E-04	3.84E-02	2.90E-03	3.84E-02	4.19E-03
Toluene	380	380	4.14E-02	3.11E-03	4.14E-02	4.53E-03	4.94E-01	3.74E-02	4.94E-01	5.39E-02
Acetone (propanone)	32000	140000	3.47E-02	2.61E-03	3.47E-02	3.80E-03	4.14E-01	3.14E-02	4.14E-01	4.53E-02
Dioxins and furans (PCDDs and PCDFs)	0.0000022	0.0000094	2.43E-10	1.82E-11	2.43E-10	2.66E-11	4.73E-09	3.58E-10	4.73E-09	5.17E-10
Antimony	-	-	1.72E-05	1.27E-06	1.72E-05	1.86E-06	5.66E-04	4.28E-05	5.66E-04	6.18E-05
Arsenic	0.0066	0.0066	1.22E-05	8.81E-07	1.22E-05	1.29E-06	4.17E-04	3.16E-05	4.17E-04	4.56E-05
Cadmium	0.0050	0.0050	1.89E-04	1.42E-05	1.89E-04	2.06E-05	1.16E-03	8.78E-05	1.16E-03	1.27E-04
Chromium (total)	0.00025	0.00025	1.18E-04	8.80E-06	1.18E-04	1.28E-05	3.82E-03	2.89E-04	3.82E-03	4.17E-04
Manganese	0.15	0.15	7.05E-04	5.29E-05	7.05E-04	7.70E-05	2.26E-02	1.71E-03	2.26E-02	2.47E-03
Mercury	1.0	1.0	1.12E-05	8.36E-07	1.12E-05	1.22E-06	3.61E-04	2.73E-05	3.61E-04	3.95E-05
Nickel	0.0250	0.0250	2.54E-04	1.91E-05	2.54E-04	2.78E-05	8.15E-03	6.17E-04	8.15E-03	8.91E-04
Cyanide	0.83	3.5	1.24E-02	9.32E-04	1.24E-02	1.36E-03	4.73E-02	3.58E-03	4.73E-02	5.17E-03

* The speciated breakdowns of the Total PAH stack testing results collated from 2014 to 2016, indicate that the average contribution of BaP to the Total PAH is 0.0099%, and the average contribution of naphthalene and 2-methylnapthalene to the Total PAH is 22% and 42% respectively. Thus, it was considered overly conservative to assume BaP represented 100% the Total PAH concentration. As such, only the carcinogenic PAHs (Benzo(a)anthracene, Benzo(b+j)fluoranthene, Benzo(k)fluoranthene, Benzo(g,h,i)perylene, Chrysene, Dibenz(a,h)anthracene, and Indeno(1,2,3-c,d)pyrene) have been assessed as BaP, and the average percent contribution of the carcinogenic PAHs to the Total PAH is 0.67%. The remaining contribution of PAHs (99.3%) has been assessed as naphthalene. The speciated breakdowns of the Total PAH stack testing results are presented in Appendix G

Exceedances of screening critera are highlighted in gray

Appendix C

Air Quality Data

Scenario 1 - Typical (Average) Operations - Mass Emission Rates

Source	Units	20,000 tpa Rotary Kiln Stack	40,000 tpa Rotary Kiln Stack	Shed 5 Stack	Fine Grinding Mill Stack	Drying Plant Stack
Cyanide	g/s	0.00224	0.00259	-	-	-
Dioxins & Furans	g/s	4.38E-11	5.07E-11	-	-	-
Fine Particulates (PM10)	g/s	0.02705	0.03133	0.00509	0.01326	0.00548
Nitrogen Oxides	g/s	0.04687	0.05429	-	-	-
Polycyclic Aromatic Hydrocarbons	g/s	0.00116	0.00135	-	-	-
Sulfur Dioxide	g/s	0.02233	0.02586	-	-	-
Total Fluoride	g/s	0.00717	0.00831	-	-	-
Total Solid Particulate	g/s	0.03787	0.04386	0.03310	0.01857	0.00767
Type 1 & Type 2 Substances	g/s	0.00027	0.00031	-	-	-
Antimony*	g/s	3.17E-06	3.67E-06	-	-	-
Arsenic*	g/s	2.34E-06	2.71E-06	-	-	-
Cadmium	g/s	3.41E-05	3.95E-05	-	-	-
Chromium*	g/s	2.14E-05	2.48E-05	-	-	-
Lead*	g/s	1.23E-05	1.42E-05	-	-	-
Manganese*	g/s	1.27E-04	1.47E-04	-	-	-
Mercury*	g/s	2.02E-06	2.34E-06	-	-	-
Nickel*	g/s	4.57E-05	5.29E-05	-	-	-
Volatile Organic Compounds	g/s	0.01357	0.01571	-	-	-
Acetone*	g/s	0.00626	0.00725	-	-	-
Benzene*	g/s	0.00058	0.00067	-	-	-
Toluene*	g/s	0.00746	0.00864	-	-	-

Scenario 2 - Maximum EPL Limits Mass Emission Rates

Source	Units	20,000 tpa Rotary Kiln Stack	40,000 tpa Rotary Kiln Stack	Shed 5 Stack	Fine Grinding Mill Stack	Drying Plant Stack
Cyanide	g/s	0.00852	0.00987	-	-	-
Dioxins & Furans	g/s	8.52E-10	9.87E-10	-	-	-
Fine Particulates (PM10)	g/s	0.08523	0.09871	0.20104	0.01953	0.06004
Nitrogen Oxides	g/s	0.85225	0.98706	-	-	-
Polycyclic Aromatic Hydrocarbons	g/s	0.00426	0.00494	-	-	-
Sulfur Dioxide	g/s	0.42613	0.49353	-	-	-
Total Fluoride	g/s	0.04261	0.04935	-	-	-
Total Solid Particulate	g/s	0.17045	0.19741	0.40207	0.03906	0.12008
Type 1 & Type 2 Substances	g/s	0.00852	0.00987	-	-	-
Antimony*	g/s	1.02E-04	1.18E-04	-	-	-
Arsenic*	g/s	7.51E-05	8.70E-05	-	-	-
Cadmium	g/s	2.09E-04	2.42E-04	-	-	-
Chromium*	g/s	6.88E-04	7.97E-04	-	-	-
Lead*	g/s	3.94E-04	4.57E-04	-	-	-
Manganese*	g/s	4.07E-03	4.71E-03	-	-	-
Mercury*	g/s	6.51E-05	7.53E-05	-	-	-
Nickel*	g/s	1.47E-03	1.70E-03	-	-	-
Volatile Organic Compounds	g/s	0.17045	0.19741	-	-	-
Acetone*	g/s	0.0746	0.0864	-	-	-
Benzene*	g/s	0.00691	0.00801	-	-	-
Toluene*	g/s	0.08893	0.103	-	-	-

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 1 GRID MAX

Annual Average Pollutant Concentration (µg/m3) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.124**	**0.260**	**3.550**	**0.199**	**6.74E-05**	**0.358**	**0.040**	**0.012**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**0.035**	**0.003**	**0.041**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1	SG_1	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6364.500	1.18E-03	2.49E-03	3.47E-02	1.91E-03	6.45E-07	1.56E-03	3.80E-04	1.18E-04	2.32E-12	6.16E-05	1.65E-07	1.19E-07	1.80E-06	1.13E-06	6.72E-06	1.07E-07	2.42E-06	3.31E-04	3.06E-05	3.95E-04
2	SG_2	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6364.500	1.16E-03	2.45E-03	3.43E-02	1.88E-03	6.36E-07	1.57E-03	3.74E-04	1.17E-04	2.28E-12	6.08E-05	1.63E-07	1.18E-07	1.78E-06	1.11E-06	6.62E-06	1.05E-07	2.39E-06	3.27E-04	3.02E-05	3.89E-04
3	SG_3	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6364.500	1.13E-03	2.39E-03	3.34E-02	1.83E-03	6.20E-07	1.55E-03	3.65E-04	1.14E-04	2.23E-12	5.92E-05	1.59E-07	1.15E-07	1.73E-06	1.08E-06	6.45E-06	1.02E-07	2.33E-06	3.18E-04	2.94E-05	3.79E-04
4	SG_4	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6364.500	1.06E-03	2.24E-03	3.13E-02	1.71E-03	5.81E-07	1.46E-03	3.42E-04	1.07E-04	2.09E-12	5.55E-05	1.49E-07	1.07E-07	1.62E-06	1.02E-06	6.05E-06	9.60E-08	2.18E-06	2.98E-04	2.76E-05	3.55E-04
5	SG_5	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6364.500	9.98E-04	2.11E-03	2.95E-02	1.61E-03	5.46E-07	1.38E-03	3.21E-04	1.00E-04	1.96E-12	5.22E-05	1.40E-07	1.01E-07	1.53E-06	9.55E-07	5.69E-06	9.03E-08	2.05E-06	2.80E-04	2.59E-05	3.34E-04
6	SG_6	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6364.500	9.77E-04	2.06E-03	2.89E-02	1.57E-03	5.35E-07	1.37E-03	3.15E-04	9.81E-05	1.92E-12	5.11E-05	1.37E-07	9.87E-08	1.49E-06	9.35E-07	5.57E-06	8.84E-08	2.01E-06	2.75E-04	2.54E-05	3.27E-04
7	SG_7	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6364.500	9.52E-04	2.01E-03	2.81E-02	1.53E-03	5.21E-07	1.35E-03	3.07E-04	9.56E-05	1.87E-12	4.98E-05	1.33E-07	9.60E-08	1.46E-06	9.10E-07	5.43E-06	8.61E-08	1.96E-06	2.68E-04	2.47E-05	3.19E-04
8	SG_8	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6364.500	9.44E-04	1.99E-03	2.79E-02	1.50E-03	5.17E-07	1.36E-03	3.04E-04	9.48E-05	1.86E-12	4.93E-05	1.32E-07	9.51E-08	1.44E-06	9.03E-07	5.38E-06	8.54E-08	1.94E-06	2.65E-04	2.45E-05	3.16E-04
9	SG_9	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6364.500	9.46E-04	2.00E-03	2.79E-02	1.50E-03	5.18E-07	1.40E-03	3.05E-04	9.51E-05	1.86E-12	4.94E-05	1.32E-07	9.51E-08	1.45E-06	9.04E-07	5.39E-06	8.56E-08	1.94E-06	2.66E-04	2.46E-05	3.17E-04
10	SG_10	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6364.500	9.69E-04	2.04E-03	2.85E-02	1.54E-03	5.29E-07	1.49E-03	3.12E-04	9.73E-05	1.90E-12	5.06E-05	1.35E-07	9.70E-08	1.48E-06	9.25E-07	5.52E-06	8.76E-08	1.99E-06	2.72E-04	2.52E-05	3.24E-04
11	SG_11	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6364.500	8.40E-04	1.77E-03	2.48E-02	1.33E-03	4.59E-07	1.29E-03	2.71E-04	8.44E-05	1.65E-12	4.39E-05	1.17E-07	8.36E-08	1.29E-06	8.02E-07	4.79E-06	7.59E-08	1.73E-06	2.36E-04	2.18E-05	2.81E-04
12	SG_12	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6364.500	8.08E-04	1.71E-03	2.39E-02	1.28E-03	4.41E-07	1.27E-03	2.60E-04	8.12E-05	1.59E-12	4.22E-05	1.12E-07	7.98E-08	1.24E-06	7.70E-07	4.60E-06	7.30E-08	1.66E-06	2.27E-04	2.10E-05	2.71E-04
13	SG_13	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6364.500	7.92E-04	1.67E-03	2.34E-02	1.25E-03	4.32E-07	1.27E-03	2.55E-04	7.96E-05	1.56E-12	4.14E-05	1.10E-07	7.77E-08	1.21E-06	7.55E-07	4.51E-06	7.15E-08	1.63E-06	2.23E-04	2.06E-05	2.65E-04
14	SG_14	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6364.500	7.93E-04	1.67E-03	2.34E-02	1.24E-03	4.32E-07	1.28E-03	2.55E-04	7.97E-05	1.56E-12	4.14E-05	1.10E-07	7.73E-08	1.21E-06	7.55E-07	4.52E-06	7.16E-08	1.63E-06	2.23E-04	2.06E-05	2.66E-04
15	SG_15	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6364.500	8.31E-04	1.75E-03	2.45E-02	1.29E-03	4.52E-07	1.34E-03	2.67E-04	8.35E-05	1.63E-12	4.34E-05	1.15E-07	8.05E-08	1.27E-06	7.90E-07	4.73E-06	7.49E-08	1.71E-06	2.33E-04	2.16E-05	2.78E-04
16	SG_16	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6364.500	9.03E-04	1.91E-03	2.66E-02	1.39E-03	4.91E-07	1.43E-03	2.91E-04	9.07E-05	1.78E-12	4.71E-05	1.25E-07	8.72E-08	1.38E-06	8.59E-07	5.15E-06	8.14E-08	1.86E-06	2.54E-04	2.35E-05	3.02E-04
17	SG_17	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6364.500	1.01E-03	2.13E-03	2.97E-02	1.53E-03	5.49E-07	1.55E-03	3.25E-04	1.01E-04	1.98E-12	5.27E-05	1.39E-07	9.72E-08	1.54E-06	9.59E-07	5.75E-06	9.10E-08	2.08E-06	2.84E-04	2.62E-05	3.38E-04
18	SG_18	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6364.500	1.20E-03	2.54E-03	3.53E-02	1.80E-03	6.54E-07	1.80E-03	3.88E-04	1.21E-04	2.37E-12	6.28E-05	1.66E-07	1.16E-07	1.84E-06	1.14E-06	6.86E-06	1.09E-07	2.48E-06	3.38E-04	3.13E-05	4.03E-04
19	SG_19	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6364.500	1.46E-03	3.07E-03	4.26E-02	2.17E-03	7.91E-07	2.14E-03	4.69E-04	1.46E-04	2.86E-12	7.59E-05	2.00E-07	1.39E-07	2.22E-06	1.38E-06	8.30E-06	1.31E-07	3.00E-06	4.09E-04	3.79E-05	4.87E-04
20	SG_20	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6364.500	1.59E-03	3.35E-03	4.65E-02	2.37E-03	8.64E-07	2.28E-03	5.12E-04	1.60E-04	3.13E-12	8.30E-05	2.19E-07	1.52E-07	2.43E-06	1.51E-06	9.07E-06	1.43E-07	3.28E-06	4.47E-04	4.14E-05	5.33E-04
21	SG_21	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6364.500	1.69E-03	3.56E-03	4.93E-02	2.52E-03	9.16E-07	2.35E-03	5.43E-04	1.70E-04	3.32E-12	8.80E-05	2.32E-07	1.61E-07	2.58E-06	1.60E-06	9.61E-06	1.52E-07	3.47E-06	4.74E-04	4.39E-05	5.65E-04
22	SG_22	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6364.500	1.82E-03	3.84E-03	5.33E-02	2.74E-03	9.89E-07	2.46E-03	5.87E-04	1.83E-04	3.58E-12	9.50E-05	2.50E-07	1.73E-07	2.78E-06	1.73E-06	1.04E-05	1.64E-07	3.75E-06	5.12E-04	4.74E-05	6.10E-04
23	SG_23	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6364.500	2.00E-03	4.21E-03	5.84E-02	3.02E-03	1.08E-06	2.62E-03	6.43E-04	2.01E-04	3.93E-12	1.04E-04	2.74E-07	1.89E-07	3.05E-06	1.90E-06	1.14E-05	1.80E-07	4.12E-06	5.62E-04	5.20E-05	6.69E-04
24	SG_24	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6364.500	2.19E-03	4.63E-03	6.42E-02	3.33E-03	1.19E-06	2.79E-03	7.06E-04	2.21E-04	4.31E-12	1.14E-04	3.01E-07	2.08E-07	3.35E-06	2.08E-06	1.25E-05	1.98E-07	4.52E-06	6.17E-04	5.71E-05	7.35E-04
25	SG_25	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6364.500	2.46E-03	5.18E-03	7.19E-02	3.72E-03	1.33E-06	3.01E-03	7.91E-04	2.47E-04	4.83E-12	1.28E-04	3.37E-07	2.33E-07	3.76E-06	2.33E-06	1.40E-05	2.21E-07	5.06E-06	6.91E-04	6.39E-05	8.23E-04
26	SG_26	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6364.500	2.80E-03	5.90E-03	8.18E-02	4.21E-03	1.52E-06	3.30E-03	9.01E-04	2.81E-04	5.50E-12	1.46E-04	3.84E-07	2.65E-07	4.28E-06	2.66E-06	1.60E-05	2.52E-07	5.77E-06	7.87E-04	7.28E-05	9.38E-04
27	SG_27	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6364.500	2.98E-03	6.29E-03	8.72E-02	4.42E-03	1.62E-06	3.31E-03	9.60E-04	3.00E-04	5.86E-12	1.56E-04	4.09E-07	2.83E-07	4.56E-06	2.83E-06	1.70E-05	2.69E-07	6.14E-06	8.38E-04	7.76E-05	9.99E-04
28	SG_28	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6364.500	3.26E-03	6.89E-03	9.55E-02	4.80E-03	1.77E-06	3.48E-03	1.05E-03	3.28E-04	6.42E-12	1.70E-04	4.48E-07	3.11E-07	4.99E-06	3.10E-06	1.86E-05	2.94E-07	6.73E-06	9.18E-04	8.50E-05	1.09E-03
29	SG_29	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6364.500	3.72E-03	7.86E-03	1.09E-01	5.50E-03	2.02E-06	3.90E-03	1.20E-03	3.75E-04	7.33E-12	1.94E-04	5.12E-07	3.55E-07	5.70E-06	3.54E-06	2.12E-05	3.36E-07	7.68E-06	1.05E-03	9.70E-05	1.25E-03
30	SG_30	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6364.500	4.36E-03	9.19E-03	1.27E-01	6.51E-03	2.37E-06	4.61E-03	1.40E-03	4.38E-04	8.57E-12	2.27E-04	5.99E-07	4.15E-07	6.66E-06	4.14E-06	2.48E-05	3.93E-07	8.98E-06	1.23E-03	1.13E-04	1.46E-03
31	SG_31	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6364.500	4.60E-03	9.69E-03	1.34E-01	6.91E-03	2.50E-06	4.84E-03	1.48E-03	4.62E-04	9.04E-12	2.40E-04	6.32E-07	4.39E-07	7.03E-06	4.37E-06	2.62E-05	4.14E-07	9.47E-06	1.29E-03	1.20E-04	1.54E-03
32	SG_32	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6364.700	1.33E-03	2.80E-03	3.91E-02	2.13E-03	7.27E-07	1.78E-03	4.28E-04	1.33E-04	2.61E-12	6.94E-05	1.86E-07	1.34E-07	2.03E-06	1.27E-06	7.57E-06	1.20E-07	2.73E-06	3.73E-04	3.45E-05	4.45E-04
33	SG_33	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6364.700	1.27E-03	2.67E-03	3.73E-02	2.03E-03	6.94E-07	1.72E-03	4.08E-04	1.27E-04	2.49E-12	6.63E-05	1.78E-07	1.28E-07	1.94E-06	1.21E-06	7.22E-06	1.15E-07	2.60E-06	3.56E-04	3.29E-05	4.25E-04
34	SG_34	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6364.700	1.23E-03	2.60E-03	3.63E-02	1.97E-03	6.74E-07	1.70E-03	3.97E-04	1.24E-04	2.42E-12	6.44E-05	1.73E-07	1.25E-07	1.88E-06	1.18E-06	7.02E-06	1.11E-07	2.53E-06	3.46E-04	3.20E-05	4.12E-04
35	SG_35	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6364.700	1.20E-03	2.52E-03	3.52E-02	1.92E-03	6.55E-07	1.68E-03	3.85E-04	1.20E-04	2.35E-12	6.26E-05	1.68E-07	1.21E-07	1.83E-06	1.15E-06	6.82E-06	1.08E-07	2.46E-06	3.36E-04	3.11E-05	4.01E-04
36	SG_36	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6364.700	1.14E-03	2.42E-03	3.37E-02	1.83E-03	6.27E-07	1.62E-03	3.69E-04	1.15E-04	2.25E-12	5.98E-05	1.61E-07	1.16E-07	1.75E-06	1.09E-06	6.52E-06	1.04E-07	2.35E-06	3.22E-04	2.98E-05	3.83E-04
37	SG_37	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6364.700	1.13E-03	2.38E-03	3.32E-02	1.81E-03	6.17E-07	1.63E-03	3.63E-04	1.13E-04	2.21E-12	5.89E-05	1.58E-07	1.14E-07	1.72E-06	1.08E-06	6.42E-06	1.02E-07	2.31E-06	3.17E-04	2.93E-05	3.77E-04
38	SG_38	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6364.700	1.09E-03	2.31E-03	3.23E-02	1.75E-03	5.99E-07	1.62E-03	3.53E-04	1.10E-04	2.15E-12	5.72E-05	1.54E-07	1.11E-07	1.68E-06	1.05E-06	6.24E-06	9.91E-08	2.25E-06	3.08E-04	2.85E-05	3.67E-04
39	SG_39	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6364.700	1.09E-03	2.31E-03	3.22E-02	1.75E-03	5.99E-07	1.65E-03	3.53E-04	1.10E-04	2.15E-12	5.72E-05	1.53E-07	1.10E-07	1.68E-06	1.05E-06	6.24E-06	9.90E-08	2.25E-06	3.08E-04	2.85E-05	3.67E-04
40	SG_40	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6364.700	1.02E-03	2.15E-03	3.01E-02	1.61E-03	5.58E-07	1.54E-03	3.28E-04	1.02E-04	2.00E-12	5.33E-05	1.43E-07	1.03E-07	1.56E-06	9.75E-07	5.81E-06	9.22E-08	2.10E-06	2.87E-04	2.65E-05	3.42E-04
41	SG_41	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6364.700	1.02E-03	2.15E-03	3.00E-02	1.61E-03	5.58E-07	1.58E-03	3.28E-04	1.02E-04	2.00E-12	5.33E-05	1.43E-07	1.02E-07	1.56E-06	9.74E-07	5.81E-06	9.22E-08	2.10E-06	2.87E-04	2.65E-05	3.42E-04
42	SG_42	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6364.700	8.96E-04	1.89E-03	2.64E-02	1.41E-03	4.90E-07	1.39E-03	2.89E-04	9.00E-05	1.76E-12	4.68E-05	1.25E-07	8.93E-08	1.37E-06	8.56E-07	5.11E-06	8.10E-08	1.84E-06	2.52E-04	2.33E-05	3.00E-04
43	SG_43	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6364.700	8.65E-04	1.83E-03	2.55E-02	1.36E-03	4.72E-07	1.38E-03	2.78E-04	8.69E-05	1.70E-12	4.52E-05	1.20E-07	8.55E-08	1.32E-06	8.25E-07	4.93E-06	7.81E-08	1.78E-06	2.43E-04	2.25E-05	2.90E-04
44	SG_44	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6364.700	8.59E-04	1.81E-03	2.53E-02	1.35E-03	4.68E-07	1.40E-03	2.76E-04	8.62E-05	1.69E-12	4.48E-05	1.19E-07	8.42E-08	1.31E-06	8.18E-07	4.89E-06	7.75E-08	1.77E-06	2.41E-04	2.23E-05	2.87E-04
45	SG_45	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6364.700	8.64E-04	1.82E-03	2.54E-02	1.35E-03	4.70E-07	1.42E-03	2.78E-04	8.67E-05	1.70E-12	4.51E-05	1.20E-07	8.42E-08	1.32E-06	8.22E-07	4.92E-06	7.79E-08	1.78E-06	2.43E-04	2.24E-05	2.89E-04
46	SG_46	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6364.700	8.89E-04	1.88E-03	2.62E-02	1.38E-03	4.84E-07	1.46E-03	2.86E-04	8.93E-05	1.75E-12	4.64E-05	1.23E-07	8.62E-08	1.36E-06	8.46E-07	5.07E-06	8.02E-08	1.83E-06	2.50E-04	2.31E-05	2.98E-04
47	SG_47	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6364.700	9.83E-04	2.07E-03	2.89E-02	1.50E-03	5.34E-07	1.58E-03	3.16E-04	9.87E-05	1.93E-12	5.13E-05	1.36E-07	9.48E-08	1.50E-06	9.34E-07	5.60E-06	8.86E-08	2.02E-06	2.76E-04	2.56E-05	3.29E-04
48	SG_48	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6364.700	1.10E-03	2.32E-03	3.23E-02	1.66E-03	5.98E-07	1.71E-03	3.54E-04	1.11E-04	2.16E-12	5.74E-05	1.52E-07	1.06E-07	1.68E-06	1.05E-06	6.27E-06	9.92E-08	2.26E-06	3.09E-04	2.86E-05	3.68E-04
49	SG_49	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6364.700	1.35E-03	2.84E-03	3.94E-02	2.00E-03	7.32E-07	2.04E-03	4.34E-04	1.35E-04	2.65E-12	7.03E-05	1.86E-07	1.29E-07	2.06E-06	1.28E-06	7.67E-06	1.21E-07	2.77E-06	3.78E-04	3.50E-05	4.51E-04
50	SG_50	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6364.700	1.60E-03	3.37E-03	4.67E-02	2.37E-03	8.68E-07	2.37E-03	5.14E-04	1.60E-04	3.14E-12	8.33E-05	2.20E-07	1.53E-07	2.44E-06	1.52E-06	9.10E-06	1.44E-07	3.29E-06	4.49E-04	4.15E-05	5.35E-04
51	SG_51	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6364.700	1.72E-03	3.61E-03	5.01E-02	2.54E-03	9.31E-07	2.47E-03	5.52E-04	1.72E-04	3.37E-12	8.94E-05	2.36E-07	1.64E-07	2.62E-06	1.63E-06	9.77E-06	1.54E-07	3.53E-06	4.82E-04	4.46E-05	5.74E-04
52	SG_52	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6364.700	1.88E-03	3.95E-03	5.47E-02	2.80E-03	1.02E-06	2.63E-03	6.03E-04	1.88E-04	3.68E-12	9.78E-05	2.57E-07	1.78E-07	2.86E-06	1.78E-06	1.07E-05	1.69E-07	3.86E-06	5.27E-04	4.88E-05	6.28E-04
53	SG_53	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6364.700	2.05E-03	4.31E-03	5.98E-02	3.07E-03	1.11E-06	2.79E-03	6.59E-04	2.06E-04	4.02E-12	1.07E-04	2.81E-07	1.94E-07	3.13E-06	1.94E-06	1.17E-05	1.84E-07	4.22E-06	5.75E-04	5.32E-05	6.85E-04
54	SG_54	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6364.700	2.27E-03	4.79E-03	6.64E-02	3.43E-03	1.23E-06	3.00E-03	7.32E-04	2.29E-04	4.47E-12	1.19E-04	3.12E-07	2.15E-07	3.47E-06	2.16E-06	1.30E-05	2.05E-07	4.68E-06	6.39E-04	5.92E-05	7.61E-04
55	SG_55	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6364.700	2.54E-03	5.35E-03	7.41E-02	3.82E-03	1.38E-06	3.23E-03	8.16E-04	2.55E-04	4.98E-12	1.32E-04	3.48E-07	2.40E-07	3.87E-06	2.41E-06	1.45E-05	2.28E-07	5.22E-06	7.13E-04	6.60E-05	8.49E-04
56	SG_56	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6364.700	2.79E-03	5.89E-03	8.15E-02	4.17E-03	1.51E-06	3.38E-03	8.99E-04	2.81E-04	5.49E-12	1.46E-04	3.83E-07	2.65E-07	4.27E-06	2.65E-06	1.59E-05	2.51E-07	5.75E-06	7.84E-04	7.26E-05	9.35E-04
57	SG_57	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6364.700	3.12E-03	6.59E-03	9.13E-02	4.62E-03	1.70E-06	3.61E-03	1.01E-03	3.14E-04	6.15E-12	1.63E-04	4.29E-07	2.97E-07	4.78E-06	2.97E-06	1.78E-05	2.82E-07	6.44E-06	8.79E-04	8.14E-05	1.05E-03
58	SG_58	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6364.700	3.81E-03	8.03E-03	1.11E-01	5.63E-03	2.07E-06	4.30E-03	1.23E-03	3.83E-04	7.49E-12	1.99E-04	5.23E-07	3.62E-07	5.82E-06	3.61E-06	2.17E-05	3.43E-07	7.85E-06	1.07E-03	9.91E-05	1.28E-03
59	SG_59	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6364.700	4.77E-03	1.01E-02	1.39E-01	7.16E-03	2.59E-06	5.48E-03	1.54E-03	4.80E-04	9.39E-12	2.49E-04	6.56E-07	4.54E-07	7.30E-06	4.53E-06	2.72E-05	4.30E-07	9.84E-06	1.34E-03	1.24E-04	1.60E-03
60	SG_60	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6364.700	4.96E-03	1.04E-02	1.45E-01	7.42E-03	2.69E-06	5.53E-03	1.60E-03	4.98E-04	9.74E-12	2.59E-04	6.81E-07	4.72E-07	7.57E-06	4.70E-06	2.82E-05	4.47E-07	1.02E-05	1.39E-03	1.29E-04	1.66E-03
61	SG_61	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6364.700	4.66E-03	9.82E-03	1.36E-01	6.93E-03	2.53E-06	4.96E-03	1.50E-03	4.68E-04	9.16E-12	2.43E-04	6.40E-07	4.44E-07	7.12E-06	4.42E-06	2.66E-05	4.20E-07	9.60E-06	1.31E-03	1.21E-04	1.56E-03
62	SG_62	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6364.700	4.43E-03	9.32E-03	1.29E-01	6.58E-03	2.40E-06	4.59E-03	1.42E-03	4.45E-04	8.70E-12	2.31E-04	6.08E-07	4.23E-07	6.76E-06	4.20E-06	2.52E-05	3.99E-07	9.11E-06	1.24E-03	1.15E-04	1.48E-03
63	SG_63	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6364.900	1.53E-03	3.22E-03	4.48E-02	2.43E-03	8.36E-07	2.08E-03	4.92E-04	1.53E-04	3.00E-12	7.98E-05	2.14E-07	1.55E-07	2.34E-06	1.46E-06	8.70E-06	1.38E-07	3.14E-06	4.29E-04	3.97E-05	5.12E-04
64	SG_64	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6364.900	1.48E-03	3.11E-03	4.34E-02	2.36E-03	8.08E-07	2.05E-03	4.75E-04	1.48E-04	2.90E-12	7.72E-05	2.07E-07	1.49E-07	2.26E-06	1.41E-06	8.41E-06	1.34E-07	3.03E-06	4.15E-04	3.84E-05	4.94E-04
65	SG_65	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6364.900	1.40E-03	2.95E-03	4.11E-02	2.23E-03	7.65E-07	1.96E-03	4.50E-04	1.40E-04	2.75E-12	7.30E-05	1.96E-07	1.41E-07	2.14E-06	1.34E-06	7.96E-06	1.26E-07	2.87E-06	3.93E-04	3.63E-05	4.68E-04
66	SG_66	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6364.900	1.39E-03	2.94E-03	4.09E-02	2.23E-03	7.63E-07	2.00E-03	4.49E-04	1.40E-04	2.74E-12	7.28E-05	1.96E-07	1.41E-07	2.13E-06	1.33E-06	7.94E-06	1.26E-07	2.86E-06	3.91E-04	3.62E-05	4.66E-04
67	SG_67	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6364.900	1.33E-03	2.81E-03	3.92E-02	2.13E-03	7.30E-07	1.95E-03	4.30E-04	1.34E-04	2.62E-12	6.97E-05	1.87E-07	1.35E-07	2.04E-06	1.28E-06	7.60E-06	1.21E-07	2.74E-06	3.75E-04	3.47E-05	4.47E-04
68	SG_68	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6364.900	1.36E-03	2.86E-03	3.98E-02	2.18E-03	7.42E-07	2.05E-03	4.37E-04	1.36E-04	2.66E-12	7.09E-05	1.90E-07	1.37E-07	2.07E-06	1.30E-06	7.73E-06	1.23E-07	2.79E-06	3.81E-04	3.52E-05	4.54E-04
69	SG_69	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6364.900	1.28E-03	2.70E-03	3.76E-02	2.05E-03	7.00E-07	1.96E-03	4.12E-04	1.28E-04	2.51E-12	6.69E-05	1.79E-07	1.29E-07	1.96E-06	1.22E-06	7.29E-06	1.16E-07	2.63E-06	3.60E-04	3.32E-05	4.28E-04
70	SG_70	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6364.900	1.15E-03	2.43E-03	3.39E-02	1.82E-03	6.30E-07	1.75E-03	3.71E-04	1.16E-04	2.26E-12	6.01E-05	1.61E-07	1.16E-07	1.76E-06	1.10E-06	6.56E-06	1.04E-07	2.36E-06	3.23E-04	2.99E-05	3.85E-04
71	SG_71	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6364.900	1.13E-03	2.38E-03	3.32E-02	1.78E-03	6.17E-07	1.74E-03	3.63E-04	1.13E-04	2.22E-12	5.90E-05	1.58E-07	1.14E-07	1.73E-06	1.08E-06	6.43E-06	1.02E-07	2.32E-06	3.17E-04	2.93E-05	3.78E-04
72	SG_72	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6364.900	1.06E-03	2.24E-03	3.12E-02	1.66E-03	5.80E-07	1.65E-03	3.42E-04	1.07E-04	2.08E-12	5.54E-05	1.48E-07	1.06E-07	1.62E-06	1.01E-06	6.04E-06	9.59E-08	2.18E-06	2.98E-04	2.76E-05	3.55E-04
73	SG_73	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6364.900	9.86E-04	2.08E-03	2.90E-02	1.55E-03	5.39E-07	1.56E-03	3.17E-04	9.90E-05	1.94E-12	5.15E-05	1.38E-07	9.84E-08	1.51E-06	9.41E-07	5.62E-06	8.91E-08	2.03E-06	2.77E-04	2.56E-05	3.30E-04
74	SG_74	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6364.900	9.72E-04	2.05E-03	2.86E-02	1.53E-03	5.30E-07	1.59E-03	3.13E-04	9.76E-05	1.91E-12	5.07E-05	1.35E-07	9.62E-08	1.49E-06	9.27E-07	5.54E-06	8.78E-08	2.00E-06	2.73E-04	2.53E-05	3.25E-04
75	SG_75	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6364.900	9.41E-04	1.99E-03	2.77E-02	1.47E-03	5.13E-07	1.57E-03	3.03E-04	9.45E-05	1.85E-12	4.91E-05	1.31E-07	9.25E-08	1.44E-06	8.97E-07	5.36E-06	8.50E-08	1.94E-06	2.64E-04	2.45E-05	3.15E-04
76	SG_76	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6364.900	9.37E-04	1.98E-03	2.76E-02	1.46E-03	5.10E-07	1.58E-03	3.02E-04	9.41E-05	1.84E-12	4.89E-05	1.30E-07	9.14E-08	1.43E-06	8.92E-07	5.34E-06	8.46E-08	1.93E-06	2.63E-04	2.44E-05	3.14E-04
77	SG_77	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6364.900	9.62E-04	2.03E-03	2.83E-02	1.48E-03	5.23E-07	1.61E-03	3.10E-04	9.66E-05	1.89E-12	5.02E-05	1.33E-07	9.33E-08	1.47E-06	9.15E-07	5.48E-06	8.68E-08	1.98E-06	2.70E-04	2.50E-05	3.22E-04
78	SG_78	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6364.900	1.06E-03	2.23E-03	3.10E-02	1.61E-03	5.75E-07	1.72E-03	3.40E-04	1.06E-04	2.08E-12	5.51E-05	1.46E-07	1.02E-07	1.61E-06	1.00E-06	6.02E-06	9.53E-08	2.18E-06	2.97E-04	2.75E-05	3.54E-04
79	SG_79	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6364.900	1.23E-03	2.59E-03	3.59E-02	1.84E-03	6.67E-07	1.93E-03	3.95E-04	1.23E-04	2.41E-12	6.40E-05	1.69E-07	1.18E-07	1.87E-06	1.17E-06	6.99E-06	1.11E-07	2.53E-06	3.45E-04	3.19E-05	4.11E-04
80	SG_80	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6364.900	1.48E-03	3.13E-03	4.34E-02	2.19E-03	8.06E-07	2.28E-03	4.78E-04	1.49E-04	2.92E-12	7.74E-05	2.04E-07	1.42E-07	2.27E-06	1.41E-06	8.45E-06	1.34E-07	3.05E-06	4.17E-04	3.86E-05	4.97E-04
81	SG_81	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6364.900	1.78E-03	3.75E-03	5.19E-02	2.62E-03	9.66E-07	2.68E-03	5.72E-04	1.79E-04	3.50E-12	9.28E-05	2.45E-07	1.70E-07	2.72E-06	1.69E-06	1.01E-05	1.60E-07	3.66E-06	5.00E-04	4.63E-05	5.95E-04
82	SG_82	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6364.900	2.01E-03	4.23E-03	5.85E-02	2.98E-03	1.09E-06	2.95E-03	6.46E-04	2.02E-04	3.95E-12	1.05E-04	2.76E-07	1.91E-07	3.07E-06	1.91E-06	1.14E-05	1.81E-07	4.13E-06	5.64E-04	5.22E-05	6.72E-04
83	SG_83	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6364.900	2.17E-03	4.56E-03	6.32E-02	3.23E-03	1.18E-06	3.08E-03	6.97E-04	2.18E-04	4.26E-12	1.13E-04	2.97E-07	2.06E-07	3.31E-06	2.06E-06	1.23E-05	1.95E-07	4.46E-06	6.09E-04	5.63E-05	7.25E-04

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 1 GRID MAX

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.124**	**0.260**	**3.550**	**0.199**	**6.74E-05**	**0.358**	**0.040**	**0.012**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**0.035**	**0.003**	**0.041**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
84	SG_84	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6364.900	2.41E-03	5.07E-03	7.02E-02	3.61E-03	1.31E-06	3.32E-03	7.75E-04	2.42E-04	4.73E-12	1.26E-04	3.30E-07	2.28E-07	3.68E-06	2.28E-06	1.37E-05	2.17E-07	4.96E-06	6.76E-04	6.26E-05	8.06E-04
85	SG_85	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6364.900	2.74E-03	5.78E-03	8.00E-02	4.14E-03	1.49E-06	3.67E-03	8.83E-04	2.76E-04	5.39E-12	1.43E-04	3.76E-07	2.60E-07	4.19E-06	2.60E-06	1.56E-05	2.47E-07	5.65E-06	7.71E-04	7.14E-05	9.19E-04
86	SG_86	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6364.900	3.06E-03	6.44E-03	8.92E-02	4.59E-03	1.66E-06	3.90E-03	9.84E-04	3.07E-04	6.01E-12	1.59E-04	4.19E-07	2.90E-07	4.67E-06	2.90E-06	1.74E-05	2.75E-07	6.30E-06	8.59E-04	7.95E-05	1.02E-03
87	SG_87	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6364.900	3.39E-03	7.14E-03	9.88E-02	5.01E-03	1.84E-06	4.10E-03	1.09E-03	3.40E-04	6.66E-12	1.77E-04	4.65E-07	3.21E-07	5.18E-06	3.21E-06	1.93E-05	3.05E-07	6.98E-06	9.52E-04	8.81E-05	1.13E-03
88	SG_88	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6364.900	3.83E-03	8.08E-03	1.12E-01	5.63E-03	2.08E-06	4.44E-03	1.23E-03	3.85E-04	7.54E-12	2.00E-04	5.26E-07	3.65E-07	5.86E-06	3.64E-06	2.19E-05	3.45E-07	7.90E-06	1.08E-03	9.98E-05	1.28E-03
89	SG_89	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6364.900	5.16E-03	1.09E-02	1.50E-01	7.73E-03	2.80E-06	6.15E-03	1.66E-03	5.19E-04	1.02E-11	2.69E-04	7.09E-07	4.91E-07	7.89E-06	4.90E-06	2.94E-05	4.65E-07	1.06E-05	1.45E-03	1.34E-04	1.73E-03
90	SG_90	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6364.900	5.01E-03	1.06E-02	1.46E-01	7.41E-03	2.72E-06	5.64E-03	1.61E-03	5.03E-04	9.85E-12	2.61E-04	6.88E-07	4.77E-07	7.66E-06	4.76E-06	2.86E-05	4.51E-07	1.03E-05	1.41E-03	1.30E-04	1.68E-03
91	SG_91	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6364.900	4.69E-03	9.87E-03	1.37E-01	6.89E-03	2.54E-06	5.07E-03	1.51E-03	4.71E-04	9.21E-12	2.44E-04	6.44E-07	4.47E-07	7.16E-06	4.45E-06	2.67E-05	4.22E-07	9.65E-06	1.32E-03	1.22E-04	1.57E-03
92	SG_92	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6364.900	4.74E-03	9.98E-03	1.38E-01	7.02E-03	2.57E-06	5.08E-03	1.52E-03	4.76E-04	9.31E-12	2.47E-04	6.51E-07	4.52E-07	7.24E-06	4.50E-06	2.70E-05	4.27E-07	9.75E-06	1.33E-03	1.23E-04	1.59E-03
93	SG_93	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6364.900	4.87E-03	1.02E-02	1.42E-01	7.28E-03	2.64E-06	5.20E-03	1.56E-03	4.88E-04	9.55E-12	2.54E-04	6.68E-07	4.64E-07	7.43E-06	4.62E-06	2.77E-05	4.38E-07	1.00E-05	1.37E-03	1.26E-04	1.63E-03
94	SG_94	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.100	1.74E-03	3.67E-03	5.10E-02	2.75E-03	9.53E-07	2.41E-03	5.61E-04	1.75E-04	3.42E-12	9.10E-05	2.44E-07	1.76E-07	2.66E-06	1.67E-06	9.92E-06	1.58E-07	3.58E-06	4.89E-04	4.52E-05	5.83E-04
95	SG_95	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.100	1.72E-03	3.62E-03	5.04E-02	2.73E-03	9.41E-07	2.43E-03	5.54E-04	1.73E-04	3.38E-12	8.99E-05	2.41E-07	1.74E-07	2.63E-06	1.64E-06	9.80E-06	1.56E-07	3.53E-06	4.83E-04	4.47E-05	5.76E-04
96	SG_96	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.100	1.67E-03	3.52E-03	4.90E-02	2.66E-03	9.14E-07	2.41E-03	5.38E-04	1.68E-04	3.28E-12	8.73E-05	2.34E-07	1.69E-07	2.56E-06	1.60E-06	9.52E-06	1.51E-07	3.43E-06	4.69E-04	4.34E-05	5.59E-04
97	SG_97	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.100	1.56E-03	3.29E-03	4.58E-02	2.48E-03	8.55E-07	2.28E-03	5.03E-04	1.57E-04	3.07E-12	8.16E-05	2.19E-07	1.58E-07	2.39E-06	1.49E-06	8.90E-06	1.41E-07	3.21E-06	4.39E-04	4.06E-05	5.23E-04
98	SG_98	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6365.100	1.58E-03	3.34E-03	4.64E-02	2.52E-03	8.67E-07	2.39E-03	5.10E-04	1.59E-04	3.11E-12	8.28E-05	2.22E-07	1.60E-07	2.42E-06	1.52E-06	9.03E-06	1.43E-07	3.25E-06	4.45E-04	4.12E-05	5.31E-04
99	SG_99	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6365.100	1.67E-03	3.53E-03	4.90E-02	2.70E-03	9.16E-07	2.66E-03	5.39E-04	1.68E-04	3.29E-12	8.74E-05	2.35E-07	1.69E-07	2.56E-06	1.60E-06	9.53E-06	1.51E-07	3.44E-06	4.70E-04	4.35E-05	5.60E-04
100	SG_100	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.100	1.54E-03	3.24E-03	4.50E-02	2.46E-03	8.40E-07	2.45E-03	4.94E-04	1.54E-04	3.02E-12	8.02E-05	2.15E-07	1.55E-07	2.35E-06	1.47E-06	8.75E-06	1.39E-07	3.15E-06	4.31E-04	3.99E-05	5.14E-04
101	SG_101	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.100	1.32E-03	2.77E-03	3.86E-02	2.08E-03	7.20E-07	2.06E-03	4.24E-04	1.32E-04	2.59E-12	6.88E-05	1.84E-07	1.33E-07	2.01E-06	1.26E-06	7.50E-06	1.19E-07	2.70E-06	3.70E-04	3.42E-05	4.41E-04
102	SG_102	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.100	1.24E-03	2.61E-03	3.63E-02	1.94E-03	6.76E-07	1.95E-03	3.98E-04	1.24E-04	2.43E-12	6.46E-05	1.73E-07	1.24E-07	1.89E-06	1.18E-06	7.04E-06	1.12E-07	2.54E-06	3.47E-04	3.21E-05	4.14E-04
103	SG_103	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.100	1.19E-03	2.52E-03	3.51E-02	1.86E-03	6.53E-07	1.91E-03	3.84E-04	1.20E-04	2.35E-12	6.23E-05	1.67E-07	1.20E-07	1.83E-06	1.14E-06	6.80E-06	1.08E-07	2.45E-06	3.35E-04	3.10E-05	4.00E-04
104	SG_104	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.100	1.13E-03	2.38E-03	3.31E-02	1.76E-03	6.16E-07	1.83E-03	3.63E-04	1.13E-04	2.21E-12	5.89E-05	1.57E-07	1.13E-07	1.72E-06	1.08E-06	6.42E-06	1.02E-07	2.32E-06	3.17E-04	2.93E-05	3.77E-04
105	SG_105	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.100	1.05E-03	2.22E-03	3.09E-02	1.64E-03	5.74E-07	1.75E-03	3.38E-04	1.06E-04	2.07E-12	5.49E-05	1.46E-07	1.04E-07	1.61E-06	1.00E-06	5.99E-06	9.50E-08	2.16E-06	2.95E-04	2.73E-05	3.52E-04
106	SG_106	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.100	1.03E-03	2.17E-03	3.02E-02	1.60E-03	5.61E-07	1.75E-03	3.31E-04	1.03E-04	2.02E-12	5.37E-05	1.43E-07	1.01E-07	1.57E-06	9.80E-07	5.86E-06	9.28E-08	2.11E-06	2.89E-04	2.67E-05	3.44E-04
107	SG_107	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.100	1.04E-03	2.19E-03	3.05E-02	1.60E-03	5.65E-07	1.79E-03	3.34E-04	1.04E-04	2.04E-12	5.41E-05	1.44E-07	1.01E-07	1.59E-06	9.88E-07	5.91E-06	9.36E-08	2.13E-06	2.91E-04	2.70E-05	3.47E-04
108	SG_108	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.100	1.06E-03	2.24E-03	3.12E-02	1.63E-03	5.78E-07	1.81E-03	3.42E-04	1.07E-04	2.09E-12	5.54E-05	1.47E-07	1.03E-07	1.62E-06	1.01E-06	6.05E-06	9.58E-08	2.19E-06	2.98E-04	2.76E-05	3.56E-04
109	SG_109	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.100	1.17E-03	2.47E-03	3.43E-02	1.77E-03	6.36E-07	1.94E-03	3.77E-04	1.18E-04	2.30E-12	6.10E-05	1.61E-07	1.13E-07	1.79E-06	1.11E-06	6.67E-06	1.06E-07	2.41E-06	3.29E-04	3.04E-05	3.92E-04
110	SG_110	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.100	1.38E-03	2.92E-03	4.05E-02	2.06E-03	7.52E-07	2.22E-03	4.45E-04	1.39E-04	2.72E-12	7.22E-05	1.91E-07	1.33E-07	2.11E-06	1.31E-06	7.88E-06	1.25E-07	2.85E-06	3.89E-04	3.60E-05	4.63E-04
111	SG_111	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.100	1.71E-03	3.61E-03	5.00E-02	2.52E-03	9.31E-07	2.68E-03	5.51E-04	1.72E-04	3.37E-12	8.93E-05	2.36E-07	1.64E-07	2.62E-06	1.63E-06	9.76E-06	1.54E-07	3.53E-06	4.81E-04	4.45E-05	5.73E-04
112	SG_112	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.100	2.00E-03	4.22E-03	5.84E-02	2.94E-03	1.09E-06	3.06E-03	6.45E-04	2.01E-04	3.94E-12	1.04E-04	2.75E-07	1.91E-07	3.06E-06	1.90E-06	1.14E-05	1.81E-07	4.12E-06	5.63E-04	5.21E-05	6.71E-04
113	SG_113	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.100	2.28E-03	4.79E-03	6.63E-02	3.37E-03	1.23E-06	3.39E-03	7.32E-04	2.29E-04	4.47E-12	1.19E-04	3.12E-07	2.16E-07	3.48E-06	2.16E-06	1.30E-05	2.05E-07	4.68E-06	6.39E-04	5.92E-05	7.62E-04
114	SG_114	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.100	2.48E-03	5.23E-03	7.23E-02	3.69E-03	1.35E-06	3.57E-03	7.99E-04	2.49E-04	4.88E-12	1.29E-04	3.40E-07	2.35E-07	3.79E-06	2.35E-06	1.41E-05	2.23E-07	5.11E-06	6.97E-04	6.45E-05	8.31E-04
115	SG_115	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.100	2.84E-03	5.98E-03	8.26E-02	4.25E-03	1.54E-06	3.94E-03	9.13E-04	2.85E-04	5.58E-12	1.48E-04	3.89E-07	2.68E-07	4.33E-06	2.69E-06	1.62E-05	2.56E-07	5.84E-06	7.97E-04	7.38E-05	9.50E-04
116	SG_116	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.100	3.18E-03	6.71E-03	9.28E-02	4.76E-03	1.73E-06	4.23E-03	1.02E-03	3.20E-04	6.26E-12	1.66E-04	4.36E-07	3.01E-07	4.86E-06	3.02E-06	1.81E-05	2.87E-07	6.56E-06	8.95E-04	8.28E-05	1.07E-03
117	SG_117	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.100	3.59E-03	7.57E-03	1.05E-01	5.31E-03	1.95E-06	4.53E-03	1.16E-03	3.61E-04	7.06E-12	1.87E-04	4.93E-07	3.41E-07	5.49E-06	3.41E-06	2.05E-05	3.24E-07	7.40E-06	1.01E-03	9.34E-05	1.20E-03
118	SG_118	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.100	3.99E-03	8.42E-03	1.16E-01	5.83E-03	2.17E-06	4.79E-03	1.29E-03	4.01E-04	7.85E-12	2.08E-04	5.48E-07	3.80E-07	6.10E-06	3.79E-06	2.28E-05	3.60E-07	8.23E-06	1.12E-03	1.04E-04	1.34E-03
119	SG_119	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.100	4.92E-03	1.04E-02	1.43E-01	7.22E-03	2.67E-06	5.82E-03	1.59E-03	4.95E-04	9.68E-12	2.57E-04	6.76E-07	4.68E-07	7.52E-06	4.67E-06	2.81E-05	4.44E-07	1.01E-05	1.38E-03	1.28E-04	1.65E-03
120	SG_120	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.100	5.03E-03	1.06E-02	1.46E-01	7.34E-03	2.73E-06	5.74E-03	1.62E-03	5.05E-04	9.88E-12	2.62E-04	6.91E-07	4.79E-07	7.68E-06	4.77E-06	2.87E-05	4.53E-07	1.04E-05	1.41E-03	1.31E-04	1.68E-03
121	SG_121	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.100	5.21E-03	1.10E-02	1.52E-01	7.64E-03	2.83E-06	5.86E-03	1.68E-03	5.23E-04	1.02E-11	2.71E-04	7.15E-07	4.96E-07	7.95E-06	4.94E-06	2.97E-05	4.69E-07	1.07E-05	1.46E-03	1.35E-04	1.74E-03
122	SG_122	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.100	5.25E-03	1.11E-02	1.53E-01	7.76E-03	2.85E-06	5.86E-03	1.69E-03	5.27E-04	1.03E-11	2.74E-04	7.21E-07	5.01E-07	8.02E-06	4.98E-06	2.99E-05	4.73E-07	1.08E-05	1.47E-03	1.36E-04	1.76E-03
123	SG_123	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.100	5.60E-03	1.18E-02	1.63E-01	8.38E-03	3.03E-06	6.30E-03	1.80E-03	5.62E-04	1.10E-11	2.92E-04	7.69E-07	5.34E-07	8.54E-06	5.31E-06	3.18E-05	5.04E-07	1.15E-05	1.57E-03	1.45E-04	1.87E-03
124	SG_124	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.100	5.45E-03	1.15E-02	1.59E-01	8.22E-03	2.96E-06	6.06E-03	1.75E-03	5.47E-04	1.07E-11	2.84E-04	7.49E-07	5.20E-07	8.32E-06	5.17E-06	3.10E-05	4.91E-07	1.12E-05	1.53E-03	1.42E-04	1.82E-03
125	SG_125	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.300	1.98E-03	4.17E-03	5.79E-02	3.10E-03	1.08E-06	2.77E-03	6.37E-04	1.99E-04	3.89E-12	1.03E-04	2.77E-07	2.00E-07	3.02E-06	1.89E-06	1.13E-05	1.79E-07	4.06E-06	5.56E-04	5.14E-05	6.62E-04
126	SG_126	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.300	1.95E-03	4.11E-03	5.71E-02	3.06E-03	1.07E-06	2.78E-03	6.28E-04	1.96E-04	3.83E-12	1.02E-04	2.74E-07	1.97E-07	2.98E-06	1.86E-06	1.11E-05	1.76E-07	4.01E-06	5.48E-04	5.07E-05	6.53E-04
127	SG_127	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.300	1.90E-03	4.00E-03	5.55E-02	2.98E-03	1.04E-06	2.76E-03	6.10E-04	1.90E-04	3.73E-12	9.91E-05	2.66E-07	1.92E-07	2.90E-06	1.81E-06	1.08E-05	1.71E-07	3.89E-06	5.33E-04	4.93E-05	6.35E-04
128	SG_128	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.300	1.86E-03	3.91E-03	5.43E-02	2.93E-03	1.02E-06	2.78E-03	5.98E-04	1.86E-04	3.65E-12	9.70E-05	2.61E-07	1.88E-07	2.84E-06	1.78E-06	1.06E-05	1.68E-07	3.81E-06	5.22E-04	4.82E-05	6.22E-04
129	SG_129	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.300	1.87E-03	3.95E-03	5.48E-02	2.98E-03	1.03E-06	2.90E-03	6.04E-04	1.88E-04	3.68E-12	9.80E-05	2.63E-07	1.90E-07	2.87E-06	1.79E-06	1.07E-05	1.70E-07	3.85E-06	5.27E-04	4.87E-05	6.28E-04
130	SG_130	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.300	1.85E-03	3.90E-03	5.41E-02	2.94E-03	1.01E-06	2.94E-03	5.95E-04	1.86E-04	3.63E-12	9.66E-05	2.59E-07	1.87E-07	2.83E-06	1.77E-06	1.05E-05	1.67E-07	3.80E-06	5.19E-04	4.80E-05	6.19E-04
131	SG_131	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.300	1.69E-03	3.57E-03	4.95E-02	2.68E-03	9.26E-07	2.71E-03	5.45E-04	1.70E-04	3.33E-12	8.84E-05	2.37E-07	1.71E-07	2.59E-06	1.62E-06	9.64E-06	1.53E-07	3.48E-06	4.76E-04	4.40E-05	5.67E-04
132	SG_132	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.300	1.55E-03	3.27E-03	4.54E-02	2.45E-03	8.48E-07	2.50E-03	4.99E-04	1.56E-04	3.04E-12	8.10E-05	2.17E-07	1.56E-07	2.37E-06	1.48E-06	8.83E-06	1.40E-07	3.18E-06	4.35E-04	4.03E-05	5.19E-04
133	SG_133	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.300	1.37E-03	2.89E-03	4.02E-02	2.15E-03	7.50E-07	2.21E-03	4.41E-04	1.38E-04	2.69E-12	7.16E-05	1.92E-07	1.38E-07	2.10E-06	1.31E-06	7.81E-06	1.24E-07	2.81E-06	3.85E-04	3.56E-05	4.59E-04
134	SG_134	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.300	1.35E-03	2.84E-03	3.95E-02	2.10E-03	7.37E-07	2.21E-03	4.34E-04	1.35E-04	2.65E-12	7.04E-05	1.89E-07	1.35E-07	2.06E-06	1.29E-06	7.68E-06	1.22E-07	2.77E-06	3.79E-04	3.50E-05	4.51E-04
135	SG_135	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.300	1.27E-03	2.68E-03	3.73E-02	1.98E-03	6.96E-07	2.12E-03	4.10E-04	1.28E-04	2.50E-12	6.65E-05	1.78E-07	1.27E-07	1.95E-06	1.22E-06	7.25E-06	1.15E-07	2.61E-06	3.58E-04	3.31E-05	4.26E-04
136	SG_136	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.300	1.17E-03	2.46E-03	3.43E-02	1.82E-03	6.38E-07	1.98E-03	3.76E-04	1.17E-04	2.30E-12	6.10E-05	1.63E-07	1.16E-07	1.79E-06	1.11E-06	6.66E-06	1.06E-07	2.40E-06	3.28E-04	3.04E-05	3.91E-04
137	SG_137	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.300	1.16E-03	2.44E-03	3.40E-02	1.80E-03	6.32E-07	2.03E-03	3.73E-04	1.16E-04	2.28E-12	6.05E-05	1.61E-07	1.14E-07	1.77E-06	1.11E-06	6.61E-06	1.05E-07	2.38E-06	3.26E-04	3.01E-05	3.88E-04
138	SG_138	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.300	1.15E-03	2.43E-03	3.37E-02	1.77E-03	6.27E-07	2.04E-03	3.71E-04	1.16E-04	2.26E-12	6.01E-05	1.60E-07	1.12E-07	1.76E-06	1.10E-06	6.56E-06	1.04E-07	2.37E-06	3.23E-04	2.99E-05	3.85E-04
139	SG_139	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.300	1.17E-03	2.47E-03	3.43E-02	1.78E-03	6.36E-07	2.04E-03	3.77E-04	1.17E-04	2.30E-12	6.10E-05	1.62E-07	1.13E-07	1.79E-06	1.11E-06	6.66E-06	1.06E-07	2.41E-06	3.29E-04	3.04E-05	3.92E-04
140	SG_140	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.300	1.34E-03	2.83E-03	3.92E-02	2.01E-03	7.29E-07	2.27E-03	4.32E-04	1.35E-04	2.64E-12	7.00E-05	1.85E-07	1.29E-07	2.05E-06	1.28E-06	7.64E-06	1.21E-07	2.76E-06	3.77E-04	3.49E-05	4.49E-04
141	SG_141	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.300	1.57E-03	3.32E-03	4.59E-02	2.32E-03	8.55E-07	2.57E-03	5.07E-04	1.58E-04	3.09E-12	8.21E-05	2.17E-07	1.51E-07	2.40E-06	1.50E-06	8.97E-06	1.42E-07	3.24E-06	4.42E-04	4.09E-05	5.27E-04
142	SG_142	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.300	1.95E-03	4.10E-03	5.67E-02	2.85E-03	1.06E-06	3.10E-03	6.27E-04	1.96E-04	3.83E-12	1.02E-04	2.68E-07	1.87E-07	2.98E-06	1.85E-06	1.11E-05	1.76E-07	4.01E-06	5.47E-04	5.07E-05	6.52E-04
143	SG_143	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.300	2.32E-03	4.88E-03	6.75E-02	3.40E-03	1.26E-06	3.59E-03	7.46E-04	2.33E-04	4.56E-12	1.21E-04	3.19E-07	2.21E-07	3.54E-06	2.20E-06	1.32E-05	2.09E-07	4.77E-06	6.51E-04	6.03E-05	7.76E-04
144	SG_144	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.300	2.67E-03	5.63E-03	7.77E-02	3.96E-03	1.45E-06	4.04E-03	8.60E-04	2.68E-04	5.25E-12	1.39E-04	3.67E-07	2.54E-07	4.08E-06	2.54E-06	1.52E-05	2.41E-07	5.50E-06	7.51E-04	6.95E-05	8.95E-04
145	SG_145	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.300	2.93E-03	6.16E-03	8.51E-02	4.35E-03	1.59E-06	4.24E-03	9.42E-04	2.94E-04	5.75E-12	1.53E-04	4.01E-07	2.77E-07	4.47E-06	2.78E-06	1.67E-05	2.63E-07	6.03E-06	8.22E-04	7.61E-05	9.80E-04
146	SG_146	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.300	3.36E-03	7.07E-03	9.77E-02	5.00E-03	1.82E-06	4.67E-03	1.08E-03	3.37E-04	6.60E-12	1.75E-04	4.60E-07	3.18E-07	5.13E-06	3.18E-06	1.91E-05	3.02E-07	6.91E-06	9.43E-04	8.73E-05	1.12E-03
147	SG_147	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.300	3.88E-03	8.17E-03	1.13E-01	5.74E-03	2.10E-06	5.13E-03	1.25E-03	3.90E-04	7.62E-12	2.02E-04	5.32E-07	3.67E-07	5.92E-06	3.68E-06	2.21E-05	3.49E-07	7.99E-06	1.09E-03	1.01E-04	1.30E-03
148	SG_148	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.300	4.84E-03	1.02E-02	1.41E-01	7.14E-03	2.63E-06	6.22E-03	1.56E-03	4.86E-04	9.51E-12	2.52E-04	6.64E-07	4.59E-07	7.39E-06	4.59E-06	2.76E-05	4.36E-07	9.97E-06	1.36E-03	1.26E-04	1.62E-03
149	SG_149	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.300	4.89E-03	1.03E-02	1.42E-01	7.08E-03	2.65E-06	5.88E-03	1.57E-03	4.91E-04	9.60E-12	2.55E-04	6.71E-07	4.65E-07	7.46E-06	4.64E-06	2.78E-05	4.40E-07	1.01E-05	1.37E-03	1.27E-04	1.64E-03
150	SG_150	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.300	5.63E-03	1.19E-02	1.64E-01	8.20E-03	3.06E-06	6.70E-03	1.81E-03	5.66E-04	1.11E-11	2.94E-04	7.74E-07	5.37E-07	8.61E-06	5.35E-06	3.21E-05	5.08E-07	1.16E-05	1.58E-03	1.47E-04	1.89E-03
151	SG_151	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.300	5.52E-03	1.16E-02	1.61E-01	8.04E-03	2.99E-06	6.40E-03	1.77E-03	5.54E-04	1.08E-11	2.88E-04	7.58E-07	5.26E-07	8.42E-06	5.23E-06	3.14E-05	4.97E-07	1.14E-05	1.55E-03	1.43E-04	1.85E-03
152	SG_152	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.300	5.64E-03	1.19E-02	1.64E-01	8.29E-03	3.06E-06	6.51E-03	1.81E-03	5.66E-04	1.11E-11	2.94E-04	7.74E-07	5.38E-07	8.60E-06	5.35E-06	3.21E-05	5.07E-07	1.16E-05	1.58E-03	1.46E-04	1.89E-03
153	SG_153	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.300	5.64E-03	1.19E-02	1.64E-01	8.37E-03	3.06E-06	6.48E-03	1.81E-03	5.66E-04	1.11E-11	2.94E-04	7.74E-07	5.38E-07	8.60E-06	5.35E-06	3.21E-05	5.07E-07	1.16E-05	1.58E-03	1.46E-04	1.89E-03
154	SG_154	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.300	5.62E-03	1.18E-02	1.63E-01	8.41E-03	3.05E-06	6.42E-03	1.81E-03	5.63E-04	1.10E-11	2.93E-04	7.71E-07	5.36E-07	8.57E-06	5.33E-06	3.20E-05	5.05E-07	1.15E-05	1.58E-03	1.46E-04	1.88E-03
155	SG_155	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.300	5.51E-03	1.16E-02	1.60E-01	8.32E-03	2.99E-06	6.26E-03	1.77E-03	5.53E-04	1.08E-11	2.87E-04	7.57E-07	5.26E-07	8.41E-06	5.23E-06	3.14E-05	4.96E-07	1.13E-05	1.55E-03	1.43E-04	1.84E-03
156	SG_156	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.500	2.16E-03	4.54E-03	6.30E-02	3.35E-03	1.18E-06	3.06E-03	6.94E-04	2.17E-04	4.24E-12	1.13E-04	3.02E-07	2.18E-07	3.30E-06	2.06E-06	1.23E-05	1.95E-07	4.43E-06	6.06E-04	5.60E-05	7.22E-04
157	SG_157	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.500	2.17E-03	4.58E-03	6.35E-02	3.37E-03	1.19E-06	3.12E-03	7.00E-04	2.18E-04	4.27E-12	1.14E-04	3.05E-07	2.20E-07	3.32E-06	2.08E-06	1.24E-05	1.97E-07	4.46E-06	6.11E-04	5.65E-05	7.28E-04
158	SG_158	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.500	2.26E-03	4.77E-03	6.61E-02	3.53E-03	1.24E-06	3.36E-03	7.28E-04	2.27E-04	4.44E-12	1.18E-04	3.17E-07	2.29E-07	3.46E-06	2.16E-06	1.29E-05	2.05E-07	4.64E-06	6.35E-04	5.88E-05	7.57E-04
159	SG_159	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.500	2.21E-03	4.66E-03	6.46E-02	3.46E-03	1.21E-06	3.37E-03	7.13E-04	2.22E-04	4.35E-12	1.16E-04	3.10E-07	2.24E-07	3.38E-06	2.12E-06	1.26E-05	2.00E-07	4.55E-06	6.22E-04	5.75E-05	7.41E-04
160	SG_160	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.500	2.20E-03	4.64E-03	6.44E-02	3.48E-03	1.21E-06	3.47E-03	7.10E-04	2.21E-04	4.33E-12	1.15E-04	3.09E-07	2.23E-07	3.37E-06	2.11E-06	1.26E-05	1.99E-07	4.53E-06	6.19E-04	5.73E-05	7.38E-04
161	SG_161	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.500	2.09E-03	4.40E-03	6.10E-02	3.29E-03	1.14E-06	3.35E-03	6.72E-04	2.10E-04	4.10E-12	1.09E-04	2.93E-07	2.11E-07	3.19E-06	2.00E-06	1.19E-05	1.89E-07	4.29E-06	5.86E-04	5.42E-05	6.99E-04
162	SG_162	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.500	1.99E-03	4.19E-03	5.81E-02	3.13E-03	1.09E-06	3.26E-03	6.40E-04	2.00E-04	3.91E-12	1.04E-04	2.79E-07	2.01E-07	3.04E-06	1.90E-06	1.13E-05	1.80E-07	4.08E-06	5.59E-04	5.17E-05	6.66E-04
163	SG_163	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.500	1.83E-03	3.86E-03	5.35E-02	2.88E-03	1.00E-06	3.04E-03	5.90E-04	1.84E-04	3.60E-12	9.57E-05	2.57E-07	1.85E-07	2.80E-06	1.75E-06	1.04E-05	1.66E-07	3.76E-06	5.14E-04	4.76E-05	6.13E-04
164	SG_164	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.500	1.63E-03	3.43E-03	4.76E-02	2.54E-03	8.89E-07	2.70E-03	5.23E-04	1.63E-04	3.20E-12	8.49E-05	2.28E-07	1.64E-07	2.49E-06	1.55E-06	9.26E-06	1.47E-07	3.34E-06	4.57E-04	4.22E-05	5.44E-04
165	SG_165	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.500	1.53E-03	3.23E-03	4.49E-02	2.39E-03	8.39E-07	2.58E-03	4.94E-04	1.54E-04	3.01E-12	8.01E-05	2.15E-07	1.54E-07	2.35E-06	1.47E-06	8.74E-06	1.39E-07	3.15E-06	4.31E-04	3.98E-05	5.13E-04
166	SG_166	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.500	1.46E-03	3.08E-03	4.28E-02	2.26E-03	7.99E-07	2.50E-03	4.70E-04	1.47E-04	2.87E-12	7.63E-05	2.04E-07	1.46E-07	2.23E-06	1.40E-06	8.33E-06	1.32E-07	3.00E-06	4.11E-04	3.80E-05	4.89E-04

AQIA DATA - SCENARIO 1 GRID MAX

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.124**	**0.260**	**3.550**	**0.199**	**6.74E-05**	**0.358**	**0.040**	**0.012**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**0.035**	**0.003**	**0.041**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
167	SG_167	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.500	1.35E-03	2.85E-03	3.96E-02	2.09E-03	7.39E-07	2.35E-03	4.36E-04	1.36E-04	2.66E-12	7.07E-05	1.89E-07	1.35E-07	2.07E-06	1.29E-06	7.71E-06	1.22E-07	2.78E-06	3.80E-04	3.52E-05	4.53E-04
168	SG_168	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.500	1.31E-03	2.77E-03	3.84E-02	2.03E-03	7.16E-07	2.35E-03	4.23E-04	1.32E-04	2.58E-12	6.86E-05	1.83E-07	1.30E-07	2.01E-06	1.25E-06	7.48E-06	1.19E-07	2.70E-06	3.69E-04	3.41E-05	4.40E-04
169	SG_169	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.500	1.28E-03	2.69E-03	3.73E-02	1.96E-03	6.95E-07	2.31E-03	4.11E-04	1.28E-04	2.51E-12	6.66E-05	1.77E-07	1.25E-07	1.95E-06	1.21E-06	7.27E-06	1.15E-07	2.62E-06	3.58E-04	3.32E-05	4.27E-04
170	SG_170	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.500	1.33E-03	2.79E-03	3.87E-02	2.01E-03	7.21E-07	2.37E-03	4.26E-04	1.33E-04	2.60E-12	6.91E-05	1.83E-07	1.28E-07	2.02E-06	1.26E-06	7.55E-06	1.19E-07	2.73E-06	3.72E-04	3.44E-05	4.43E-04
171	SG_171	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.500	1.53E-03	3.22E-03	4.46E-02	2.27E-03	8.30E-07	2.64E-03	4.92E-04	1.53E-04	3.00E-12	7.97E-05	2.11E-07	1.47E-07	2.33E-06	1.45E-06	8.70E-06	1.38E-07	3.14E-06	4.29E-04	3.97E-05	5.11E-04
172	SG_172	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.500	1.84E-03	3.87E-03	5.35E-02	2.69E-03	9.98E-07	3.05E-03	5.91E-04	1.84E-04	3.61E-12	9.58E-05	2.53E-07	1.76E-07	2.81E-06	1.74E-06	1.05E-05	1.65E-07	3.78E-06	5.16E-04	4.77E-05	6.15E-04
173	SG_173	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.500	2.26E-03	4.75E-03	6.56E-02	3.28E-03	1.22E-06	3.65E-03	7.25E-04	2.26E-04	4.43E-12	1.18E-04	3.10E-07	2.16E-07	3.44E-06	2.14E-06	1.28E-05	2.03E-07	4.64E-06	6.33E-04	5.86E-05	7.55E-04
174	SG_174	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.500	2.65E-03	5.58E-03	7.69E-02	3.87E-03	1.44E-06	4.16E-03	8.52E-04	2.66E-04	5.20E-12	1.38E-04	3.64E-07	2.52E-07	4.04E-06	2.51E-06	1.51E-05	2.38E-07	5.45E-06	7.44E-04	6.88E-05	8.86E-04
175	SG_175	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.500	3.05E-03	6.42E-03	8.86E-02	4.50E-03	1.65E-06	4.63E-03	9.81E-04	3.06E-04	5.99E-12	1.59E-04	4.18E-07	2.89E-07	4.66E-06	2.89E-06	1.74E-05	2.74E-07	6.28E-06	8.56E-04	7.93E-05	1.02E-03
176	SG_176	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.500	3.39E-03	7.14E-03	9.86E-02	5.00E-03	1.84E-06	4.91E-03	1.09E-03	3.41E-04	6.66E-12	1.77E-04	4.65E-07	3.21E-07	5.18E-06	3.22E-06	1.93E-05	3.05E-07	6.98E-06	9.53E-04	8.82E-05	1.14E-03
177	SG_177	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.500	4.07E-03	8.57E-03	1.18E-01	5.99E-03	2.21E-06	5.63E-03	1.31E-03	4.09E-04	7.99E-12	2.12E-04	5.58E-07	3.85E-07	6.21E-06	3.86E-06	2.32E-05	3.66E-07	8.38E-06	1.14E-03	1.06E-04	1.36E-03
178	SG_178	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.500	5.31E-03	1.12E-02	1.54E-01	7.84E-03	2.88E-06	7.16E-03	1.71E-03	5.34E-04	1.04E-11	2.77E-04	7.29E-07	5.04E-07	8.11E-06	5.04E-06	3.03E-05	4.78E-07	1.09E-05	1.49E-03	1.38E-04	1.78E-03
179	SG_179	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.500	6.35E-03	1.34E-02	1.84E-01	9.33E-03	3.44E-06	8.29E-03	2.04E-03	6.38E-04	1.25E-11	3.31E-04	8.71E-07	6.03E-07	9.69E-06	6.02E-06	3.62E-05	5.72E-07	1.31E-05	1.78E-03	1.65E-04	2.12E-03
180	SG_180	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.500	6.02E-03	1.27E-02	1.75E-01	8.70E-03	3.26E-06	7.38E-03	1.94E-03	6.04E-04	1.18E-11	3.14E-04	8.26E-07	5.73E-07	9.19E-06	5.71E-06	3.43E-05	5.42E-07	1.24E-05	1.69E-03	1.56E-04	2.01E-03
181	SG_181	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.500	6.44E-03	1.35E-02	1.87E-01	9.37E-03	3.49E-06	7.83E-03	2.07E-03	6.46E-04	1.26E-11	3.35E-04	8.84E-07	6.13E-07	9.83E-06	6.11E-06	3.66E-05	5.79E-07	1.32E-05	1.81E-03	1.67E-04	2.15E-03
182	SG_182	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.500	6.23E-03	1.31E-02	1.81E-01	9.12E-03	3.38E-06	7.48E-03	2.00E-03	6.25E-04	1.22E-11	3.24E-04	8.55E-07	5.94E-07	9.50E-06	5.91E-06	3.54E-05	5.61E-07	1.28E-05	1.75E-03	1.62E-04	2.08E-03
183	SG_183	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.500	6.39E-03	1.34E-02	1.86E-01	9.47E-03	3.46E-06	7.68E-03	2.05E-03	6.41E-04	1.25E-11	3.33E-04	8.77E-07	6.10E-07	9.75E-06	6.06E-06	3.64E-05	5.75E-07	1.31E-05	1.79E-03	1.66E-04	2.14E-03
184	SG_184	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.500	6.30E-03	1.32E-02	1.83E-01	9.42E-03	3.41E-06	7.53E-03	2.02E-03	6.32E-04	1.24E-11	3.28E-04	8.65E-07	6.01E-07	9.61E-06	5.97E-06	3.58E-05	5.67E-07	1.29E-05	1.77E-03	1.64E-04	2.11E-03
185	SG_185	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.500	6.08E-03	1.28E-02	1.77E-01	9.16E-03	3.30E-06	7.21E-03	1.95E-03	6.10E-04	1.19E-11	3.17E-04	8.35E-07	5.80E-07	9.27E-06	5.76E-06	3.46E-05	5.47E-07	1.25E-05	1.71E-03	1.58E-04	2.03E-03
186	SG_186	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.500	5.89E-03	1.24E-02	1.71E-01	8.93E-03	3.20E-06	6.94E-03	1.89E-03	5.91E-04	1.16E-11	3.07E-04	8.09E-07	5.63E-07	8.99E-06	5.59E-06	3.35E-05	5.30E-07	1.21E-05	1.65E-03	1.53E-04	1.97E-03
187	SG_187	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.700	2.37E-03	5.00E-03	6.92E-02	3.70E-03	1.30E-06	3.46E-03	7.63E-04	2.38E-04	4.66E-12	1.24E-04	3.32E-07	2.39E-07	3.63E-06	2.27E-06	1.35E-05	2.14E-07	4.87E-06	6.66E-04	6.16E-05	7.94E-04
188	SG_188	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.700	2.51E-03	5.29E-03	7.32E-02	3.90E-03	1.37E-06	3.72E-03	8.08E-04	2.52E-04	4.93E-12	1.31E-04	3.52E-07	2.53E-07	3.84E-06	2.40E-06	1.43E-05	2.27E-07	5.15E-06	7.05E-04	6.52E-05	8.40E-04
189	SG_189	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.700	2.61E-03	5.49E-03	7.60E-02	4.05E-03	1.43E-06	3.94E-03	8.39E-04	2.62E-04	5.12E-12	1.36E-04	3.65E-07	2.63E-07	3.99E-06	2.49E-06	1.48E-05	2.36E-07	5.35E-06	7.32E-04	6.77E-05	8.72E-04
190	SG_190	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6365.700	2.68E-03	5.64E-03	7.80E-02	4.17E-03	1.46E-06	4.17E-03	8.61E-04	2.69E-04	5.26E-12	1.40E-04	3.75E-07	2.70E-07	4.09E-06	2.56E-06	1.52E-05	2.42E-07	5.49E-06	7.52E-04	6.95E-05	8.96E-04
191	SG_191	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.700	2.66E-03	5.61E-03	7.77E-02	4.17E-03	1.46E-06	4.28E-03	8.58E-04	2.68E-04	5.24E-12	1.39E-04	3.74E-07	2.69E-07	4.07E-06	2.55E-06	1.52E-05	2.41E-07	5.47E-06	7.49E-04	6.92E-05	8.92E-04
192	SG_192	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.700	2.48E-03	5.23E-03	7.23E-02	3.87E-03	1.36E-06	4.05E-03	7.99E-04	2.49E-04	4.88E-12	1.30E-04	3.48E-07	2.51E-07	3.79E-06	2.37E-06	1.41E-05	2.24E-07	5.10E-06	6.97E-04	6.45E-05	8.31E-04
193	SG_193	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.700	2.31E-03	4.87E-03	6.74E-02	3.60E-03	1.26E-06	3.83E-03	7.44E-04	2.32E-04	4.54E-12	1.21E-04	3.24E-07	2.33E-07	3.53E-06	2.21E-06	1.32E-05	2.09E-07	4.74E-06	6.49E-04	6.00E-05	7.74E-04
194	SG_194	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.700	2.17E-03	4.57E-03	6.33E-02	3.38E-03	1.19E-06	3.67E-03	6.98E-04	2.18E-04	4.26E-12	1.13E-04	3.04E-07	2.19E-07	3.32E-06	2.07E-06	1.24E-05	1.96E-07	4.46E-06	6.09E-04	5.64E-05	7.26E-04
195	SG_195	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.700	2.01E-03	4.23E-03	5.86E-02	3.13E-03	1.10E-06	3.46E-03	6.46E-04	2.02E-04	3.94E-12	1.05E-04	2.81E-07	2.02E-07	3.07E-06	1.92E-06	1.14E-05	1.82E-07	4.12E-06	5.64E-04	5.22E-05	6.72E-04
196	SG_196	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.700	1.84E-03	3.87E-03	5.36E-02	2.85E-03	1.00E-06	3.20E-03	5.91E-04	1.84E-04	3.61E-12	9.60E-05	2.57E-07	1.85E-07	2.81E-06	1.76E-06	1.05E-05	1.66E-07	3.77E-06	5.16E-04	4.77E-05	6.15E-04
197	SG_197	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.700	1.70E-03	3.59E-03	4.97E-02	2.62E-03	9.30E-07	2.99E-03	5.48E-04	1.71E-04	3.34E-12	8.89E-05	2.38E-07	1.71E-07	2.60E-06	1.63E-06	9.70E-06	1.54E-07	3.50E-06	4.78E-04	4.42E-05	5.70E-04
198	SG_198	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.700	1.60E-03	3.37E-03	4.67E-02	2.45E-03	8.73E-07	2.85E-03	5.15E-04	1.61E-04	3.14E-12	8.35E-05	2.23E-07	1.60E-07	2.44E-06	1.53E-06	9.11E-06	1.44E-07	3.28E-06	4.49E-04	4.15E-05	5.35E-04
199	SG_199	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.700	1.54E-03	3.24E-03	4.48E-02	2.36E-03	8.37E-07	2.82E-03	4.94E-04	1.54E-04	3.02E-12	8.01E-05	2.14E-07	1.52E-07	2.35E-06	1.46E-06	8.75E-06	1.39E-07	3.16E-06	4.31E-04	3.99E-05	5.14E-04
200	SG_200	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.700	1.47E-03	3.09E-03	4.28E-02	2.24E-03	7.99E-07	2.73E-03	4.72E-04	1.47E-04	2.88E-12	7.66E-05	2.03E-07	1.44E-07	2.24E-06	1.40E-06	8.36E-06	1.32E-07	3.02E-06	4.12E-04	3.81E-05	4.91E-04
201	SG_201	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.700	1.51E-03	3.18E-03	4.40E-02	2.27E-03	8.20E-07	2.76E-03	4.85E-04	1.51E-04	2.96E-12	7.86E-05	2.08E-07	1.46E-07	2.30E-06	1.43E-06	8.59E-06	1.36E-07	3.10E-06	4.23E-04	3.92E-05	5.04E-04
202	SG_202	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.700	1.79E-03	3.77E-03	5.21E-02	2.64E-03	9.72E-07	3.15E-03	5.75E-04	1.80E-04	3.51E-12	9.33E-05	2.47E-07	1.72E-07	2.73E-06	1.70E-06	1.02E-05	1.61E-07	3.68E-06	5.02E-04	4.65E-05	5.98E-04
203	SG_203	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.700	2.20E-03	4.63E-03	6.38E-02	3.20E-03	1.19E-06	3.73E-03	7.07E-04	2.21E-04	4.31E-12	1.15E-04	3.02E-07	2.11E-07	3.35E-06	2.09E-06	1.25E-05	1.98E-07	4.52E-06	6.17E-04	5.71E-05	7.35E-04
204	SG_204	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.700	2.67E-03	5.61E-03	7.74E-02	3.87E-03	1.45E-06	4.39E-03	8.57E-04	2.68E-04	5.24E-12	1.39E-04	3.66E-07	2.55E-07	4.07E-06	2.53E-06	1.52E-05	2.40E-07	5.48E-06	7.48E-04	6.93E-05	8.92E-04
205	SG_205	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.700	3.12E-03	6.56E-03	9.04E-02	4.55E-03	1.69E-06	4.97E-03	1.00E-03	3.13E-04	6.12E-12	1.62E-04	4.28E-07	2.96E-07	4.76E-06	2.96E-06	1.78E-05	2.81E-07	6.42E-06	8.75E-04	8.10E-05	1.04E-03
206	SG_206	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.700	3.75E-03	7.89E-03	1.09E-01	5.52E-03	2.03E-06	5.75E-03	1.21E-03	3.76E-04	7.36E-12	1.95E-04	5.13E-07	3.55E-07	5.72E-06	3.55E-06	2.13E-05	3.37E-07	7.71E-06	1.05E-03	9.74E-05	1.25E-03
207	SG_207	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.700	4.38E-03	9.22E-03	1.27E-01	6.44E-03	2.37E-06	6.38E-03	1.41E-03	4.40E-04	8.61E-12	2.28E-04	6.00E-07	4.15E-07	6.69E-06	4.15E-06	2.50E-05	3.94E-07	9.02E-06	1.23E-03	1.14E-04	1.47E-03
208	SG_208	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.700	5.41E-03	1.14E-02	1.57E-01	7.90E-03	2.93E-06	7.51E-03	1.74E-03	5.43E-04	1.06E-11	2.82E-04	7.41E-07	5.13E-07	8.25E-06	5.13E-06	3.08E-05	4.87E-07	1.11E-05	1.52E-03	1.41E-04	1.81E-03
209	SG_209	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.700	7.00E-03	1.47E-02	2.03E-01	1.03E-02	3.80E-06	9.53E-03	2.25E-03	7.03E-04	1.37E-11	3.65E-04	9.60E-07	6.65E-07	1.07E-05	6.64E-06	3.99E-05	6.30E-07	1.44E-05	1.97E-03	1.82E-04	2.34E-03
210	SG_210	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.700	6.85E-03	1.44E-02	1.99E-01	9.88E-03	3.72E-06	8.78E-03	2.20E-03	6.88E-04	1.35E-11	3.57E-04	9.41E-07	6.53E-07	1.05E-05	6.50E-06	3.90E-05	6.17E-07	1.41E-05	1.92E-03	1.78E-04	2.29E-03
211	SG_211	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.700	7.23E-03	1.52E-02	2.10E-01	1.05E-02	3.92E-06	9.15E-03	2.32E-03	7.25E-04	1.42E-11	3.77E-04	9.92E-07	6.89E-07	1.10E-05	6.85E-06	4.11E-05	6.51E-07	1.49E-05	2.03E-03	1.88E-04	2.42E-03
212	SG_212	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.700	7.18E-03	1.51E-02	2.08E-01	1.05E-02	3.90E-06	9.03E-03	2.31E-03	7.21E-04	1.41E-11	3.74E-04	9.86E-07	6.85E-07	1.10E-05	6.81E-06	4.09E-05	6.46E-07	1.48E-05	2.02E-03	1.87E-04	2.40E-03
213	SG_213	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.700	7.09E-03	1.49E-02	2.06E-01	1.05E-02	3.84E-06	8.88E-03	2.28E-03	7.11E-04	1.39E-11	3.69E-04	9.73E-07	6.76E-07	1.08E-05	6.72E-06	4.03E-05	6.38E-07	1.46E-05	1.99E-03	1.84E-04	2.37E-03
214	SG_214	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.700	7.16E-03	1.50E-02	2.08E-01	1.07E-02	3.88E-06	8.97E-03	2.30E-03	7.18E-04	1.40E-11	3.73E-04	9.83E-07	6.83E-07	1.09E-05	6.79E-06	4.07E-05	6.44E-07	1.47E-05	2.01E-03	1.86E-04	2.39E-03
215	SG_215	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.700	6.95E-03	1.46E-02	2.02E-01	1.05E-02	3.77E-06	8.66E-03	2.23E-03	6.97E-04	1.36E-11	3.62E-04	9.55E-07	6.64E-07	1.06E-05	6.59E-06	3.96E-05	6.25E-07	1.43E-05	1.95E-03	1.80E-04	2.32E-03
216	SG_216	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.700	6.69E-03	1.41E-02	1.94E-01	1.01E-02	3.63E-06	8.26E-03	2.15E-03	6.71E-04	1.31E-11	3.48E-04	9.18E-07	6.38E-07	1.02E-05	6.34E-06	3.81E-05	6.02E-07	1.37E-05	1.88E-03	1.74E-04	2.24E-03
217	SG_217	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.700	6.41E-03	1.35E-02	1.86E-01	9.74E-03	3.47E-06	7.83E-03	2.06E-03	6.43E-04	1.26E-11	3.34E-04	8.80E-07	6.11E-07	9.77E-06	6.07E-06	3.65E-05	5.76E-07	1.32E-05	1.80E-03	1.66E-04	2.14E-03
218	SG_218	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6365.900	2.50E-03	5.27E-03	7.30E-02	3.95E-03	1.37E-06	3.77E-03	8.05E-04	2.51E-04	4.92E-12	1.31E-04	3.50E-07	2.52E-07	3.83E-06	2.39E-06	1.43E-05	2.26E-07	5.14E-06	7.03E-04	6.50E-05	8.38E-04
219	SG_219	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6365.900	2.66E-03	5.60E-03	7.75E-02	4.14E-03	1.45E-06	4.02E-03	8.55E-04	2.67E-04	5.22E-12	1.39E-04	3.72E-07	2.68E-07	4.06E-06	2.54E-06	1.51E-05	2.40E-07	5.46E-06	7.46E-04	6.90E-05	8.89E-04
220	SG_220	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6365.900	2.85E-03	6.02E-03	8.32E-02	4.42E-03	1.56E-06	4.40E-03	9.19E-04	2.87E-04	5.61E-12	1.49E-04	4.00E-07	2.88E-07	4.37E-06	2.73E-06	1.63E-05	2.58E-07	5.86E-06	8.02E-04	7.42E-05	9.56E-04
221	SG_221	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.900	2.99E-03	6.31E-03	8.72E-02	4.62E-03	1.64E-06	4.70E-03	9.64E-04	3.01E-04	5.89E-12	1.56E-04	4.20E-07	3.02E-07	4.58E-06	2.86E-06	1.71E-05	2.71E-07	6.15E-06	8.42E-04	7.78E-05	1.00E-03
222	SG_222	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.900	3.19E-03	6.73E-03	9.29E-02	4.97E-03	1.75E-06	5.21E-03	1.03E-03	3.21E-04	6.28E-12	1.67E-04	4.48E-07	3.23E-07	4.88E-06	3.05E-06	1.82E-05	2.89E-07	6.56E-06	8.97E-04	8.30E-05	1.07E-03
223	SG_223	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.900	2.95E-03	6.22E-03	8.60E-02	4.55E-03	1.62E-06	4.86E-03	9.51E-04	2.97E-04	5.80E-12	1.54E-04	4.14E-07	2.98E-07	4.52E-06	2.82E-06	1.68E-05	2.67E-07	6.07E-06	8.30E-04	7.67E-05	9.89E-04
224	SG_224	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.900	2.89E-03	6.09E-03	8.42E-02	4.49E-03	1.58E-06	4.92E-03	9.31E-04	2.90E-04	5.68E-12	1.51E-04	4.06E-07	2.92E-07	4.42E-06	2.77E-06	1.65E-05	2.62E-07	5.94E-06	8.13E-04	7.52E-05	9.68E-04
225	SG_225	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.900	2.68E-03	5.64E-03	7.79E-02	4.15E-03	1.46E-06	4.63E-03	8.61E-04	2.69E-04	5.26E-12	1.40E-04	3.75E-07	2.70E-07	4.09E-06	2.56E-06	1.52E-05	2.42E-07	5.50E-06	7.52E-04	6.95E-05	8.96E-04
226	SG_226	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.900	2.48E-03	5.22E-03	7.21E-02	3.84E-03	1.36E-06	4.37E-03	7.98E-04	2.49E-04	4.87E-12	1.29E-04	3.47E-07	2.50E-07	3.79E-06	2.37E-06	1.41E-05	2.24E-07	5.09E-06	6.96E-04	6.44E-05	8.29E-04
227	SG_227	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.900	2.28E-03	4.80E-03	6.64E-02	3.53E-03	1.25E-06	4.10E-03	7.34E-04	2.29E-04	4.48E-12	1.19E-04	3.19E-07	2.30E-07	3.49E-06	2.18E-06	1.30E-05	2.06E-07	4.68E-06	6.41E-04	5.92E-05	7.63E-04
228	SG_228	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.900	2.10E-03	4.42E-03	6.11E-02	3.22E-03	1.15E-06	3.81E-03	6.75E-04	2.11E-04	4.12E-12	1.10E-04	2.94E-07	2.11E-07	3.21E-06	2.00E-06	1.19E-05	1.90E-07	4.31E-06	5.89E-04	5.45E-05	7.02E-04
229	SG_229	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.900	1.94E-03	4.09E-03	5.66E-02	2.96E-03	1.06E-06	3.56E-03	6.25E-04	1.95E-04	3.81E-12	1.01E-04	2.71E-07	1.94E-07	2.97E-06	1.85E-06	1.11E-05	1.75E-07	3.99E-06	5.45E-04	5.04E-05	6.50E-04
230	SG_230	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.900	1.80E-03	3.79E-03	5.25E-02	2.75E-03	9.82E-07	3.38E-03	5.79E-04	1.81E-04	3.54E-12	9.40E-05	2.51E-07	1.78E-07	2.75E-06	1.72E-06	1.03E-05	1.63E-07	3.70E-06	5.06E-04	4.68E-05	6.03E-04
231	SG_231	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.900	1.68E-03	3.54E-03	4.90E-02	2.56E-03	9.16E-07	3.20E-03	5.41E-04	1.69E-04	3.30E-12	8.77E-05	2.33E-07	1.65E-07	2.57E-06	1.60E-06	9.58E-06	1.52E-07	3.46E-06	4.72E-04	4.37E-05	5.63E-04
232	SG_232	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.900	1.75E-03	3.69E-03	5.10E-02	2.63E-03	9.52E-07	3.28E-03	5.63E-04	1.76E-04	3.44E-12	9.13E-05	2.42E-07	1.70E-07	2.67E-06	1.66E-06	9.97E-06	1.58E-07	3.60E-06	4.92E-04	4.55E-05	5.86E-04
233	SG_233	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6365.900	2.08E-03	4.39E-03	6.05E-02	3.07E-03	1.13E-06	3.76E-03	6.70E-04	2.09E-04	4.09E-12	1.09E-04	2.87E-07	2.01E-07	3.18E-06	1.98E-06	1.19E-05	1.88E-07	4.29E-06	5.85E-04	5.41E-05	6.97E-04
234	SG_234	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.900	2.67E-03	5.62E-03	7.75E-02	3.88E-03	1.45E-06	4.64E-03	8.59E-04	2.68E-04	5.24E-12	1.39E-04	3.67E-07	2.56E-07	4.08E-06	2.53E-06	1.52E-05	2.41E-07	5.49E-06	7.50E-04	6.94E-05	8.93E-04
235	SG_235	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6365.900	3.24E-03	6.83E-03	9.40E-02	4.70E-03	1.76E-06	5.45E-03	1.04E-03	3.26E-04	6.37E-12	1.69E-04	4.45E-07	3.09E-07	4.95E-06	3.08E-06	1.85E-05	2.92E-07	6.67E-06	9.11E-04	8.43E-05	1.09E-03
236	SG_236	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.900	3.85E-03	8.10E-03	1.12E-01	5.63E-03	2.09E-06	6.22E-03	1.24E-03	3.87E-04	7.56E-12	2.01E-04	5.28E-07	3.65E-07	5.88E-06	3.65E-06	2.19E-05	3.47E-07	7.93E-06	1.08E-03	1.00E-04	1.29E-03
237	SG_237	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.900	4.66E-03	9.81E-03	1.35E-01	6.83E-03	2.53E-06	7.18E-03	1.50E-03	4.68E-04	9.16E-12	2.43E-04	6.39E-07	4.41E-07	7.12E-06	4.42E-06	2.66E-05	4.20E-07	9.60E-06	1.31E-03	1.21E-04	1.56E-03
238	SG_238	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.900	5.72E-03	1.20E-02	1.66E-01	8.33E-03	3.10E-06	8.33E-03	1.84E-03	5.74E-04	1.12E-11	2.98E-04	7.84E-07	5.42E-07	8.73E-06	5.42E-06	3.26E-05	5.15E-07	1.18E-05	1.61E-03	1.49E-04	1.91E-03
239	SG_239	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.900	7.05E-03	1.48E-02	2.04E-01	1.02E-02	3.82E-06	9.81E-03	2.27E-03	7.08E-04	1.39E-11	3.67E-04	9.67E-07	6.70E-07	1.08E-05	6.69E-06	4.02E-05	6.35E-07	1.45E-05	1.98E-03	1.83E-04	2.36E-03
240	SG_240	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.900	7.50E-03	1.58E-02	2.17E-01	1.07E-02	4.07E-06	9.98E-03	2.41E-03	7.53E-04	1.47E-11	3.91E-04	1.03E-06	7.14E-07	1.14E-05	7.11E-06	4.27E-05	6.75E-07	1.54E-05	2.10E-03	1.95E-04	2.51E-03
241	SG_241	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.900	8.10E-03	1.70E-02	2.35E-01	1.17E-02	4.39E-06	1.07E-02	2.60E-03	8.13E-04	1.59E-11	4.22E-04	1.11E-06	7.72E-07	1.24E-05	7.68E-06	4.61E-05	7.29E-07	1.67E-05	2.27E-03	2.10E-04	2.71E-03
242	SG_242	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6365.900	8.55E-03	1.80E-02	2.48E-01	1.25E-02	4.64E-06	1.13E-02	2.75E-03	8.58E-04	1.68E-11	4.45E-04	1.17E-06	8.16E-07	1.30E-05	8.11E-06	4.87E-05	7.69E-07	1.76E-05	2.40E-03	2.22E-04	2.86E-03
243	SG_243	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6365.900	8.22E-03	1.73E-02	2.38E-01	1.21E-02	4.45E-06	1.08E-02	2.64E-03	8.24E-04	1.61E-11	4.28E-04	1.13E-06	7.84E-07	1.25E-05	7.79E-06	4.67E-05	7.39E-07	1.69E-05	2.30E-03	2.13E-04	2.75E-03
244	SG_244	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.900	7.99E-03	1.68E-02	2.32E-01	1.19E-02	4.33E-06	1.05E-02	2.57E-03	8.02E-04	1.57E-11	4.16E-04	1.10E-06	7.63E-07	1.22E-05	7.58E-06	4.55E-05	7.19E-07	1.64E-05	2.24E-03	2.08E-04	2.67E-03
245	SG_245	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.900	7.41E-03	1.56E-02	2.15E-01	1.11E-02	4.01E-06	9.62E-03	2.38E-03	7.43E-04	1.45E-11	3.86E-04	1.02E-06	7.07E-07	1.13E-05	7.02E-06	4.21E-05	6.66E-07	1.52E-05	2.08E-03	1.92E-04	2.47E-03
246	SG_246	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.900	7.05E-03	1.48E-02	2.05E-01	1.06E-02	3.82E-06	9.09E-03	2.27E-03	7.07E-04	1.38E-11	3.67E-04	9.68E-07	6.73E-07	1.08E-05	6.68E-06	4.01E-05	6.34E-07	1.45E-05	1.98E-03	1.83E-04	2.36E-03
247	SG_247	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.900	6.92E-03	1.45E-02	2.01E-01	1.05E-02	3.75E-06	8.84E-03	2.22E-03	6.93E-04	1.36E-11	3.60E-04	9.49E-07	6.60E-07	1.05E-05	6.55E-06	3.93E-05	6.22E-07	1.42E-05	1.94E-03	1.79E-04	2.31E-03
248	SG_248	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.900	6.56E-03	1.38E-02	1.90E-01	9.96E-03	3.56E-06	8.29E-03	2.11E-03	6.58E-04	1.29E-11	3.42E-04	9.01E-07	6.26E-07	1.00E-05	6.22E-06	3.73E-05	5.90E-07	1.35E-05	1.84E-03	1.70E-04	2.19E-03
249	SG_249	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.100	2.52E-03	5.32E-03	7.36E-02	4.03E-03	1.38E-06	3.99E-03	8.12E-04	2.53E-04	4.96E-12	1.32E-04	3.53E-07	2.53E-07	3.86E-06	2.41E-06	1.44E-05	2.28E-07	5.18E-06	7.09E-04	6.56E-05	8.45E-04

AQIA DATA - SCENARIO 1 GRID MAX

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.124**	**0.260**	**3.550**	**0.199**	**6.74E-05**	**0.358**	**0.040**	**0.012**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**0.035**	**0.003**	**0.041**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
250	SG_250	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.100	2.72E-03	5.73E-03	7.92E-02	4.27E-03	1.49E-06	4.27E-03	8.75E-04	2.73E-04	5.34E-12	1.42E-04	3.80E-07	2.73E-07	4.16E-06	2.60E-06	1.55E-05	2.46E-07	5.59E-06	7.64E-04	7.06E-05	9.10E-04
251	SG_251	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.100	3.02E-03	6.37E-03	8.80E-02	4.72E-03	1.65E-06	4.80E-03	9.73E-04	3.04E-04	5.94E-12	1.58E-04	4.23E-07	3.04E-07	4.62E-06	2.89E-06	1.72E-05	2.73E-07	6.21E-06	8.49E-04	7.85E-05	1.01E-03
252	SG_252	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.100	3.27E-03	6.88E-03	9.51E-02	5.04E-03	1.79E-06	5.24E-03	1.05E-03	3.28E-04	6.42E-12	1.71E-04	4.58E-07	3.29E-07	5.00E-06	3.12E-06	1.86E-05	2.95E-07	6.71E-06	9.18E-04	8.49E-05	1.09E-03
253	SG_253	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.100	3.55E-03	7.48E-03	1.03E-01	5.46E-03	1.94E-06	5.82E-03	1.14E-03	3.56E-04	6.98E-12	1.85E-04	4.98E-07	3.58E-07	5.43E-06	3.39E-06	2.02E-05	3.21E-07	7.29E-06	9.97E-04	9.22E-05	1.19E-03
254	SG_254	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.100	3.67E-03	7.73E-03	1.07E-01	5.63E-03	2.01E-06	6.16E-03	1.18E-03	3.68E-04	7.21E-12	1.92E-04	5.14E-07	3.70E-07	5.61E-06	3.51E-06	2.09E-05	3.32E-07	7.54E-06	1.03E-03	9.53E-05	1.23E-03
255	SG_255	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.100	3.60E-03	7.57E-03	1.04E-01	5.52E-03	1.97E-06	6.19E-03	1.16E-03	3.61E-04	7.07E-12	1.88E-04	5.04E-07	3.63E-07	5.50E-06	3.44E-06	2.05E-05	3.25E-07	7.38E-06	1.01E-03	9.34E-05	1.20E-03
256	SG_256	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.100	3.38E-03	7.12E-03	9.83E-02	5.20E-03	1.85E-06	5.96E-03	1.09E-03	3.40E-04	6.65E-12	1.77E-04	4.74E-07	3.41E-07	5.17E-06	3.23E-06	1.93E-05	3.06E-07	6.95E-06	9.50E-04	8.79E-05	1.13E-03
257	SG_257	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.100	3.18E-03	6.70E-03	9.24E-02	4.90E-03	1.74E-06	5.76E-03	1.02E-03	3.19E-04	6.25E-12	1.66E-04	4.46E-07	3.21E-07	4.86E-06	3.04E-06	1.81E-05	2.88E-07	6.53E-06	8.93E-04	8.26E-05	1.06E-03
258	SG_258	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.100	2.91E-03	6.12E-03	8.45E-02	4.47E-03	1.59E-06	5.36E-03	9.36E-04	2.92E-04	5.71E-12	1.52E-04	4.07E-07	2.93E-07	4.45E-06	2.78E-06	1.66E-05	2.63E-07	5.97E-06	8.17E-04	7.55E-05	9.74E-04
259	SG_259	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.100	2.65E-03	5.59E-03	7.71E-02	4.07E-03	1.45E-06	4.97E-03	8.54E-04	2.66E-04	5.21E-12	1.39E-04	3.71E-07	2.66E-07	4.06E-06	2.53E-06	1.51E-05	2.40E-07	5.45E-06	7.45E-04	6.89E-05	8.88E-04
260	SG_260	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.100	2.39E-03	5.03E-03	6.94E-02	3.62E-03	1.30E-06	4.50E-03	7.68E-04	2.40E-04	4.69E-12	1.25E-04	3.34E-07	2.39E-07	3.65E-06	2.28E-06	1.36E-05	2.16E-07	4.90E-06	6.71E-04	6.20E-05	7.99E-04
261	SG_261	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.100	2.20E-03	4.63E-03	6.40E-02	3.33E-03	1.20E-06	4.22E-03	7.08E-04	2.21E-04	4.32E-12	1.15E-04	3.06E-07	2.18E-07	3.36E-06	2.10E-06	1.25E-05	1.99E-07	4.52E-06	6.18E-04	5.71E-05	7.36E-04
262	SG_262	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.100	2.06E-03	4.33E-03	5.98E-02	3.11E-03	1.12E-06	4.02E-03	6.61E-04	2.06E-04	4.04E-12	1.07E-04	2.85E-07	2.02E-07	3.14E-06	1.96E-06	1.17E-05	1.85E-07	4.22E-06	5.77E-04	5.34E-05	6.88E-04
263	SG_263	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6366.100	2.11E-03	4.43E-03	6.11E-02	3.14E-03	1.14E-06	4.06E-03	6.77E-04	2.11E-04	4.13E-12	1.10E-04	2.91E-07	2.04E-07	3.21E-06	2.00E-06	1.20E-05	1.90E-07	4.33E-06	5.91E-04	5.47E-05	7.04E-04
264	SG_264	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6366.100	2.60E-03	5.48E-03	7.55E-02	3.81E-03	1.41E-06	4.82E-03	8.37E-04	2.61E-04	5.11E-12	1.36E-04	3.58E-07	2.50E-07	3.97E-06	2.47E-06	1.48E-05	2.34E-07	5.35E-06	7.31E-04	6.76E-05	8.71E-04
265	SG_265	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.100	3.66E-03	7.69E-03	1.06E-01	5.29E-03	1.98E-06	6.56E-03	1.18E-03	3.67E-04	7.18E-12	1.90E-04	5.02E-07	3.49E-07	5.58E-06	3.47E-06	2.08E-05	3.29E-07	7.52E-06	1.03E-03	9.50E-05	1.22E-03
266	SG_266	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.100	4.17E-03	8.77E-03	1.21E-01	6.06E-03	2.26E-06	7.15E-03	1.34E-03	4.18E-04	8.18E-12	2.17E-04	5.72E-07	3.96E-07	6.36E-06	3.95E-06	2.37E-05	3.75E-07	8.57E-06	1.17E-03	1.08E-04	1.39E-03
267	SG_267	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.100	4.82E-03	1.01E-02	1.39E-01	7.03E-03	2.61E-06	7.86E-03	1.55E-03	4.84E-04	9.46E-12	2.51E-04	6.60E-07	4.56E-07	7.35E-06	4.57E-06	2.74E-05	4.34E-07	9.91E-06	1.35E-03	1.25E-04	1.61E-03
268	SG_268	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.100	5.92E-03	1.24E-02	1.71E-01	8.59E-03	3.21E-06	9.09E-03	1.90E-03	5.94E-04	1.16E-11	3.08E-04	8.11E-07	5.61E-07	9.03E-06	5.61E-06	3.37E-05	5.33E-07	1.22E-05	1.66E-03	1.54E-04	1.98E-03
269	SG_269	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.100	7.36E-03	1.55E-02	2.13E-01	1.06E-02	3.99E-06	1.07E-02	2.37E-03	7.39E-04	1.44E-11	3.83E-04	1.01E-06	6.99E-07	1.12E-05	6.98E-06	4.19E-05	6.62E-07	1.51E-05	2.07E-03	1.91E-04	2.46E-03
270	SG_270	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6366.100	8.77E-03	1.84E-02	2.54E-01	1.26E-02	4.75E-06	1.23E-02	2.82E-03	8.80E-04	1.72E-11	4.57E-04	1.20E-06	8.34E-07	1.34E-05	8.31E-06	4.99E-05	7.89E-07	1.80E-05	2.46E-03	2.28E-04	2.93E-03
271	SG_271	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6366.100	9.67E-03	2.03E-02	2.80E-01	1.40E-02	5.24E-06	1.34E-02	3.11E-03	9.70E-04	1.90E-11	5.03E-04	1.33E-06	9.21E-07	1.47E-05	9.16E-06	5.50E-05	8.70E-07	1.99E-05	2.71E-03	2.51E-04	3.23E-03
272	SG_272	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.100	9.90E-03	2.08E-02	2.87E-01	1.45E-02	5.37E-06	1.37E-02	3.18E-03	9.93E-04	1.94E-11	5.16E-04	1.36E-06	9.44E-07	1.51E-05	9.39E-06	5.63E-05	8.91E-07	2.04E-05	2.78E-03	2.57E-04	3.31E-03
273	SG_273	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.100	9.61E-03	2.02E-02	2.78E-01	1.42E-02	5.21E-06	1.33E-02	3.09E-03	9.64E-04	1.88E-11	5.00E-04	1.32E-06	9.17E-07	1.47E-05	9.11E-06	5.47E-05	8.64E-07	1.97E-05	2.69E-03	2.49E-04	3.21E-03
274	SG_274	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.100	8.85E-03	1.86E-02	2.56E-01	1.32E-02	4.80E-06	1.21E-02	2.84E-03	8.88E-04	1.74E-11	4.61E-04	1.22E-06	8.45E-07	1.35E-05	8.39E-06	5.03E-05	7.96E-07	1.82E-05	2.48E-03	2.30E-04	2.96E-03
275	SG_275	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.100	8.58E-03	1.80E-02	2.48E-01	1.29E-02	4.65E-06	1.17E-02	2.76E-03	8.60E-04	1.68E-11	4.46E-04	1.18E-06	8.18E-07	1.31E-05	8.13E-06	4.88E-05	7.71E-07	1.76E-05	2.40E-03	2.23E-04	2.87E-03
276	SG_276	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.100	7.92E-03	1.66E-02	2.30E-01	1.19E-02	4.29E-06	1.07E-02	2.55E-03	7.95E-04	1.55E-11	4.12E-04	1.09E-06	7.56E-07	1.21E-05	7.51E-06	4.51E-05	7.13E-07	1.63E-05	2.22E-03	2.06E-04	2.65E-03
277	SG_277	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.100	7.61E-03	1.60E-02	2.20E-01	1.15E-02	4.12E-06	1.02E-02	2.44E-03	7.63E-04	1.49E-11	3.96E-04	1.04E-06	7.25E-07	1.16E-05	7.21E-06	4.33E-05	6.84E-07	1.56E-05	2.13E-03	1.97E-04	2.54E-03
278	SG_278	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.100	7.20E-03	1.51E-02	2.09E-01	1.09E-02	3.90E-06	9.55E-03	2.31E-03	7.22E-04	1.41E-11	3.75E-04	9.88E-07	6.87E-07	1.10E-05	6.82E-06	4.10E-05	6.48E-07	1.48E-05	2.02E-03	1.87E-04	2.41E-03
279	SG_279	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6366.100	6.91E-03	1.45E-02	2.00E-01	1.04E-02	3.74E-06	9.06E-03	2.22E-03	6.93E-04	1.36E-11	3.60E-04	9.48E-07	6.59E-07	1.05E-05	6.55E-06	3.93E-05	6.21E-07	1.42E-05	1.94E-03	1.79E-04	2.31E-03
280	SG_280	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.300	2.45E-03	5.17E-03	7.15E-02	4.01E-03	1.34E-06	4.17E-03	7.89E-04	2.46E-04	4.82E-12	1.28E-04	3.42E-07	2.45E-07	3.75E-06	2.34E-06	1.40E-05	2.22E-07	5.04E-06	6.89E-04	6.37E-05	8.21E-04
281	SG_281	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.300	2.66E-03	5.60E-03	7.74E-02	4.25E-03	1.45E-06	4.43E-03	8.56E-04	2.67E-04	5.22E-12	1.39E-04	3.71E-07	2.66E-07	4.06E-06	2.54E-06	1.51E-05	2.40E-07	5.46E-06	7.47E-04	6.91E-05	8.90E-04
282	SG_282	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.300	2.97E-03	6.26E-03	8.65E-02	4.68E-03	1.62E-06	4.92E-03	9.57E-04	2.99E-04	5.84E-12	1.55E-04	4.16E-07	2.98E-07	4.55E-06	2.84E-06	1.69E-05	2.69E-07	6.11E-06	8.35E-04	7.72E-05	9.95E-04
283	SG_283	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.300	3.35E-03	7.07E-03	9.76E-02	5.21E-03	1.83E-06	5.55E-03	1.08E-03	3.37E-04	6.59E-12	1.75E-04	4.70E-07	3.37E-07	5.13E-06	3.21E-06	1.91E-05	3.03E-07	6.89E-06	9.43E-04	8.72E-05	1.12E-03
284	SG_284	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.300	3.83E-03	8.07E-03	1.11E-01	5.89E-03	2.10E-06	6.41E-03	1.23E-03	3.85E-04	7.53E-12	2.00E-04	5.37E-07	3.86E-07	5.86E-06	3.66E-06	2.18E-05	3.46E-07	7.87E-06	1.08E-03	9.95E-05	1.28E-03
285	SG_285	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.300	4.21E-03	8.86E-03	1.22E-01	6.41E-03	2.30E-06	7.15E-03	1.35E-03	4.22E-04	8.26E-12	2.20E-04	5.89E-07	4.24E-07	6.43E-06	4.02E-06	2.40E-05	3.80E-07	8.64E-06	1.18E-03	1.09E-04	1.41E-03
286	SG_286	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.300	4.37E-03	9.20E-03	1.27E-01	6.63E-03	2.39E-06	7.58E-03	1.41E-03	4.38E-04	8.58E-12	2.28E-04	6.12E-07	4.40E-07	6.68E-06	4.17E-06	2.49E-05	3.95E-07	8.97E-06	1.23E-03	1.13E-04	1.46E-03
287	SG_287	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.300	4.37E-03	9.19E-03	1.27E-01	6.64E-03	2.39E-06	7.80E-03	1.40E-03	4.38E-04	8.57E-12	2.28E-04	6.11E-07	4.40E-07	6.67E-06	4.17E-06	2.49E-05	3.94E-07	8.96E-06	1.23E-03	1.13E-04	1.46E-03
288	SG_288	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.300	4.10E-03	8.62E-03	1.19E-01	6.24E-03	2.24E-06	7.52E-03	1.32E-03	4.11E-04	8.04E-12	2.14E-04	5.73E-07	4.13E-07	6.26E-06	3.91E-06	2.33E-05	3.70E-07	8.40E-06	1.15E-03	1.06E-04	1.37E-03
289	SG_289	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.300	3.78E-03	7.95E-03	1.09E-01	5.76E-03	2.06E-06	7.12E-03	1.21E-03	3.79E-04	7.41E-12	1.97E-04	5.29E-07	3.80E-07	5.77E-06	3.61E-06	2.15E-05	3.41E-07	7.75E-06	1.06E-03	9.80E-05	1.26E-03
290	SG_290	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.300	3.39E-03	7.14E-03	9.84E-02	5.17E-03	1.85E-06	6.51E-03	1.09E-03	3.40E-04	6.66E-12	1.77E-04	4.74E-07	3.41E-07	5.18E-06	3.24E-06	1.93E-05	3.06E-07	6.96E-06	9.52E-04	8.81E-05	1.13E-03
291	SG_291	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.300	3.03E-03	6.38E-03	8.80E-02	4.59E-03	1.66E-06	5.90E-03	9.75E-04	3.04E-04	5.95E-12	1.58E-04	4.24E-07	3.04E-07	4.63E-06	2.89E-06	1.73E-05	2.74E-07	6.23E-06	8.51E-04	7.87E-05	1.01E-03
292	SG_292	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.300	2.82E-03	5.94E-03	8.18E-02	4.25E-03	1.54E-06	5.58E-03	9.08E-04	2.83E-04	5.54E-12	1.47E-04	3.93E-07	2.81E-07	4.31E-06	2.69E-06	1.61E-05	2.55E-07	5.79E-06	7.92E-04	7.33E-05	9.44E-04
293	SG_293	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.300	2.52E-03	5.29E-03	7.30E-02	3.79E-03	1.37E-06	5.05E-03	8.09E-04	2.52E-04	4.94E-12	1.31E-04	3.49E-07	2.47E-07	3.84E-06	2.40E-06	1.43E-05	2.27E-07	5.17E-06	7.06E-04	6.53E-05	8.42E-04
294	SG_294	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6366.300	2.54E-03	5.35E-03	7.37E-02	3.78E-03	1.38E-06	5.05E-03	8.18E-04	2.55E-04	4.99E-12	1.33E-04	3.51E-07	2.47E-07	3.88E-06	2.42E-06	1.45E-05	2.29E-07	5.23E-06	7.14E-04	6.61E-05	8.51E-04
295	SG_295	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6366.300	3.07E-03	6.46E-03	8.88E-02	4.48E-03	1.67E-06	5.82E-03	9.87E-04	3.08E-04	6.03E-12	1.60E-04	4.23E-07	2.95E-07	4.68E-06	2.91E-06	1.75E-05	2.76E-07	6.31E-06	8.61E-04	7.97E-05	1.03E-03
296	SG_296	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.300	4.01E-03	8.43E-03	1.16E-01	5.79E-03	2.17E-06	7.29E-03	1.29E-03	4.02E-04	7.87E-12	2.09E-04	5.50E-07	3.83E-07	6.12E-06	3.80E-06	2.28E-05	3.61E-07	8.24E-06	1.12E-03	1.04E-04	1.34E-03
297	SG_297	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.300	5.03E-03	1.06E-02	1.45E-01	7.30E-03	2.72E-06	8.76E-03	1.62E-03	5.04E-04	9.87E-12	2.62E-04	6.89E-07	4.77E-07	7.67E-06	4.76E-06	2.86E-05	4.52E-07	1.03E-05	1.41E-03	1.31E-04	1.68E-03
298	SG_298	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.300	6.49E-03	1.36E-02	1.87E-01	9.43E-03	3.51E-06	1.06E-02	2.08E-03	6.51E-04	1.27E-11	3.38E-04	8.88E-07	6.14E-07	9.89E-06	6.14E-06	3.69E-05	5.83E-07	1.33E-05	1.82E-03	1.68E-04	2.17E-03
299	SG_299	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.300	8.63E-03	1.81E-02	2.49E-01	1.24E-02	4.67E-06	1.33E-02	2.77E-03	8.66E-04	1.69E-11	4.49E-04	1.18E-06	8.18E-07	1.32E-05	8.18E-06	4.91E-05	7.76E-07	1.77E-05	2.42E-03	2.24E-04	2.88E-03
300	SG_300	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.300	1.06E-02	2.22E-02	3.05E-01	1.52E-02	5.73E-06	1.56E-02	3.40E-03	1.06E-03	2.07E-11	5.50E-04	1.45E-06	1.01E-06	1.61E-05	1.00E-05	6.01E-05	9.51E-07	2.17E-05	2.97E-03	2.74E-04	3.53E-03
301	SG_301	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.300	1.18E-02	2.47E-02	3.40E-01	1.70E-02	6.38E-06	1.72E-02	3.78E-03	1.18E-03	2.31E-11	6.13E-04	1.61E-06	1.12E-06	1.79E-05	1.12E-05	6.69E-05	1.06E-06	2.42E-05	3.30E-03	3.06E-04	3.93E-03
302	SG_302	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.300	1.18E-02	2.47E-02	3.40E-01	1.72E-02	6.38E-06	1.71E-02	3.78E-03	1.18E-03	2.31E-11	6.13E-04	1.62E-06	1.12E-06	1.80E-05	1.12E-05	6.70E-05	1.06E-06	2.42E-05	3.30E-03	3.06E-04	3.93E-03
303	SG_303	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.300	1.13E-02	2.37E-02	3.26E-01	1.66E-02	6.11E-06	1.64E-02	3.62E-03	1.13E-03	2.21E-11	5.87E-04	1.55E-06	1.08E-06	1.72E-05	1.07E-05	6.42E-05	1.01E-06	2.32E-05	3.16E-03	2.93E-04	3.77E-03
304	SG_304	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.300	1.06E-02	2.23E-02	3.07E-01	1.58E-02	5.75E-06	1.53E-02	3.41E-03	1.06E-03	2.08E-11	5.52E-04	1.46E-06	1.01E-06	1.62E-05	1.01E-05	6.04E-05	9.54E-07	2.18E-05	2.98E-03	2.75E-04	3.55E-03
305	SG_305	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.300	9.95E-03	2.09E-02	2.88E-01	1.49E-02	5.39E-06	1.43E-02	3.20E-03	9.98E-04	1.95E-11	5.18E-04	1.37E-06	9.49E-07	1.52E-05	9.43E-06	5.66E-05	8.95E-07	2.04E-05	2.79E-03	2.58E-04	3.32E-03
306	SG_306	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.300	9.07E-03	1.90E-02	2.62E-01	1.36E-02	4.92E-06	1.29E-02	2.91E-03	9.09E-04	1.78E-11	4.72E-04	1.24E-06	8.65E-07	1.38E-05	8.60E-06	5.16E-05	8.16E-07	1.86E-05	2.54E-03	2.35E-04	3.03E-03
307	SG_307	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.300	8.48E-03	1.78E-02	2.45E-01	1.27E-02	4.60E-06	1.20E-02	2.72E-03	8.50E-04	1.66E-11	4.41E-04	1.16E-06	8.09E-07	1.29E-05	8.04E-06	4.82E-05	7.63E-07	1.74E-05	2.38E-03	2.20E-04	2.83E-03
308	SG_308	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.300	8.17E-03	1.72E-02	2.37E-01	1.23E-02	4.43E-06	1.14E-02	2.62E-03	8.19E-04	1.60E-11	4.25E-04	1.12E-06	7.79E-07	1.25E-05	7.74E-06	4.65E-05	7.35E-07	1.68E-05	2.29E-03	2.12E-04	2.73E-03
309	SG_309	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.300	7.62E-03	1.60E-02	2.21E-01	1.15E-02	4.13E-06	1.05E-02	2.45E-03	7.64E-04	1.50E-11	3.97E-04	1.05E-06	7.27E-07	1.16E-05	7.22E-06	4.34E-05	6.86E-07	1.57E-05	2.14E-03	1.98E-04	2.55E-03
310	SG_310	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.300	7.17E-03	1.51E-02	2.08E-01	1.08E-02	3.89E-06	9.76E-03	2.30E-03	7.19E-04	1.41E-11	3.73E-04	9.85E-07	6.85E-07	1.09E-05	6.80E-06	4.08E-05	6.45E-07	1.47E-05	2.01E-03	1.86E-04	2.40E-03
311	SG_311	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.500	2.23E-03	4.71E-03	6.51E-02	3.75E-03	1.22E-06	4.04E-03	7.19E-04	2.24E-04	4.39E-12	1.17E-04	3.11E-07	2.22E-07	3.42E-06	2.13E-06	1.27E-05	2.02E-07	4.59E-06	6.28E-04	5.81E-05	7.48E-04
312	SG_312	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.500	2.37E-03	4.99E-03	6.91E-02	3.82E-03	1.29E-06	4.14E-03	7.63E-04	2.38E-04	4.66E-12	1.24E-04	3.31E-07	2.36E-07	3.62E-06	2.26E-06	1.35E-05	2.14E-07	4.87E-06	6.66E-04	6.16E-05	7.93E-04
313	SG_313	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.500	2.80E-03	5.90E-03	8.15E-02	4.51E-03	1.53E-06	4.96E-03	9.01E-04	2.81E-04	5.50E-12	1.46E-04	3.91E-07	2.79E-07	4.28E-06	2.67E-06	1.59E-05	2.53E-07	5.75E-06	7.86E-04	7.27E-05	9.37E-04
314	SG_314	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.500	3.29E-03	6.93E-03	9.56E-02	5.22E-03	1.80E-06	5.80E-03	1.06E-03	3.30E-04	6.47E-12	1.72E-04	4.60E-07	3.29E-07	5.03E-06	3.14E-06	1.87E-05	2.97E-07	6.76E-06	9.24E-04	8.55E-05	1.10E-03
315	SG_315	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.500	3.84E-03	8.09E-03	1.12E-01	5.97E-03	2.10E-06	6.70E-03	1.24E-03	3.86E-04	7.55E-12	2.01E-04	5.37E-07	3.85E-07	5.87E-06	3.67E-06	2.19E-05	3.47E-07	7.89E-06	1.08E-03	9.98E-05	1.29E-03
316	SG_316	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.500	4.42E-03	9.30E-03	1.28E-01	6.76E-03	2.41E-06	7.69E-03	1.42E-03	4.43E-04	8.67E-12	2.31E-04	6.18E-07	4.44E-07	6.75E-06	4.22E-06	2.52E-05	3.99E-07	9.07E-06	1.24E-03	1.15E-04	1.48E-03
317	SG_317	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.500	4.86E-03	1.02E-02	1.41E-01	7.35E-03	2.65E-06	8.54E-03	1.56E-03	4.87E-04	9.53E-12	2.53E-04	6.79E-07	4.88E-07	7.42E-06	4.64E-06	2.76E-05	4.39E-07	9.97E-06	1.36E-03	1.26E-04	1.62E-03
318	SG_318	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.500	5.15E-03	1.08E-02	1.49E-01	7.75E-03	2.81E-06	9.23E-03	1.66E-03	5.16E-04	1.01E-11	2.69E-04	7.20E-07	5.18E-07	7.86E-06	4.91E-06	2.93E-05	4.65E-07	1.06E-05	1.44E-03	1.34E-04	1.72E-03
319	SG_319	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.500	5.40E-03	1.13E-02	1.56E-01	8.17E-03	2.95E-06	1.01E-02	1.73E-03	5.41E-04	1.06E-11	2.81E-04	7.55E-07	5.43E-07	8.24E-06	5.15E-06	3.07E-05	4.87E-07	1.11E-05	1.51E-03	1.40E-04	1.80E-03
320	SG_320	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.500	5.63E-03	1.18E-02	1.63E-01	8.68E-03	3.07E-06	1.11E-02	1.81E-03	5.64E-04	1.10E-11	2.94E-04	7.88E-07	5.67E-07	8.59E-06	5.37E-06	3.20E-05	5.08E-07	1.15E-05	1.58E-03	1.46E-04	1.88E-03
321	SG_321	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.500	5.34E-03	1.12E-02	1.54E-01	8.32E-03	2.92E-06	1.10E-02	1.72E-03	5.35E-04	1.05E-11	2.79E-04	7.47E-07	5.37E-07	8.15E-06	5.10E-06	3.04E-05	4.82E-07	1.10E-05	1.50E-03	1.39E-04	1.79E-03
322	SG_322	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.500	4.56E-03	9.59E-03	1.32E-01	7.03E-03	2.49E-06	9.51E-03	1.47E-03	4.58E-04	8.96E-12	2.38E-04	6.38E-07	4.58E-07	6.97E-06	4.36E-06	2.60E-05	4.12E-07	9.36E-06	1.28E-03	1.18E-04	1.53E-03
323	SG_323	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.500	3.78E-03	7.95E-03	1.09E-01	5.69E-03	2.06E-06	7.78E-03	1.21E-03	3.79E-04	7.42E-12	1.97E-04	5.27E-07	3.77E-07	5.77E-06	3.60E-06	2.15E-05	3.41E-07	7.75E-06	1.06E-03	9.81E-05	1.26E-03
324	SG_324	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.500	3.25E-03	6.84E-03	9.41E-02	4.87E-03	1.77E-06	6.74E-03	1.05E-03	3.26E-04	6.38E-12	1.70E-04	4.52E-07	3.21E-07	4.97E-06	3.10E-06	1.85E-05	2.93E-07	6.68E-06	9.13E-04	8.44E-05	1.09E-03
325	SG_325	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6366.500	3.11E-03	6.53E-03	8.98E-02	4.60E-03	1.69E-06	6.34E-03	9.98E-04	3.11E-04	6.09E-12	1.62E-04	4.29E-07	3.01E-07	4.74E-06	2.95E-06	1.77E-05	2.80E-07	6.38E-06	8.71E-04	8.06E-05	1.04E-03
326	SG_326	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6366.500	4.12E-03	8.66E-03	1.19E-01	5.97E-03	2.24E-06	8.04E-03	1.32E-03	4.13E-04	8.09E-12	2.15E-04	5.67E-07	3.95E-07	6.29E-06	3.91E-06	2.34E-05	3.71E-07	8.47E-06	1.16E-03	1.07E-04	1.38E-03
327	SG_327	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6366.500	5.95E-03	1.25E-02	1.72E-01	8.63E-03	3.23E-06	1.12E-02	1.91E-03	5.97E-04	1.17E-11	3.10E-04	8.16E-07	5.66E-07	9.08E-06	5.64E-06	3.39E-05	5.36E-07	1.22E-05	1.67E-03	1.55E-04	1.99E-03
328	SG_328	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.500	7.93E-03	1.67E-02	2.29E-01	1.16E-02	4.29E-06	1.42E-02	2.55E-03	7.95E-04	1.56E-11	4.13E-04	1.09E-06	7.50E-07	1.21E-05	7.51E-06	4.51E-05	7.13E-07	1.63E-05	2.22E-03	2.06E-04	2.65E-03
329	SG_329	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.500	1.10E-02	2.30E-02	3.16E-01	1.60E-02	5.94E-06	1.84E-02	3.52E-03	1.10E-03	2.15E-11	5.71E-04	1.50E-06	1.04E-06	1.67E-05	1.04E-05	6.24E-05	9.86E-07	2.25E-05	3.07E-03	2.85E-04	3.66E-03
330	SG_330	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.500	1.41E-02	2.97E-02	4.08E-01	2.04E-02	7.66E-06	2.24E-02	4.54E-03	1.42E-03	2.77E-11	7.36E-04	1.94E-06	1.34E-06	2.16E-05	1.34E-05	8.04E-05	1.27E-06	2.91E-05	3.97E-03	3.67E-04	4.73E-03
331	SG_331	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.500	1.51E-02	3.16E-02	4.35E-01	2.18E-02	8.17E-06	2.32E-02	4.84E-03	1.51E-03	2.96E-11	7.84E-04	2.07E-06	1.44E-06	2.30E-05	1.43E-05	8.57E-05	1.36E-06	3.10E-05	4.23E-03	3.91E-04	5.04E-03
332	SG_332	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.500	1.54E-02	3.22E-02	4.43E-01	2.25E-02	8.32E-06	2.37E-02	4.93E-03	1.54E-03	3.01E-11	7.99E-04	2.11E-06	1.46E-06	2.34E-05	1.45E-05	8.73E-05	1.38E-06	3.15E-05	4.30E-03	3.98E-04	5.13E-03

AQIA DATA - SCENARIO 1 GRID MAX

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.124**	**0.260**	**3.550**	**0.199**	**6.74E-05**	**0.358**	**0.040**	**0.012**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**0.035**	**0.003**	**0.041**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
333	SG_333	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.500	1.41E-02	2.97E-02	4.08E-01	2.09E-02	7.67E-06	2.17E-02	4.54E-03	1.42E-03	2.77E-11	7.36E-04	1.94E-06	1.35E-06	2.16E-05	1.34E-05	8.05E-05	1.27E-06	2.91E-05	3.97E-03	3.67E-04	4.73E-03
334	SG_334	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.500	1.29E-02	2.70E-02	3.72E-01	1.92E-02	6.97E-06	1.96E-02	4.13E-03	1.29E-03	2.52E-11	6.70E-04	1.77E-06	1.23E-06	1.96E-05	1.22E-05	7.32E-05	1.16E-06	2.64E-05	3.61E-03	3.34E-04	4.30E-03
335	SG_335	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.500	1.15E-02	2.41E-02	3.31E-01	1.71E-02	6.21E-06	1.73E-02	3.68E-03	1.15E-03	2.25E-11	5.96E-04	1.57E-06	1.09E-06	1.75E-05	1.09E-05	6.51E-05	1.03E-06	2.35E-05	3.21E-03	2.97E-04	3.83E-03
336	SG_336	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.500	1.04E-02	2.18E-02	3.00E-01	1.55E-02	5.62E-06	1.56E-02	3.33E-03	1.04E-03	2.03E-11	5.40E-04	1.42E-06	9.89E-07	1.58E-05	9.83E-06	5.90E-05	9.33E-07	2.13E-05	2.91E-03	2.69E-04	3.47E-03
337	SG_337	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.500	9.92E-03	2.08E-02	2.87E-01	1.49E-02	5.38E-06	1.47E-02	3.19E-03	9.95E-04	1.95E-11	5.17E-04	1.36E-06	9.46E-07	1.51E-05	9.41E-06	5.64E-05	8.93E-07	2.04E-05	2.78E-03	2.58E-04	3.32E-03
338	SG_338	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.500	9.14E-03	1.92E-02	2.65E-01	1.37E-02	4.96E-06	1.34E-02	2.94E-03	9.17E-04	1.79E-11	4.76E-04	1.26E-06	8.72E-07	1.39E-05	8.67E-06	5.20E-05	8.22E-07	1.88E-05	2.56E-03	2.37E-04	3.06E-03
339	SG_339	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.500	8.36E-03	1.75E-02	2.42E-01	1.25E-02	4.53E-06	1.21E-02	2.68E-03	8.38E-04	1.64E-11	4.35E-04	1.15E-06	7.97E-07	1.27E-05	7.92E-06	4.75E-05	7.51E-07	1.72E-05	2.34E-03	2.17E-04	2.79E-03
340	SG_340	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.500	7.65E-03	1.61E-02	2.22E-01	1.15E-02	4.15E-06	1.09E-02	2.46E-03	7.67E-04	1.50E-11	3.98E-04	1.05E-06	7.31E-07	1.17E-05	7.25E-06	4.35E-05	6.88E-07	1.57E-05	2.15E-03	1.99E-04	2.56E-03
341	SG_341	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.500	7.10E-03	1.49E-02	2.06E-01	1.06E-02	3.85E-06	9.96E-03	2.28E-03	7.12E-04	1.39E-11	3.70E-04	9.75E-07	6.78E-07	1.08E-05	6.73E-06	4.04E-05	6.39E-07	1.46E-05	1.99E-03	1.84E-04	2.37E-03
342	SG_342	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.700	2.08E-03	4.38E-03	6.07E-02	3.59E-03	1.14E-06	4.00E-03	6.70E-04	2.09E-04	4.09E-12	1.09E-04	2.89E-07	2.05E-07	3.18E-06	1.98E-06	1.19E-05	1.88E-07	4.28E-06	5.85E-04	5.41E-05	6.97E-04
343	SG_343	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.700	2.18E-03	4.59E-03	6.36E-02	3.61E-03	1.19E-06	4.07E-03	7.02E-04	2.19E-04	4.29E-12	1.14E-04	3.03E-07	2.16E-07	3.33E-06	2.08E-06	1.24E-05	1.97E-07	4.48E-06	6.13E-04	5.67E-05	7.30E-04
344	SG_344	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.700	2.49E-03	5.25E-03	7.26E-02	4.09E-03	1.36E-06	4.68E-03	8.03E-04	2.50E-04	4.90E-12	1.30E-04	3.47E-07	2.47E-07	3.81E-06	2.38E-06	1.42E-05	2.25E-07	5.13E-06	7.00E-04	6.48E-05	8.35E-04
345	SG_345	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.700	2.88E-03	6.06E-03	8.36E-02	4.61E-03	1.57E-06	5.34E-03	9.26E-04	2.89E-04	5.65E-12	1.50E-04	4.01E-07	2.86E-07	4.40E-06	2.74E-06	1.64E-05	2.60E-07	5.91E-06	8.08E-04	7.47E-05	9.63E-04
346	SG_346	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.700	3.58E-03	7.54E-03	1.04E-01	5.72E-03	1.95E-06	6.73E-03	1.15E-03	3.59E-04	7.03E-12	1.87E-04	4.99E-07	3.57E-07	5.47E-06	3.42E-06	2.04E-05	3.23E-07	7.35E-06	1.01E-03	9.30E-05	1.20E-03
347	SG_347	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.700	4.08E-03	8.59E-03	1.18E-01	6.30E-03	2.23E-06	7.45E-03	1.31E-03	4.10E-04	8.02E-12	2.13E-04	5.70E-07	4.08E-07	6.24E-06	3.90E-06	2.32E-05	3.69E-07	8.38E-06	1.15E-03	1.06E-04	1.37E-03
348	SG_348	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.700	4.74E-03	9.97E-03	1.37E-01	7.21E-03	2.59E-06	8.62E-03	1.52E-03	4.76E-04	9.31E-12	2.47E-04	6.62E-07	4.74E-07	7.24E-06	4.52E-06	2.70E-05	4.28E-07	9.73E-06	1.33E-03	1.23E-04	1.59E-03
349	SG_349	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.700	5.62E-03	1.18E-02	1.62E-01	8.52E-03	3.07E-06	1.04E-02	1.81E-03	5.63E-04	1.10E-11	2.93E-04	7.85E-07	5.63E-07	8.58E-06	5.36E-06	3.20E-05	5.07E-07	1.15E-05	1.58E-03	1.46E-04	1.88E-03
350	SG_350	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.700	6.52E-03	1.37E-02	1.88E-01	9.88E-03	3.56E-06	1.24E-02	2.10E-03	6.54E-04	1.28E-11	3.40E-04	9.12E-07	6.55E-07	9.96E-06	6.22E-06	3.71E-05	5.89E-07	1.34E-05	1.83E-03	1.69E-04	2.18E-03
351	SG_351	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.700	7.10E-03	1.49E-02	2.05E-01	1.08E-02	3.88E-06	1.40E-02	2.28E-03	7.11E-04	1.39E-11	3.70E-04	9.92E-07	7.13E-07	1.08E-05	6.77E-06	4.04E-05	6.41E-07	1.46E-05	1.99E-03	1.84E-04	2.37E-03
352	SG_352	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.700	6.97E-03	1.47E-02	2.01E-01	1.06E-02	3.81E-06	1.43E-02	2.24E-03	6.99E-04	1.37E-11	3.64E-04	9.75E-07	7.01E-07	1.06E-05	6.65E-06	3.97E-05	6.29E-07	1.43E-05	1.96E-03	1.81E-04	2.33E-03
353	SG_353	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.700	6.08E-03	1.28E-02	1.75E-01	9.22E-03	3.32E-06	1.28E-02	1.95E-03	6.09E-04	1.19E-11	3.17E-04	8.49E-07	6.10E-07	9.28E-06	5.80E-06	3.46E-05	5.49E-07	1.25E-05	1.70E-03	1.58E-04	2.03E-03
354	SG_354	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.700	5.30E-03	1.11E-02	1.53E-01	7.99E-03	2.89E-06	1.13E-02	1.70E-03	5.31E-04	1.04E-11	2.76E-04	7.39E-07	5.29E-07	8.08E-06	5.05E-06	3.01E-05	4.78E-07	1.09E-05	1.49E-03	1.37E-04	1.77E-03
355	SG_355	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.700	4.72E-03	9.91E-03	1.36E-01	7.05E-03	2.57E-06	1.02E-02	1.52E-03	4.73E-04	9.25E-12	2.46E-04	6.56E-07	4.66E-07	7.20E-06	4.49E-06	2.68E-05	4.25E-07	9.68E-06	1.32E-03	1.22E-04	1.58E-03
356	SG_356	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6366.700	4.69E-03	9.86E-03	1.35E-01	6.92E-03	2.55E-06	1.01E-02	1.51E-03	4.70E-04	9.20E-12	2.44E-04	6.48E-07	4.55E-07	7.16E-06	4.45E-06	2.67E-05	4.22E-07	9.63E-06	1.32E-03	1.22E-04	1.57E-03
357	SG_357	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6366.700	6.55E-03	1.38E-02	1.89E-01	9.47E-03	3.55E-06	1.34E-02	2.10E-03	6.56E-04	1.28E-11	3.41E-04	8.99E-07	6.26E-07	9.98E-06	6.21E-06	3.72E-05	5.89E-07	1.35E-05	1.84E-03	1.70E-04	2.19E-03
358	SG_358	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.700	9.44E-03	1.98E-02	2.72E-01	1.38E-02	5.11E-06	1.85E-02	3.03E-03	9.46E-04	1.85E-11	4.91E-04	1.29E-06	8.95E-07	1.44E-05	8.94E-06	5.37E-05	8.48E-07	1.94E-05	2.65E-03	2.45E-04	3.15E-03
359	SG_359	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.700	1.31E-02	2.74E-02	3.76E-01	1.91E-02	7.08E-06	2.39E-02	4.20E-03	1.31E-03	2.56E-11	6.80E-04	1.79E-06	1.24E-06	1.99E-05	1.24E-05	7.43E-05	1.17E-06	2.69E-05	3.66E-03	3.39E-04	4.37E-03
360	SG_360	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.700	1.85E-02	3.88E-02	5.32E-01	2.67E-02	1.00E-05	3.14E-02	5.93E-03	1.85E-03	3.62E-11	9.61E-04	2.53E-06	1.75E-06	2.82E-05	1.75E-05	1.05E-04	1.66E-06	3.80E-05	5.18E-03	4.79E-04	6.17E-03
361	SG_361	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.700	2.13E-02	4.48E-02	6.14E-01	3.09E-02	1.15E-05	3.51E-02	6.85E-03	2.14E-03	4.18E-11	1.11E-03	2.92E-06	2.03E-06	3.25E-05	2.02E-05	1.21E-04	1.92E-06	4.38E-05	5.98E-03	5.53E-04	7.12E-03
362	SG_362	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.700	1.99E-02	4.18E-02	5.74E-01	2.92E-02	1.08E-05	3.24E-02	6.40E-03	2.00E-03	3.91E-11	1.04E-03	2.73E-06	1.90E-06	3.04E-05	1.89E-05	1.13E-04	1.79E-06	4.09E-05	5.59E-03	5.17E-04	6.66E-03
363	SG_363	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.700	1.76E-02	3.70E-02	5.08E-01	2.61E-02	9.54E-06	2.86E-02	5.66E-03	1.77E-03	3.45E-11	9.17E-04	2.42E-06	1.68E-06	2.69E-05	1.67E-05	1.00E-04	1.58E-06	3.62E-05	4.94E-03	4.57E-04	5.88E-03
364	SG_364	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.700	1.57E-02	3.29E-02	4.52E-01	2.34E-02	8.50E-06	2.53E-02	5.04E-03	1.57E-03	3.08E-11	8.16E-04	2.15E-06	1.49E-06	2.39E-05	1.49E-05	8.92E-05	1.41E-06	3.22E-05	4.40E-03	4.07E-04	5.24E-03
365	SG_365	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.700	1.41E-02	2.96E-02	4.07E-01	2.11E-02	7.63E-06	2.26E-02	4.53E-03	1.41E-03	2.76E-11	7.33E-04	1.93E-06	1.34E-06	2.15E-05	1.33E-05	8.01E-05	1.27E-06	2.89E-05	3.95E-03	3.66E-04	4.71E-03
366	SG_366	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.700	1.24E-02	2.60E-02	3.58E-01	1.85E-02	6.72E-06	1.96E-02	3.98E-03	1.24E-03	2.43E-11	6.46E-04	1.70E-06	1.18E-06	1.89E-05	1.18E-05	7.05E-05	1.12E-06	2.55E-05	3.48E-03	3.22E-04	4.14E-03
367	SG_367	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.700	1.11E-02	2.33E-02	3.21E-01	1.66E-02	6.02E-06	1.73E-02	3.57E-03	1.11E-03	2.18E-11	5.78E-04	1.52E-06	1.06E-06	1.69E-05	1.05E-05	6.31E-05	9.98E-07	2.28E-05	3.11E-03	2.88E-04	3.71E-03
368	SG_368	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.700	9.94E-03	2.09E-02	2.87E-01	1.49E-02	5.39E-06	1.53E-02	3.19E-03	9.97E-04	1.95E-11	5.18E-04	1.37E-06	9.49E-07	1.52E-05	9.42E-06	5.65E-05	8.94E-07	2.04E-05	2.79E-03	2.58E-04	3.32E-03
369	SG_369	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.700	8.93E-03	1.87E-02	2.58E-01	1.33E-02	4.84E-06	1.35E-02	2.87E-03	8.95E-04	1.75E-11	4.65E-04	1.23E-06	8.52E-07	1.36E-05	8.46E-06	5.08E-05	8.03E-07	1.83E-05	2.50E-03	2.32E-04	2.98E-03
370	SG_370	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.700	8.10E-03	1.70E-02	2.34E-01	1.21E-02	4.39E-06	1.21E-02	2.60E-03	8.12E-04	1.59E-11	4.22E-04	1.11E-06	7.74E-07	1.24E-05	7.68E-06	4.61E-05	7.29E-07	1.66E-05	2.27E-03	2.10E-04	2.71E-03
371	SG_371	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.700	7.26E-03	1.53E-02	2.10E-01	1.09E-02	3.94E-06	1.06E-02	2.33E-03	7.28E-04	1.42E-11	3.78E-04	9.97E-07	6.94E-07	1.11E-05	6.88E-06	4.13E-05	6.53E-07	1.49E-05	2.04E-03	1.88E-04	2.43E-03
372	SG_372	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.700	6.70E-03	1.41E-02	1.94E-01	1.01E-02	3.63E-06	9.65E-03	2.15E-03	6.72E-04	1.31E-11	3.49E-04	9.20E-07	6.40E-07	1.02E-05	6.35E-06	3.81E-05	6.03E-07	1.38E-05	1.88E-03	1.74E-04	2.24E-03
373	SG_373	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.900	1.99E-03	4.18E-03	5.79E-02	3.37E-03	1.08E-06	3.88E-03	6.39E-04	1.99E-04	3.90E-12	1.04E-04	2.75E-07	1.95E-07	3.03E-06	1.89E-06	1.13E-05	1.79E-07	4.08E-06	5.58E-04	5.16E-05	6.65E-04
374	SG_374	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.900	2.15E-03	4.53E-03	6.27E-02	3.62E-03	1.17E-06	4.24E-03	6.93E-04	2.16E-04	4.23E-12	1.12E-04	2.99E-07	2.11E-07	3.29E-06	2.05E-06	1.23E-05	1.94E-07	4.42E-06	6.04E-04	5.59E-05	7.20E-04
375	SG_375	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.900	2.41E-03	5.06E-03	6.99E-02	4.02E-03	1.31E-06	4.80E-03	7.74E-04	2.41E-04	4.72E-12	1.25E-04	3.34E-07	2.36E-07	3.67E-06	2.29E-06	1.37E-05	2.17E-07	4.94E-06	6.75E-04	6.25E-05	8.05E-04
376	SG_376	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.900	2.72E-03	5.72E-03	7.90E-02	4.49E-03	1.48E-06	5.44E-03	8.75E-04	2.73E-04	5.34E-12	1.42E-04	3.78E-07	2.68E-07	4.15E-06	2.59E-06	1.55E-05	2.45E-07	5.59E-06	7.63E-04	7.06E-05	9.10E-04
377	SG_377	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.900	3.10E-03	6.52E-03	8.99E-02	4.99E-03	1.69E-06	6.15E-03	9.97E-04	3.11E-04	6.09E-12	1.62E-04	4.31E-07	3.06E-07	4.74E-06	2.95E-06	1.77E-05	2.80E-07	6.37E-06	8.70E-04	8.05E-05	1.04E-03
378	SG_378	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.900	3.58E-03	7.52E-03	1.04E-01	5.63E-03	1.95E-06	7.01E-03	1.15E-03	3.59E-04	7.02E-12	1.87E-04	4.98E-07	3.54E-07	5.46E-06	3.41E-06	2.04E-05	3.23E-07	7.34E-06	1.00E-03	9.29E-05	1.20E-03
379	SG_379	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.900	4.29E-03	9.02E-03	1.24E-01	6.68E-03	2.34E-06	8.40E-03	1.38E-03	4.30E-04	8.42E-12	2.24E-04	5.97E-07	4.26E-07	6.55E-06	4.09E-06	2.44E-05	3.87E-07	8.81E-06	1.20E-03	1.11E-04	1.43E-03
380	SG_380	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.900	5.38E-03	1.13E-02	1.55E-01	8.32E-03	2.93E-06	1.06E-02	1.73E-03	5.39E-04	1.05E-11	2.80E-04	7.49E-07	5.35E-07	8.21E-06	5.12E-06	3.06E-05	4.85E-07	1.10E-05	1.51E-03	1.39E-04	1.80E-03
381	SG_381	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.900	6.60E-03	1.39E-02	1.91E-01	1.00E-02	3.60E-06	1.30E-02	2.12E-03	6.62E-04	1.29E-11	3.44E-04	9.21E-07	6.59E-07	1.01E-05	6.29E-06	3.75E-05	5.95E-07	1.35E-05	1.85E-03	1.71E-04	2.21E-03
382	SG_382	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.900	7.94E-03	1.67E-02	2.29E-01	1.19E-02	4.33E-06	1.57E-02	2.55E-03	7.95E-04	1.56E-11	4.14E-04	1.11E-06	7.94E-07	1.21E-05	7.57E-06	4.51E-05	7.16E-07	1.63E-05	2.23E-03	2.06E-04	2.65E-03
383	SG_383	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.900	9.19E-03	1.93E-02	2.65E-01	1.37E-02	5.01E-06	1.87E-02	2.95E-03	9.21E-04	1.80E-11	4.79E-04	1.28E-06	9.21E-07	1.40E-05	8.76E-06	5.22E-05	8.29E-07	1.88E-05	2.58E-03	2.38E-04	3.07E-03
384	SG_384	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6366.900	9.53E-03	2.00E-02	2.75E-01	1.43E-02	5.20E-06	2.03E-02	3.06E-03	9.55E-04	1.87E-11	4.97E-04	1.33E-06	9.55E-07	1.45E-05	9.09E-06	5.42E-05	8.60E-07	1.95E-05	2.67E-03	2.47E-04	3.18E-03
385	SG_385	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6366.900	8.85E-03	1.86E-02	2.55E-01	1.34E-02	4.83E-06	1.98E-02	2.84E-03	8.87E-04	1.74E-11	4.61E-04	1.23E-06	8.85E-07	1.35E-05	8.44E-06	5.03E-05	7.98E-07	1.81E-05	2.48E-03	2.30E-04	2.96E-03
386	SG_386	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6366.900	7.63E-03	1.60E-02	2.20E-01	1.14E-02	4.16E-06	1.74E-02	2.45E-03	7.65E-04	1.50E-11	3.98E-04	1.06E-06	7.57E-07	1.16E-05	7.27E-06	4.34E-05	6.88E-07	1.56E-05	2.14E-03	1.98E-04	2.55E-03
387	SG_387	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6366.900	7.22E-03	1.52E-02	2.08E-01	1.06E-02	3.92E-06	1.64E-02	2.32E-03	7.24E-04	1.42E-11	3.76E-04	9.97E-07	7.01E-07	1.10E-05	6.86E-06	4.10E-05	6.50E-07	1.48E-05	2.02E-03	1.87E-04	2.41E-03
388	SG_388	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6366.900	1.07E-02	2.25E-02	3.07E-01	1.55E-02	5.80E-06	2.31E-02	3.44E-03	1.07E-03	2.10E-11	5.57E-04	1.47E-06	1.02E-06	1.63E-05	1.01E-05	6.08E-05	9.62E-07	2.20E-05	3.00E-03	2.78E-04	3.57E-03
389	SG_389	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.900	1.59E-02	3.33E-02	4.56E-01	2.33E-02	8.59E-06	3.21E-02	5.10E-03	1.59E-03	3.11E-11	8.26E-04	2.17E-06	1.50E-06	2.42E-05	1.50E-05	9.03E-05	1.43E-06	3.26E-05	4.45E-03	4.12E-04	5.30E-03
390	SG_390	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.900	2.41E-02	5.06E-02	6.93E-01	3.47E-02	1.31E-05	4.41E-02	7.74E-03	2.42E-03	4.73E-11	1.25E-03	3.30E-06	2.29E-06	3.68E-05	2.28E-05	1.37E-04	2.17E-06	4.95E-05	6.76E-03	6.26E-04	8.06E-03
391	SG_391	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.900	3.09E-02	6.48E-02	8.88E-01	4.47E-02	1.67E-05	5.46E-02	9.91E-03	3.09E-03	6.05E-11	1.61E-03	4.23E-06	2.94E-06	4.70E-05	2.92E-05	1.75E-04	2.77E-06	6.34E-05	8.65E-03	8.01E-04	1.03E-02
393	SG_393	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.900	2.43E-02	5.09E-02	6.99E-01	3.59E-02	1.31E-05	4.20E-02	7.79E-03	2.43E-03	4.76E-11	1.26E-03	3.33E-06	2.31E-06	3.70E-05	2.30E-05	1.38E-04	2.18E-06	4.98E-05	6.80E-03	6.30E-04	8.10E-03
394	SG_394	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.900	1.95E-02	4.09E-02	5.61E-01	2.90E-02	1.06E-05	3.35E-02	6.26E-03	1.95E-03	3.82E-11	1.01E-03	2.67E-06	1.86E-06	2.97E-05	1.85E-05	1.11E-04	1.75E-06	4.00E-05	5.46E-03	5.06E-04	6.51E-03
395	SG_395	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.900	1.64E-02	3.45E-02	4.74E-01	2.45E-02	8.91E-06	2.80E-02	5.28E-03	1.65E-03	3.22E-11	8.56E-04	2.26E-06	1.57E-06	2.51E-05	1.56E-05	9.35E-05	1.48E-06	3.38E-05	4.61E-03	4.27E-04	5.49E-03
396	SG_396	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.900	1.43E-02	3.00E-02	4.13E-01	2.14E-02	7.75E-06	2.40E-02	4.59E-03	1.43E-03	2.81E-11	7.44E-04	1.96E-06	1.36E-06	2.18E-05	1.36E-05	8.13E-05	1.29E-06	2.94E-05	4.01E-03	3.71E-04	4.78E-03
397	SG_397	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6366.900	1.35E-02	2.84E-02	3.91E-01	2.04E-02	7.34E-06	2.25E-02	4.35E-03	1.36E-03	2.66E-11	7.05E-04	1.86E-06	1.29E-06	2.06E-05	1.28E-05	7.70E-05	1.22E-06	2.78E-05	3.80E-03	3.51E-04	4.53E-03
398	SG_398	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6366.900	1.09E-02	2.28E-02	3.14E-01	1.63E-02	5.89E-06	1.76E-02	3.49E-03	1.09E-03	2.13E-11	5.66E-04	1.49E-06	1.04E-06	1.66E-05	1.03E-05	6.18E-05	9.78E-07	2.23E-05	3.05E-03	2.82E-04	3.63E-03
399	SG_399	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.900	9.34E-03	1.96E-02	2.70E-01	1.40E-02	5.06E-06	1.48E-02	3.00E-03	9.36E-04	1.83E-11	4.86E-04	1.28E-06	8.92E-07	1.42E-05	8.85E-06	5.31E-05	8.40E-07	1.92E-05	2.62E-03	2.42E-04	3.12E-03
400	SG_400	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.900	8.06E-03	1.69E-02	2.33E-01	1.21E-02	4.37E-06	1.26E-02	2.59E-03	8.09E-04	1.58E-11	4.20E-04	1.11E-06	7.71E-07	1.23E-05	7.64E-06	4.59E-05	7.25E-07	1.66E-05	2.26E-03	2.09E-04	2.69E-03
401	SG_401	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.900	7.29E-03	1.53E-02	2.11E-01	1.09E-02	3.95E-06	1.11E-02	2.34E-03	7.31E-04	1.43E-11	3.79E-04	1.00E-06	6.97E-07	1.11E-05	6.91E-06	4.15E-05	6.56E-07	1.50E-05	2.04E-03	1.89E-04	2.44E-03
402	SG_402	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.900	6.56E-03	1.38E-02	1.90E-01	9.89E-03	3.56E-06	9.86E-03	2.11E-03	6.58E-04	1.29E-11	3.42E-04	9.02E-07	6.28E-07	1.00E-05	6.22E-06	3.73E-05	5.90E-07	1.35E-05	1.84E-03	1.70E-04	2.19E-03
403	SG_403	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.900	5.92E-03	1.24E-02	1.72E-01	8.95E-03	3.21E-06	8.75E-03	1.90E-03	5.94E-04	1.16E-11	3.08E-04	8.14E-07	5.67E-07	9.03E-06	5.62E-06	3.37E-05	5.33E-07	1.22E-05	1.66E-03	1.54E-04	1.98E-03
404	SG_404	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6367.100	2.01E-03	4.23E-03	5.86E-02	3.37E-03	1.10E-06	3.95E-03	6.47E-04	2.02E-04	3.95E-12	1.05E-04	2.79E-07	1.97E-07	3.07E-06	1.91E-06	1.15E-05	1.81E-07	4.14E-06	5.65E-04	5.23E-05	6.73E-04
405	SG_405	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6367.100	2.25E-03	4.73E-03	6.54E-02	3.80E-03	1.22E-06	4.58E-03	7.24E-04	2.26E-04	4.42E-12	1.17E-04	3.12E-07	2.20E-07	3.44E-06	2.14E-06	1.28E-05	2.03E-07	4.62E-06	6.32E-04	5.84E-05	7.53E-04
406	SG_406	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.100	2.49E-03	5.24E-03	7.23E-02	4.19E-03	1.35E-06	5.16E-03	8.01E-04	2.50E-04	4.89E-12	1.30E-04	3.45E-07	2.43E-07	3.80E-06	2.37E-06	1.42E-05	2.24E-07	5.12E-06	6.99E-04	6.47E-05	8.33E-04
407	SG_407	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6367.100	2.73E-03	5.75E-03	7.93E-02	4.51E-03	1.49E-06	5.67E-03	8.79E-04	2.74E-04	5.36E-12	1.42E-04	3.79E-07	2.67E-07	4.17E-06	2.60E-06	1.56E-05	2.46E-07	5.61E-06	7.67E-04	7.10E-05	9.14E-04
408	SG_408	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.100	3.01E-03	6.33E-03	8.72E-02	4.87E-03	1.64E-06	6.24E-03	9.67E-04	3.02E-04	5.90E-12	1.57E-04	4.17E-07	2.94E-07	4.59E-06	2.86E-06	1.71E-05	2.71E-07	6.18E-06	8.44E-04	7.81E-05	1.01E-03
409	SG_409	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.100	3.43E-03	7.22E-03	9.94E-02	5.54E-03	1.87E-06	7.23E-03	1.10E-03	3.44E-04	6.74E-12	1.79E-04	4.76E-07	3.36E-07	5.24E-06	3.27E-06	1.95E-05	3.09E-07	7.05E-06	9.63E-04	8.91E-05	1.15E-03
410	SG_410	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6367.100	4.04E-03	8.50E-03	1.17E-01	6.54E-03	2.20E-06	8.68E-03	1.30E-03	4.05E-04	7.93E-12	2.11E-04	5.61E-07	3.97E-07	6.17E-06	3.85E-06	2.30E-05	3.64E-07	8.30E-06	1.13E-03	1.05E-04	1.35E-03
411	SG_411	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6367.100	4.89E-03	1.03E-02	1.41E-01	7.82E-03	2.66E-06	1.05E-02	1.57E-03	4.91E-04	9.60E-12	2.55E-04	6.79E-07	4.82E-07	7.47E-06	4.66E-06	2.78E-05	4.41E-07	1.00E-05	1.37E-03	1.27E-04	1.64E-03
412	SG_412	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6367.100	5.94E-03	1.25E-02	1.71E-01	9.18E-03	3.24E-06	1.25E-02	1.91E-03	5.96E-04	1.17E-11	3.10E-04	8.26E-07	5.87E-07	9.07E-06	5.66E-06	3.38E-05	5.36E-07	1.22E-05	1.67E-03	1.54E-04	1.99E-03
413	SG_413	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6367.100	7.58E-03	1.59E-02	2.18E-01	1.15E-02	4.13E-06	1.58E-02	2.44E-03	7.60E-04	1.49E-11	3.95E-04	1.05E-06	7.51E-07	1.16E-05	7.22E-06	4.31E-05	6.83E-07	1.55E-05	2.13E-03	1.97E-04	2.53E-03
414	SG_414	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6367.100	1.01E-02	2.13E-02	2.92E-01	1.52E-02	5.53E-06	2.12E-02	3.26E-03	1.02E-03	1.99E-11	5.28E-04	1.41E-06	1.01E-06	1.55E-05	9.66E-06	5.77E-05	9.14E-07	2.08E-05	2.84E-03	2.63E-04	3.39E-03
415	SG_415	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.100	1.38E-02	2.90E-02	3.98E-01	2.07E-02	7.54E-06	2.99E-02	4.44E-03	1.39E-03	2.71E-11	7.21E-04	1.93E-06	1.38E-06	2.11E-05	1.32E-05	7.86E-05	1.25E-06	2.84E-05	3.88E-03	3.59E-04	4.62E-03
416	SG_416	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.100	1.70E-02	3.56E-02	4.88E-01	2.60E-02	9.25E-06	3.94E-02	5.45E-03	1.70E-03	3.33E-11	8.84E-04	2.37E-06	1.70E-06	2.59E-05	1.62E-05	9.64E-05	1.53E-06	3.48E-05	4.76E-03	4.40E-04	5.67E-03

AQIA DATA - SCENARIO 1 GRID MAX

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.124**	**0.260**	**3.550**	**0.199**	**6.74E-05**	**0.358**	**0.040**	**0.012**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**0.035**	**0.003**	**0.041**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
417	SG_417	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.100	1.46E-02	3.06E-02	4.19E-01	2.23E-02	7.95E-06	3.54E-02	4.68E-03	1.46E-03	2.86E-11	7.60E-04	2.03E-06	1.45E-06	2.22E-05	1.39E-05	8.29E-05	1.31E-06	2.99E-05	4.09E-03	3.78E-04	4.87E-03
418	SG_418	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6367.100	1.18E-02	2.48E-02	3.40E-01	1.76E-02	6.43E-06	2.83E-02	3.80E-03	1.19E-03	2.32E-11	6.16E-04	1.64E-06	1.15E-06	1.80E-05	1.12E-05	6.72E-05	1.07E-06	2.43E-05	3.32E-03	3.07E-04	3.95E-03
419	SG_419	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6367.100	1.93E-02	4.06E-02	5.55E-01	2.84E-02	1.05E-05	4.39E-02	6.21E-03	1.94E-03	3.79E-11	1.01E-03	2.65E-06	1.84E-06	2.95E-05	1.83E-05	1.10E-04	1.74E-06	3.97E-05	5.42E-03	5.02E-04	6.46E-03
420	SG_420	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6367.100	3.60E-02	7.56E-02	1.03E+00	5.22E-02	1.95E-05	7.27E-02	1.16E-02	3.61E-03	7.06E-11	1.87E-03	4.93E-06	3.42E-06	5.49E-05	3.41E-05	2.05E-04	3.24E-06	7.40E-05	1.01E-02	9.35E-04	1.20E-02
424	SG_424	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6367.100	2.55E-02	5.35E-02	7.33E-01	3.78E-02	1.38E-05	4.68E-02	8.18E-03	2.55E-03	5.00E-11	1.33E-03	3.49E-06	2.43E-06	3.88E-05	2.41E-05	1.45E-04	2.29E-06	5.23E-05	7.14E-03	6.61E-04	8.51E-03
425	SG_425	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.100	1.94E-02	4.08E-02	5.59E-01	2.89E-02	1.05E-05	3.51E-02	6.24E-03	1.95E-03	3.81E-11	1.01E-03	2.66E-06	1.85E-06	2.96E-05	1.84E-05	1.10E-04	1.75E-06	3.99E-05	5.44E-03	5.04E-04	6.49E-03
426	SG_426	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.100	1.56E-02	3.28E-02	4.51E-01	2.33E-02	8.47E-06	2.77E-02	5.02E-03	1.57E-03	3.07E-11	8.14E-04	2.15E-06	1.49E-06	2.38E-05	1.48E-05	8.89E-05	1.41E-06	3.21E-05	4.38E-03	4.06E-04	5.22E-03
427	SG_427	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.100	1.32E-02	2.76E-02	3.80E-01	1.97E-02	7.13E-06	2.29E-02	4.23E-03	1.32E-03	2.58E-11	6.85E-04	1.81E-06	1.26E-06	2.01E-05	1.25E-05	7.49E-05	1.18E-06	2.70E-05	3.69E-03	3.42E-04	4.40E-03
428	SG_428	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.100	1.11E-02	2.33E-02	3.21E-01	1.67E-02	6.02E-06	1.89E-02	3.57E-03	1.11E-03	2.18E-11	5.78E-04	1.53E-06	1.06E-06	1.69E-05	1.05E-05	6.31E-05	9.99E-07	2.28E-05	3.11E-03	2.88E-04	3.71E-03
429	SG_429	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.100	9.25E-03	1.94E-02	2.67E-01	1.39E-02	5.02E-06	1.54E-02	2.97E-03	9.28E-04	1.81E-11	4.82E-04	1.27E-06	8.85E-07	1.41E-05	8.77E-06	5.26E-05	8.32E-07	1.90E-05	2.59E-03	2.40E-04	3.09E-03
430	SG_430	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.100	7.90E-03	1.66E-02	2.29E-01	1.19E-02	4.29E-06	1.29E-02	2.54E-03	7.93E-04	1.55E-11	4.12E-04	1.09E-06	7.56E-07	1.21E-05	7.49E-06	4.50E-05	7.11E-07	1.62E-05	2.22E-03	2.05E-04	2.64E-03
431	SG_431	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.100	6.87E-03	1.44E-02	1.99E-01	1.04E-02	3.73E-06	1.10E-02	2.21E-03	6.89E-04	1.35E-11	3.58E-04	9.45E-07	6.58E-07	1.05E-05	6.52E-06	3.91E-05	6.18E-07	1.41E-05	1.93E-03	1.78E-04	2.30E-03
432	SG_432	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.100	6.20E-03	1.30E-02	1.80E-01	9.42E-03	3.36E-06	9.73E-03	1.99E-03	6.22E-04	1.22E-11	3.23E-04	8.53E-07	5.94E-07	9.46E-06	5.88E-06	3.53E-05	5.58E-07	1.27E-05	1.74E-03	1.61E-04	2.07E-03
433	SG_433	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6367.100	5.61E-03	1.18E-02	1.63E-01	8.56E-03	3.04E-06	8.65E-03	1.80E-03	5.62E-04	1.10E-11	2.92E-04	7.71E-07	5.38E-07	8.55E-06	5.32E-06	3.19E-05	5.05E-07	1.15E-05	1.57E-03	1.46E-04	1.87E-03
434	SG_434	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.100	5.00E-03	1.05E-02	1.45E-01	7.65E-03	2.71E-06	7.57E-03	1.61E-03	5.02E-04	9.81E-12	2.60E-04	6.88E-07	4.80E-07	7.63E-06	4.74E-06	2.84E-05	4.50E-07	1.03E-05	1.40E-03	1.30E-04	1.67E-03
435	SG_435	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6367.300	2.12E-03	4.47E-03	6.18E-02	3.59E-03	1.15E-06	4.23E-03	6.83E-04	2.13E-04	4.17E-12	1.11E-04	2.94E-07	2.07E-07	3.24E-06	2.02E-06	1.21E-05	1.91E-07	4.36E-06	5.96E-04	5.51E-05	7.10E-04
436	SG_436	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6367.300	2.30E-03	4.84E-03	6.68E-02	3.84E-03	1.25E-06	4.63E-03	7.39E-04	2.31E-04	4.51E-12	1.20E-04	3.18E-07	2.24E-07	3.51E-06	2.19E-06	1.31E-05	2.07E-07	4.73E-06	6.45E-04	5.97E-05	7.69E-04
437	SG_437	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.300	2.50E-03	5.25E-03	7.25E-02	4.10E-03	1.36E-06	5.07E-03	8.03E-04	2.50E-04	4.90E-12	1.30E-04	3.45E-07	2.43E-07	3.81E-06	2.37E-06	1.42E-05	2.25E-07	5.13E-06	7.00E-04	6.48E-05	8.35E-04
438	SG_438	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6367.300	2.84E-03	5.98E-03	8.24E-02	4.69E-03	1.55E-06	5.95E-03	9.14E-04	2.85E-04	5.58E-12	1.48E-04	3.93E-07	2.77E-07	4.34E-06	2.70E-06	1.62E-05	2.56E-07	5.84E-06	7.97E-04	7.38E-05	9.50E-04
439	SG_439	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.300	3.24E-03	6.82E-03	9.39E-02	5.39E-03	1.76E-06	7.03E-03	1.04E-03	3.25E-04	6.36E-12	1.69E-04	4.49E-07	3.16E-07	4.95E-06	3.08E-06	1.85E-05	2.92E-07	6.66E-06	9.10E-04	8.42E-05	1.08E-03
440	SG_440	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.300	3.50E-03	7.35E-03	1.01E-01	5.64E-03	1.90E-06	7.51E-03	1.12E-03	3.51E-04	6.86E-12	1.82E-04	4.84E-07	3.41E-07	5.33E-06	3.32E-06	1.99E-05	3.15E-07	7.18E-06	9.81E-04	9.07E-05	1.17E-03
441	SG_441	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6367.300	4.04E-03	8.49E-03	1.17E-01	6.50E-03	2.20E-06	8.87E-03	1.30E-03	4.05E-04	7.92E-12	2.10E-04	5.59E-07	3.94E-07	6.16E-06	3.84E-06	2.30E-05	3.64E-07	8.29E-06	1.13E-03	1.05E-04	1.35E-03
442	SG_442	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6367.300	4.80E-03	1.01E-02	1.39E-01	7.67E-03	2.61E-06	1.07E-02	1.54E-03	4.82E-04	9.42E-12	2.50E-04	6.65E-07	4.69E-07	7.33E-06	4.57E-06	2.73E-05	4.33E-07	9.86E-06	1.35E-03	1.25E-04	1.61E-03
443	SG_443	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6367.300	5.76E-03	1.21E-02	1.66E-01	8.99E-03	3.13E-06	1.29E-02	1.85E-03	5.77E-04	1.13E-11	3.00E-04	7.97E-07	5.63E-07	8.78E-06	5.47E-06	3.27E-05	5.19E-07	1.18E-05	1.61E-03	1.49E-04	1.92E-03
444	SG_444	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6367.300	7.24E-03	1.52E-02	2.08E-01	1.12E-02	3.94E-06	1.64E-02	2.33E-03	7.26E-04	1.42E-11	3.77E-04	1.00E-06	7.09E-07	1.10E-05	6.88E-06	4.12E-05	6.52E-07	1.49E-05	2.03E-03	1.88E-04	2.42E-03
445	SG_445	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6367.300	9.79E-03	2.06E-02	2.82E-01	1.52E-02	5.32E-06	2.27E-02	3.14E-03	9.81E-04	1.92E-11	5.10E-04	1.36E-06	9.61E-07	1.49E-05	9.31E-06	5.57E-05	8.82E-07	2.01E-05	2.74E-03	2.54E-04	3.27E-03
446	SG_446	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.300	1.41E-02	2.97E-02	4.06E-01	2.17E-02	7.69E-06	3.27E-02	4.54E-03	1.42E-03	2.77E-11	7.36E-04	1.96E-06	1.39E-06	2.16E-05	1.34E-05	8.04E-05	1.27E-06	2.90E-05	3.96E-03	3.67E-04	4.72E-03
447	SG_447	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.300	2.35E-02	4.92E-02	6.74E-01	3.56E-02	1.28E-05	5.45E-02	7.54E-03	2.35E-03	4.60E-11	1.22E-03	3.27E-06	2.33E-06	3.58E-05	2.23E-05	1.33E-04	2.11E-06	4.81E-05	6.58E-03	6.08E-04	7.84E-03
448	SG_448	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.300	3.48E-02	7.31E-02	1.00E+00	5.26E-02	1.90E-05	8.44E-02	1.12E-02	3.49E-03	6.83E-11	1.82E-03	4.85E-06	3.47E-06	5.31E-05	3.32E-05	1.98E-04	3.14E-06	7.14E-05	9.76E-03	9.03E-04	1.16E-02
450	SG_450	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6367.300	5.24E-02	1.10E-01	1.50E+00	7.81E-02	2.84E-05	1.24E-01	1.68E-02	5.26E-03	1.03E-10	2.73E-03	7.19E-06	4.98E-06	7.99E-05	4.97E-05	2.98E-04	4.71E-06	1.08E-04	1.47E-02	1.36E-03	1.75E-02
456	SG_456	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.300	1.62E-02	3.40E-02	4.66E-01	2.43E-02	8.78E-06	3.05E-02	5.20E-03	1.62E-03	3.18E-11	8.43E-04	2.22E-06	1.55E-06	2.47E-05	1.53E-05	9.21E-05	1.46E-06	3.33E-05	4.54E-03	4.20E-04	5.41E-03
457	SG_457	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.300	1.28E-02	2.68E-02	3.68E-01	1.93E-02	6.91E-06	2.34E-02	4.10E-03	1.28E-03	2.50E-11	6.64E-04	1.75E-06	1.22E-06	1.94E-05	1.21E-05	7.25E-05	1.15E-06	2.62E-05	3.58E-03	3.31E-04	4.26E-03
458	SG_458	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.300	1.06E-02	2.23E-02	3.07E-01	1.62E-02	5.77E-06	1.91E-02	3.42E-03	1.07E-03	2.09E-11	5.54E-04	1.46E-06	1.02E-06	1.62E-05	1.01E-05	6.05E-05	9.57E-07	2.19E-05	2.98E-03	2.76E-04	3.55E-03
459	SG_459	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.300	9.23E-03	1.94E-02	2.67E-01	1.41E-02	5.01E-06	1.62E-02	2.97E-03	9.26E-04	1.81E-11	4.81E-04	1.27E-06	8.85E-07	1.41E-05	8.75E-06	5.25E-05	8.31E-07	1.90E-05	2.59E-03	2.40E-04	3.09E-03
460	SG_460	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.300	8.16E-03	1.71E-02	2.36E-01	1.25E-02	4.42E-06	1.41E-02	2.62E-03	8.18E-04	1.60E-11	4.25E-04	1.12E-06	7.82E-07	1.24E-05	7.74E-06	4.64E-05	7.34E-07	1.68E-05	2.29E-03	2.12E-04	2.73E-03
461	SG_461	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.300	6.70E-03	1.41E-02	1.94E-01	1.03E-02	3.64E-06	1.12E-02	2.15E-03	6.72E-04	1.32E-11	3.49E-04	9.22E-07	6.43E-07	1.02E-05	6.36E-06	3.81E-05	6.03E-07	1.38E-05	1.88E-03	1.74E-04	2.24E-03
462	SG_462	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.300	5.89E-03	1.24E-02	1.71E-01	9.09E-03	3.20E-06	9.66E-03	1.89E-03	5.91E-04	1.16E-11	3.07E-04	8.11E-07	5.66E-07	8.98E-06	5.59E-06	3.35E-05	5.30E-07	1.21E-05	1.65E-03	1.53E-04	1.97E-03
463	SG_463	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.300	5.25E-03	1.10E-02	1.53E-01	8.13E-03	2.85E-06	8.42E-03	1.69E-03	5.26E-04	1.03E-11	2.73E-04	7.22E-07	5.04E-07	8.01E-06	4.98E-06	2.99E-05	4.72E-07	1.08E-05	1.47E-03	1.36E-04	1.75E-03
464	SG_464	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6367.300	4.60E-03	9.67E-03	1.34E-01	7.14E-03	2.50E-06	7.23E-03	1.48E-03	4.62E-04	9.03E-12	2.40E-04	6.34E-07	4.43E-07	7.02E-06	4.37E-06	2.62E-05	4.14E-07	9.46E-06	1.29E-03	1.20E-04	1.54E-03
465	SG_465	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.300	4.11E-03	8.64E-03	1.20E-01	6.39E-03	2.23E-06	6.32E-03	1.32E-03	4.12E-04	8.07E-12	2.14E-04	5.66E-07	3.96E-07	6.27E-06	3.90E-06	2.34E-05	3.70E-07	8.45E-06	1.15E-03	1.07E-04	1.37E-03
466	SG_466	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6367.500	2.10E-03	4.42E-03	6.11E-02	3.56E-03	1.14E-06	4.17E-03	6.75E-04	2.11E-04	4.12E-12	1.09E-04	2.90E-07	2.04E-07	3.21E-06	2.00E-06	1.20E-05	1.89E-07	4.32E-06	5.89E-04	5.45E-05	7.02E-04
467	SG_467	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6367.500	2.23E-03	4.69E-03	6.48E-02	3.69E-03	1.21E-06	4.43E-03	7.17E-04	2.24E-04	4.37E-12	1.16E-04	3.08E-07	2.17E-07	3.40E-06	2.12E-06	1.27E-05	2.01E-07	4.58E-06	6.25E-04	5.79E-05	7.45E-04
468	SG_468	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6367.500	2.54E-03	5.35E-03	7.38E-02	4.25E-03	1.38E-06	5.23E-03	8.17E-04	2.55E-04	4.99E-12	1.32E-04	3.51E-07	2.47E-07	3.88E-06	2.42E-06	1.45E-05	2.29E-07	5.22E-06	7.13E-04	6.60E-05	8.50E-04
469	SG_469	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6367.500	2.91E-03	6.11E-03	8.43E-02	4.91E-03	1.58E-06	6.22E-03	9.35E-04	2.92E-04	5.71E-12	1.52E-04	4.02E-07	2.83E-07	4.44E-06	2.76E-06	1.65E-05	2.62E-07	5.98E-06	8.16E-04	7.55E-05	9.72E-04
470	SG_470	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.500	3.11E-03	6.53E-03	8.99E-02	5.08E-03	1.69E-06	6.57E-03	9.98E-04	3.11E-04	6.09E-12	1.62E-04	4.29E-07	3.02E-07	4.74E-06	2.95E-06	1.77E-05	2.80E-07	6.38E-06	8.71E-04	8.06E-05	1.04E-03
471	SG_471	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.500	3.45E-03	7.25E-03	9.98E-02	5.56E-03	1.88E-06	7.37E-03	1.11E-03	3.46E-04	6.77E-12	1.80E-04	4.77E-07	3.36E-07	5.26E-06	3.28E-06	1.96E-05	3.11E-07	7.08E-06	9.67E-04	8.95E-05	1.15E-03
472	SG_472	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6367.500	3.88E-03	8.16E-03	1.12E-01	6.16E-03	2.11E-06	8.38E-03	1.25E-03	3.90E-04	7.62E-12	2.02E-04	5.37E-07	3.79E-07	5.93E-06	3.69E-06	2.21E-05	3.50E-07	7.98E-06	1.09E-03	1.01E-04	1.30E-03
473	SG_473	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6367.500	4.66E-03	9.80E-03	1.35E-01	7.39E-03	2.53E-06	1.03E-02	1.50E-03	4.68E-04	9.15E-12	2.43E-04	6.45E-07	4.54E-07	7.11E-06	4.43E-06	2.65E-05	4.20E-07	9.57E-06	1.31E-03	1.21E-04	1.56E-03
474	SG_474	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6367.500	5.81E-03	1.22E-02	1.67E-01	9.23E-03	3.16E-06	1.33E-02	1.87E-03	5.83E-04	1.14E-11	3.03E-04	8.03E-07	5.66E-07	8.86E-06	5.52E-06	3.30E-05	5.23E-07	1.19E-05	1.63E-03	1.51E-04	1.94E-03
475	SG_475	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6367.500	7.51E-03	1.58E-02	2.16E-01	1.20E-02	4.08E-06	1.79E-02	2.41E-03	7.53E-04	1.47E-11	3.91E-04	1.04E-06	7.32E-07	1.15E-05	7.14E-06	4.27E-05	6.77E-07	1.54E-05	2.11E-03	1.95E-04	2.51E-03
476	SG_476	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6367.500	1.02E-02	2.14E-02	2.93E-01	1.64E-02	5.53E-06	2.53E-02	3.27E-03	1.02E-03	2.00E-11	5.30E-04	1.41E-06	9.91E-07	1.55E-05	9.67E-06	5.79E-05	9.16E-07	2.09E-05	2.85E-03	2.64E-04	3.40E-03
477	SG_477	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.500	1.45E-02	3.05E-02	4.17E-01	2.29E-02	7.88E-06	3.62E-02	4.66E-03	1.45E-03	2.84E-11	7.55E-04	2.01E-06	1.42E-06	2.21E-05	1.38E-05	8.25E-05	1.31E-06	2.98E-05	4.07E-03	3.76E-04	4.85E-03
478	SG_478	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.500	2.44E-02	5.12E-02	6.99E-01	3.76E-02	1.32E-05	6.14E-02	7.83E-03	2.44E-03	4.78E-11	1.27E-03	3.37E-06	2.38E-06	3.72E-05	2.32E-05	1.39E-04	2.19E-06	5.00E-05	6.83E-03	6.32E-04	8.14E-03
479	SG_479	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.500	5.20E-02	1.09E-01	1.49E+00	8.00E-02	2.83E-05	1.34E-01	1.67E-02	5.21E-03	1.02E-10	2.71E-03	7.21E-06	5.10E-06	7.94E-05	4.95E-05	2.96E-04	4.69E-06	1.07E-04	1.46E-02	1.35E-03	1.74E-02
487	SG_487	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.500	1.21E-02	2.54E-02	3.48E-01	1.87E-02	6.55E-06	2.35E-02	3.88E-03	1.21E-03	2.37E-11	6.29E-04	1.66E-06	1.16E-06	1.84E-05	1.15E-05	6.88E-05	1.09E-06	2.48E-05	3.39E-03	3.14E-04	4.04E-03
488	SG_488	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.500	9.61E-03	2.02E-02	2.77E-01	1.49E-02	5.21E-06	1.81E-02	3.09E-03	9.63E-04	1.88E-11	5.00E-04	1.32E-06	9.21E-07	1.47E-05	9.11E-06	5.46E-05	8.64E-07	1.97E-05	2.69E-03	2.49E-04	3.21E-03
489	SG_489	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.500	8.26E-03	1.73E-02	2.39E-01	1.29E-02	4.48E-06	1.52E-02	2.65E-03	8.28E-04	1.62E-11	4.30E-04	1.14E-06	7.92E-07	1.26E-05	7.83E-06	4.70E-05	7.43E-07	1.70E-05	2.32E-03	2.14E-04	2.76E-03
490	SG_490	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.500	7.83E-03	1.65E-02	2.27E-01	1.23E-02	4.25E-06	1.42E-02	2.52E-03	7.85E-04	1.54E-11	4.08E-04	1.08E-06	7.53E-07	1.19E-05	7.43E-06	4.45E-05	7.05E-07	1.61E-05	2.20E-03	2.03E-04	2.62E-03
491	SG_491	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.500	6.73E-03	1.41E-02	1.95E-01	1.06E-02	3.65E-06	1.18E-02	2.16E-03	6.75E-04	1.32E-11	3.51E-04	9.27E-07	6.47E-07	1.03E-05	6.39E-06	3.83E-05	6.06E-07	1.38E-05	1.89E-03	1.75E-04	2.25E-03
492	SG_492	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.500	5.44E-03	1.14E-02	1.58E-01	8.55E-03	2.95E-06	9.22E-03	1.75E-03	5.45E-04	1.07E-11	2.83E-04	7.48E-07	5.23E-07	8.29E-06	5.16E-06	3.09E-05	4.89E-07	1.12E-05	1.52E-03	1.41E-04	1.82E-03
493	SG_493	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.500	4.85E-03	1.02E-02	1.41E-01	7.64E-03	2.63E-06	8.01E-03	1.56E-03	4.86E-04	9.51E-12	2.52E-04	6.67E-07	4.66E-07	7.39E-06	4.60E-06	2.76E-05	4.36E-07	9.96E-06	1.36E-03	1.26E-04	1.62E-03
494	SG_494	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.500	4.33E-03	9.10E-03	1.26E-01	6.85E-03	2.35E-06	6.99E-03	1.39E-03	4.34E-04	8.50E-12	2.26E-04	5.96E-07	4.17E-07	6.61E-06	4.11E-06	2.46E-05	3.90E-07	8.90E-06	1.21E-03	1.12E-04	1.45E-03
495	SG_495	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6367.500	3.83E-03	8.06E-03	1.12E-01	6.07E-03	2.08E-06	6.03E-03	1.23E-03	3.84E-04	7.52E-12	2.00E-04	5.28E-07	3.69E-07	5.85E-06	3.64E-06	2.18E-05	3.45E-07	7.88E-06	1.08E-03	9.95E-05	1.28E-03
496	SG_496	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.500	3.50E-03	7.36E-03	1.02E-01	5.55E-03	1.90E-06	5.38E-03	1.12E-03	3.51E-04	6.87E-12	1.82E-04	4.82E-07	3.37E-07	5.34E-06	3.32E-06	1.99E-05	3.15E-07	7.19E-06	9.82E-04	9.09E-05	1.17E-03
497	SG_497	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6367.700	2.00E-03	4.20E-03	5.82E-02	3.38E-03	1.09E-06	3.92E-03	6.43E-04	2.01E-04	3.92E-12	1.04E-04	2.76E-07	1.94E-07	3.05E-06	1.90E-06	1.14E-05	1.80E-07	4.11E-06	5.61E-04	5.19E-05	6.68E-04
498	SG_498	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6367.700	2.23E-03	4.69E-03	6.49E-02	3.77E-03	1.21E-06	4.50E-03	7.18E-04	2.24E-04	4.38E-12	1.16E-04	3.08E-07	2.17E-07	3.41E-06	2.12E-06	1.27E-05	2.01E-07	4.59E-06	6.26E-04	5.80E-05	7.46E-04
499	SG_499	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.700	2.48E-03	5.20E-03	7.19E-02	4.17E-03	1.35E-06	5.10E-03	7.96E-04	2.48E-04	4.86E-12	1.29E-04	3.42E-07	2.40E-07	3.78E-06	2.35E-06	1.41E-05	2.23E-07	5.08E-06	6.94E-04	6.43E-05	8.27E-04
500	SG_500	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6367.700	2.72E-03	5.72E-03	7.89E-02	4.53E-03	1.48E-06	5.68E-03	8.75E-04	2.73E-04	5.34E-12	1.42E-04	3.76E-07	2.64E-07	4.15E-06	2.59E-06	1.55E-05	2.45E-07	5.59E-06	7.63E-04	7.06E-05	9.10E-04
501	SG_501	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.700	2.95E-03	6.21E-03	8.56E-02	4.81E-03	1.60E-06	6.19E-03	9.49E-04	2.96E-04	5.79E-12	1.54E-04	4.08E-07	2.87E-07	4.50E-06	2.81E-06	1.68E-05	2.66E-07	6.06E-06	8.28E-04	7.66E-05	9.87E-04
502	SG_502	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.700	3.36E-03	7.07E-03	9.73E-02	5.45E-03	1.83E-06	7.21E-03	1.08E-03	3.37E-04	6.60E-12	1.75E-04	4.65E-07	3.27E-07	5.13E-06	3.19E-06	1.91E-05	3.03E-07	6.91E-06	9.43E-04	8.73E-05	1.12E-03
503	SG_503	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6367.700	3.85E-03	8.09E-03	1.11E-01	6.20E-03	2.09E-06	8.42E-03	1.24E-03	3.86E-04	7.55E-12	2.01E-04	5.32E-07	3.74E-07	5.87E-06	3.66E-06	2.19E-05	3.47E-07	7.91E-06	1.08E-03	9.99E-05	1.29E-03
504	SG_504	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6367.700	4.79E-03	1.01E-02	1.38E-01	7.88E-03	2.60E-06	1.11E-02	1.54E-03	4.80E-04	9.40E-12	2.50E-04	6.62E-07	4.65E-07	7.31E-06	4.55E-06	2.72E-05	4.31E-07	9.84E-06	1.34E-03	1.24E-04	1.60E-03
505	SG_505	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6367.700	5.85E-03	1.23E-02	1.69E-01	9.58E-03	3.18E-06	1.39E-02	1.88E-03	5.87E-04	1.15E-11	3.05E-04	8.08E-07	5.68E-07	8.92E-06	5.56E-06	3.33E-05	5.27E-07	1.20E-05	1.64E-03	1.52E-04	1.96E-03
506	SG_506	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6367.700	7.39E-03	1.55E-02	2.13E-01	1.20E-02	4.01E-06	1.80E-02	2.37E-03	7.41E-04	1.45E-11	3.85E-04	1.02E-06	7.17E-07	1.13E-05	7.02E-06	4.20E-05	6.65E-07	1.52E-05	2.07E-03	1.92E-04	2.47E-03
507	SG_507	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6367.700	9.81E-03	2.06E-02	2.82E-01	1.57E-02	5.33E-06	2.42E-02	3.15E-03	9.83E-04	1.92E-11	5.11E-04	1.36E-06	9.53E-07	1.50E-05	9.32E-06	5.58E-05	8.83E-07	2.01E-05	2.75E-03	2.55E-04	3.28E-03
508	SG_508	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.700	1.40E-02	2.95E-02	4.03E-01	2.20E-02	7.62E-06	3.49E-02	4.51E-03	1.41E-03	2.75E-11	7.31E-04	1.94E-06	1.37E-06	2.14E-05	1.33E-05	7.98E-05	1.26E-06	2.88E-05	3.93E-03	3.64E-04	4.69E-03
509	SG_509	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.700	2.39E-02	5.02E-02	6.85E-01	3.76E-02	1.30E-05	6.16E-02	7.67E-03	2.39E-03	4.68E-11	1.24E-03	3.30E-06	2.33E-06	3.64E-05	2.27E-05	1.36E-04	2.15E-06	4.90E-05	6.70E-03	6.20E-04	7.98E-03
510	SG_510	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.700	4.81E-02	1.01E-01	1.38E+00	7.81E-02	2.62E-05	1.33E-01	1.55E-02	4.82E-03	9.43E-11	2.51E-03	6.66E-06	4.70E-06	7.34E-05	4.57E-05	2.74E-04	4.33E-06	9.87E-05	1.35E-02	1.25E-03	1.61E-02
511	SG_511	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6367.700	1.08E-01	2.27E-01	3.10E+00	1.76E-01	5.89E-05	3.14E-01	3.48E-02	1.09E-02	2.12E-10	5.64E-03	1.50E-05	1.06E-05	1.65E-04	1.03E-04	6.16E-04	9.75E-06	2.22E-04	3.04E-02	2.81E-03	3.62E-02
518	SG_518	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.700	9.14E-03	1.92E-02	2.64E-01	1.46E-02	4.95E-06	1.78E-02	2.94E-03	9.16E-04	1.79E-11	4.76E-04	1.26E-06	8.74E-07	1.39E-05	8.66E-06	5.20E-05	8.22E-07	1.88E-05	2.56E-03	2.37E-04	3.05E-03
519	SG_519	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.700	7.47E-03	1.57E-02	2.16E-01	1.19E-02	4.05E-06	1.41E-02	2.40E-03	7.49E-04	1.46E-11	3.89E-04	1.03E-06	7.15E-07	1.14E-05	7.08E-06	4.25E-05	6.72E-07	1.53E-05	2.09E-03	1.94E-04	2.50E-03
520	SG_520	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.700	6.53E-03	1.37E-02	1.89E-01	1.05E-02	3.54E-06	1.20E-02	2.10E-03	6.55E-04	1.28E-11	3.40E-04	8.98E-07	6.26E-07	9.96E-06	6.19E-06	3.71E-05	5.88E-07	1.34E-05	1.83E-03	1.69E-04	2.18E-03
521	SG_521	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.700	6.05E-03	1.27E-02	1.75E-01	9.74E-03	3.28E-06	1.09E-02	1.94E-03	6.07E-04	1.19E-11	3.15E-04	8.33E-07	5.81E-07	9.23E-06	5.74E-06	3.44E-05	5.45E-07	1.24E-05	1.70E-03	1.57E-04	2.02E-03

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 1 GRID MAX

Annual Average Pollutant Concentration (µg/m3) - Regain Contribution

All Pollutants

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.124**	**0.260**	**3.550**	**0.199**	**6.74E-05**	**0.358**	**0.040**	**0.012**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**0.035**	**0.003**	**0.041**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
522	SG_522	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.700	5.53E-03	1.16E-02	1.61E-01	8.92E-03	3.00E-06	9.69E-03	1.78E-03	5.55E-04	1.08E-11	2.88E-04	7.61E-07	5.31E-07	8.43E-06	5.25E-06	3.15E-05	4.98E-07	1.14E-05	1.55E-03	1.44E-04	1.85E-03
523	SG_523	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.700	4.90E-03	1.03E-02	1.43E-01	7.92E-03	2.66E-06	8.35E-03	1.57E-03	4.91E-04	9.61E-12	2.55E-04	6.75E-07	4.71E-07	7.48E-06	4.65E-06	2.79E-05	4.41E-07	1.01E-05	1.37E-03	1.27E-04	1.64E-03
524	SG_524	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.700	4.20E-03	8.83E-03	1.22E-01	6.80E-03	2.28E-06	6.93E-03	1.35E-03	4.21E-04	8.24E-12	2.19E-04	5.78E-07	4.04E-07	6.41E-06	3.99E-06	2.39E-05	3.78E-07	8.63E-06	1.18E-03	1.09E-04	1.40E-03
525	SG_525	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.700	3.86E-03	8.12E-03	1.13E-01	6.26E-03	2.10E-06	6.22E-03	1.24E-03	3.87E-04	7.58E-12	2.01E-04	5.32E-07	3.72E-07	5.89E-06	3.66E-06	2.20E-05	3.48E-07	7.93E-06	1.08E-03	1.00E-04	1.29E-03
526	SG_526	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6367.700	3.41E-03	7.18E-03	9.98E-02	5.54E-03	1.85E-06	5.36E-03	1.10E-03	3.42E-04	6.70E-12	1.78E-04	4.70E-07	3.29E-07	5.21E-06	3.24E-06	1.94E-05	3.07E-07	7.02E-06	9.58E-04	8.86E-05	1.14E-03
527	SG_527	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.700	3.13E-03	6.57E-03	9.15E-02	5.08E-03	1.70E-06	4.79E-03	1.00E-03	3.14E-04	6.13E-12	1.63E-04	4.31E-07	3.01E-07	4.77E-06	2.97E-06	1.78E-05	2.81E-07	6.42E-06	8.77E-04	8.11E-05	1.04E-03
528	SG_528	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6367.900	1.99E-03	4.19E-03	5.81E-02	3.40E-03	1.08E-06	3.91E-03	6.41E-04	2.00E-04	3.91E-12	1.04E-04	2.75E-07	1.93E-07	3.04E-06	1.89E-06	1.13E-05	1.80E-07	4.10E-06	5.59E-04	5.18E-05	6.67E-04
529	SG_529	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6367.900	2.27E-03	4.77E-03	6.59E-02	3.90E-03	1.23E-06	4.61E-03	7.29E-04	2.27E-04	4.45E-12	1.18E-04	3.13E-07	2.20E-07	3.46E-06	2.15E-06	1.29E-05	2.04E-07	4.66E-06	6.36E-04	5.89E-05	7.58E-04
530	SG_530	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.900	2.46E-03	5.17E-03	7.14E-02	4.16E-03	1.33E-06	5.05E-03	7.90E-04	2.46E-04	4.82E-12	1.28E-04	3.39E-07	2.38E-07	3.75E-06	2.33E-06	1.40E-05	2.21E-07	5.05E-06	6.89E-04	6.38E-05	8.21E-04
531	SG_531	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6367.900	2.72E-03	5.71E-03	7.88E-02	4.55E-03	1.48E-06	5.67E-03	8.73E-04	2.72E-04	5.33E-12	1.41E-04	3.75E-07	2.63E-07	4.14E-06	2.58E-06	1.55E-05	2.45E-07	5.58E-06	7.62E-04	7.05E-05	9.08E-04
532	SG_532	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.900	3.05E-03	6.40E-03	8.82E-02	5.06E-03	1.65E-06	6.47E-03	9.79E-04	3.05E-04	5.97E-12	1.59E-04	4.20E-07	2.95E-07	4.65E-06	2.89E-06	1.73E-05	2.74E-07	6.25E-06	8.54E-04	7.90E-05	1.02E-03
533	SG_533	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.900	3.39E-03	7.12E-03	9.81E-02	5.56E-03	1.84E-06	7.28E-03	1.09E-03	3.40E-04	6.65E-12	1.77E-04	4.68E-07	3.29E-07	5.17E-06	3.22E-06	1.93E-05	3.05E-07	6.96E-06	9.51E-04	8.80E-05	1.13E-03
534	SG_534	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6367.900	3.86E-03	8.11E-03	1.12E-01	6.28E-03	2.10E-06	8.45E-03	1.24E-03	3.87E-04	7.57E-12	2.01E-04	5.33E-07	3.75E-07	5.89E-06	3.67E-06	2.20E-05	3.48E-07	7.93E-06	1.08E-03	1.00E-04	1.29E-03
535	SG_535	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6367.900	4.67E-03	9.82E-03	1.35E-01	7.68E-03	2.54E-06	1.06E-02	1.50E-03	4.69E-04	9.17E-12	2.43E-04	6.45E-07	4.53E-07	7.13E-06	4.44E-06	2.66E-05	4.21E-07	9.60E-06	1.31E-03	1.21E-04	1.56E-03
536	SG_536	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6367.900	5.61E-03	1.18E-02	1.62E-01	9.16E-03	3.05E-06	1.31E-02	1.80E-03	5.62E-04	1.10E-11	2.92E-04	7.75E-07	5.44E-07	8.56E-06	5.33E-06	3.19E-05	5.05E-07	1.15E-05	1.57E-03	1.46E-04	1.87E-03
537	SG_537	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6367.900	6.96E-03	1.46E-02	2.00E-01	1.13E-02	3.78E-06	1.65E-02	2.23E-03	6.97E-04	1.36E-11	3.62E-04	9.60E-07	6.75E-07	1.06E-05	6.61E-06	3.96E-05	6.26E-07	1.43E-05	1.95E-03	1.80E-04	2.32E-03
538	SG_538	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6367.900	8.84E-03	1.86E-02	2.54E-01	1.42E-02	4.80E-06	2.11E-02	2.84E-03	8.86E-04	1.73E-11	4.60E-04	1.22E-06	8.59E-07	1.35E-05	8.40E-06	5.03E-05	7.96E-07	1.81E-05	2.48E-03	2.29E-04	2.95E-03
539	SG_539	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.900	1.22E-02	2.56E-02	3.50E-01	1.97E-02	6.62E-06	3.01E-02	3.92E-03	1.22E-03	2.39E-11	6.35E-04	1.68E-06	1.19E-06	1.86E-05	1.16E-05	6.93E-05	1.10E-06	2.50E-05	3.42E-03	3.16E-04	4.07E-03
540	SG_540	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.900	1.88E-02	3.94E-02	5.39E-01	3.13E-02	1.02E-05	4.92E-02	6.03E-03	1.88E-03	3.68E-11	9.77E-04	2.59E-06	1.83E-06	2.86E-05	1.78E-05	1.07E-04	1.69E-06	3.85E-05	5.26E-03	4.87E-04	6.27E-03
541	SG_541	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.900	3.19E-02	6.70E-02	9.16E-01	5.29E-02	1.73E-05	8.54E-02	1.03E-02	3.20E-03	6.26E-11	1.66E-03	4.42E-06	3.12E-06	4.87E-05	3.03E-05	1.81E-04	2.87E-06	6.55E-05	8.95E-03	8.28E-04	1.07E-02
542	SG_542	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6367.900	5.11E-02	1.07E-01	1.47E+00	8.15E-02	2.78E-05	1.35E-01	1.64E-02	5.12E-03	1.00E-10	2.66E-03	7.06E-06	4.97E-06	7.79E-05	4.85E-05	2.90E-04	4.60E-06	1.05E-04	1.43E-02	1.33E-03	1.71E-02
549	SG_549	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.900	7.52E-03	1.58E-02	2.17E-01	1.23E-02	4.08E-06	1.47E-02	2.41E-03	7.54E-04	1.47E-11	3.91E-04	1.03E-06	7.19E-07	1.15E-05	7.13E-06	4.28E-05	6.76E-07	1.54E-05	2.11E-03	1.95E-04	2.51E-03
550	SG_550	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.900	6.64E-03	1.39E-02	1.92E-01	1.09E-02	3.60E-06	1.26E-02	2.13E-03	6.66E-04	1.30E-11	3.46E-04	9.12E-07	6.35E-07	1.01E-05	6.29E-06	3.78E-05	5.97E-07	1.36E-05	1.86E-03	1.72E-04	2.22E-03
551	SG_551	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.900	5.82E-03	1.22E-02	1.69E-01	9.52E-03	3.16E-06	1.07E-02	1.87E-03	5.83E-04	1.14E-11	3.03E-04	8.00E-07	5.57E-07	8.87E-06	5.52E-06	3.31E-05	5.23E-07	1.20E-05	1.63E-03	1.51E-04	1.94E-03
552	SG_552	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.900	5.28E-03	1.11E-02	1.53E-01	8.66E-03	2.87E-06	9.50E-03	1.70E-03	5.30E-04	1.04E-11	2.75E-04	7.26E-07	5.06E-07	8.06E-06	5.01E-06	3.00E-05	4.75E-07	1.09E-05	1.48E-03	1.37E-04	1.77E-03
553	SG_553	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.900	4.66E-03	9.80E-03	1.36E-01	7.66E-03	2.53E-06	8.14E-03	1.50E-03	4.68E-04	9.15E-12	2.43E-04	6.41E-07	4.47E-07	7.11E-06	4.42E-06	2.65E-05	4.19E-07	9.58E-06	1.31E-03	1.21E-04	1.56E-03
554	SG_554	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.900	4.27E-03	8.97E-03	1.24E-01	7.02E-03	2.32E-06	7.27E-03	1.37E-03	4.28E-04	8.37E-12	2.22E-04	5.87E-07	4.10E-07	6.51E-06	4.05E-06	2.43E-05	3.84E-07	8.77E-06	1.20E-03	1.11E-04	1.43E-03
555	SG_555	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.900	3.91E-03	8.22E-03	1.14E-01	6.45E-03	2.12E-06	6.50E-03	1.26E-03	3.92E-04	7.68E-12	2.04E-04	5.39E-07	3.76E-07	5.97E-06	3.71E-06	2.23E-05	3.52E-07	8.04E-06	1.10E-03	1.02E-04	1.31E-03
556	SG_556	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.900	3.55E-03	7.46E-03	1.04E-01	5.87E-03	1.93E-06	5.75E-03	1.14E-03	3.56E-04	6.97E-12	1.85E-04	4.89E-07	3.41E-07	5.42E-06	3.37E-06	2.02E-05	3.20E-07	7.30E-06	9.96E-04	9.22E-05	1.19E-03
557	SG_557	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6367.900	3.03E-03	6.36E-03	8.86E-02	5.01E-03	1.64E-06	4.74E-03	9.73E-04	3.04E-04	5.94E-12	1.58E-04	4.17E-07	2.91E-07	4.62E-06	2.87E-06	1.72E-05	2.72E-07	6.22E-06	8.49E-04	7.86E-05	1.01E-03
558	SG_558	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6367.900	2.78E-03	5.85E-03	8.16E-02	4.61E-03	1.51E-06	4.26E-03	8.95E-04	2.79E-04	5.46E-12	1.45E-04	3.83E-07	2.68E-07	4.25E-06	2.64E-06	1.58E-05	2.51E-07	5.72E-06	7.81E-04	7.23E-05	9.30E-04
559	SG_559	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.100	2.08E-03	4.38E-03	6.07E-02	3.63E-03	1.13E-06	4.12E-03	6.70E-04	2.09E-04	4.09E-12	1.09E-04	2.88E-07	2.02E-07	3.18E-06	1.98E-06	1.19E-05	1.88E-07	4.28E-06	5.85E-04	5.41E-05	6.97E-04
560	SG_560	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.100	2.35E-03	4.93E-03	6.82E-02	4.09E-03	1.27E-06	4.79E-03	7.54E-04	2.35E-04	4.60E-12	1.22E-04	3.24E-07	2.27E-07	3.58E-06	2.23E-06	1.33E-05	2.11E-07	4.82E-06	6.58E-04	6.09E-05	7.84E-04
561	SG_561	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.100	2.44E-03	5.12E-03	7.08E-02	4.13E-03	1.32E-06	4.93E-03	7.83E-04	2.44E-04	4.78E-12	1.27E-04	3.36E-07	2.36E-07	3.72E-06	2.31E-06	1.39E-05	2.19E-07	5.01E-06	6.84E-04	6.33E-05	8.15E-04
562	SG_562	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.100	2.76E-03	5.81E-03	8.02E-02	4.68E-03	1.50E-06	5.74E-03	8.88E-04	2.77E-04	5.42E-12	1.44E-04	3.81E-07	2.67E-07	4.21E-06	2.62E-06	1.57E-05	2.49E-07	5.67E-06	7.75E-04	7.17E-05	9.23E-04
563	SG_563	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6368.100	3.14E-03	6.59E-03	9.09E-02	5.32E-03	1.70E-06	6.69E-03	1.01E-03	3.15E-04	6.15E-12	1.63E-04	4.33E-07	3.04E-07	4.78E-06	2.98E-06	1.78E-05	2.82E-07	6.44E-06	8.80E-04	8.14E-05	1.05E-03
564	SG_564	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.100	3.43E-03	7.21E-03	9.94E-02	5.74E-03	1.86E-06	7.37E-03	1.10E-03	3.44E-04	6.73E-12	1.79E-04	4.74E-07	3.33E-07	5.24E-06	3.26E-06	1.95E-05	3.09E-07	7.05E-06	9.63E-04	8.91E-05	1.15E-03
565	SG_565	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.100	3.90E-03	8.19E-03	1.13E-01	6.50E-03	2.12E-06	8.53E-03	1.25E-03	3.91E-04	7.65E-12	2.03E-04	5.38E-07	3.78E-07	5.95E-06	3.70E-06	2.22E-05	3.51E-07	8.01E-06	1.09E-03	1.01E-04	1.30E-03
566	SG_566	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6368.100	4.53E-03	9.52E-03	1.31E-01	7.58E-03	2.46E-06	1.02E-02	1.46E-03	4.54E-04	8.89E-12	2.36E-04	6.25E-07	4.39E-07	6.91E-06	4.30E-06	2.58E-05	4.08E-07	9.31E-06	1.27E-03	1.18E-04	1.51E-03
567	SG_567	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.100	5.30E-03	1.11E-02	1.53E-01	8.84E-03	2.88E-06	1.21E-02	1.70E-03	5.31E-04	1.04E-11	2.76E-04	7.31E-07	5.14E-07	8.08E-06	5.03E-06	3.01E-05	4.77E-07	1.09E-05	1.49E-03	1.38E-04	1.77E-03
568	SG_568	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.100	6.37E-03	1.34E-02	1.84E-01	1.07E-02	3.46E-06	1.49E-02	2.05E-03	6.39E-04	1.25E-11	3.32E-04	8.79E-07	6.17E-07	9.71E-06	6.05E-06	3.62E-05	5.73E-07	1.31E-05	1.79E-03	1.65E-04	2.13E-03
569	SG_569	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.100	7.96E-03	1.67E-02	2.29E-01	1.35E-02	4.32E-06	1.93E-02	2.56E-03	7.98E-04	1.56E-11	4.14E-04	1.10E-06	7.72E-07	1.21E-05	7.56E-06	4.53E-05	7.16E-07	1.63E-05	2.23E-03	2.06E-04	2.66E-03
570	SG_570	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.100	9.68E-03	2.03E-02	2.79E-01	1.65E-02	5.26E-06	2.39E-02	3.11E-03	9.70E-04	1.90E-11	5.04E-04	1.34E-06	9.40E-07	1.48E-05	9.19E-06	5.50E-05	8.72E-07	1.99E-05	2.71E-03	2.51E-04	3.23E-03
571	SG_571	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.100	1.42E-02	2.98E-02	4.08E-01	2.41E-02	7.70E-06	3.56E-02	4.55E-03	1.42E-03	2.78E-11	7.38E-04	1.96E-06	1.38E-06	2.16E-05	1.35E-05	8.06E-05	1.28E-06	2.91E-05	3.97E-03	3.68E-04	4.74E-03
572	SG_572	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.100	2.49E-02	5.22E-02	7.14E-01	4.09E-02	1.35E-05	6.25E-02	7.99E-03	2.49E-03	4.88E-11	1.30E-03	3.44E-06	2.42E-06	3.79E-05	2.36E-05	1.41E-04	2.24E-06	5.10E-05	6.97E-03	6.45E-04	8.31E-03
574	SG_574	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.100	2.02E-02	4.24E-02	5.80E-01	3.02E-02	1.09E-05	4.63E-02	6.48E-03	2.02E-03	3.96E-11	1.05E-03	2.78E-06	1.94E-06	3.08E-05	1.91E-05	1.15E-04	1.82E-06	4.14E-05	5.66E-03	5.24E-04	6.74E-03
576	SG_576	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.100	1.31E-02	2.76E-02	3.78E-01	2.06E-02	7.13E-06	2.98E-02	4.22E-03	1.32E-03	2.58E-11	6.84E-04	1.81E-06	1.26E-06	2.00E-05	1.25E-05	7.47E-05	1.18E-06	2.70E-05	3.68E-03	3.41E-04	4.39E-03
578	SG_578	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.100	7.37E-03	1.55E-02	2.13E-01	1.22E-02	4.00E-06	1.54E-02	2.37E-03	7.39E-04	1.45E-11	3.84E-04	1.01E-06	7.06E-07	1.12E-05	6.99E-06	4.19E-05	6.63E-07	1.51E-05	2.07E-03	1.91E-04	2.46E-03
579	SG_579	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.100	6.65E-03	1.40E-02	1.92E-01	1.11E-02	3.61E-06	1.35E-02	2.14E-03	6.67E-04	1.30E-11	3.46E-04	9.14E-07	6.38E-07	1.01E-05	6.31E-06	3.78E-05	5.98E-07	1.37E-05	1.86E-03	1.73E-04	2.22E-03
580	SG_580	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.100	6.14E-03	1.29E-02	1.78E-01	1.02E-02	3.33E-06	1.21E-02	1.97E-03	6.16E-04	1.21E-11	3.20E-04	8.45E-07	5.89E-07	9.37E-06	5.83E-06	3.49E-05	5.53E-07	1.26E-05	1.72E-03	1.59E-04	2.05E-03
581	SG_581	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.100	5.96E-03	1.25E-02	1.73E-01	9.90E-03	3.24E-06	1.15E-02	1.92E-03	5.98E-04	1.17E-11	3.11E-04	8.20E-07	5.72E-07	9.10E-06	5.66E-06	3.39E-05	5.37E-07	1.23E-05	1.67E-03	1.55E-04	1.99E-03
582	SG_582	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.100	5.08E-03	1.07E-02	1.47E-01	8.42E-03	2.75E-06	9.35E-03	1.63E-03	5.09E-04	9.96E-12	2.64E-04	6.98E-07	4.87E-07	7.74E-06	4.82E-06	2.89E-05	4.57E-07	1.04E-05	1.42E-03	1.32E-04	1.70E-03
583	SG_583	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.100	4.76E-03	1.00E-02	1.38E-01	7.89E-03	2.58E-06	8.56E-03	1.53E-03	4.78E-04	9.35E-12	2.48E-04	6.55E-07	4.57E-07	7.27E-06	4.52E-06	2.71E-05	4.29E-07	9.79E-06	1.34E-03	1.24E-04	1.59E-03
584	SG_584	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.100	4.55E-03	9.57E-03	1.32E-01	7.53E-03	2.47E-06	8.02E-03	1.46E-03	4.57E-04	8.94E-12	2.37E-04	6.27E-07	4.37E-07	6.95E-06	4.32E-06	2.59E-05	4.10E-07	9.36E-06	1.28E-03	1.18E-04	1.52E-03
585	SG_585	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.100	4.09E-03	8.59E-03	1.19E-01	6.77E-03	2.22E-06	6.99E-03	1.31E-03	4.10E-04	8.02E-12	2.13E-04	5.63E-07	3.93E-07	6.24E-06	3.88E-06	2.33E-05	3.68E-07	8.40E-06	1.15E-03	1.06E-04	1.37E-03
586	SG_586	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.100	3.79E-03	7.95E-03	1.10E-01	6.27E-03	2.05E-06	6.33E-03	1.22E-03	3.80E-04	7.43E-12	1.97E-04	5.21E-07	3.64E-07	5.77E-06	3.59E-06	2.15E-05	3.41E-07	7.78E-06	1.06E-03	9.82E-05	1.27E-03
587	SG_587	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.100	3.30E-03	6.93E-03	9.64E-02	5.48E-03	1.79E-06	5.33E-03	1.06E-03	3.31E-04	6.47E-12	1.72E-04	4.54E-07	3.17E-07	5.03E-06	3.13E-06	1.88E-05	2.97E-07	6.78E-06	9.25E-04	8.56E-05	1.10E-03
588	SG_588	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.100	2.91E-03	6.12E-03	8.53E-02	4.85E-03	1.58E-06	4.57E-03	9.36E-04	2.92E-04	5.72E-12	1.52E-04	4.01E-07	2.80E-07	4.44E-06	2.76E-06	1.66E-05	2.62E-07	5.99E-06	8.17E-04	7.56E-05	9.74E-04
589	SG_589	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6368.100	2.75E-03	5.79E-03	8.08E-02	4.60E-03	1.50E-06	4.25E-03	8.85E-04	2.76E-04	5.41E-12	1.44E-04	3.79E-07	2.65E-07	4.20E-06	2.61E-06	1.57E-05	2.48E-07	5.66E-06	7.73E-04	7.15E-05	9.21E-04
590	SG_590	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.300	2.07E-03	4.36E-03	6.04E-02	3.62E-03	1.13E-06	4.03E-03	6.67E-04	2.08E-04	4.07E-12	1.08E-04	2.86E-07	2.01E-07	3.17E-06	1.97E-06	1.18E-05	1.87E-07	4.26E-06	5.82E-04	5.39E-05	6.94E-04
591	SG_591	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.300	2.34E-03	4.92E-03	6.80E-02	4.10E-03	1.27E-06	4.69E-03	7.52E-04	2.35E-04	4.59E-12	1.22E-04	3.23E-07	2.26E-07	3.57E-06	2.22E-06	1.33E-05	2.11E-07	4.81E-06	6.56E-04	6.07E-05	7.82E-04
592	SG_592	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.300	2.54E-03	5.34E-03	7.38E-02	4.42E-03	1.38E-06	5.17E-03	8.16E-04	2.55E-04	4.98E-12	1.32E-04	3.50E-07	2.45E-07	3.87E-06	2.41E-06	1.44E-05	2.29E-07	5.21E-06	7.12E-04	6.59E-05	8.48E-04
593	SG_593	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.300	2.73E-03	5.75E-03	7.94E-02	4.72E-03	1.48E-06	5.62E-03	8.79E-04	2.74E-04	5.36E-12	1.42E-04	3.77E-07	2.64E-07	4.17E-06	2.60E-06	1.56E-05	2.46E-07	5.62E-06	7.67E-04	7.10E-05	9.14E-04
594	SG_594	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.300	2.99E-03	6.28E-03	8.67E-02	5.13E-03	1.62E-06	6.23E-03	9.60E-04	3.00E-04	5.86E-12	1.56E-04	4.12E-07	2.89E-07	4.56E-06	2.84E-06	1.70E-05	2.69E-07	6.14E-06	8.38E-04	7.76E-05	9.99E-04
595	SG_595	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.300	3.36E-03	7.05E-03	9.72E-02	5.78E-03	1.82E-06	7.16E-03	1.08E-03	3.36E-04	6.58E-12	1.75E-04	4.63E-07	3.25E-07	5.12E-06	3.19E-06	1.91E-05	3.02E-07	6.89E-06	9.41E-04	8.71E-05	1.12E-03
596	SG_596	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6368.300	3.72E-03	7.82E-03	1.08E-01	6.39E-03	2.02E-06	8.05E-03	1.20E-03	3.73E-04	7.30E-12	1.94E-04	5.13E-07	3.60E-07	5.68E-06	3.53E-06	2.12E-05	3.35E-07	7.64E-06	1.04E-03	9.66E-05	1.24E-03
597	SG_597	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6368.300	4.26E-03	8.95E-03	1.23E-01	7.37E-03	2.31E-06	9.47E-03	1.37E-03	4.27E-04	8.35E-12	2.22E-04	5.87E-07	4.12E-07	6.50E-06	4.04E-06	2.42E-05	3.83E-07	8.75E-06	1.19E-03	1.11E-04	1.42E-03
598	SG_598	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.300	4.79E-03	1.01E-02	1.38E-01	8.30E-03	2.60E-06	1.09E-02	1.54E-03	4.80E-04	9.39E-12	2.49E-04	6.60E-07	4.63E-07	7.30E-06	4.54E-06	2.72E-05	4.31E-07	9.83E-06	1.34E-03	1.24E-04	1.60E-03
599	SG_599	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.300	5.58E-03	1.17E-02	1.61E-01	9.84E-03	3.03E-06	1.31E-02	1.79E-03	5.60E-04	1.10E-11	2.91E-04	7.70E-07	5.40E-07	8.52E-06	5.30E-06	3.18E-05	5.03E-07	1.15E-05	1.57E-03	1.45E-04	1.87E-03
600	SG_600	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.300	6.48E-03	1.36E-02	1.87E-01	1.14E-02	3.52E-06	1.54E-02	2.08E-03	6.49E-04	1.27E-11	3.37E-04	8.94E-07	6.28E-07	9.88E-06	6.15E-06	3.68E-05	5.83E-07	1.33E-05	1.82E-03	1.68E-04	2.16E-03
601	SG_601	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.300	8.13E-03	1.71E-02	2.35E-01	1.41E-02	4.42E-06	1.92E-02	2.61E-03	8.15E-04	1.60E-11	4.24E-04	1.12E-06	7.91E-07	1.24E-05	7.73E-06	4.63E-05	7.32E-07	1.67E-05	2.28E-03	2.11E-04	2.72E-03
602	SG_602	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.300	1.25E-02	2.63E-02	3.61E-01	2.12E-02	6.80E-06	2.96E-02	4.02E-03	1.25E-03	2.45E-11	6.52E-04	1.73E-06	1.22E-06	1.91E-05	1.19E-05	7.12E-05	1.13E-06	2.57E-05	3.51E-03	3.25E-04	4.18E-03
603	SG_603	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.300	1.89E-02	3.96E-02	5.43E-01	3.10E-02	1.03E-05	4.54E-02	6.06E-03	1.89E-03	3.70E-11	9.83E-04	2.60E-06	1.83E-06	2.88E-05	1.79E-05	1.07E-04	1.70E-06	3.88E-05	5.29E-03	4.90E-04	6.31E-03
604	SG_604	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.300	1.83E-02	3.85E-02	5.27E-01	2.94E-02	9.94E-06	4.43E-02	5.88E-03	1.84E-03	3.59E-11	9.54E-04	2.52E-06	1.76E-06	2.79E-05	1.74E-05	1.04E-04	1.65E-06	3.76E-05	5.14E-03	4.75E-04	6.12E-03
605	SG_605	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.300	1.31E-02	2.76E-02	3.78E-01	1.99E-02	7.13E-06	2.92E-02	4.22E-03	1.32E-03	2.58E-11	6.84E-04	1.81E-06	1.26E-06	2.00E-05	1.25E-05	7.47E-05	1.18E-06	2.70E-05	3.68E-03	3.41E-04	4.39E-03
606	SG_606	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.300	1.09E-02	2.30E-02	3.15E-01	1.65E-02	5.93E-06	2.42E-02	3.51E-03	1.10E-03	2.14E-11	5.69E-04	1.51E-06	1.05E-06	1.67E-05	1.04E-05	6.22E-05	9.84E-07	2.24E-05	3.06E-03	2.84E-04	3.65E-03
607	SG_607	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.300	1.08E-02	2.27E-02	3.11E-01	1.67E-02	5.86E-06	2.40E-02	3.47E-03	1.08E-03	2.12E-11	5.62E-04	1.49E-06	1.04E-06	1.65E-05	1.02E-05	6.14E-05	9.71E-07	2.22E-05	3.03E-03	2.80E-04	3.61E-03
608	SG_608	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.300	8.51E-03	1.79E-02	2.46E-01	1.35E-02	4.62E-06	1.84E-02	2.73E-03	8.53E-04	1.67E-11	4.43E-04	1.17E-06	8.18E-07	1.30E-05	8.07E-06	4.84E-05	7.66E-07	1.75E-05	2.39E-03	2.21E-04	2.84E-03
609	SG_609	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.300	6.44E-03	1.35E-02	1.86E-01	1.05E-02	3.49E-06	1.34E-02	2.07E-03	6.45E-04	1.26E-11	3.35E-04	8.85E-07	6.18E-07	9.82E-06	6.11E-06	3.66E-05	5.79E-07	1.32E-05	1.81E-03	1.67E-04	2.15E-03
610	SG_610	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.300	5.42E-03	1.14E-02	1.57E-01	9.02E-03	2.94E-06	1.09E-02	1.74E-03	5.43E-04	1.06E-11	2.82E-04	7.45E-07	5.20E-07	8.26E-06	5.14E-06	3.08E-05	4.87E-07	1.11E-05	1.52E-03	1.41E-04	1.81E-03
611	SG_611	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.300	5.02E-03	1.05E-02	1.45E-01	8.42E-03	2.72E-06	9.80E-03	1.61E-03	5.03E-04	9.85E-12	2.61E-04	6.91E-07	4.83E-07	7.66E-06	4.76E-06	2.86E-05	4.52E-07	1.03E-05	1.41E-03	1.30E-04	1.68E-03
612	SG_612	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.300	4.66E-03	9.79E-03	1.35E-01	7.83E-03	2.53E-06	8.82E-03	1.50E-03	4.67E-04	9.14E-12	2.43E-04	6.41E-07	4.48E-07	7.10E-06	4.42E-06	2.65E-05	4.19E-07	9.57E-06	1.31E-03	1.21E-04	1.56E-03
613	SG_613	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.300	4.41E-03	9.26E-03	1.28E-01	7.40E-03	2.39E-06	8.11E-03	1.42E-03	4.42E-04	8.65E-12	2.30E-04	6.07E-07	4.24E-07	6.72E-06	4.18E-06	2.51E-05	3.97E-07	9.06E-06	1.24E-03	1.14E-04	1.47E-03

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 1 GRID MAX

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.124**	**0.260**	**3.550**	**0.199**	**6.74E-05**	**0.358**	**0.040**	**0.012**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**0.035**	**0.003**	**0.041**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
614	SG_614	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.300	4.24E-03	8.91E-03	1.23E-01	7.09E-03	2.30E-06	7.59E-03	1.36E-03	4.25E-04	8.32E-12	2.21E-04	5.84E-07	4.08E-07	6.47E-06	4.02E-06	2.41E-05	3.81E-07	8.71E-06	1.19E-03	1.10E-04	1.42E-03
615	SG_615	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.300	4.21E-03	8.86E-03	1.23E-01	7.02E-03	2.29E-06	7.41E-03	1.35E-03	4.23E-04	8.27E-12	2.19E-04	5.80E-07	4.06E-07	6.43E-06	4.00E-06	2.40E-05	3.79E-07	8.66E-06	1.18E-03	1.09E-04	1.41E-03
616	SG_616	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.300	3.74E-03	7.86E-03	1.09E-01	6.23E-03	2.03E-06	6.33E-03	1.20E-03	3.75E-04	7.34E-12	1.95E-04	5.15E-07	3.60E-07	5.71E-06	3.55E-06	2.13E-05	3.37E-07	7.69E-06	1.05E-03	9.71E-05	1.25E-03
617	SG_617	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.300	3.44E-03	7.24E-03	1.01E-01	5.72E-03	1.87E-06	5.66E-03	1.11E-03	3.45E-04	6.76E-12	1.79E-04	4.74E-07	3.31E-07	5.25E-06	3.27E-06	1.96E-05	3.10E-07	7.08E-06	9.66E-04	8.94E-05	1.15E-03
618	SG_618	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.300	3.32E-03	6.97E-03	9.69E-02	5.50E-03	1.80E-06	5.36E-03	1.07E-03	3.32E-04	6.50E-12	1.73E-04	4.57E-07	3.19E-07	5.06E-06	3.15E-06	1.89E-05	2.98E-07	6.81E-06	9.30E-04	8.61E-05	1.11E-03
619	SG_619	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.300	2.91E-03	6.12E-03	8.53E-02	4.84E-03	1.58E-06	4.55E-03	9.35E-04	2.92E-04	5.71E-12	1.52E-04	4.01E-07	2.80E-07	4.44E-06	2.76E-06	1.66E-05	2.62E-07	5.98E-06	8.16E-04	7.55E-05	9.73E-04
620	SG_620	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.300	2.78E-03	5.85E-03	8.16E-02	4.63E-03	1.51E-06	4.29E-03	8.94E-04	2.79E-04	5.46E-12	1.45E-04	3.84E-07	2.68E-07	4.25E-06	2.64E-06	1.58E-05	2.51E-07	5.72E-06	7.81E-04	7.22E-05	9.30E-04
621	SG_621	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.500	2.09E-03	4.40E-03	6.09E-02	3.70E-03	1.13E-06	4.01E-03	6.72E-04	2.10E-04	4.10E-12	1.09E-04	2.88E-07	2.02E-07	3.19E-06	1.98E-06	1.19E-05	1.88E-07	4.29E-06	5.86E-04	5.43E-05	6.99E-04
622	SG_622	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.500	2.23E-03	4.70E-03	6.50E-02	3.93E-03	1.21E-06	4.35E-03	7.18E-04	2.24E-04	4.38E-12	1.16E-04	3.08E-07	2.16E-07	3.41E-06	2.12E-06	1.27E-05	2.01E-07	4.59E-06	6.27E-04	5.80E-05	7.47E-04
623	SG_623	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.500	2.42E-03	5.09E-03	7.04E-02	4.26E-03	1.31E-06	4.81E-03	7.77E-04	2.43E-04	4.75E-12	1.26E-04	3.34E-07	2.34E-07	3.69E-06	2.30E-06	1.38E-05	2.18E-07	4.97E-06	6.79E-04	6.28E-05	8.09E-04
624	SG_624	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.500	2.71E-03	5.69E-03	7.87E-02	4.81E-03	1.47E-06	5.55E-03	8.70E-04	2.72E-04	5.31E-12	1.41E-04	3.73E-07	2.61E-07	4.13E-06	2.57E-06	1.54E-05	2.44E-07	5.56E-06	7.59E-04	7.03E-05	9.05E-04
625	SG_625	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.500	3.01E-03	6.34E-03	8.75E-02	5.42E-03	1.64E-06	6.36E-03	9.69E-04	3.02E-04	5.91E-12	1.57E-04	4.15E-07	2.91E-07	4.60E-06	2.86E-06	1.71E-05	2.71E-07	6.19E-06	8.45E-04	7.82E-05	1.01E-03
626	SG_626	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.500	3.17E-03	6.66E-03	9.19E-02	5.64E-03	1.72E-06	6.71E-03	1.02E-03	3.18E-04	6.21E-12	1.65E-04	4.37E-07	3.06E-07	4.83E-06	3.01E-06	1.80E-05	2.85E-07	6.51E-06	8.88E-04	8.22E-05	1.06E-03
627	SG_627	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.500	3.40E-03	7.14E-03	9.85E-02	6.04E-03	1.84E-06	7.30E-03	1.09E-03	3.41E-04	6.67E-12	1.77E-04	4.68E-07	3.28E-07	5.18E-06	3.23E-06	1.93E-05	3.06E-07	6.98E-06	9.53E-04	8.82E-05	1.14E-03
628	SG_628	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6368.500	3.75E-03	7.89E-03	1.09E-01	6.74E-03	2.04E-06	8.28E-03	1.21E-03	3.76E-04	7.37E-12	1.96E-04	5.18E-07	3.63E-07	5.73E-06	3.56E-06	2.14E-05	3.38E-07	7.71E-06	1.05E-03	9.74E-05	1.25E-03
629	SG_629	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.500	4.20E-03	8.82E-03	1.21E-01	7.62E-03	2.28E-06	9.48E-03	1.35E-03	4.21E-04	8.23E-12	2.19E-04	5.79E-07	4.06E-07	6.40E-06	3.98E-06	2.39E-05	3.78E-07	8.62E-06	1.18E-03	1.09E-04	1.40E-03
630	SG_630	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.500	4.71E-03	9.89E-03	1.36E-01	8.52E-03	2.56E-06	1.07E-02	1.51E-03	4.72E-04	9.24E-12	2.45E-04	6.50E-07	4.56E-07	7.18E-06	4.47E-06	2.68E-05	4.24E-07	9.67E-06	1.32E-03	1.22E-04	1.57E-03
631	SG_631	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.500	5.83E-03	1.22E-02	1.69E-01	1.04E-02	3.17E-06	1.32E-02	1.87E-03	5.84E-04	1.14E-11	3.04E-04	8.05E-07	5.65E-07	8.89E-06	5.54E-06	3.31E-05	5.25E-07	1.20E-05	1.63E-03	1.51E-04	1.95E-03
632	SG_632	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.500	7.94E-03	1.67E-02	2.29E-01	1.37E-02	4.31E-06	1.78E-02	2.55E-03	7.96E-04	1.56E-11	4.13E-04	1.10E-06	7.71E-07	1.21E-05	7.54E-06	4.51E-05	7.15E-07	1.63E-05	2.23E-03	2.06E-04	2.65E-03
633	SG_633	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.500	1.15E-02	2.41E-02	3.31E-01	1.93E-02	6.23E-06	2.59E-02	3.68E-03	1.15E-03	2.25E-11	5.97E-04	1.58E-06	1.11E-06	1.75E-05	1.09E-05	6.52E-05	1.03E-06	2.35E-05	3.22E-03	2.98E-04	3.83E-03
634	SG_634	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.500	1.33E-02	2.79E-02	3.83E-01	2.19E-02	7.20E-06	3.06E-02	4.26E-03	1.33E-03	2.60E-11	6.91E-04	1.83E-06	1.28E-06	2.02E-05	1.26E-05	7.55E-05	1.19E-06	2.73E-05	3.72E-03	3.44E-04	4.44E-03
635	SG_635	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.500	1.19E-02	2.50E-02	3.43E-01	1.91E-02	6.46E-06	2.73E-02	3.82E-03	1.19E-03	2.33E-11	6.20E-04	1.64E-06	1.14E-06	1.82E-05	1.13E-05	6.77E-05	1.07E-06	2.45E-05	3.34E-03	3.09E-04	3.98E-03
636	SG_636	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.500	9.47E-03	1.99E-02	2.73E-01	1.45E-02	5.14E-06	2.05E-02	3.04E-03	9.50E-04	1.86E-11	4.93E-04	1.30E-06	9.10E-07	1.44E-05	8.99E-06	5.39E-05	8.52E-07	1.95E-05	2.66E-03	2.46E-04	3.17E-03
637	SG_637	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.500	7.74E-03	1.63E-02	2.24E-01	1.17E-02	4.20E-06	1.65E-02	2.49E-03	7.76E-04	1.52E-11	4.03E-04	1.07E-06	7.46E-07	1.18E-05	7.34E-06	4.40E-05	6.97E-07	1.59E-05	2.17E-03	2.01E-04	2.59E-03
638	SG_638	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.500	7.54E-03	1.58E-02	2.18E-01	1.15E-02	4.09E-06	1.60E-02	2.42E-03	7.56E-04	1.48E-11	3.92E-04	1.04E-06	7.29E-07	1.15E-05	7.15E-06	4.29E-05	6.78E-07	1.55E-05	2.11E-03	1.96E-04	2.52E-03
639	SG_639	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.500	7.41E-03	1.56E-02	2.14E-01	1.16E-02	4.02E-06	1.56E-02	2.38E-03	7.43E-04	1.45E-11	3.86E-04	1.02E-06	7.14E-07	1.13E-05	7.03E-06	4.21E-05	6.67E-07	1.52E-05	2.08E-03	1.92E-04	2.48E-03
640	SG_640	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.500	6.49E-03	1.36E-02	1.88E-01	1.04E-02	3.52E-06	1.34E-02	2.09E-03	6.51E-04	1.27E-11	3.38E-04	8.94E-07	6.25E-07	9.90E-06	6.16E-06	3.69E-05	5.84E-07	1.33E-05	1.82E-03	1.68E-04	2.17E-03
641	SG_641	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.500	5.24E-03	1.10E-02	1.52E-01	8.64E-03	2.84E-06	1.06E-02	1.68E-03	5.26E-04	1.03E-11	2.73E-04	7.22E-07	5.04E-07	7.99E-06	4.97E-06	2.98E-05	4.72E-07	1.08E-05	1.47E-03	1.36E-04	1.75E-03
642	SG_642	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.500	4.42E-03	9.30E-03	1.28E-01	7.41E-03	2.40E-06	8.59E-03	1.42E-03	4.44E-04	8.68E-12	2.30E-04	6.09E-07	4.26E-07	6.75E-06	4.20E-06	2.52E-05	3.98E-07	9.09E-06	1.24E-03	1.15E-04	1.48E-03
643	SG_643	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.500	3.90E-03	8.19E-03	1.13E-01	6.56E-03	2.11E-06	7.26E-03	1.25E-03	3.91E-04	7.64E-12	2.03E-04	5.37E-07	3.75E-07	5.94E-06	3.70E-06	2.22E-05	3.51E-07	8.00E-06	1.09E-03	1.01E-04	1.30E-03
644	SG_644	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.500	3.77E-03	7.93E-03	1.10E-01	6.37E-03	2.05E-06	6.86E-03	1.21E-03	3.79E-04	7.41E-12	1.97E-04	5.20E-07	3.64E-07	5.76E-06	3.58E-06	2.15E-05	3.40E-07	7.75E-06	1.06E-03	9.80E-05	1.26E-03
645	SG_645	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.500	3.59E-03	7.55E-03	1.05E-01	6.06E-03	1.95E-06	6.34E-03	1.15E-03	3.60E-04	7.05E-12	1.87E-04	4.95E-07	3.46E-07	5.48E-06	3.41E-06	2.04E-05	3.23E-07	7.38E-06	1.01E-03	9.32E-05	1.20E-03
646	SG_646	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.500	3.55E-03	7.45E-03	1.03E-01	5.96E-03	1.93E-06	6.12E-03	1.14E-03	3.56E-04	6.96E-12	1.85E-04	4.89E-07	3.42E-07	5.41E-06	3.37E-06	2.02E-05	3.19E-07	7.29E-06	9.95E-04	9.20E-05	1.19E-03
647	SG_647	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.500	3.38E-03	7.10E-03	9.87E-02	5.66E-03	1.83E-06	5.66E-03	1.09E-03	3.39E-04	6.63E-12	1.76E-04	4.66E-07	3.26E-07	5.15E-06	3.21E-06	1.92E-05	3.04E-07	6.94E-06	9.48E-04	8.77E-05	1.13E-03
648	SG_648	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.500	3.24E-03	6.81E-03	9.47E-02	5.41E-03	1.76E-06	5.29E-03	1.04E-03	3.25E-04	6.36E-12	1.69E-04	4.47E-07	3.12E-07	4.94E-06	3.08E-06	1.84E-05	2.92E-07	6.66E-06	9.09E-04	8.41E-05	1.08E-03
649	SG_649	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.500	3.02E-03	6.35E-03	8.84E-02	5.03E-03	1.64E-06	4.79E-03	9.70E-04	3.03E-04	5.92E-12	1.57E-04	4.16E-07	2.91E-07	4.61E-06	2.87E-06	1.72E-05	2.72E-07	6.20E-06	8.47E-04	7.84E-05	1.01E-03
650	SG_650	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.500	2.81E-03	5.91E-03	8.24E-02	4.68E-03	1.53E-06	4.34E-03	9.03E-04	2.82E-04	5.51E-12	1.46E-04	3.87E-07	2.71E-07	4.29E-06	2.67E-06	1.60E-05	2.53E-07	5.77E-06	7.88E-04	7.29E-05	9.39E-04
651	SG_651	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.500	2.70E-03	5.68E-03	7.93E-02	4.49E-03	1.47E-06	4.10E-03	8.68E-04	2.71E-04	5.30E-12	1.41E-04	3.72E-07	2.61E-07	4.12E-06	2.56E-06	1.54E-05	2.43E-07	5.55E-06	7.58E-04	7.01E-05	9.03E-04
652	SG_652	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.700	2.12E-03	4.45E-03	6.18E-02	3.84E-03	1.15E-06	4.03E-03	6.81E-04	2.12E-04	4.16E-12	1.10E-04	2.92E-07	2.04E-07	3.23E-06	2.01E-06	1.21E-05	1.91E-07	4.35E-06	5.94E-04	5.50E-05	7.08E-04
653	SG_653	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.700	2.22E-03	4.67E-03	6.47E-02	4.00E-03	1.20E-06	4.28E-03	7.13E-04	2.23E-04	4.35E-12	1.16E-04	3.06E-07	2.14E-07	3.39E-06	2.11E-06	1.26E-05	2.00E-07	4.56E-06	6.22E-04	5.76E-05	7.42E-04
654	SG_654	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.700	2.37E-03	4.98E-03	6.89E-02	4.27E-03	1.28E-06	4.66E-03	7.61E-04	2.37E-04	4.64E-12	1.23E-04	3.26E-07	2.28E-07	3.61E-06	2.25E-06	1.35E-05	2.13E-07	4.86E-06	6.64E-04	6.14E-05	7.91E-04
655	SG_655	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.700	2.52E-03	5.30E-03	7.33E-02	4.56E-03	1.37E-06	5.05E-03	8.10E-04	2.53E-04	4.94E-12	1.31E-04	3.47E-07	2.43E-07	3.84E-06	2.39E-06	1.43E-05	2.27E-07	5.18E-06	7.07E-04	6.54E-05	8.42E-04
656	SG_656	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.700	2.67E-03	5.62E-03	7.78E-02	4.86E-03	1.45E-06	5.47E-03	8.59E-04	2.68E-04	5.25E-12	1.39E-04	3.69E-07	2.58E-07	4.08E-06	2.54E-06	1.52E-05	2.41E-07	5.49E-06	7.50E-04	6.94E-05	8.94E-04
657	SG_657	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.700	2.88E-03	6.05E-03	8.36E-02	5.29E-03	1.56E-06	6.03E-03	9.24E-04	2.88E-04	5.64E-12	1.50E-04	3.96E-07	2.78E-07	4.39E-06	2.73E-06	1.64E-05	2.59E-07	5.91E-06	8.07E-04	7.47E-05	9.61E-04
658	SG_658	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.700	3.08E-03	6.47E-03	8.93E-02	5.70E-03	1.67E-06	6.58E-03	9.88E-04	3.08E-04	6.03E-12	1.60E-04	4.24E-07	2.97E-07	4.69E-06	2.92E-06	1.75E-05	2.77E-07	6.32E-06	8.62E-04	7.98E-05	1.03E-03
659	SG_659	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6368.700	3.23E-03	6.78E-03	9.37E-02	5.96E-03	1.75E-06	6.95E-03	1.04E-03	3.23E-04	6.33E-12	1.68E-04	4.45E-07	3.12E-07	4.92E-06	3.06E-06	1.83E-05	2.90E-07	6.63E-06	9.05E-04	8.37E-05	1.08E-03
660	SG_660	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.700	3.55E-03	7.47E-03	1.03E-01	6.52E-03	1.93E-06	7.66E-03	1.14E-03	3.56E-04	6.97E-12	1.85E-04	4.90E-07	3.44E-07	5.42E-06	3.37E-06	2.02E-05	3.20E-07	7.29E-06	9.96E-04	9.22E-05	1.19E-03
661	SG_661	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.700	4.25E-03	8.94E-03	1.23E-01	7.68E-03	2.31E-06	9.13E-03	1.37E-03	4.26E-04	8.34E-12	2.22E-04	5.87E-07	4.12E-07	6.49E-06	4.04E-06	2.42E-05	3.83E-07	8.73E-06	1.19E-03	1.10E-04	1.42E-03
662	SG_662	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.700	5.35E-03	1.13E-02	1.55E-01	9.39E-03	2.91E-06	1.14E-02	1.72E-03	5.37E-04	1.05E-11	2.79E-04	7.40E-07	5.20E-07	8.17E-06	5.09E-06	3.05E-05	4.82E-07	1.10E-05	1.50E-03	1.39E-04	1.79E-03
663	SG_663	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.700	7.52E-03	1.58E-02	2.18E-01	1.29E-02	4.09E-06	1.61E-02	2.42E-03	7.54E-04	1.48E-11	3.92E-04	1.04E-06	7.30E-07	1.15E-05	7.14E-06	4.28E-05	6.77E-07	1.54E-05	2.11E-03	1.95E-04	2.51E-03
664	SG_664	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.700	9.63E-03	2.02E-02	2.79E-01	1.62E-02	5.23E-06	2.09E-02	3.09E-03	9.66E-04	1.89E-11	5.02E-04	1.33E-06	9.32E-07	1.47E-05	9.14E-06	5.48E-05	8.67E-07	1.98E-05	2.70E-03	2.50E-04	3.22E-03
665	SG_665	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.700	9.99E-03	2.10E-02	2.89E-01	1.66E-02	5.42E-06	2.22E-02	3.21E-03	1.00E-03	1.96E-11	5.20E-04	1.37E-06	9.61E-07	1.52E-05	9.47E-06	5.68E-05	8.99E-07	2.05E-05	2.80E-03	2.59E-04	3.34E-03
666	SG_666	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.700	8.64E-03	1.82E-02	2.50E-01	1.39E-02	4.69E-06	1.89E-02	2.78E-03	8.66E-04	1.69E-11	4.50E-04	1.19E-06	8.29E-07	1.32E-05	8.19E-06	4.91E-05	7.77E-07	1.78E-05	2.42E-03	2.24E-04	2.89E-03
667	SG_667	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.700	7.39E-03	1.55E-02	2.14E-01	1.15E-02	4.01E-06	1.56E-02	2.37E-03	7.41E-04	1.45E-11	3.85E-04	1.02E-06	7.09E-07	1.13E-05	7.01E-06	4.20E-05	6.65E-07	1.52E-05	2.07E-03	1.92E-04	2.47E-03
668	SG_668	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.700	6.15E-03	1.29E-02	1.78E-01	9.45E-03	3.33E-06	1.28E-02	1.97E-03	6.16E-04	1.21E-11	3.20E-04	8.46E-07	5.91E-07	9.37E-06	5.83E-06	3.50E-05	5.53E-07	1.26E-05	1.72E-03	1.59E-04	2.05E-03
669	SG_669	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.700	5.78E-03	1.21E-02	1.67E-01	8.88E-03	3.14E-06	1.19E-02	1.86E-03	5.80E-04	1.13E-11	3.01E-04	7.97E-07	5.59E-07	8.82E-06	5.49E-06	3.29E-05	5.20E-07	1.19E-05	1.62E-03	1.50E-04	1.93E-03
670	SG_670	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.700	6.05E-03	1.27E-02	1.75E-01	9.41E-03	3.29E-06	1.23E-02	1.94E-03	6.07E-04	1.19E-11	3.15E-04	8.35E-07	5.85E-07	9.23E-06	5.74E-06	3.44E-05	5.45E-07	1.24E-05	1.70E-03	1.57E-04	2.02E-03
671	SG_671	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.700	5.90E-03	1.24E-02	1.71E-01	9.37E-03	3.20E-06	1.19E-02	1.90E-03	5.92E-04	1.16E-11	3.07E-04	8.13E-07	5.69E-07	9.00E-06	5.60E-06	3.36E-05	5.31E-07	1.21E-05	1.65E-03	1.53E-04	1.97E-03
672	SG_672	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.700	5.33E-03	1.12E-02	1.55E-01	8.65E-03	2.89E-06	1.06E-02	1.71E-03	5.35E-04	1.05E-11	2.78E-04	7.35E-07	5.14E-07	8.13E-06	5.06E-06	3.03E-05	4.80E-07	1.10E-05	1.49E-03	1.38E-04	1.78E-03
673	SG_673	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.700	4.34E-03	9.12E-03	1.26E-01	7.19E-03	2.36E-06	8.39E-03	1.39E-03	4.35E-04	8.51E-12	2.26E-04	5.98E-07	4.18E-07	6.62E-06	4.12E-06	2.47E-05	3.91E-07	8.91E-06	1.22E-03	1.13E-04	1.45E-03
674	SG_674	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.700	3.94E-03	8.29E-03	1.15E-01	6.62E-03	2.14E-06	7.46E-03	1.27E-03	3.95E-04	7.73E-12	2.05E-04	5.43E-07	3.80E-07	6.01E-06	3.74E-06	2.24E-05	3.55E-07	8.10E-06	1.11E-03	1.02E-04	1.32E-03
675	SG_675	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.700	3.66E-03	7.70E-03	1.07E-01	6.18E-03	1.99E-06	6.71E-03	1.18E-03	3.67E-04	7.19E-12	1.91E-04	5.05E-07	3.54E-07	5.59E-06	3.48E-06	2.08E-05	3.30E-07	7.53E-06	1.03E-03	9.51E-05	1.22E-03
676	SG_676	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.700	3.30E-03	6.95E-03	9.64E-02	5.59E-03	1.79E-06	5.80E-03	1.06E-03	3.31E-04	6.48E-12	1.72E-04	4.56E-07	3.19E-07	5.04E-06	3.14E-06	1.88E-05	2.97E-07	6.79E-06	9.27E-04	8.58E-05	1.10E-03
677	SG_677	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.700	3.09E-03	6.50E-03	9.03E-02	5.23E-03	1.68E-06	5.26E-03	9.94E-04	3.10E-04	6.07E-12	1.61E-04	4.26E-07	2.99E-07	4.72E-06	2.94E-06	1.76E-05	2.78E-07	6.35E-06	8.67E-04	8.03E-05	1.03E-03
678	SG_678	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.700	3.07E-03	6.45E-03	8.97E-02	5.17E-03	1.67E-06	5.10E-03	9.85E-04	3.08E-04	6.02E-12	1.60E-04	4.23E-07	2.96E-07	4.68E-06	2.91E-06	1.74E-05	2.76E-07	6.30E-06	8.60E-04	7.96E-05	1.02E-03
679	SG_679	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.700	2.91E-03	6.12E-03	8.52E-02	4.90E-03	1.58E-06	4.70E-03	9.36E-04	2.92E-04	5.71E-12	1.52E-04	4.01E-07	2.81E-07	4.44E-06	2.76E-06	1.66E-05	2.62E-07	5.98E-06	8.17E-04	7.56E-05	9.73E-04
680	SG_680	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.700	2.86E-03	6.02E-03	8.39E-02	4.79E-03	1.55E-06	4.52E-03	9.20E-04	2.87E-04	5.62E-12	1.49E-04	3.95E-07	2.77E-07	4.37E-06	2.72E-06	1.63E-05	2.58E-07	5.88E-06	8.03E-04	7.43E-05	9.57E-04
681	SG_681	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.700	2.65E-03	5.57E-03	7.77E-02	4.43E-03	1.44E-06	4.05E-03	8.51E-04	2.66E-04	5.20E-12	1.38E-04	3.65E-07	2.56E-07	4.04E-06	2.51E-06	1.51E-05	2.38E-07	5.44E-06	7.43E-04	6.88E-05	8.85E-04
682	SG_682	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.700	2.51E-03	5.28E-03	7.37E-02	4.18E-03	1.36E-06	3.74E-03	8.06E-04	2.52E-04	4.92E-12	1.31E-04	3.46E-07	2.42E-07	3.83E-06	2.38E-06	1.43E-05	2.26E-07	5.16E-06	7.04E-04	6.51E-05	8.39E-04
683	SG_683	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.900	2.06E-03	4.34E-03	6.02E-02	3.80E-03	1.12E-06	3.85E-03	6.63E-04	2.07E-04	4.05E-12	1.07E-04	2.84E-07	1.99E-07	3.15E-06	1.96E-06	1.17E-05	1.86E-07	4.24E-06	5.79E-04	5.36E-05	6.90E-04
684	SG_684	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.900	2.22E-03	4.67E-03	6.48E-02	4.14E-03	1.21E-06	4.27E-03	7.14E-04	2.23E-04	4.36E-12	1.16E-04	3.06E-07	2.14E-07	3.39E-06	2.11E-06	1.26E-05	2.00E-07	4.57E-06	6.23E-04	5.77E-05	7.43E-04
685	SG_685	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.900	2.36E-03	4.96E-03	6.88E-02	4.43E-03	1.28E-06	4.66E-03	7.59E-04	2.37E-04	4.63E-12	1.23E-04	3.25E-07	2.27E-07	3.60E-06	2.24E-06	1.34E-05	2.12E-07	4.85E-06	6.62E-04	6.13E-05	7.89E-04
686	SG_686	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.900	2.42E-03	5.08E-03	7.04E-02	4.54E-03	1.31E-06	4.84E-03	7.76E-04	2.42E-04	4.74E-12	1.26E-04	3.33E-07	2.33E-07	3.69E-06	2.29E-06	1.37E-05	2.17E-07	4.96E-06	6.78E-04	6.27E-05	8.07E-04
687	SG_687	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.900	2.49E-03	5.24E-03	7.26E-02	4.69E-03	1.35E-06	5.06E-03	8.01E-04	2.50E-04	4.89E-12	1.30E-04	3.43E-07	2.40E-07	3.80E-06	2.37E-06	1.42E-05	2.24E-07	5.12E-06	6.99E-04	6.47E-05	8.33E-04
688	SG_688	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.900	2.60E-03	5.46E-03	7.57E-02	4.91E-03	1.41E-06	5.36E-03	8.35E-04	2.61E-04	5.10E-12	1.35E-04	3.58E-07	2.51E-07	3.96E-06	2.47E-06	1.48E-05	2.34E-07	5.34E-06	7.29E-04	6.74E-05	8.68E-04
689	SG_689	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.900	2.69E-03	5.65E-03	7.83E-02	5.06E-03	1.46E-06	5.56E-03	8.64E-04	2.69E-04	5.27E-12	1.40E-04	3.71E-07	2.60E-07	4.10E-06	2.55E-06	1.53E-05	2.42E-07	5.52E-06	7.54E-04	6.97E-05	8.98E-04
690	SG_690	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6368.900	2.87E-03	6.03E-03	8.35E-02	5.33E-03	1.56E-06	5.91E-03	9.21E-04	2.87E-04	5.62E-12	1.49E-04	3.96E-07	2.78E-07	4.37E-06	2.72E-06	1.63E-05	2.58E-07	5.89E-06	8.04E-04	7.44E-05	9.58E-04
691	SG_691	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6368.900	3.26E-03	6.86E-03	9.49E-02	5.94E-03	1.77E-06	6.66E-03	1.05E-03	3.27E-04	6.40E-12	1.70E-04	4.50E-07	3.16E-07	4.97E-06	3.10E-06	1.85E-05	2.94E-07	6.70E-06	9.14E-04	8.46E-05	1.09E-03
692	SG_692	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6368.900	4.01E-03	8.42E-03	1.16E-01	7.12E-03	2.18E-06	8.13E-03	1.29E-03	4.02E-04	7.86E-12	2.09E-04	5.54E-07	3.89E-07	6.11E-06	3.81E-06	2.28E-05	3.61E-07	8.23E-06	1.12E-03	1.04E-04	1.34E-03
693	SG_693	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6368.900	4.92E-03	1.04E-02	1.43E-01	8.52E-03	2.68E-06	9.98E-03	1.58E-03	4.94E-04	9.66E-12	2.57E-04	6.80E-07	4.79E-07	7.51E-06	4.68E-06	2.80E-05	4.43E-07	1.01E-05	1.38E-03	1.28E-04	1.65E-03
694	SG_694	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.900	6.29E-03	1.32E-02	1.83E-01	1.07E-02	3.42E-06	1.29E-02	2.02E-03	6.31E-04	1.23E-11	3.28E-04	8.69E-07	6.11E-07	9.60E-06	5.98E-06	3.58E-05	5.67E-07	1.29E-05	1.76E-03	1.63E-04	2.10E-03
695	SG_695	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.900	7.35E-03	1.54E-02	2.13E-01	1.24E-02	3.99E-06	1.53E-02	2.36E-03	7.37E-04	1.44E-11	3.83E-04	1.01E-06	7.10E-07	1.12E-05	6.98E-06	4.18E-05	6.62E-07	1.51E-05	2.06E-03	1.91E-04	2.46E-03
696	SG_696	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.900	7.82E-03	1.64E-02	2.26E-01	1.31E-02	4.24E-06	1.68E-02	2.51E-03	7.84E-04	1.53E-11	4.07E-04	1.08E-06	7.51E-07	1.19E-05	7.41E-06	4.45E-05	7.03E-07	1.61E-05	2.19E-03	2.03E-04	2.61E-03

AQIA DATA - SCENARIO 1 GRID MAX

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							0.124	0.260	3.550	0.199	6.74E-05	0.358	0.040	0.012	2.43E-10	6.46E-03	1.72E-05	1.22E-05	1.89E-04	1.18E-04	7.05E-04	1.12E-05	2.54E-04	0.035	0.003	0.041
Receptor ID of Maximum Offsite Concentration / Deposition Rate							NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837
Coordinates of Maximum Offsite Concentration/ Deposition Rate						X	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464
						Y	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607
697	SG_697	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.900	6.82E-03	1.43E-02	1.98E-01	1.10E-02	3.70E-06	1.44E-02	2.19E-03	6.84E-04	1.34E-11	3.55E-04	9.38E-07	6.54E-07	1.04E-05	6.47E-06	3.88E-05	6.14E-07	1.40E-05	1.91E-03	1.77E-04	2.28E-03
698	SG_698	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.900	5.92E-03	1.24E-02	1.72E-01	9.31E-03	3.21E-06	1.22E-02	1.90E-03	5.94E-04	1.16E-11	3.08E-04	8.14E-07	5.68E-07	9.03E-06	5.61E-06	3.37E-05	5.33E-07	1.22E-05	1.66E-03	1.54E-04	1.98E-03
699	SG_699	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.900	5.02E-03	1.05E-02	1.46E-01	7.81E-03	2.72E-06	1.02E-02	1.61E-03	5.03E-04	9.84E-12	2.61E-04	6.90E-07	4.82E-07	7.65E-06	4.76E-06	2.85E-05	4.51E-07	1.03E-05	1.41E-03	1.30E-04	1.68E-03
700	SG_700	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.900	4.63E-03	9.74E-03	1.35E-01	7.18E-03	2.51E-06	9.28E-03	1.49E-03	4.64E-04	9.09E-12	2.41E-04	6.39E-07	4.48E-07	7.06E-06	4.40E-06	2.63E-05	4.17E-07	9.51E-06	1.30E-03	1.20E-04	1.55E-03
701	SG_701	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.900	5.01E-03	1.05E-02	1.45E-01	7.80E-03	2.72E-06	9.97E-03	1.61E-03	5.02E-04	9.83E-12	2.61E-04	6.91E-07	4.85E-07	7.64E-06	4.76E-06	2.85E-05	4.51E-07	1.03E-05	1.41E-03	1.30E-04	1.67E-03
702	SG_702	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.900	5.14E-03	1.08E-02	1.49E-01	8.09E-03	2.79E-06	1.00E-02	1.65E-03	5.15E-04	1.01E-11	2.67E-04	7.08E-07	4.96E-07	7.83E-06	4.88E-06	2.92E-05	4.62E-07	1.05E-05	1.44E-03	1.33E-04	1.72E-03
703	SG_703	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.900	4.66E-03	9.80E-03	1.36E-01	7.47E-03	2.53E-06	8.90E-03	1.50E-03	4.68E-04	9.15E-12	2.43E-04	6.43E-07	4.50E-07	7.11E-06	4.43E-06	2.65E-05	4.20E-07	9.58E-06	1.31E-03	1.21E-04	1.56E-03
704	SG_704	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.900	4.16E-03	8.74E-03	1.21E-01	6.80E-03	2.26E-06	7.83E-03	1.34E-03	4.17E-04	8.16E-12	2.17E-04	5.74E-07	4.02E-07	6.35E-06	3.95E-06	2.37E-05	3.75E-07	8.55E-06	1.17E-03	1.08E-04	1.39E-03
705	SG_705	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.900	3.63E-03	7.62E-03	1.06E-01	6.03E-03	1.97E-06	6.70E-03	1.16E-03	3.64E-04	7.11E-12	1.89E-04	5.00E-07	3.50E-07	5.53E-06	3.44E-06	2.06E-05	3.26E-07	7.45E-06	1.02E-03	9.41E-05	1.21E-03
706	SG_706	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.900	3.27E-03	6.87E-03	9.53E-02	5.51E-03	1.77E-06	5.90E-03	1.05E-03	3.28E-04	6.41E-12	1.70E-04	4.50E-07	3.15E-07	4.98E-06	3.10E-06	1.86E-05	2.94E-07	6.71E-06	9.16E-04	8.48E-05	1.09E-03
707	SG_707	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.900	3.01E-03	6.32E-03	8.78E-02	5.09E-03	1.63E-06	5.25E-03	9.66E-04	3.02E-04	5.90E-12	1.57E-04	4.15E-07	2.90E-07	4.59E-06	2.85E-06	1.71E-05	2.71E-07	6.18E-06	8.43E-04	7.80E-05	1.00E-03
708	SG_708	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.900	2.95E-03	6.20E-03	8.62E-02	4.99E-03	1.60E-06	5.01E-03	9.47E-04	2.96E-04	5.78E-12	1.54E-04	4.07E-07	2.85E-07	4.50E-06	2.80E-06	1.68E-05	2.65E-07	6.05E-06	8.27E-04	7.65E-05	9.85E-04
709	SG_709	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.900	2.94E-03	6.17E-03	8.59E-02	4.96E-03	1.59E-06	4.88E-03	9.43E-04	2.94E-04	5.76E-12	1.53E-04	4.05E-07	2.84E-07	4.48E-06	2.79E-06	1.67E-05	2.64E-07	6.03E-06	8.23E-04	7.62E-05	9.81E-04
710	SG_710	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.900	2.74E-03	5.76E-03	8.03E-02	4.62E-03	1.49E-06	4.40E-03	8.81E-04	2.75E-04	5.38E-12	1.43E-04	3.78E-07	2.65E-07	4.18E-06	2.60E-06	1.56E-05	2.47E-07	5.63E-06	7.69E-04	7.11E-05	9.16E-04
711	SG_711	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.900	2.58E-03	5.42E-03	7.56E-02	4.34E-03	1.40E-06	4.01E-03	8.28E-04	2.58E-04	5.06E-12	1.34E-04	3.56E-07	2.49E-07	3.93E-06	2.45E-06	1.47E-05	2.32E-07	5.29E-06	7.23E-04	6.69E-05	8.61E-04
712	SG_712	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.900	2.41E-03	5.07E-03	7.09E-02	4.05E-03	1.31E-06	3.63E-03	7.75E-04	2.42E-04	4.73E-12	1.26E-04	3.33E-07	2.33E-07	3.68E-06	2.29E-06	1.37E-05	2.17E-07	4.96E-06	6.77E-04	6.26E-05	8.06E-04
713	SG_713	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.900	2.21E-03	4.66E-03	6.52E-02	3.71E-03	1.20E-06	3.22E-03	7.11E-04	2.22E-04	4.34E-12	1.15E-04	3.05E-07	2.14E-07	3.38E-06	2.10E-06	1.26E-05	1.99E-07	4.55E-06	6.21E-04	5.75E-05	7.40E-04
714	SG_714	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.100	2.01E-03	4.24E-03	5.89E-02	3.81E-03	1.09E-06	3.72E-03	6.48E-04	2.02E-04	3.95E-12	1.05E-04	2.77E-07	1.94E-07	3.07E-06	1.91E-06	1.15E-05	1.81E-07	4.14E-06	5.65E-04	5.23E-05	6.74E-04
715	SG_715	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.100	2.11E-03	4.44E-03	6.17E-02	4.04E-03	1.15E-06	4.01E-03	6.79E-04	2.12E-04	4.15E-12	1.10E-04	2.91E-07	2.03E-07	3.22E-06	2.00E-06	1.20E-05	1.90E-07	4.34E-06	5.93E-04	5.48E-05	7.06E-04
716	SG_716	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.100	2.17E-03	4.56E-03	6.33E-02	4.17E-03	1.18E-06	4.19E-03	6.96E-04	2.17E-04	4.25E-12	1.13E-04	2.98E-07	2.08E-07	3.30E-06	2.06E-06	1.23E-05	1.95E-07	4.45E-06	6.07E-04	5.62E-05	7.24E-04
717	SG_717	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.100	2.24E-03	4.71E-03	6.54E-02	4.34E-03	1.22E-06	4.42E-03	7.20E-04	2.25E-04	4.40E-12	1.17E-04	3.09E-07	2.16E-07	3.42E-06	2.13E-06	1.28E-05	2.02E-07	4.61E-06	6.29E-04	5.82E-05	7.49E-04
718	SG_718	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.100	2.33E-03	4.90E-03	6.79E-02	4.52E-03	1.26E-06	4.66E-03	7.48E-04	2.33E-04	4.57E-12	1.21E-04	3.21E-07	2.24E-07	3.55E-06	2.21E-06	1.32E-05	2.10E-07	4.78E-06	6.53E-04	6.04E-05	7.78E-04
719	SG_719	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.100	2.38E-03	5.01E-03	6.95E-02	4.58E-03	1.29E-06	4.76E-03	7.65E-04	2.39E-04	4.67E-12	1.24E-04	3.28E-07	2.30E-07	3.63E-06	2.26E-06	1.35E-05	2.14E-07	4.89E-06	6.68E-04	6.18E-05	7.96E-04
720	SG_720	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.100	2.59E-03	5.45E-03	7.57E-02	4.94E-03	1.41E-06	5.19E-03	8.33E-04	2.60E-04	5.09E-12	1.35E-04	3.58E-07	2.51E-07	3.96E-06	2.46E-06	1.48E-05	2.33E-07	5.33E-06	7.27E-04	6.73E-05	8.67E-04
721	SG_721	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6369.100	2.83E-03	5.96E-03	8.26E-02	5.24E-03	1.54E-06	5.57E-03	9.10E-04	2.84E-04	5.56E-12	1.48E-04	3.91E-07	2.75E-07	4.32E-06	2.69E-06	1.61E-05	2.55E-07	5.82E-06	7.94E-04	7.35E-05	9.47E-04
722	SG_722	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6369.100	3.31E-03	6.96E-03	9.65E-02	5.95E-03	1.80E-06	6.45E-03	1.06E-03	3.32E-04	6.50E-12	1.73E-04	4.57E-07	3.22E-07	5.05E-06	3.15E-06	1.88E-05	2.98E-07	6.80E-06	9.29E-04	8.60E-05	1.11E-03
723	SG_723	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6369.100	3.98E-03	8.36E-03	1.16E-01	6.98E-03	2.16E-06	7.75E-03	1.28E-03	3.99E-04	7.80E-12	2.07E-04	5.49E-07	3.86E-07	6.07E-06	3.78E-06	2.26E-05	3.58E-07	8.17E-06	1.12E-03	1.03E-04	1.33E-03
724	SG_724	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6369.100	4.86E-03	1.02E-02	1.41E-01	8.37E-03	2.64E-06	9.55E-03	1.56E-03	4.88E-04	9.54E-12	2.53E-04	6.72E-07	4.72E-07	7.42E-06	4.62E-06	2.77E-05	4.38E-07	9.99E-06	1.36E-03	1.26E-04	1.63E-03
725	SG_725	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6369.100	5.52E-03	1.16E-02	1.60E-01	9.36E-03	3.00E-06	1.10E-02	1.77E-03	5.54E-04	1.08E-11	2.88E-04	7.62E-07	5.35E-07	8.42E-06	5.24E-06	3.14E-05	4.97E-07	1.13E-05	1.55E-03	1.43E-04	1.85E-03
726	SG_726	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6369.100	5.89E-03	1.24E-02	1.71E-01	9.92E-03	3.20E-06	1.19E-02	1.89E-03	5.91E-04	1.16E-11	3.07E-04	8.12E-07	5.68E-07	8.98E-06	5.59E-06	3.35E-05	5.30E-07	1.21E-05	1.65E-03	1.53E-04	1.97E-03
727	SG_727	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6369.100	5.71E-03	1.20E-02	1.66E-01	9.49E-03	3.10E-06	1.16E-02	1.83E-03	5.72E-04	1.12E-11	2.97E-04	7.86E-07	5.48E-07	8.71E-06	5.41E-06	3.25E-05	5.14E-07	1.17E-05	1.60E-03	1.48E-04	1.91E-03
728	SG_728	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.100	5.37E-03	1.13E-02	1.56E-01	8.71E-03	2.91E-06	1.09E-02	1.72E-03	5.38E-04	1.05E-11	2.80E-04	7.38E-07	5.15E-07	8.19E-06	5.09E-06	3.05E-05	4.83E-07	1.10E-05	1.51E-03	1.39E-04	1.79E-03
729	SG_729	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.100	4.72E-03	9.92E-03	1.37E-01	7.47E-03	2.56E-06	9.35E-03	1.52E-03	4.73E-04	9.26E-12	2.46E-04	6.49E-07	4.53E-07	7.20E-06	4.48E-06	2.68E-05	4.25E-07	9.70E-06	1.32E-03	1.22E-04	1.58E-03
730	SG_730	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.100	4.22E-03	8.88E-03	1.23E-01	6.66E-03	2.29E-06	8.39E-03	1.36E-03	4.24E-04	8.29E-12	2.20E-04	5.81E-07	4.06E-07	6.44E-06	4.01E-06	2.40E-05	3.80E-07	8.68E-06	1.18E-03	1.10E-04	1.41E-03
731	SG_731	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.100	3.90E-03	8.20E-03	1.14E-01	6.12E-03	2.12E-06	7.66E-03	1.25E-03	3.91E-04	7.65E-12	2.03E-04	5.38E-07	3.76E-07	5.95E-06	3.70E-06	2.22E-05	3.51E-07	8.01E-06	1.09E-03	1.01E-04	1.30E-03
732	SG_732	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.100	4.06E-03	8.54E-03	1.18E-01	6.35E-03	2.21E-06	7.86E-03	1.30E-03	4.07E-04	7.97E-12	2.11E-04	5.60E-07	3.93E-07	6.19E-06	3.86E-06	2.31E-05	3.66E-07	8.34E-06	1.14E-03	1.05E-04	1.36E-03
733	SG_733	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.100	4.24E-03	8.91E-03	1.23E-01	6.66E-03	2.30E-06	8.02E-03	1.36E-03	4.25E-04	8.32E-12	2.21E-04	5.85E-07	4.11E-07	6.47E-06	4.03E-06	2.41E-05	3.82E-07	8.71E-06	1.19E-03	1.10E-04	1.42E-03
734	SG_734	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.100	4.01E-03	8.43E-03	1.17E-01	6.37E-03	2.18E-06	7.37E-03	1.29E-03	4.02E-04	7.87E-12	2.09E-04	5.53E-07	3.87E-07	6.12E-06	3.81E-06	2.28E-05	3.61E-07	8.24E-06	1.12E-03	1.04E-04	1.34E-03
735	SG_735	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.100	3.74E-03	7.87E-03	1.09E-01	6.05E-03	2.03E-06	6.78E-03	1.20E-03	3.75E-04	7.35E-12	1.95E-04	5.16E-07	3.62E-07	5.71E-06	3.55E-06	2.13E-05	3.37E-07	7.69E-06	1.05E-03	9.72E-05	1.25E-03
736	SG_736	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.100	3.37E-03	7.08E-03	9.84E-02	5.54E-03	1.83E-06	6.02E-03	1.08E-03	3.38E-04	6.61E-12	1.76E-04	4.65E-07	3.26E-07	5.14E-06	3.20E-06	1.92E-05	3.03E-07	6.92E-06	9.45E-04	8.75E-05	1.13E-03
737	SG_737	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.100	3.03E-03	6.36E-03	8.85E-02	5.06E-03	1.64E-06	5.34E-03	9.73E-04	3.04E-04	5.94E-12	1.58E-04	4.17E-07	2.93E-07	4.62E-06	2.87E-06	1.72E-05	2.73E-07	6.22E-06	8.49E-04	7.86E-05	1.01E-03
738	SG_738	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.100	2.83E-03	5.94E-03	8.27E-02	4.78E-03	1.53E-06	4.91E-03	9.08E-04	2.83E-04	5.55E-12	1.47E-04	3.90E-07	2.73E-07	4.31E-06	2.68E-06	1.61E-05	2.54E-07	5.81E-06	7.93E-04	7.34E-05	9.45E-04
739	SG_739	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.100	2.68E-03	5.63E-03	7.84E-02	4.55E-03	1.45E-06	4.53E-03	8.61E-04	2.69E-04	5.25E-12	1.40E-04	3.69E-07	2.59E-07	4.09E-06	2.54E-06	1.52E-05	2.41E-07	5.50E-06	7.51E-04	6.95E-05	8.95E-04
740	SG_740	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.100	2.71E-03	5.69E-03	7.93E-02	4.58E-03	1.47E-06	4.49E-03	8.70E-04	2.71E-04	5.31E-12	1.41E-04	3.74E-07	2.62E-07	4.13E-06	2.57E-06	1.54E-05	2.44E-07	5.56E-06	7.59E-04	7.03E-05	9.05E-04
741	SG_741	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.100	2.55E-03	5.36E-03	7.48E-02	4.31E-03	1.39E-06	4.07E-03	8.20E-04	2.56E-04	5.01E-12	1.33E-04	3.52E-07	2.47E-07	3.89E-06	2.42E-06	1.45E-05	2.30E-07	5.24E-06	7.16E-04	6.62E-05	8.53E-04
742	SG_742	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.100	2.30E-03	4.84E-03	6.76E-02	3.89E-03	1.25E-06	3.51E-03	7.39E-04	2.31E-04	4.51E-12	1.20E-04	3.17E-07	2.23E-07	3.51E-06	2.18E-06	1.31E-05	2.07E-07	4.72E-06	6.45E-04	5.97E-05	7.69E-04
743	SG_743	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.100	2.24E-03	4.70E-03	6.58E-02	3.77E-03	1.22E-06	3.33E-03	7.19E-04	2.24E-04	4.39E-12	1.17E-04	3.09E-07	2.17E-07	3.41E-06	2.12E-06	1.27E-05	2.01E-07	4.59E-06	6.27E-04	5.81E-05	7.48E-04
744	SG_744	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.100	2.10E-03	4.41E-03	6.18E-02	3.53E-03	1.14E-06	3.02E-03	6.74E-04	2.10E-04	4.11E-12	1.09E-04	2.89E-07	2.03E-07	3.20E-06	1.99E-06	1.19E-05	1.89E-07	4.31E-06	5.88E-04	5.44E-05	7.01E-04
745	SG_745	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.300	1.98E-03	4.16E-03	5.80E-02	3.86E-03	1.07E-06	3.62E-03	6.36E-04	1.99E-04	3.89E-12	1.03E-04	2.72E-07	1.90E-07	3.02E-06	1.88E-06	1.13E-05	1.78E-07	4.07E-06	5.55E-04	5.14E-05	6.62E-04
746	SG_746	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.300	1.94E-03	4.09E-03	5.69E-02	3.80E-03	1.05E-06	3.60E-03	6.25E-04	1.95E-04	3.81E-12	1.01E-04	2.67E-07	1.87E-07	2.97E-06	1.84E-06	1.11E-05	1.75E-07	3.99E-06	5.45E-04	5.05E-05	6.50E-04
747	SG_747	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.300	1.99E-03	4.19E-03	5.83E-02	3.92E-03	1.08E-06	3.76E-03	6.40E-04	2.00E-04	3.91E-12	1.04E-04	2.74E-07	1.92E-07	3.04E-06	1.89E-06	1.13E-05	1.79E-07	4.09E-06	5.59E-04	5.17E-05	6.66E-04
748	SG_748	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.300	2.04E-03	4.28E-03	5.96E-02	4.01E-03	1.11E-06	3.90E-03	6.54E-04	2.04E-04	4.00E-12	1.06E-04	2.81E-07	1.96E-07	3.11E-06	1.93E-06	1.16E-05	1.83E-07	4.18E-06	5.71E-04	5.29E-05	6.81E-04
749	SG_749	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.300	2.18E-03	4.58E-03	6.37E-02	4.29E-03	1.18E-06	4.22E-03	7.00E-04	2.18E-04	4.27E-12	1.13E-04	3.00E-07	2.10E-07	3.32E-06	2.07E-06	1.24E-05	1.96E-07	4.48E-06	6.11E-04	5.65E-05	7.28E-04
750	SG_750	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.300	2.28E-03	4.80E-03	6.67E-02	4.40E-03	1.24E-06	4.38E-03	7.33E-04	2.29E-04	4.47E-12	1.19E-04	3.14E-07	2.20E-07	3.48E-06	2.16E-06	1.30E-05	2.05E-07	4.68E-06	6.39E-04	5.92E-05	7.62E-04
751	SG_751	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.300	2.54E-03	5.33E-03	7.41E-02	4.77E-03	1.38E-06	4.81E-03	8.15E-04	2.54E-04	4.97E-12	1.32E-04	3.50E-07	2.46E-07	3.87E-06	2.41E-06	1.44E-05	2.28E-07	5.21E-06	7.11E-04	6.58E-05	8.48E-04
752	SG_752	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6369.300	2.86E-03	6.02E-03	8.36E-02	5.21E-03	1.56E-06	5.37E-03	9.20E-04	2.87E-04	5.62E-12	1.49E-04	3.95E-07	2.78E-07	4.37E-06	2.72E-06	1.63E-05	2.58E-07	5.88E-06	8.03E-04	7.43E-05	9.57E-04
753	SG_753	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6369.300	3.44E-03	7.23E-03	1.00E-01	6.10E-03	1.87E-06	6.46E-03	1.11E-03	3.45E-04	6.75E-12	1.79E-04	4.75E-07	3.34E-07	5.25E-06	3.27E-06	1.96E-05	3.10E-07	7.07E-06	9.65E-04	8.93E-05	1.15E-03
754	SG_754	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6369.300	4.10E-03	8.62E-03	1.20E-01	7.13E-03	2.23E-06	7.76E-03	1.32E-03	4.11E-04	8.05E-12	2.14E-04	5.66E-07	3.98E-07	6.26E-06	3.90E-06	2.33E-05	3.69E-07	8.42E-06	1.15E-03	1.06E-04	1.37E-03
755	SG_755	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6369.300	4.64E-03	9.75E-03	1.35E-01	7.95E-03	2.52E-06	8.86E-03	1.49E-03	4.65E-04	9.10E-12	2.42E-04	6.40E-07	4.49E-07	7.07E-06	4.40E-06	2.64E-05	4.17E-07	9.52E-06	1.30E-03	1.20E-04	1.55E-03
756	SG_756	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6369.300	4.99E-03	1.05E-02	1.45E-01	8.49E-03	2.71E-06	9.66E-03	1.60E-03	5.01E-04	9.79E-12	2.60E-04	6.88E-07	4.82E-07	7.61E-06	4.74E-06	2.84E-05	4.49E-07	1.03E-05	1.40E-03	1.30E-04	1.67E-03
757	SG_757	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.300	4.99E-03	1.05E-02	1.45E-01	8.44E-03	2.71E-06	9.79E-03	1.60E-03	5.01E-04	9.79E-12	2.60E-04	6.88E-07	4.81E-07	7.61E-06	4.74E-06	2.84E-05	4.49E-07	1.03E-05	1.40E-03	1.30E-04	1.67E-03
758	SG_758	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6369.300	4.66E-03	9.79E-03	1.36E-01	7.74E-03	2.53E-06	9.17E-03	1.50E-03	4.67E-04	9.13E-12	2.42E-04	6.41E-07	4.47E-07	7.10E-06	4.42E-06	2.65E-05	4.19E-07	9.57E-06	1.31E-03	1.21E-04	1.56E-03
759	SG_759	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.300	4.29E-03	9.01E-03	1.25E-01	6.96E-03	2.32E-06	8.35E-03	1.38E-03	4.30E-04	8.41E-12	2.23E-04	5.89E-07	4.11E-07	6.54E-06	4.06E-06	2.44E-05	3.86E-07	8.80E-06	1.20E-03	1.11E-04	1.43E-03
760	SG_760	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.300	3.86E-03	8.12E-03	1.13E-01	6.15E-03	2.09E-06	7.39E-03	1.24E-03	3.87E-04	7.57E-12	2.01E-04	5.31E-07	3.70E-07	5.89E-06	3.66E-06	2.20E-05	3.47E-07	7.93E-06	1.08E-03	1.00E-04	1.29E-03
761	SG_761	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.300	3.47E-03	7.29E-03	1.01E-01	5.51E-03	1.88E-06	6.64E-03	1.11E-03	3.48E-04	6.81E-12	1.81E-04	4.77E-07	3.33E-07	5.29E-06	3.29E-06	1.97E-05	3.12E-07	7.13E-06	9.73E-04	9.00E-05	1.16E-03
762	SG_762	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.300	3.24E-03	6.82E-03	9.47E-02	5.14E-03	1.76E-06	6.18E-03	1.04E-03	3.25E-04	6.36E-12	1.69E-04	4.47E-07	3.13E-07	4.95E-06	3.08E-06	1.85E-05	2.92E-07	6.66E-06	9.10E-04	8.42E-05	1.08E-03
763	SG_763	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.300	3.23E-03	6.80E-03	9.44E-02	5.09E-03	1.76E-06	6.04E-03	1.04E-03	3.24E-04	6.34E-12	1.68E-04	4.46E-07	3.13E-07	4.93E-06	3.07E-06	1.84E-05	2.91E-07	6.64E-06	9.07E-04	8.39E-05	1.08E-03
764	SG_764	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.300	3.53E-03	7.43E-03	1.03E-01	5.56E-03	1.92E-06	6.51E-03	1.14E-03	3.54E-04	6.93E-12	1.84E-04	4.88E-07	3.43E-07	5.39E-06	3.36E-06	2.01E-05	3.18E-07	7.26E-06	9.91E-04	9.17E-05	1.18E-03
765	SG_765	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.300	3.66E-03	7.70E-03	1.07E-01	5.80E-03	1.99E-06	6.61E-03	1.18E-03	3.67E-04	7.19E-12	1.91E-04	5.05E-07	3.55E-07	5.59E-06	3.48E-06	2.08E-05	3.30E-07	7.52E-06	1.03E-03	9.51E-05	1.22E-03
766	SG_766	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.300	3.49E-03	7.34E-03	1.02E-01	5.60E-03	1.90E-06	6.17E-03	1.12E-03	3.50E-04	6.85E-12	1.82E-04	4.82E-07	3.38E-07	5.33E-06	3.32E-06	1.99E-05	3.14E-07	7.18E-06	9.80E-04	9.07E-05	1.17E-03
767	SG_767	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.300	3.11E-03	6.54E-03	9.10E-02	5.06E-03	1.69E-06	5.37E-03	1.00E-03	3.12E-04	6.10E-12	1.62E-04	4.29E-07	3.01E-07	4.75E-06	2.95E-06	1.77E-05	2.80E-07	6.39E-06	8.72E-04	8.07E-05	1.04E-03
768	SG_768	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.300	2.84E-03	5.98E-03	8.32E-02	4.70E-03	1.54E-06	4.86E-03	9.14E-04	2.85E-04	5.58E-12	1.48E-04	3.92E-07	2.75E-07	4.34E-06	2.70E-06	1.62E-05	2.56E-07	5.84E-06	7.98E-04	7.38E-05	9.51E-04
769	SG_769	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.300	2.53E-03	5.33E-03	7.42E-02	4.25E-03	1.38E-06	4.25E-03	8.14E-04	2.54E-04	4.97E-12	1.32E-04	3.49E-07	2.45E-07	3.86E-06	2.41E-06	1.44E-05	2.28E-07	5.20E-06	7.11E-04	6.58E-05	8.47E-04
770	SG_770	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.300	2.41E-03	5.08E-03	7.08E-02	4.09E-03	1.31E-06	4.00E-03	7.76E-04	2.42E-04	4.74E-12	1.26E-04	3.33E-07	2.33E-07	3.68E-06	2.29E-06	1.37E-05	2.17E-07	4.96E-06	6.77E-04	6.27E-05	8.07E-04
771	SG_771	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.300	2.47E-03	5.20E-03	7.26E-02	4.20E-03	1.34E-06	4.07E-03	7.95E-04	2.48E-04	4.85E-12	1.29E-04	3.41E-07	2.39E-07	3.77E-06	2.35E-06	1.41E-05	2.23E-07	5.08E-06	6.94E-04	6.42E-05	8.27E-04
772	SG_772	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.300	2.41E-03	5.07E-03	7.07E-02	4.08E-03	1.31E-06	3.86E-03	7.74E-04	2.42E-04	4.73E-12	1.26E-04	3.33E-07	2.33E-07	3.68E-06	2.29E-06	1.37E-05	2.17E-07	4.95E-06	6.76E-04	6.25E-05	8.05E-04
773	SG_773	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.300	2.18E-03	4.58E-03	6.41E-02	3.69E-03	1.18E-06	3.32E-03	7.00E-04	2.19E-04	4.28E-12	1.14E-04	3.01E-07	2.11E-07	3.32E-06	2.07E-06	1.24E-05	1.96E-07	4.48E-06	6.11E-04	5.66E-05	7.28E-04
774	SG_774	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.300	2.11E-03	4.45E-03	6.23E-02	3.57E-03	1.15E-06	3.13E-03	6.79E-04	2.12E-04	4.15E-12	1.10E-04	2.92E-07	2.05E-07	3.23E-06	2.01E-06	1.20E-05	1.90E-07	4.34E-06	5.93E-04	5.49E-05	7.07E-04
775	SG_775	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.300	2.25E-03	4.74E-03	6.63E-02	3.78E-03	1.22E-06	3.33E-03	7.24E-04	2.26E-04	4.42E-12	1.17E-04	3.11E-07	2.19E-07	3.44E-06	2.14E-06	1.28E-05	2.03E-07	4.63E-06	6.32E-04	5.85E-05	7.53E-04
776	SG_776	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.500	1.88E-03	3.96E-03	5.53E-02	3.75E-03	1.02E-06	3.37E-03	6.06E-04	1.89E-04	3.70E-12	9.81E-05	2.59E-07	1.81E-07	2.87E-06	1.79E-06	1.07E-05	1.70E-07	3.87E-06	5.29E-04	4.89E-05	6.30E-04
777	SG_777	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.500	1.87E-03	3.93E-03	5.48E-02	3.74E-03	1.01E-06	3.39E-03	6.01E-04	1.87E-04	3.67E-12	9.73E-05	2.57E-07	1.80E-07	2.85E-06	1.77E-06	1.06E-05	1.68E-07	3.84E-06	5.24E-04	4.85E-05	6.25E-04
778	SG_778	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.500	1.86E-03	3.91E-03	5.46E-02	3.71E-03	1.01E-06	3.40E-03	5.98E-04	1.87E-04	3.65E-12	9.69E-05	2.56E-07	1.79E-07	2.84E-06	1.77E-06	1.06E-05	1.67E-07	3.82E-06	5.22E-04	4.83E-05	6.22E-04
779	SG_779	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.500	1.94E-03	4.07E-03	5.68E-02	3.85E-03	1.05E-06	3.57E-03	6.22E-04	1.94E-04	3.80E-12	1.01E-04	2.67E-07	1.87E-07	2.95E-06	1.84E-06	1.10E-05	1.74E-07	3.98E-06	5.43E-04	5.03E-05	6.47E-04

AQIA DATA - SCENARIO 1 GRID MAX

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.124**	**0.260**	**3.550**	**0.199**	**6.74E-05**	**0.358**	**0.040**	**0.012**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**0.035**	**0.003**	**0.041**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
780	SG_780	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.500	2.08E-03	4.38E-03	6.10E-02	4.08E-03	1.13E-06	3.84E-03	6.69E-04	2.09E-04	4.09E-12	1.08E-04	2.87E-07	2.01E-07	3.18E-06	1.98E-06	1.18E-05	1.88E-07	4.28E-06	5.84E-04	5.41E-05	6.96E-04
781	SG_781	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.500	2.27E-03	4.77E-03	6.64E-02	4.32E-03	1.23E-06	4.13E-03	7.29E-04	2.27E-04	4.45E-12	1.18E-04	3.13E-07	2.19E-07	3.46E-06	2.15E-06	1.29E-05	2.04E-07	4.66E-06	6.36E-04	5.89E-05	7.58E-04
782	SG_782	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.500	2.58E-03	5.44E-03	7.56E-02	4.77E-03	1.40E-06	4.67E-03	8.30E-04	2.59E-04	5.07E-12	1.35E-04	3.57E-07	2.50E-07	3.94E-06	2.45E-06	1.47E-05	2.33E-07	5.31E-06	7.25E-04	6.71E-05	8.64E-04
783	SG_783	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6369.500	2.92E-03	6.15E-03	8.54E-02	5.25E-03	1.59E-06	5.27E-03	9.39E-04	2.93E-04	5.73E-12	1.52E-04	4.04E-07	2.83E-07	4.46E-06	2.78E-06	1.66E-05	2.63E-07	6.00E-06	8.20E-04	7.58E-05	9.77E-04
784	SG_784	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6369.500	3.44E-03	7.24E-03	1.01E-01	6.05E-03	1.87E-06	6.27E-03	1.11E-03	3.45E-04	6.76E-12	1.79E-04	4.75E-07	3.34E-07	5.25E-06	3.27E-06	1.96E-05	3.10E-07	7.07E-06	9.66E-04	8.94E-05	1.15E-03
785	SG_785	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6369.500	3.99E-03	8.39E-03	1.16E-01	6.90E-03	2.17E-06	7.36E-03	1.28E-03	4.00E-04	7.83E-12	2.08E-04	5.51E-07	3.87E-07	6.09E-06	3.79E-06	2.27E-05	3.59E-07	8.20E-06	1.12E-03	1.04E-04	1.33E-03
786	SG_786	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6369.500	4.43E-03	9.30E-03	1.29E-01	7.58E-03	2.40E-06	8.26E-03	1.42E-03	4.44E-04	8.68E-12	2.31E-04	6.10E-07	4.28E-07	6.75E-06	4.20E-06	2.52E-05	3.98E-07	9.09E-06	1.24E-03	1.15E-04	1.48E-03
787	SG_787	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6369.500	4.50E-03	9.47E-03	1.31E-01	7.67E-03	2.44E-06	8.50E-03	1.45E-03	4.51E-04	8.83E-12	2.34E-04	6.20E-07	4.34E-07	6.87E-06	4.27E-06	2.56E-05	4.05E-07	9.25E-06	1.26E-03	1.17E-04	1.50E-03
788	SG_788	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.500	4.25E-03	8.94E-03	1.24E-01	7.20E-03	2.31E-06	8.11E-03	1.37E-03	4.26E-04	8.34E-12	2.21E-04	5.86E-07	4.09E-07	6.49E-06	4.04E-06	2.42E-05	3.83E-07	8.74E-06	1.19E-03	1.10E-04	1.42E-03
789	SG_789	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6369.500	3.94E-03	8.28E-03	1.15E-01	6.56E-03	2.14E-06	7.55E-03	1.27E-03	3.95E-04	7.73E-12	2.05E-04	5.42E-07	3.78E-07	6.01E-06	3.74E-06	2.24E-05	3.54E-07	8.09E-06	1.10E-03	1.02E-04	1.32E-03
790	SG_790	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.500	3.55E-03	7.47E-03	1.04E-01	5.78E-03	1.93E-06	6.70E-03	1.14E-03	3.56E-04	6.97E-12	1.85E-04	4.88E-07	3.40E-07	5.42E-06	3.37E-06	2.02E-05	3.20E-07	7.30E-06	9.96E-04	9.22E-05	1.19E-03
791	SG_791	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.500	3.28E-03	6.90E-03	9.58E-02	5.26E-03	1.78E-06	6.11E-03	1.05E-03	3.29E-04	6.43E-12	1.71E-04	4.51E-07	3.15E-07	5.00E-06	3.11E-06	1.87E-05	2.95E-07	6.74E-06	9.20E-04	8.51E-05	1.10E-03
792	SG_792	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.500	2.93E-03	6.16E-03	8.56E-02	4.68E-03	1.59E-06	5.44E-03	9.41E-04	2.94E-04	5.74E-12	1.52E-04	4.03E-07	2.81E-07	4.47E-06	2.78E-06	1.67E-05	2.63E-07	6.02E-06	8.21E-04	7.60E-05	9.78E-04
793	SG_793	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.500	2.76E-03	5.80E-03	8.07E-02	4.41E-03	1.50E-06	5.11E-03	8.87E-04	2.77E-04	5.41E-12	1.44E-04	3.80E-07	2.66E-07	4.21E-06	2.62E-06	1.57E-05	2.48E-07	5.67E-06	7.74E-04	7.16E-05	9.22E-04
794	SG_794	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.500	2.81E-03	5.90E-03	8.20E-02	4.45E-03	1.52E-06	5.14E-03	9.01E-04	2.81E-04	5.50E-12	1.46E-04	3.87E-07	2.71E-07	4.28E-06	2.66E-06	1.60E-05	2.53E-07	5.76E-06	7.87E-04	7.28E-05	9.38E-04
795	SG_795	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.500	2.93E-03	6.17E-03	8.58E-02	4.64E-03	1.59E-06	5.26E-03	9.43E-04	2.94E-04	5.76E-12	1.53E-04	4.05E-07	2.85E-07	4.48E-06	2.79E-06	1.67E-05	2.64E-07	6.03E-06	8.23E-04	7.61E-05	9.81E-04
796	SG_796	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.500	3.30E-03	6.94E-03	9.65E-02	5.24E-03	1.79E-06	5.87E-03	1.06E-03	3.31E-04	6.48E-12	1.72E-04	4.56E-07	3.20E-07	5.04E-06	3.14E-06	1.88E-05	2.97E-07	6.78E-06	9.26E-04	8.57E-05	1.10E-03
797	SG_797	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.500	3.21E-03	6.75E-03	9.40E-02	5.14E-03	1.75E-06	5.55E-03	1.03E-03	3.22E-04	6.30E-12	1.67E-04	4.43E-07	3.11E-07	4.90E-06	3.05E-06	1.83E-05	2.89E-07	6.60E-06	9.01E-04	8.34E-05	1.07E-03
798	SG_798	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.500	2.92E-03	6.15E-03	8.56E-02	4.73E-03	1.59E-06	4.92E-03	9.40E-04	2.93E-04	5.74E-12	1.52E-04	4.03E-07	2.83E-07	4.46E-06	2.78E-06	1.66E-05	2.63E-07	6.01E-06	8.20E-04	7.59E-05	9.77E-04
799	SG_799	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.500	2.64E-03	5.55E-03	7.73E-02	4.32E-03	1.43E-06	4.36E-03	8.48E-04	2.65E-04	5.17E-12	1.37E-04	3.64E-07	2.55E-07	4.02E-06	2.50E-06	1.50E-05	2.37E-07	5.42E-06	7.40E-04	6.85E-05	8.82E-04
800	SG_800	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.500	2.51E-03	5.27E-03	7.35E-02	4.16E-03	1.36E-06	4.12E-03	8.05E-04	2.51E-04	4.92E-12	1.31E-04	3.46E-07	2.43E-07	3.82E-06	2.38E-06	1.43E-05	2.26E-07	5.15E-06	7.03E-04	6.50E-05	8.38E-04
801	SG_801	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.500	2.35E-03	4.94E-03	6.90E-02	3.95E-03	1.28E-06	3.83E-03	7.55E-04	2.36E-04	4.61E-12	1.22E-04	3.24E-07	2.28E-07	3.59E-06	2.23E-06	1.34E-05	2.12E-07	4.83E-06	6.59E-04	6.10E-05	7.86E-04
802	SG_802	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.500	2.29E-03	4.81E-03	6.72E-02	3.87E-03	1.24E-06	3.70E-03	7.35E-04	2.29E-04	4.49E-12	1.19E-04	3.15E-07	2.21E-07	3.49E-06	2.17E-06	1.30E-05	2.06E-07	4.70E-06	6.41E-04	5.93E-05	7.64E-04
803	SG_803	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.500	2.24E-03	4.71E-03	6.59E-02	3.80E-03	1.22E-06	3.57E-03	7.20E-04	2.25E-04	4.40E-12	1.17E-04	3.09E-07	2.17E-07	3.42E-06	2.13E-06	1.27E-05	2.02E-07	4.60E-06	6.29E-04	5.82E-05	7.49E-04
804	SG_804	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.500	2.05E-03	4.32E-03	6.05E-02	3.49E-03	1.12E-06	3.13E-03	6.60E-04	2.06E-04	4.03E-12	1.07E-04	2.84E-07	1.99E-07	3.13E-06	1.95E-06	1.17E-05	1.85E-07	4.22E-06	5.76E-04	5.33E-05	6.87E-04
805	SG_805	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.500	2.02E-03	4.26E-03	5.97E-02	3.42E-03	1.10E-06	3.01E-03	6.51E-04	2.03E-04	3.97E-12	1.05E-04	2.80E-07	1.96E-07	3.09E-06	1.92E-06	1.15E-05	1.82E-07	4.16E-06	5.68E-04	5.26E-05	6.77E-04
806	SG_806	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.500	2.06E-03	4.33E-03	6.07E-02	3.47E-03	1.12E-06	3.01E-03	6.62E-04	2.07E-04	4.04E-12	1.07E-04	2.85E-07	2.00E-07	3.14E-06	1.96E-06	1.17E-05	1.86E-07	4.23E-06	5.78E-04	5.35E-05	6.89E-04
807	SG_807	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.700	1.83E-03	3.86E-03	5.39E-02	3.71E-03	9.95E-07	3.21E-03	5.89E-04	1.84E-04	3.60E-12	9.55E-05	2.52E-07	1.76E-07	2.80E-06	1.74E-06	1.04E-05	1.65E-07	3.77E-06	5.14E-04	4.76E-05	6.13E-04
808	SG_808	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.700	1.74E-03	3.67E-03	5.13E-02	3.51E-03	9.46E-07	3.04E-03	5.60E-04	1.75E-04	3.42E-12	9.08E-05	2.40E-07	1.68E-07	2.66E-06	1.65E-06	9.92E-06	1.57E-07	3.58E-06	4.89E-04	4.53E-05	5.83E-04
809	SG_809	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.700	1.77E-03	3.72E-03	5.21E-02	3.54E-03	9.61E-07	3.10E-03	5.69E-04	1.78E-04	3.47E-12	9.22E-05	2.44E-07	1.71E-07	2.70E-06	1.68E-06	1.01E-05	1.59E-07	3.64E-06	4.96E-04	4.59E-05	5.92E-04
810	SG_810	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.700	1.84E-03	3.87E-03	5.41E-02	3.61E-03	9.99E-07	3.21E-03	5.91E-04	1.84E-04	3.61E-12	9.58E-05	2.54E-07	1.78E-07	2.81E-06	1.75E-06	1.05E-05	1.66E-07	3.78E-06	5.16E-04	4.77E-05	6.15E-04
811	SG_811	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.700	1.97E-03	4.15E-03	5.79E-02	3.78E-03	1.07E-06	3.41E-03	6.34E-04	1.98E-04	3.87E-12	1.03E-04	2.72E-07	1.91E-07	3.01E-06	1.87E-06	1.12E-05	1.78E-07	4.05E-06	5.53E-04	5.12E-05	6.59E-04
812	SG_812	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.700	2.26E-03	4.76E-03	6.63E-02	4.21E-03	1.23E-06	3.91E-03	7.27E-04	2.27E-04	4.44E-12	1.18E-04	3.12E-07	2.19E-07	3.45E-06	2.15E-06	1.29E-05	2.04E-07	4.64E-06	6.34E-04	5.87E-05	7.56E-04
813	SG_813	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.700	2.56E-03	5.39E-03	7.51E-02	4.65E-03	1.39E-06	4.44E-03	8.24E-04	2.57E-04	5.03E-12	1.33E-04	3.54E-07	2.48E-07	3.91E-06	2.43E-06	1.46E-05	2.31E-07	5.26E-06	7.19E-04	6.65E-05	8.57E-04
814	SG_814	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6369.700	2.96E-03	6.22E-03	8.66E-02	5.25E-03	1.61E-06	5.18E-03	9.51E-04	2.97E-04	5.81E-12	1.54E-04	4.09E-07	2.87E-07	4.52E-06	2.81E-06	1.68E-05	2.67E-07	6.08E-06	8.30E-04	7.68E-05	9.89E-04
815	SG_815	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6369.700	3.35E-03	7.05E-03	9.80E-02	5.85E-03	1.82E-06	5.94E-03	1.08E-03	3.36E-04	6.58E-12	1.75E-04	4.63E-07	3.25E-07	5.11E-06	3.18E-06	1.91E-05	3.02E-07	6.89E-06	9.40E-04	8.70E-05	1.12E-03
816	SG_816	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6369.700	3.75E-03	7.89E-03	1.10E-01	6.47E-03	2.04E-06	6.74E-03	1.21E-03	3.76E-04	7.36E-12	1.95E-04	5.18E-07	3.63E-07	5.72E-06	3.56E-06	2.13E-05	3.38E-07	7.70E-06	1.05E-03	9.74E-05	1.25E-03
817	SG_817	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6369.700	4.18E-03	8.78E-03	1.22E-01	7.16E-03	2.27E-06	7.62E-03	1.34E-03	4.19E-04	8.19E-12	2.18E-04	5.76E-07	4.03E-07	6.37E-06	3.96E-06	2.38E-05	3.76E-07	8.58E-06	1.17E-03	1.08E-04	1.40E-03
818	SG_818	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6369.700	4.09E-03	8.60E-03	1.19E-01	6.98E-03	2.22E-06	7.54E-03	1.31E-03	4.10E-04	8.02E-12	2.13E-04	5.63E-07	3.94E-07	6.24E-06	3.88E-06	2.33E-05	3.68E-07	8.40E-06	1.15E-03	1.06E-04	1.37E-03
819	SG_819	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.700	3.74E-03	7.86E-03	1.09E-01	6.34E-03	2.03E-06	6.97E-03	1.20E-03	3.75E-04	7.34E-12	1.95E-04	5.15E-07	3.60E-07	5.70E-06	3.55E-06	2.13E-05	3.37E-07	7.68E-06	1.05E-03	9.71E-05	1.25E-03
820	SG_820	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6369.700	3.40E-03	7.15E-03	9.94E-02	5.66E-03	1.84E-06	6.35E-03	1.09E-03	3.41E-04	6.67E-12	1.77E-04	4.68E-07	3.26E-07	5.19E-06	3.22E-06	1.93E-05	3.06E-07	6.99E-06	9.53E-04	8.82E-05	1.14E-03
821	SG_821	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.700	3.02E-03	6.35E-03	8.84E-02	4.93E-03	1.64E-06	5.54E-03	9.70E-04	3.03E-04	5.92E-12	1.57E-04	4.15E-07	2.90E-07	4.61E-06	2.86E-06	1.72E-05	2.72E-07	6.21E-06	8.47E-04	7.84E-05	1.01E-03
822	SG_822	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.700	2.71E-03	5.70E-03	7.93E-02	4.36E-03	1.47E-06	4.87E-03	8.70E-04	2.72E-04	5.31E-12	1.41E-04	3.72E-07	2.60E-07	4.13E-06	2.57E-06	1.54E-05	2.44E-07	5.56E-06	7.59E-04	7.03E-05	9.05E-04
823	SG_823	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.700	2.52E-03	5.30E-03	7.38E-02	4.06E-03	1.37E-06	4.55E-03	8.09E-04	2.53E-04	4.94E-12	1.31E-04	3.47E-07	2.42E-07	3.84E-06	2.39E-06	1.43E-05	2.27E-07	5.18E-06	7.06E-04	6.54E-05	8.42E-04
824	SG_824	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.700	2.43E-03	5.11E-03	7.12E-02	3.92E-03	1.32E-06	4.41E-03	7.80E-04	2.43E-04	4.76E-12	1.26E-04	3.34E-07	2.34E-07	3.70E-06	2.30E-06	1.38E-05	2.18E-07	4.99E-06	6.81E-04	6.30E-05	8.11E-04
825	SG_825	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.700	2.36E-03	4.97E-03	6.93E-02	3.78E-03	1.28E-06	4.19E-03	7.60E-04	2.37E-04	4.64E-12	1.23E-04	3.26E-07	2.28E-07	3.61E-06	2.24E-06	1.34E-05	2.13E-07	4.86E-06	6.63E-04	6.14E-05	7.90E-04
826	SG_826	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.700	2.45E-03	5.16E-03	7.19E-02	3.90E-03	1.33E-06	4.27E-03	7.89E-04	2.46E-04	4.81E-12	1.28E-04	3.39E-07	2.38E-07	3.74E-06	2.33E-06	1.40E-05	2.21E-07	5.04E-06	6.88E-04	6.37E-05	8.20E-04
827	SG_827	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.700	2.72E-03	5.71E-03	7.96E-02	4.31E-03	1.48E-06	4.67E-03	8.73E-04	2.72E-04	5.33E-12	1.41E-04	3.75E-07	2.64E-07	4.14E-06	2.58E-06	1.54E-05	2.45E-07	5.58E-06	7.62E-04	7.05E-05	9.08E-04
828	SG_828	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.700	2.84E-03	5.98E-03	8.33E-02	4.54E-03	1.54E-06	4.79E-03	9.14E-04	2.85E-04	5.58E-12	1.48E-04	3.93E-07	2.76E-07	4.34E-06	2.70E-06	1.62E-05	2.56E-07	5.84E-06	7.98E-04	7.38E-05	9.50E-04
829	SG_829	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.700	2.78E-03	5.86E-03	8.17E-02	4.49E-03	1.51E-06	4.60E-03	8.95E-04	2.79E-04	5.46E-12	1.45E-04	3.84E-07	2.69E-07	4.25E-06	2.64E-06	1.58E-05	2.51E-07	5.72E-06	7.81E-04	7.23E-05	9.31E-04
830	SG_830	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.700	2.57E-03	5.41E-03	7.55E-02	4.19E-03	1.40E-06	4.16E-03	8.26E-04	2.58E-04	5.05E-12	1.34E-04	3.55E-07	2.49E-07	3.92E-06	2.44E-06	1.46E-05	2.32E-07	5.28E-06	7.21E-04	6.67E-05	8.60E-04
831	SG_831	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.700	2.38E-03	5.00E-03	6.99E-02	3.92E-03	1.29E-06	3.80E-03	7.65E-04	2.39E-04	4.67E-12	1.24E-04	3.28E-07	2.30E-07	3.63E-06	2.26E-06	1.35E-05	2.14E-07	4.89E-06	6.67E-04	6.18E-05	7.95E-04
832	SG_832	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.700	2.16E-03	4.55E-03	6.36E-02	3.60E-03	1.18E-06	3.40E-03	6.95E-04	2.17E-04	4.24E-12	1.13E-04	2.99E-07	2.10E-07	3.30E-06	2.05E-06	1.23E-05	1.95E-07	4.44E-06	6.07E-04	5.61E-05	7.23E-04
833	SG_833	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.700	2.09E-03	4.40E-03	6.16E-02	3.52E-03	1.14E-06	3.28E-03	6.73E-04	2.10E-04	4.11E-12	1.09E-04	2.89E-07	2.03E-07	3.19E-06	1.99E-06	1.19E-05	1.89E-07	4.30E-06	5.87E-04	5.43E-05	7.00E-04
834	SG_834	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.700	1.99E-03	4.18E-03	5.86E-02	3.37E-03	1.08E-06	3.07E-03	6.39E-04	2.00E-04	3.90E-12	1.04E-04	2.75E-07	1.93E-07	3.04E-06	1.89E-06	1.13E-05	1.79E-07	4.09E-06	5.58E-04	5.16E-05	6.65E-04
835	SG_835	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.700	1.86E-03	3.92E-03	5.49E-02	3.16E-03	1.01E-06	2.80E-03	5.98E-04	1.87E-04	3.65E-12	9.70E-05	2.57E-07	1.80E-07	2.84E-06	1.77E-06	1.06E-05	1.68E-07	3.82E-06	5.22E-04	4.83E-05	6.22E-04
836	SG_836	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.700	1.80E-03	3.79E-03	5.32E-02	3.06E-03	9.79E-07	2.64E-03	5.79E-04	1.81E-04	3.53E-12	9.38E-05	2.49E-07	1.75E-07	2.75E-06	1.71E-06	1.02E-05	1.62E-07	3.70E-06	5.05E-04	4.68E-05	6.02E-04
837	SG_837	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.700	1.85E-03	3.88E-03	5.45E-02	3.12E-03	1.00E-06	2.66E-03	5.93E-04	1.85E-04	3.62E-12	9.62E-05	2.55E-07	1.79E-07	2.82E-06	1.75E-06	1.05E-05	1.66E-07	3.79E-06	5.18E-04	4.79E-05	6.17E-04
838	SG_838	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6369.900	1.69E-03	3.55E-03	4.98E-02	3.41E-03	9.17E-07	2.81E-03	5.43E-04	1.69E-04	3.31E-12	8.80E-05	2.33E-07	1.62E-07	2.58E-06	1.60E-06	9.61E-06	1.52E-07	3.47E-06	4.74E-04	4.38E-05	5.65E-04
839	SG_839	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6369.900	1.71E-03	3.60E-03	5.04E-02	3.43E-03	9.28E-07	2.87E-03	5.50E-04	1.72E-04	3.36E-12	8.91E-05	2.36E-07	1.65E-07	2.61E-06	1.62E-06	9.73E-06	1.54E-07	3.51E-06	4.80E-04	4.44E-05	5.72E-04
840	SG_840	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6369.900	1.71E-03	3.60E-03	5.04E-02	3.37E-03	9.29E-07	2.85E-03	5.50E-04	1.72E-04	3.36E-12	8.91E-05	2.36E-07	1.65E-07	2.61E-06	1.62E-06	9.74E-06	1.54E-07	3.52E-06	4.80E-04	4.44E-05	5.72E-04
841	SG_841	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6369.900	1.84E-03	3.87E-03	5.41E-02	3.54E-03	9.98E-07	3.04E-03	5.90E-04	1.84E-04	3.61E-12	9.57E-05	2.53E-07	1.78E-07	2.80E-06	1.74E-06	1.05E-05	1.65E-07	3.77E-06	5.15E-04	4.77E-05	6.14E-04
842	SG_842	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6369.900	2.02E-03	4.26E-03	5.95E-02	3.80E-03	1.10E-06	3.34E-03	6.50E-04	2.03E-04	3.97E-12	1.05E-04	2.79E-07	1.96E-07	3.09E-06	1.92E-06	1.15E-05	1.82E-07	4.16E-06	5.67E-04	5.25E-05	6.76E-04
843	SG_843	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6369.900	2.33E-03	4.90E-03	6.84E-02	4.27E-03	1.27E-06	3.88E-03	7.49E-04	2.34E-04	4.57E-12	1.21E-04	3.22E-07	2.26E-07	3.56E-06	2.21E-06	1.33E-05	2.10E-07	4.79E-06	6.54E-04	6.05E-05	7.79E-04
844	SG_844	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6369.900	2.53E-03	5.32E-03	7.41E-02	4.53E-03	1.37E-06	4.23E-03	8.12E-04	2.53E-04	4.96E-12	1.32E-04	3.49E-07	2.45E-07	3.86E-06	2.40E-06	1.44E-05	2.28E-07	5.19E-06	7.09E-04	6.56E-05	8.45E-04
845	SG_845	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6369.900	2.90E-03	6.11E-03	8.50E-02	5.12E-03	1.58E-06	4.94E-03	9.33E-04	2.91E-04	5.70E-12	1.51E-04	4.01E-07	2.81E-07	4.43E-06	2.76E-06	1.65E-05	2.61E-07	5.96E-06	8.14E-04	7.53E-05	9.70E-04
846	SG_846	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6369.900	3.25E-03	6.84E-03	9.52E-02	5.67E-03	1.77E-06	5.63E-03	1.05E-03	3.26E-04	6.39E-12	1.70E-04	4.49E-07	3.15E-07	4.97E-06	3.09E-06	1.85E-05	2.93E-07	6.69E-06	9.13E-04	8.45E-05	1.09E-03
847	SG_847	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6369.900	3.55E-03	7.46E-03	1.04E-01	6.13E-03	1.93E-06	6.23E-03	1.14E-03	3.56E-04	6.96E-12	1.85E-04	4.89E-07	3.43E-07	5.41E-06	3.37E-06	2.02E-05	3.19E-07	7.29E-06	9.95E-04	9.21E-05	1.19E-03
848	SG_848	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6369.900	3.77E-03	7.93E-03	1.10E-01	6.47E-03	2.05E-06	6.70E-03	1.21E-03	3.78E-04	7.40E-12	1.96E-04	5.19E-07	3.63E-07	5.75E-06	3.58E-06	2.14E-05	3.39E-07	7.74E-06	1.06E-03	9.78E-05	1.26E-03
849	SG_849	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6369.900	3.68E-03	7.74E-03	1.08E-01	6.29E-03	2.00E-06	6.63E-03	1.18E-03	3.69E-04	7.22E-12	1.92E-04	5.07E-07	3.54E-07	5.61E-06	3.49E-06	2.09E-05	3.31E-07	7.56E-06	1.03E-03	9.55E-05	1.23E-03
850	SG_850	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.900	3.29E-03	6.93E-03	9.63E-02	5.58E-03	1.79E-06	6.00E-03	1.06E-03	3.30E-04	6.46E-12	1.72E-04	4.53E-07	3.16E-07	5.02E-06	3.12E-06	1.87E-05	2.96E-07	6.77E-06	9.24E-04	8.55E-05	1.10E-03
851	SG_851	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6369.900	2.97E-03	6.24E-03	8.69E-02	4.95E-03	1.61E-06	5.40E-03	9.53E-04	2.98E-04	5.82E-12	1.54E-04	4.08E-07	2.85E-07	4.52E-06	2.81E-06	1.69E-05	2.67E-07	6.10E-06	8.32E-04	7.70E-05	9.91E-04
852	SG_852	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.900	2.60E-03	5.47E-03	7.62E-02	4.26E-03	1.41E-06	4.64E-03	8.35E-04	2.61E-04	5.10E-12	1.35E-04	3.57E-07	2.49E-07	3.96E-06	2.47E-06	1.48E-05	2.34E-07	5.34E-06	7.29E-04	6.75E-05	8.69E-04
853	SG_853	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.900	2.34E-03	4.92E-03	6.86E-02	3.79E-03	1.27E-06	4.09E-03	7.51E-04	2.34E-04	4.58E-12	1.22E-04	3.21E-07	2.24E-07	3.56E-06	2.22E-06	1.33E-05	2.10E-07	4.80E-06	6.55E-04	6.07E-05	7.81E-04
854	SG_854	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.900	2.30E-03	4.83E-03	6.74E-02	3.73E-03	1.25E-06	4.10E-03	7.38E-04	2.30E-04	4.50E-12	1.20E-04	3.16E-07	2.20E-07	3.50E-06	2.18E-06	1.31E-05	2.07E-07	4.72E-06	6.44E-04	5.96E-05	7.67E-04
855	SG_855	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.900	2.23E-03	4.69E-03	6.55E-02	3.64E-03	1.21E-06	4.02E-03	7.17E-04	2.24E-04	4.38E-12	1.16E-04	3.07E-07	2.15E-07	3.40E-06	2.12E-06	1.27E-05	2.01E-07	4.58E-06	6.26E-04	5.79E-05	7.46E-04
856	SG_856	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.900	2.14E-03	4.50E-03	6.29E-02	3.46E-03	1.16E-06	3.74E-03	6.88E-04	2.15E-04	4.20E-12	1.12E-04	2.95E-07	2.07E-07	3.27E-06	2.03E-06	1.22E-05	1.93E-07	4.40E-06	6.00E-04	5.56E-05	7.15E-04
857	SG_857	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.900	2.18E-03	4.58E-03	6.39E-02	3.48E-03	1.18E-06	3.72E-03	6.99E-04	2.18E-04	4.27E-12	1.13E-04	3.00E-07	2.11E-07	3.32E-06	2.07E-06	1.24E-05	1.96E-07	4.47E-06	6.10E-04	5.65E-05	7.27E-04
858	SG_858	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.900	2.38E-03	5.00E-03	6.98E-02	3.79E-03	1.29E-06	4.01E-03	7.64E-04	2.39E-04	4.67E-12	1.24E-04	3.29E-07	2.31E-07	3.63E-06	2.26E-06	1.35E-05	2.14E-07	4.89E-06	6.67E-04	6.17E-05	7.95E-04
859	SG_859	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.900	2.53E-03	5.32E-03	7.43E-02	4.04E-03	1.38E-06	4.18E-03	8.14E-04	2.54E-04	4.97E-12	1.32E-04	3.50E-07	2.46E-07	3.86E-06	2.41E-06	1.44E-05	2.28E-07	5.20E-06	7.10E-04	6.57E-05	8.46E-04
860	SG_860	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.900	2.53E-03	5.32E-03	7.43E-02	4.06E-03	1.37E-06	4.07E-03	8.13E-04	2.54E-04	4.96E-12	1.32E-04	3.49E-07	2.45E-07	3.86E-06	2.40E-06	1.44E-05	2.28E-07	5.19E-06	7.09E-04	6.56E-05	8.45E-04
861	SG_861	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.900	2.42E-03	5.09E-03	7.11E-02	3.92E-03	1.31E-06	3.82E-03	7.77E-04	2.43E-04	4.75E-12	1.26E-04	3.34E-07	2.34E-07	3.69E-06	2.30E-06	1.38E-05	2.18E-07	4.97E-06	6.79E-04	6.28E-05	8.09E-04
862	SG_862	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.900	2.25E-03	4.72E-03	6.61E-02	3.67E-03	1.22E-06	3.48E-03	7.22E-04	2.25E-04	4.41E-12	1.17E-04	3.10E-07	2.17E-07	3.43E-06	2.13E-06	1.28E-05	2.02E-07	4.61E-06	6.30E-04	5.83E-05	7.51E-04

AQIA DATA - SCENARIO 1 GRID MAX

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.124**	**0.260**	**3.550**	**0.199**	**6.74E-05**	**0.358**	**0.040**	**0.012**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**0.035**	**0.003**	**0.041**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
863	SG_863	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.900	2.09E-03	4.40E-03	6.16E-02	3.45E-03	1.14E-06	3.21E-03	6.73E-04	2.10E-04	4.11E-12	1.09E-04	2.89E-07	2.03E-07	3.19E-06	1.99E-06	1.19E-05	1.88E-07	4.30E-06	5.87E-04	5.43E-05	6.99E-04
864	SG_864	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.900	1.98E-03	4.16E-03	5.83E-02	3.29E-03	1.07E-06	3.00E-03	6.35E-04	1.98E-04	3.88E-12	1.03E-04	2.73E-07	1.92E-07	3.02E-06	1.88E-06	1.12E-05	1.78E-07	4.06E-06	5.55E-04	5.13E-05	6.61E-04
865	SG_865	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.900	1.83E-03	3.84E-03	5.39E-02	3.07E-03	9.93E-07	2.73E-03	5.87E-04	1.83E-04	3.59E-12	9.52E-05	2.52E-07	1.77E-07	2.79E-06	1.74E-06	1.04E-05	1.65E-07	3.75E-06	5.13E-04	4.74E-05	6.11E-04
866	SG_866	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.900	1.71E-03	3.61E-03	5.07E-02	2.90E-03	9.32E-07	2.52E-03	5.51E-04	1.72E-04	3.37E-12	8.94E-05	2.37E-07	1.66E-07	2.62E-06	1.63E-06	9.76E-06	1.54E-07	3.52E-06	4.81E-04	4.45E-05	5.73E-04
867	SG_867	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.900	1.67E-03	3.52E-03	4.95E-02	2.84E-03	9.09E-07	2.42E-03	5.38E-04	1.68E-04	3.28E-12	8.72E-05	2.31E-07	1.62E-07	2.55E-06	1.59E-06	9.52E-06	1.51E-07	3.44E-06	4.69E-04	4.34E-05	5.59E-04
868	SG_868	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.900	1.61E-03	3.38E-03	4.76E-02	2.73E-03	8.73E-07	2.26E-03	5.16E-04	1.61E-04	3.15E-12	8.37E-05	2.22E-07	1.56E-07	2.45E-06	1.53E-06	9.14E-06	1.45E-07	3.30E-06	4.51E-04	4.17E-05	5.37E-04
869	SG_869	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6370.100	1.63E-03	3.44E-03	4.83E-02	3.27E-03	8.87E-07	2.60E-03	5.25E-04	1.64E-04	3.21E-12	8.51E-05	2.25E-07	1.57E-07	2.49E-06	1.55E-06	9.30E-06	1.47E-07	3.36E-06	4.58E-04	4.24E-05	5.46E-04
870	SG_870	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6370.100	1.66E-03	3.49E-03	4.89E-02	3.27E-03	8.99E-07	2.63E-03	5.32E-04	1.66E-04	3.25E-12	8.63E-05	2.28E-07	1.60E-07	2.53E-06	1.57E-06	9.42E-06	1.49E-07	3.40E-06	4.65E-04	4.30E-05	5.54E-04
871	SG_871	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6370.100	1.74E-03	3.66E-03	5.13E-02	3.37E-03	9.45E-07	2.76E-03	5.59E-04	1.74E-04	3.41E-12	9.06E-05	2.40E-07	1.68E-07	2.65E-06	1.65E-06	9.90E-06	1.57E-07	3.57E-06	4.88E-04	4.52E-05	5.81E-04
872	SG_872	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6370.100	1.87E-03	3.94E-03	5.53E-02	3.54E-03	1.02E-06	2.96E-03	6.03E-04	1.88E-04	3.68E-12	9.77E-05	2.59E-07	1.81E-07	2.86E-06	1.78E-06	1.07E-05	1.69E-07	3.85E-06	5.26E-04	4.87E-05	6.27E-04
873	SG_873	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6370.100	2.07E-03	4.36E-03	6.11E-02	3.82E-03	1.13E-06	3.29E-03	6.67E-04	2.08E-04	4.07E-12	1.08E-04	2.86E-07	2.01E-07	3.16E-06	1.97E-06	1.18E-05	1.87E-07	4.26E-06	5.82E-04	5.38E-05	6.93E-04
874	SG_874	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6370.100	2.30E-03	4.84E-03	6.77E-02	4.16E-03	1.25E-06	3.70E-03	7.40E-04	2.31E-04	4.52E-12	1.20E-04	3.18E-07	2.23E-07	3.51E-06	2.19E-06	1.31E-05	2.07E-07	4.73E-06	6.46E-04	5.98E-05	7.70E-04
875	SG_875	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6370.100	2.55E-03	5.36E-03	7.48E-02	4.53E-03	1.38E-06	4.16E-03	8.19E-04	2.56E-04	5.00E-12	1.33E-04	3.52E-07	2.47E-07	3.89E-06	2.42E-06	1.45E-05	2.30E-07	5.24E-06	7.15E-04	6.62E-05	8.52E-04
876	SG_876	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6370.100	2.88E-03	6.05E-03	8.43E-02	5.05E-03	1.56E-06	4.79E-03	9.25E-04	2.89E-04	5.65E-12	1.50E-04	3.97E-07	2.78E-07	4.39E-06	2.73E-06	1.64E-05	2.59E-07	5.91E-06	8.07E-04	7.47E-05	9.62E-04
877	SG_877	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6370.100	3.15E-03	6.63E-03	9.23E-02	5.48E-03	1.71E-06	5.33E-03	1.01E-03	3.16E-04	6.18E-12	1.64E-04	4.35E-07	3.05E-07	4.81E-06	2.99E-06	1.79E-05	2.84E-07	6.48E-06	8.84E-04	8.18E-05	1.05E-03
878	SG_878	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6370.100	3.40E-03	7.15E-03	9.95E-02	5.87E-03	1.85E-06	5.83E-03	1.09E-03	3.41E-04	6.67E-12	1.77E-04	4.69E-07	3.28E-07	5.19E-06	3.23E-06	1.93E-05	3.06E-07	6.98E-06	9.53E-04	8.82E-05	1.14E-03
879	SG_879	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6370.100	3.44E-03	7.25E-03	1.01E-01	5.92E-03	1.87E-06	5.97E-03	1.11E-03	3.46E-04	6.76E-12	1.79E-04	4.75E-07	3.32E-07	5.26E-06	3.27E-06	1.96E-05	3.10E-07	7.08E-06	9.66E-04	8.94E-05	1.15E-03
880	SG_880	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6370.100	3.24E-03	6.82E-03	9.50E-02	5.55E-03	1.76E-06	5.70E-03	1.04E-03	3.25E-04	6.36E-12	1.69E-04	4.47E-07	3.12E-07	4.95E-06	3.08E-06	1.85E-05	2.92E-07	6.67E-06	9.10E-04	8.42E-05	1.08E-03
881	SG_881	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6370.100	2.98E-03	6.27E-03	8.73E-02	5.05E-03	1.62E-06	5.31E-03	9.58E-04	2.99E-04	5.85E-12	1.55E-04	4.10E-07	2.86E-07	4.55E-06	2.83E-06	1.70E-05	2.68E-07	6.12E-06	8.36E-04	7.74E-05	9.96E-04
882	SG_882	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6370.100	2.61E-03	5.50E-03	7.66E-02	4.36E-03	1.42E-06	4.63E-03	8.40E-04	2.62E-04	5.13E-12	1.36E-04	3.59E-07	2.51E-07	3.99E-06	2.48E-06	1.49E-05	2.35E-07	5.37E-06	7.33E-04	6.78E-05	8.73E-04
883	SG_883	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6370.100	2.28E-03	4.79E-03	6.70E-02	3.75E-03	1.24E-06	3.96E-03	7.32E-04	2.29E-04	4.47E-12	1.19E-04	3.13E-07	2.19E-07	3.48E-06	2.16E-06	1.30E-05	2.05E-07	4.68E-06	6.39E-04	5.92E-05	7.62E-04
884	SG_884	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6370.100	2.01E-03	4.23E-03	5.92E-02	3.28E-03	1.09E-06	3.43E-03	6.46E-04	2.02E-04	3.95E-12	1.05E-04	2.77E-07	1.93E-07	3.07E-06	1.91E-06	1.14E-05	1.81E-07	4.13E-06	5.64E-04	5.22E-05	6.72E-04
885	SG_885	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6370.100	1.89E-03	3.97E-03	5.56E-02	3.08E-03	1.02E-06	3.21E-03	6.07E-04	1.89E-04	3.70E-12	9.83E-05	2.60E-07	1.81E-07	2.88E-06	1.79E-06	1.07E-05	1.70E-07	3.88E-06	5.30E-04	4.90E-05	6.31E-04
886	SG_886	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6370.100	1.87E-03	3.94E-03	5.51E-02	3.06E-03	1.02E-06	3.22E-03	6.01E-04	1.88E-04	3.67E-12	9.75E-05	2.58E-07	1.80E-07	2.85E-06	1.78E-06	1.06E-05	1.68E-07	3.84E-06	5.25E-04	4.86E-05	6.25E-04
887	SG_887	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6370.100	1.88E-03	3.96E-03	5.55E-02	3.06E-03	1.02E-06	3.21E-03	6.05E-04	1.89E-04	3.70E-12	9.81E-05	2.60E-07	1.82E-07	2.87E-06	1.79E-06	1.07E-05	1.70E-07	3.87E-06	5.28E-04	4.89E-05	6.30E-04
888	SG_888	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6370.100	1.95E-03	4.11E-03	5.74E-02	3.15E-03	1.06E-06	3.27E-03	6.27E-04	1.96E-04	3.83E-12	1.02E-04	2.69E-07	1.89E-07	2.98E-06	1.85E-06	1.11E-05	1.76E-07	4.01E-06	5.48E-04	5.07E-05	6.53E-04
889	SG_889	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6370.100	2.05E-03	4.31E-03	6.03E-02	3.29E-03	1.11E-06	3.37E-03	6.59E-04	2.06E-04	4.02E-12	1.07E-04	2.83E-07	1.99E-07	3.13E-06	1.95E-06	1.17E-05	1.85E-07	4.21E-06	5.75E-04	5.32E-05	6.86E-04
890	SG_890	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6370.100	2.20E-03	4.63E-03	6.47E-02	3.52E-03	1.20E-06	3.54E-03	7.07E-04	2.21E-04	4.32E-12	1.15E-04	3.04E-07	2.14E-07	3.36E-06	2.09E-06	1.25E-05	1.98E-07	4.52E-06	6.17E-04	5.71E-05	7.35E-04
891	SG_891	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6370.100	2.29E-03	4.82E-03	6.74E-02	3.68E-03	1.24E-06	3.61E-03	7.36E-04	2.30E-04	4.49E-12	1.19E-04	3.16E-07	2.22E-07	3.49E-06	2.18E-06	1.30E-05	2.06E-07	4.70E-06	6.42E-04	5.94E-05	7.65E-04
892	SG_892	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6370.100	2.26E-03	4.76E-03	6.66E-02	3.66E-03	1.23E-06	3.49E-03	7.27E-04	2.27E-04	4.44E-12	1.18E-04	3.12E-07	2.19E-07	3.45E-06	2.15E-06	1.29E-05	2.04E-07	4.65E-06	6.35E-04	5.87E-05	7.56E-04
893	SG_893	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6370.100	2.13E-03	4.49E-03	6.29E-02	3.48E-03	1.16E-06	3.23E-03	6.86E-04	2.14E-04	4.19E-12	1.11E-04	2.95E-07	2.07E-07	3.26E-06	2.03E-06	1.21E-05	1.92E-07	4.38E-06	5.99E-04	5.54E-05	7.13E-04
894	SG_894	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6370.100	2.06E-03	4.33E-03	6.06E-02	3.38E-03	1.12E-06	3.09E-03	6.61E-04	2.06E-04	4.03E-12	1.07E-04	2.84E-07	1.99E-07	3.14E-06	1.95E-06	1.17E-05	1.85E-07	4.22E-06	5.77E-04	5.34E-05	6.87E-04
895	SG_895	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6370.100	1.87E-03	3.94E-03	5.52E-02	3.10E-03	1.02E-06	2.76E-03	6.01E-04	1.88E-04	3.67E-12	9.75E-05	2.58E-07	1.81E-07	2.85E-06	1.78E-06	1.06E-05	1.69E-07	3.84E-06	5.25E-04	4.86E-05	6.25E-04
896	SG_896	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6370.100	1.69E-03	3.55E-03	4.99E-02	2.82E-03	9.17E-07	2.44E-03	5.42E-04	1.69E-04	3.31E-12	8.79E-05	2.33E-07	1.64E-07	2.58E-06	1.60E-06	9.60E-06	1.52E-07	3.47E-06	4.73E-04	4.38E-05	5.64E-04
897	SG_897	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6370.100	1.58E-03	3.32E-03	4.67E-02	2.65E-03	8.57E-07	2.25E-03	5.07E-04	1.58E-04	3.10E-12	8.22E-05	2.18E-07	1.53E-07	2.41E-06	1.50E-06	8.98E-06	1.42E-07	3.24E-06	4.43E-04	4.09E-05	5.27E-04
898	SG_898	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6370.100	1.49E-03	3.14E-03	4.43E-02	2.53E-03	8.11E-07	2.09E-03	4.80E-04	1.50E-04	2.93E-12	7.78E-05	2.06E-07	1.45E-07	2.28E-06	1.42E-06	8.49E-06	1.34E-07	3.07E-06	4.19E-04	3.88E-05	4.99E-04
899	SG_899	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6370.100	1.47E-03	3.09E-03	4.35E-02	2.50E-03	7.97E-07	2.03E-03	4.72E-04	1.47E-04	2.88E-12	7.65E-05	2.03E-07	1.42E-07	2.24E-06	1.39E-06	8.35E-06	1.32E-07	3.01E-06	4.12E-04	3.81E-05	4.91E-04
900	SG_900	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6370.300	1.60E-03	3.36E-03	4.73E-02	3.16E-03	8.68E-07	2.42E-03	5.14E-04	1.60E-04	3.14E-12	8.33E-05	2.20E-07	1.54E-07	2.44E-06	1.52E-06	9.09E-06	1.44E-07	3.28E-06	4.48E-04	4.15E-05	5.34E-04
901	SG_901	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6370.300	1.68E-03	3.54E-03	4.98E-02	3.27E-03	9.15E-07	2.56E-03	5.41E-04	1.69E-04	3.30E-12	8.77E-05	2.32E-07	1.63E-07	2.57E-06	1.60E-06	9.58E-06	1.52E-07	3.46E-06	4.72E-04	4.37E-05	5.63E-04
902	SG_902	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6370.300	1.79E-03	3.77E-03	5.30E-02	3.40E-03	9.74E-07	2.72E-03	5.76E-04	1.80E-04	3.52E-12	9.34E-05	2.47E-07	1.73E-07	2.74E-06	1.70E-06	1.02E-05	1.61E-07	3.68E-06	5.03E-04	4.65E-05	5.99E-04
903	SG_903	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6370.300	1.92E-03	4.03E-03	5.66E-02	3.55E-03	1.04E-06	2.92E-03	6.16E-04	1.92E-04	3.76E-12	9.99E-05	2.64E-07	1.85E-07	2.93E-06	1.82E-06	1.09E-05	1.73E-07	3.94E-06	5.38E-04	4.98E-05	6.41E-04
904	SG_904	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6370.300	2.11E-03	4.45E-03	6.23E-02	3.85E-03	1.15E-06	3.26E-03	6.80E-04	2.12E-04	4.15E-12	1.10E-04	2.92E-07	2.04E-07	3.23E-06	2.01E-06	1.20E-05	1.90E-07	4.35E-06	5.93E-04	5.49E-05	7.07E-04
905	SG_905	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6370.300	2.33E-03	4.90E-03	6.85E-02	4.17E-03	1.27E-06	3.65E-03	7.49E-04	2.34E-04	4.57E-12	1.21E-04	3.21E-07	2.25E-07	3.55E-06	2.21E-06	1.33E-05	2.10E-07	4.79E-06	6.53E-04	6.05E-05	7.79E-04
906	SG_906	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6370.300	2.56E-03	5.40E-03	7.54E-02	4.53E-03	1.39E-06	4.10E-03	8.24E-04	2.57E-04	5.03E-12	1.34E-04	3.54E-07	2.48E-07	3.91E-06	2.44E-06	1.46E-05	2.31E-07	5.27E-06	7.20E-04	6.66E-05	8.57E-04
907	SG_907	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6370.300	2.81E-03	5.92E-03	8.25E-02	4.92E-03	1.53E-06	4.57E-03	9.04E-04	2.82E-04	5.52E-12	1.47E-04	3.88E-07	2.72E-07	4.29E-06	2.67E-06	1.60E-05	2.53E-07	5.78E-06	7.89E-04	7.30E-05	9.40E-04
908	SG_908	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6370.300	3.01E-03	6.33E-03	8.83E-02	5.24E-03	1.64E-06	4.97E-03	9.68E-04	3.02E-04	5.91E-12	1.57E-04	4.15E-07	2.91E-07	4.59E-06	2.86E-06	1.71E-05	2.71E-07	6.19E-06	8.45E-04	7.82E-05	1.01E-03
909	SG_909	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6370.300	3.14E-03	6.62E-03	9.22E-02	5.44E-03	1.71E-06	5.25E-03	1.01E-03	3.16E-04	6.17E-12	1.64E-04	4.34E-07	3.03E-07	4.80E-06	2.99E-06	1.79E-05	2.83E-07	6.46E-06	8.82E-04	8.17E-05	1.05E-03
910	SG_910	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6370.300	3.14E-03	6.60E-03	9.19E-02	5.39E-03	1.70E-06	5.30E-03	1.01E-03	3.15E-04	6.16E-12	1.63E-04	4.32E-07	3.02E-07	4.79E-06	2.98E-06	1.78E-05	2.82E-07	6.45E-06	8.80E-04	8.14E-05	1.05E-03
911	SG_911	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6370.300	2.90E-03	6.11E-03	8.51E-02	4.97E-03	1.58E-06	4.99E-03	9.33E-04	2.91E-04	5.70E-12	1.51E-04	4.00E-07	2.79E-07	4.43E-06	2.76E-06	1.65E-05	2.61E-07	5.97E-06	8.15E-04	7.54E-05	9.71E-04
912	SG_912	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6370.300	2.63E-03	5.54E-03	7.73E-02	4.46E-03	1.43E-06	4.58E-03	8.47E-04	2.64E-04	5.17E-12	1.37E-04	3.62E-07	2.53E-07	4.02E-06	2.50E-06	1.50E-05	2.37E-07	5.41E-06	7.39E-04	6.84E-05	8.80E-04
913	SG_913	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6370.300	2.33E-03	4.91E-03	6.86E-02	3.90E-03	1.27E-06	4.03E-03	7.50E-04	2.34E-04	4.58E-12	1.22E-04	3.21E-07	2.24E-07	3.56E-06	2.21E-06	1.33E-05	2.10E-07	4.80E-06	6.54E-04	6.06E-05	7.80E-04
914	SG_914	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6370.300	2.00E-03	4.21E-03	5.90E-02	3.31E-03	1.09E-06	3.39E-03	6.44E-04	2.01E-04	3.93E-12	1.04E-04	2.75E-07	1.92E-07	3.05E-06	1.90E-06	1.14E-05	1.80E-07	4.12E-06	5.62E-04	5.20E-05	6.69E-04
915	SG_915	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6370.300	1.78E-03	3.75E-03	5.25E-02	2.92E-03	9.66E-07	2.96E-03	5.72E-04	1.79E-04	3.49E-12	9.27E-05	2.45E-07	1.71E-07	2.72E-06	1.69E-06	1.01E-05	1.60E-07	3.66E-06	4.99E-04	4.62E-05	5.95E-04
916	SG_916	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6370.300	1.65E-03	3.47E-03	4.87E-02	2.71E-03	8.96E-07	2.72E-03	5.31E-04	1.66E-04	3.24E-12	8.60E-05	2.27E-07	1.59E-07	2.52E-06	1.57E-06	9.39E-06	1.49E-07	3.39E-06	4.63E-04	4.29E-05	5.52E-04
917	SG_917	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6370.300	1.63E-03	3.44E-03	4.83E-02	2.69E-03	8.88E-07	2.71E-03	5.26E-04	1.64E-04	3.21E-12	8.52E-05	2.25E-07	1.57E-07	2.49E-06	1.55E-06	9.30E-06	1.47E-07	3.36E-06	4.59E-04	4.25E-05	5.47E-04
918	SG_918	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6370.300	1.62E-03	3.41E-03	4.78E-02	2.65E-03	8.79E-07	2.65E-03	5.20E-04	1.62E-04	3.18E-12	8.43E-05	2.23E-07	1.56E-07	2.47E-06	1.54E-06	9.21E-06	1.46E-07	3.33E-06	4.54E-04	4.20E-05	5.41E-04
919	SG_919	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6370.300	1.71E-03	3.61E-03	5.06E-02	2.79E-03	9.31E-07	2.79E-03	5.51E-04	1.72E-04	3.36E-12	8.93E-05	2.37E-07	1.66E-07	2.62E-06	1.63E-06	9.75E-06	1.54E-07	3.52E-06	4.81E-04	4.45E-05	5.73E-04
920	SG_920	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6370.300	1.83E-03	3.85E-03	5.39E-02	2.95E-03	9.95E-07	2.95E-03	5.88E-04	1.84E-04	3.59E-12	9.54E-05	2.53E-07	1.78E-07	2.79E-06	1.74E-06	1.04E-05	1.65E-07	3.76E-06	5.13E-04	4.75E-05	6.12E-04
921	SG_921	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6370.300	1.96E-03	4.13E-03	5.78E-02	3.15E-03	1.07E-06	3.10E-03	6.31E-04	1.97E-04	3.85E-12	1.02E-04	2.71E-07	1.91E-07	2.99E-06	1.86E-06	1.12E-05	1.77E-07	4.03E-06	5.50E-04	5.09E-05	6.56E-04
922	SG_922	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6370.300	2.03E-03	4.28E-03	5.99E-02	3.26E-03	1.11E-06	3.13E-03	6.53E-04	2.04E-04	3.99E-12	1.06E-04	2.81E-07	1.98E-07	3.10E-06	1.93E-06	1.16E-05	1.83E-07	4.18E-06	5.70E-04	5.28E-05	6.80E-04
923	SG_923	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6370.300	1.99E-03	4.19E-03	5.88E-02	3.22E-03	1.08E-06	2.99E-03	6.41E-04	2.00E-04	3.91E-12	1.04E-04	2.75E-07	1.93E-07	3.04E-06	1.89E-06	1.13E-05	1.80E-07	4.09E-06	5.59E-04	5.17E-05	6.66E-04
924	SG_924	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6370.300	1.91E-03	4.02E-03	5.64E-02	3.10E-03	1.04E-06	2.80E-03	6.14E-04	1.92E-04	3.75E-12	9.95E-05	2.64E-07	1.85E-07	2.91E-06	1.81E-06	1.09E-05	1.72E-07	3.92E-06	5.36E-04	4.96E-05	6.38E-04
925	SG_925	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6370.300	1.87E-03	3.93E-03	5.51E-02	3.05E-03	1.01E-06	2.71E-03	6.00E-04	1.87E-04	3.66E-12	9.72E-05	2.58E-07	1.81E-07	2.85E-06	1.77E-06	1.06E-05	1.68E-07	3.83E-06	5.23E-04	4.84E-05	6.24E-04
926	SG_926	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6370.300	1.79E-03	3.77E-03	5.30E-02	2.95E-03	9.75E-07	2.58E-03	5.77E-04	1.80E-04	3.52E-12	9.35E-05	2.48E-07	1.74E-07	2.74E-06	1.70E-06	1.02E-05	1.62E-07	3.69E-06	5.03E-04	4.66E-05	6.00E-04
927	SG_927	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6370.300	1.62E-03	3.40E-03	4.79E-02	2.68E-03	8.79E-07	2.28E-03	5.20E-04	1.62E-04	3.17E-12	8.43E-05	2.23E-07	1.57E-07	2.47E-06	1.54E-06	9.21E-06	1.46E-07	3.32E-06	4.54E-04	4.20E-05	5.41E-04
928	SG_928	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6370.300	1.54E-03	3.25E-03	4.57E-02	2.58E-03	8.39E-07	2.15E-03	4.96E-04	1.55E-04	3.03E-12	8.04E-05	2.13E-07	1.50E-07	2.36E-06	1.47E-06	8.78E-06	1.39E-07	3.17E-06	4.33E-04	4.01E-05	5.16E-04
929	SG_929	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6370.300	1.45E-03	3.04E-03	4.29E-02	2.43E-03	7.86E-07	1.99E-03	4.65E-04	1.45E-04	2.84E-12	7.54E-05	2.00E-07	1.40E-07	2.21E-06	1.37E-06	8.23E-06	1.30E-07	2.97E-06	4.06E-04	3.76E-05	4.84E-04
930	SG_930	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6370.300	1.39E-03	2.92E-03	4.12E-02	2.35E-03	7.55E-07	1.89E-03	4.46E-04	1.39E-04	2.73E-12	7.24E-05	1.92E-07	1.35E-07	2.12E-06	1.32E-06	7.90E-06	1.25E-07	2.85E-06	3.90E-04	3.61E-05	4.64E-04
931	SG_931	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6370.500	1.67E-03	3.51E-03	4.94E-02	3.24E-03	9.05E-07	2.43E-03	5.36E-04	1.67E-04	3.27E-12	8.69E-05	2.30E-07	1.61E-07	2.54E-06	1.58E-06	9.49E-06	1.50E-07	3.43E-06	4.68E-04	4.33E-05	5.57E-04
932	SG_932	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6370.500	1.77E-03	3.72E-03	5.22E-02	3.37E-03	9.59E-07	2.58E-03	5.68E-04	1.77E-04	3.47E-12	9.20E-05	2.44E-07	1.71E-07	2.69E-06	1.68E-06	1.00E-05	1.59E-07	3.63E-06	4.95E-04	4.58E-05	5.90E-04
933	SG_933	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6370.500	1.87E-03	3.93E-03	5.52E-02	3.48E-03	1.01E-06	2.74E-03	6.00E-04	1.87E-04	3.66E-12	9.73E-05	2.57E-07	1.80E-07	2.85E-06	1.77E-06	1.06E-05	1.68E-07	3.84E-06	5.24E-04	4.85E-05	6.24E-04
934	SG_934	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6370.500	1.98E-03	4.17E-03	5.84E-02	3.62E-03	1.08E-06	2.93E-03	6.36E-04	1.99E-04	3.88E-12	1.03E-04	2.73E-07	1.91E-07	3.02E-06	1.88E-06	1.13E-05	1.78E-07	4.07E-06	5.55E-04	5.14E-05	6.62E-04
935	SG_935	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6370.500	2.12E-03	4.46E-03	6.25E-02	3.82E-03	1.15E-06	3.19E-03	6.81E-04	2.13E-04	4.16E-12	1.10E-04	2.92E-07	2.05E-07	3.23E-06	2.01E-06	1.21E-05	1.91E-07	4.36E-06	5.95E-04	5.50E-05	7.09E-04
936	SG_936	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6370.500	2.34E-03	4.92E-03	6.89E-02	4.16E-03	1.27E-06	3.59E-03	7.52E-04	2.35E-04	4.59E-12	1.22E-04	3.23E-07	2.26E-07	3.57E-06	2.22E-06	1.33E-05	2.11E-07	4.81E-06	6.57E-04	6.08E-05	7.82E-04
937	SG_937	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6370.500	2.58E-03	5.42E-03	7.57E-02	4.53E-03	1.40E-06	4.03E-03	8.28E-04	2.58E-04	5.06E-12	1.34E-04	3.55E-07	2.49E-07	3.93E-06	2.45E-06	1.47E-05	2.32E-07	5.29E-06	7.23E-04	6.69E-05	8.61E-04
938	SG_938	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6370.500	2.77E-03	5.83E-03	8.14E-02	4.84E-03	1.51E-06	4.40E-03	8.91E-04	2.78E-04	5.44E-12	1.44E-04	3.82E-07	2.68E-07	4.23E-06	2.63E-06	1.58E-05	2.50E-07	5.70E-06	7.78E-04	7.20E-05	9.27E-04
939	SG_939	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6370.500	3.01E-03	6.34E-03	8.84E-02	5.24E-03	1.64E-06	4.87E-03	9.69E-04	3.02E-04	5.92E-12	1.57E-04	4.15E-07	2.91E-07	4.60E-06	2.86E-06	1.72E-05	2.71E-07	6.20E-06	8.46E-04	7.83E-05	1.01E-03
940	SG_940	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6370.500	3.01E-03	6.34E-03	8.84E-02	5.22E-03	1.64E-06	4.92E-03	9.69E-04	3.02E-04	5.92E-12	1.57E-04	4.15E-07	2.90E-07	4.60E-06	2.86E-06	1.72E-05	2.71E-07	6.20E-06	8.46E-04	7.83E-05	1.01E-03
941	SG_941	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6370.500	2.84E-03	5.99E-03	8.35E-02	4.90E-03	1.54E-06	4.70E-03	9.14E-04	2.85E-04	5.58E-12	1.48E-04	3.92E-07	2.74E-07	4.34E-06	2.70E-06	1.62E-05	2.56E-07	5.85E-06	7.98E-04	7.39E-05	9.51E-04
942	SG_942	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6370.500	2.61E-03	5.50E-03	7.67E-02	4.48E-03	1.42E-06	4.39E-03	8.40E-04	2.62E-04	5.13E-12	1.36E-04	3.60E-07	2.51E-07	3.99E-06	2.48E-06	1.49E-05	2.35E-07	5.37E-06	7.33E-04	6.78E-05	8.73E-04
943	SG_943	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6370.500	2.32E-03	4.89E-03	6.83E-02	3.94E-03	1.26E-06	3.93E-03	7.47E-04	2.33E-04	4.56E-12	1.21E-04	3.20E-07	2.23E-07	3.55E-06	2.21E-06	1.32E-05	2.09E-07	4.78E-06	6.52E-04	6.04E-05	7.77E-04
944	SG_944	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6370.500	2.06E-03	4.34E-03	6.07E-02	3.46E-03	1.12E-06	3.47E-03	6.63E-04	2.07E-04	4.05E-12	1.07E-04	2.84E-07	1.98E-07	3.15E-06	1.96E-06	1.17E-05	1.86E-07	4.24E-06	5.78E-04	5.35E-05	6.89E-04
945	SG_945	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6370.500	1.78E-03	3.75E-03	5.26E-02	2.97E-03	9.68E-07	2.94E-03	5.73E-04	1.79E-04	3.50E-12	9.29E-05	2.45E-07	1.71E-07	2.72E-06	1.69E-06	1.02E-05	1.61E-07	3.67E-06	5.00E-04	4.63E-05	5.96E-04

AQIA DATA - SCENARIO 1 GRID MAX

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.124**	**0.260**	**3.550**	**0.199**	**6.74E-05**	**0.358**	**0.040**	**0.012**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**0.035**	**0.003**	**0.041**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
946	SG_946	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6370.500	1.59E-03	3.35E-03	4.71E-02	2.64E-03	8.65E-07	2.58E-03	5.12E-04	1.60E-04	3.13E-12	8.30E-05	2.19E-07	1.53E-07	2.43E-06	1.51E-06	9.07E-06	1.43E-07	3.27E-06	4.47E-04	4.14E-05	5.33E-04
947	SG_947	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6370.500	1.47E-03	3.10E-03	4.35E-02	2.43E-03	7.98E-07	2.36E-03	4.73E-04	1.48E-04	2.89E-12	7.66E-05	2.03E-07	1.41E-07	2.24E-06	1.40E-06	8.37E-06	1.32E-07	3.02E-06	4.13E-04	3.82E-05	4.92E-04
948	SG_948	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6370.500	1.47E-03	3.10E-03	4.36E-02	2.44E-03	8.00E-07	2.38E-03	4.74E-04	1.48E-04	2.89E-12	7.68E-05	2.03E-07	1.42E-07	2.25E-06	1.40E-06	8.38E-06	1.33E-07	3.03E-06	4.13E-04	3.83E-05	4.93E-04
949	SG_949	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6370.500	1.49E-03	3.13E-03	4.40E-02	2.45E-03	8.07E-07	2.39E-03	4.78E-04	1.49E-04	2.92E-12	7.75E-05	2.05E-07	1.43E-07	2.27E-06	1.41E-06	8.46E-06	1.34E-07	3.06E-06	4.17E-04	3.86E-05	4.97E-04
950	SG_950	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6370.500	1.54E-03	3.24E-03	4.56E-02	2.52E-03	8.37E-07	2.45E-03	4.95E-04	1.55E-04	3.02E-12	8.03E-05	2.13E-07	1.49E-07	2.35E-06	1.46E-06	8.77E-06	1.39E-07	3.17E-06	4.32E-04	4.00E-05	5.15E-04
951	SG_951	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6370.500	1.59E-03	3.35E-03	4.70E-02	2.58E-03	8.65E-07	2.49E-03	5.11E-04	1.60E-04	3.12E-12	8.29E-05	2.20E-07	1.54E-07	2.43E-06	1.51E-06	9.05E-06	1.43E-07	3.27E-06	4.46E-04	4.13E-05	5.32E-04
952	SG_952	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6370.500	1.69E-03	3.56E-03	5.00E-02	2.73E-03	9.19E-07	2.59E-03	5.44E-04	1.70E-04	3.32E-12	8.81E-05	2.34E-07	1.64E-07	2.58E-06	1.61E-06	9.62E-06	1.52E-07	3.47E-06	4.74E-04	4.39E-05	5.65E-04
953	SG_953	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6370.500	1.83E-03	3.85E-03	5.40E-02	2.94E-03	9.94E-07	2.75E-03	5.88E-04	1.83E-04	3.59E-12	9.53E-05	2.53E-07	1.78E-07	2.79E-06	1.74E-06	1.04E-05	1.65E-07	3.76E-06	5.13E-04	4.75E-05	6.11E-04
954	SG_954	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6370.500	1.87E-03	3.92E-03	5.51E-02	3.01E-03	1.01E-06	2.75E-03	6.00E-04	1.87E-04	3.66E-12	9.72E-05	2.58E-07	1.81E-07	2.85E-06	1.77E-06	1.06E-05	1.68E-07	3.83E-06	5.23E-04	4.84E-05	6.24E-04
955	SG_955	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6370.500	1.80E-03	3.79E-03	5.33E-02	2.92E-03	9.79E-07	2.59E-03	5.79E-04	1.81E-04	3.54E-12	9.39E-05	2.49E-07	1.75E-07	2.75E-06	1.71E-06	1.03E-05	1.62E-07	3.70E-06	5.06E-04	4.68E-05	6.02E-04
956	SG_956	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6370.500	1.74E-03	3.67E-03	5.16E-02	2.85E-03	9.48E-07	2.47E-03	5.61E-04	1.75E-04	3.42E-12	9.09E-05	2.41E-07	1.69E-07	2.66E-06	1.66E-06	9.92E-06	1.57E-07	3.58E-06	4.89E-04	4.53E-05	5.83E-04
957	SG_957	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6370.500	1.68E-03	3.54E-03	4.98E-02	2.76E-03	9.13E-07	2.35E-03	5.40E-04	1.69E-04	3.30E-12	8.76E-05	2.32E-07	1.63E-07	2.56E-06	1.60E-06	9.56E-06	1.51E-07	3.45E-06	4.71E-04	4.36E-05	5.62E-04
958	SG_958	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6370.500	1.56E-03	3.29E-03	4.63E-02	2.58E-03	8.49E-07	2.15E-03	5.02E-04	1.57E-04	3.07E-12	8.14E-05	2.16E-07	1.52E-07	2.38E-06	1.48E-06	8.89E-06	1.41E-07	3.21E-06	4.38E-04	4.05E-05	5.22E-04
959	SG_959	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6370.500	1.47E-03	3.09E-03	4.35E-02	2.44E-03	7.97E-07	1.99E-03	4.72E-04	1.47E-04	2.88E-12	7.64E-05	2.03E-07	1.42E-07	2.24E-06	1.39E-06	8.35E-06	1.32E-07	3.01E-06	4.12E-04	3.81E-05	4.90E-04
960	SG_960	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6370.500	1.42E-03	2.98E-03	4.21E-02	2.37E-03	7.70E-07	1.91E-03	4.55E-04	1.42E-04	2.78E-12	7.38E-05	1.96E-07	1.38E-07	2.16E-06	1.35E-06	8.06E-06	1.28E-07	2.91E-06	3.97E-04	3.68E-05	4.74E-04
961	SG_961	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6370.500	1.38E-03	2.91E-03	4.10E-02	2.32E-03	7.51E-07	1.85E-03	4.44E-04	1.39E-04	2.71E-12	7.20E-05	1.91E-07	1.34E-07	2.11E-06	1.31E-06	7.86E-06	1.24E-07	2.84E-06	3.88E-04	3.59E-05	4.62E-04
962	SR_1	Sensitive Receptor	Recreational	Offsite	378.382	6370.479	3.02E-03	6.36E-03	8.87E-02	5.25E-03	1.64E-06	4.91E-03	9.72E-04	3.03E-04	5.93E-12	1.58E-04	4.17E-07	2.91E-07	4.61E-06	2.87E-06	1.72E-05	2.72E-07	6.21E-06	8.48E-04	7.85E-05	1.01E-03
963	SR_2	Sensitive Receptor	Recreational	Offsite	378.782	6370.266	3.12E-03	6.56E-03	9.14E-02	5.35E-03	1.69E-06	5.33E-03	1.00E-03	3.13E-04	6.12E-12	1.63E-04	4.30E-07	3.00E-07	4.76E-06	2.96E-06	1.77E-05	2.81E-07	6.41E-06	8.75E-04	8.10E-05	1.04E-03
964	SR_3	Sensitive Receptor	Recreational	Offsite	378.972	6369.893	3.56E-03	7.50E-03	1.04E-01	6.08E-03	1.93E-06	6.46E-03	1.15E-03	3.57E-04	6.99E-12	1.86E-04	4.91E-07	3.43E-07	5.44E-06	3.38E-06	2.03E-05	3.21E-07	7.32E-06	1.00E-03	9.25E-05	1.19E-03
965	SR_4	Sensitive Receptor	Recreational	Offsite	378.815	6369.579	4.39E-03	9.22E-03	1.28E-01	7.49E-03	2.38E-06	8.17E-03	1.41E-03	4.40E-04	8.61E-12	2.28E-04	6.05E-07	4.23E-07	6.69E-06	4.16E-06	2.50E-05	3.95E-07	9.01E-06	1.23E-03	1.14E-04	1.47E-03
966	SR_5	Sensitive Receptor	Recreational	Offsite	378.619	6369.367	4.39E-03	9.23E-03	1.28E-01	7.55E-03	2.38E-06	8.28E-03	1.41E-03	4.40E-04	8.61E-12	2.29E-04	6.06E-07	4.25E-07	6.69E-06	4.17E-06	2.50E-05	3.95E-07	9.01E-06	1.23E-03	1.14E-04	1.47E-03
967	SR_6	Sensitive Receptor	Recreational	Offsite	378.352	6369.171	3.52E-03	7.40E-03	1.03E-01	6.26E-03	1.91E-06	6.76E-03	1.13E-03	3.53E-04	6.91E-12	1.83E-04	4.86E-07	3.42E-07	5.37E-06	3.34E-06	2.00E-05	3.17E-07	7.23E-06	9.87E-04	9.14E-05	1.18E-03
968	SR_7	Sensitive Receptor	Recreational	Offsite	378.046	6369.006	2.75E-03	5.79E-03	8.03E-02	5.16E-03	1.50E-06	5.56E-03	8.85E-04	2.76E-04	5.40E-12	1.43E-04	3.80E-07	2.67E-07	4.20E-06	2.62E-06	1.57E-05	2.48E-07	5.66E-06	7.72E-04	7.15E-05	9.20E-04
969	SR_8	Sensitive Receptor	Recreational	Offsite	377.732	6368.896	2.62E-03	5.50E-03	7.62E-02	4.94E-03	1.42E-06	5.41E-03	8.41E-04	2.62E-04	5.14E-12	1.36E-04	3.61E-07	2.53E-07	3.99E-06	2.48E-06	1.49E-05	2.36E-07	5.38E-06	7.34E-04	6.79E-05	8.75E-04
970	SR_9	Sensitive Receptor	Recreational	Offsite	377.425	6368.786	2.56E-03	5.39E-03	7.46E-02	4.72E-03	1.39E-06	5.20E-03	8.23E-04	2.57E-04	5.03E-12	1.33E-04	3.53E-07	2.47E-07	3.91E-06	2.43E-06	1.46E-05	2.31E-07	5.26E-06	7.19E-04	6.65E-05	8.56E-04
971	SR_10	Sensitive Receptor	Recreational	Offsite	377.064	6368.660	2.35E-03	4.94E-03	6.84E-02	4.22E-03	1.28E-06	4.61E-03	7.55E-04	2.36E-04	4.61E-12	1.22E-04	3.24E-07	2.27E-07	3.58E-06	2.23E-06	1.34E-05	2.11E-07	4.83E-06	6.59E-04	6.10E-05	7.85E-04
972	SR_11	Sensitive Receptor	Recreational	Offsite	376.781	6368.472	2.16E-03	4.55E-03	6.30E-02	3.82E-03	1.17E-06	4.19E-03	6.95E-04	2.17E-04	4.24E-12	1.13E-04	2.98E-07	2.09E-07	3.30E-06	2.05E-06	1.23E-05	1.95E-07	4.44E-06	6.07E-04	5.61E-05	7.23E-04
973	SR_12	Sensitive Receptor	Recreational	Offsite	376.648	6368.197	2.04E-03	4.28E-03	5.93E-02	3.55E-03	1.11E-06	3.98E-03	6.55E-04	2.04E-04	4.00E-12	1.06E-04	2.81E-07	1.97E-07	3.11E-06	1.93E-06	1.16E-05	1.83E-07	4.19E-06	5.72E-04	5.29E-05	6.81E-04
974	SR_13	Sensitive Receptor	Recreational	Offsite	376.719	6367.859	2.01E-03	4.23E-03	5.86E-02	3.43E-03	1.09E-06	3.96E-03	6.47E-04	2.02E-04	3.95E-12	1.05E-04	2.78E-07	1.95E-07	3.07E-06	1.91E-06	1.14E-05	1.81E-07	4.13E-06	5.65E-04	5.22E-05	6.73E-04
975	SR_14	Sensitive Receptor	Recreational	Offsite	376.883	6367.624	2.22E-03	4.66E-03	6.45E-02	3.73E-03	1.21E-06	4.44E-03	7.13E-04	2.22E-04	4.35E-12	1.16E-04	3.06E-07	2.15E-07	3.38E-06	2.11E-06	1.26E-05	2.00E-07	4.56E-06	6.22E-04	5.76E-05	7.41E-04
976	SR_15	Sensitive Receptor	Recreational	Offsite	377.135	6367.428	2.60E-03	5.46E-03	7.54E-02	4.32E-03	1.41E-06	5.35E-03	8.35E-04	2.61E-04	5.10E-12	1.35E-04	3.59E-07	2.53E-07	3.96E-06	2.47E-06	1.48E-05	2.34E-07	5.34E-06	7.29E-04	6.74E-05	8.69E-04
977	SR_16	Sensitive Receptor	Recreational	Offsite	377.402	6367.239	2.99E-03	6.29E-03	8.67E-02	4.94E-03	1.63E-06	6.34E-03	9.62E-04	3.00E-04	5.88E-12	1.56E-04	4.14E-07	2.92E-07	4.57E-06	2.85E-06	1.70E-05	2.70E-07	6.15E-06	8.40E-04	7.77E-05	1.00E-03
978	SR_17	Sensitive Receptor	Recreational	Offsite	377.622	6367.058	3.26E-03	6.85E-03	9.44E-02	5.26E-03	1.77E-06	6.77E-03	1.05E-03	3.27E-04	6.40E-12	1.70E-04	4.52E-07	3.20E-07	4.98E-06	3.10E-06	1.85E-05	2.94E-07	6.69E-06	9.14E-04	8.46E-05	1.09E-03
979	SR_18	Sensitive Receptor	Recreational	Offsite	377.849	6366.846	4.25E-03	8.93E-03	1.23E-01	6.59E-03	2.32E-06	8.15E-03	1.37E-03	4.26E-04	8.33E-12	2.21E-04	5.92E-07	4.22E-07	6.48E-06	4.05E-06	2.42E-05	3.83E-07	8.72E-06	1.19E-03	1.10E-04	1.42E-03
980	SR_19	Sensitive Receptor	Recreational	Offsite	378.101	6366.642	5.59E-03	1.18E-02	1.62E-01	8.45E-03	3.05E-06	1.02E-02	1.80E-03	5.61E-04	1.10E-11	2.92E-04	7.82E-07	5.61E-07	8.54E-06	5.34E-06	3.18E-05	5.05E-07	1.15E-05	1.57E-03	1.45E-04	1.87E-03
981	SR_20	Sensitive Receptor	Recreational	Offsite	378.376	6366.477	5.30E-03	1.11E-02	1.53E-01	8.06E-03	2.89E-06	1.00E-02	1.70E-03	5.31E-04	1.04E-11	2.76E-04	7.41E-07	5.33E-07	8.09E-06	5.06E-06	3.01E-05	4.78E-07	1.09E-05	1.49E-03	1.37E-04	1.77E-03
982	SR_21	Sensitive Receptor	Recreational	Offsite	378.713	6366.399	4.18E-03	8.80E-03	1.21E-01	6.42E-03	2.29E-06	8.31E-03	1.35E-03	4.20E-04	8.21E-12	2.18E-04	5.85E-07	4.21E-07	6.39E-06	3.99E-06	2.38E-05	3.78E-07	8.58E-06	1.17E-03	1.09E-04	1.40E-03
983	SR_22	Sensitive Receptor	Recreational	Offsite	379.059	6366.469	3.71E-03	7.81E-03	1.07E-01	5.60E-03	2.03E-06	7.60E-03	1.19E-03	3.72E-04	7.29E-12	1.94E-04	5.18E-07	3.71E-07	5.67E-06	3.54E-06	2.11E-05	3.35E-07	7.62E-06	1.04E-03	9.64E-05	1.24E-03
984	SR_23	Sensitive Receptor	Recreational	Offsite	379.373	6366.532	3.31E-03	6.96E-03	9.57E-02	4.94E-03	1.80E-06	6.90E-03	1.06E-03	3.32E-04	6.49E-12	1.72E-04	4.59E-07	3.24E-07	5.05E-06	3.15E-06	1.88E-05	2.98E-07	6.79E-06	9.28E-04	8.59E-05	1.11E-03
985	SR_24	Sensitive Receptor	Recreational	Offsite	379.648	6366.477	3.67E-03	7.71E-03	1.06E-01	5.34E-03	1.99E-06	7.22E-03	1.18E-03	3.68E-04	7.19E-12	1.91E-04	5.05E-07	3.52E-07	5.59E-06	3.48E-06	2.09E-05	3.30E-07	7.53E-06	1.03E-03	9.52E-05	1.23E-03
986	SR_25	Sensitive Receptor	Recreational	Offsite	379.930	6366.391	4.90E-03	1.03E-02	1.42E-01	7.09E-03	2.66E-06	8.97E-03	1.58E-03	4.92E-04	9.62E-12	2.55E-04	6.72E-07	4.66E-07	7.48E-06	4.65E-06	2.79E-05	4.41E-07	1.01E-05	1.37E-03	1.27E-04	1.64E-03
987	SR_26	Sensitive Receptor	Recreational	Offsite	380.221	6366.289	5.84E-03	1.23E-02	1.69E-01	8.51E-03	3.16E-06	9.85E-03	1.88E-03	5.86E-04	1.15E-11	3.04E-04	8.00E-07	5.53E-07	8.91E-06	5.53E-06	3.32E-05	5.25E-07	1.20E-05	1.64E-03	1.52E-04	1.95E-03
988	SR_27	Sensitive Receptor	Recreational	Offsite	380.512	6366.202	7.26E-03	1.52E-02	2.10E-01	1.05E-02	3.93E-06	1.11E-02	2.33E-03	7.28E-04	1.42E-11	3.78E-04	9.94E-07	6.88E-07	1.11E-05	6.87E-06	4.13E-05	6.52E-07	1.49E-05	2.04E-03	1.88E-04	2.43E-03
989	SR_28	Sensitive Receptor	Recreational	Offsite	380.810	6366.108	8.40E-03	1.77E-02	2.43E-01	1.20E-02	4.55E-06	1.19E-02	2.70E-03	8.43E-04	1.65E-11	4.38E-04	1.15E-06	7.99E-07	1.28E-05	7.96E-06	4.78E-05	7.56E-07	1.73E-05	2.36E-03	2.18E-04	2.81E-03
990	SR_29	Sensitive Receptor	Recreational	Offsite	381.108	6365.983	8.41E-03	1.77E-02	2.44E-01	1.21E-02	4.56E-06	1.14E-02	2.70E-03	8.44E-04	1.65E-11	4.38E-04	1.15E-06	8.01E-07	1.28E-05	7.98E-06	4.79E-05	7.57E-07	1.73E-05	2.36E-03	2.19E-04	2.81E-03
991	SR_30	Sensitive Receptor	Recreational	Offsite	381.367	6365.771	7.53E-03	1.58E-02	2.18E-01	1.09E-02	4.08E-06	9.71E-03	2.42E-03	7.56E-04	1.48E-11	3.92E-04	1.03E-06	7.17E-07	1.15E-05	7.14E-06	4.29E-05	6.78E-07	1.55E-05	2.11E-03	1.96E-04	2.52E-03
992	SR_31	Sensitive Receptor	Recreational	Offsite	381.470	6365.394	5.48E-03	1.15E-02	1.59E-01	7.95E-03	2.97E-06	6.71E-03	1.76E-03	5.50E-04	1.08E-11	2.86E-04	7.52E-07	5.21E-07	8.37E-06	5.20E-06	3.12E-05	4.93E-07	1.13E-05	1.54E-03	1.42E-04	1.83E-03
993	SR_32	Sensitive Receptor	Recreational	Offsite	381.564	6365.134	4.40E-03	9.28E-03	1.28E-01	6.42E-03	2.39E-06	5.24E-03	1.42E-03	4.42E-04	8.65E-12	2.30E-04	6.04E-07	4.19E-07	6.73E-06	4.18E-06	2.51E-05	3.97E-07	9.07E-06	1.24E-03	1.15E-04	1.47E-03
994	SR_33	Sensitive Receptor	Recreational	Offsite	381.713	6364.852	3.74E-03	7.88E-03	1.09E-01	5.50E-03	2.03E-06	4.33E-03	1.20E-03	3.76E-04	7.35E-12	1.95E-04	5.13E-07	3.55E-07	5.71E-06	3.55E-06	2.13E-05	3.37E-07	7.70E-06	1.05E-03	9.73E-05	1.25E-03
995	SR_34	Sensitive Receptor	Recreational	Offsite	382.051	6364.600	3.84E-03	8.11E-03	1.12E-01	5.70E-03	2.09E-06	4.25E-03	1.24E-03	3.87E-04	7.56E-12	2.01E-04	5.28E-07	3.66E-07	5.88E-06	3.65E-06	2.19E-05	3.47E-07	7.92E-06	1.08E-03	1.00E-04	1.29E-03
996	SR_35	Sensitive Receptor	Recreational	Offsite	377.700	6366.509	4.41E-03	9.29E-03	1.28E-01	6.76E-03	2.41E-06	7.70E-03	1.42E-03	4.43E-04	8.67E-12	2.31E-04	6.18E-07	4.43E-07	6.75E-06	4.22E-06	2.51E-05	3.99E-07	9.07E-06	1.24E-03	1.15E-04	1.48E-03
997	SR_36	Sensitive Receptor	Recreational	Offsite	377.606	6366.124	3.68E-03	7.75E-03	1.07E-01	5.64E-03	2.01E-06	6.11E-03	1.18E-03	3.69E-04	7.23E-12	1.92E-04	5.16E-07	3.71E-07	5.63E-06	3.52E-06	2.10E-05	3.33E-07	7.56E-06	1.03E-03	9.56E-05	1.23E-03
998	SR_37	Sensitive Receptor	Recreational	Offsite	377.465	6365.771	2.84E-03	5.97E-03	8.26E-02	4.42E-03	1.55E-06	4.55E-03	9.13E-04	2.85E-04	5.57E-12	1.48E-04	3.98E-07	2.87E-07	4.34E-06	2.71E-06	1.62E-05	2.56E-07	5.82E-06	7.97E-04	7.37E-05	9.49E-04
999	SR_38	Sensitive Receptor	Recreational	Offsite	377.527	6365.409	2.03E-03	4.28E-03	5.93E-02	3.21E-03	1.11E-06	3.18E-03	6.54E-04	2.04E-04	3.99E-12	1.06E-04	2.85E-07	2.05E-07	3.10E-06	1.94E-06	1.16E-05	1.84E-07	4.17E-06	5.70E-04	5.27E-05	6.80E-04
1000	SR_39	Sensitive Receptor	Recreational	Offsite	377.739	6365.150	1.69E-03	3.56E-03	4.95E-02	2.72E-03	9.26E-07	2.69E-03	5.44E-04	1.70E-04	3.32E-12	8.84E-05	2.37E-07	1.71E-07	2.59E-06	1.62E-06	9.63E-06	1.53E-07	3.47E-06	4.75E-04	4.39E-05	5.66E-04
1001	SR_40	Sensitive Receptor	Recreational	Offsite	377.959	6364.883	1.23E-03	2.60E-03	3.62E-02	1.97E-03	6.74E-07	1.88E-03	3.97E-04	1.24E-04	2.42E-12	6.44E-05	1.73E-07	1.24E-07	1.89E-06	1.18E-06	7.02E-06	1.11E-07	2.53E-06	3.46E-04	3.20E-05	4.13E-04
1002	SR_41	Sensitive Receptor	Recreational	Offsite	378.234	6364.553	9.73E-04	2.05E-03	2.87E-02	1.54E-03	5.32E-07	1.44E-03	3.14E-04	9.78E-05	1.91E-12	5.09E-05	1.36E-07	9.79E-08	1.49E-06	9.31E-07	5.55E-06	8.80E-08	2.00E-06	2.74E-04	2.53E-05	3.26E-04
1003	SR_42	Sensitive Receptor	Recreational	Offsite	377.951	6365.331	1.71E-03	3.59E-03	4.99E-02	2.70E-03	9.33E-07	2.75E-03	5.49E-04	1.71E-04	3.35E-12	8.91E-05	2.39E-07	1.72E-07	2.61E-06	1.63E-06	9.72E-06	1.54E-07	3.50E-06	4.79E-04	4.43E-05	5.71E-04
1004	SR_43	Sensitive Receptor	Recreational	Offsite	377.959	6366.344	4.56E-03	9.59E-03	1.32E-01	6.91E-03	2.49E-06	7.99E-03	1.47E-03	4.57E-04	8.95E-12	2.38E-04	6.38E-07	4.59E-07	6.97E-06	4.35E-06	2.60E-05	4.12E-07	9.36E-06	1.28E-03	1.18E-04	1.53E-03
1005	SR_44	Sensitive Receptor	Recreational	Offsite	377.975	6365.841	2.64E-03	5.55E-03	7.67E-02	4.10E-03	1.44E-06	4.48E-03	8.48E-04	2.65E-04	5.18E-12	1.38E-04	3.70E-07	2.66E-07	4.03E-06	2.52E-06	1.50E-05	2.38E-07	5.41E-06	7.40E-04	6.85E-05	8.82E-04
1006	SR_45	Sensitive Receptor	Recreational	Offsite	379.271	6366.934	8.56E-03	1.80E-02	2.46E-01	1.29E-02	4.66E-06	1.97E-02	2.75E-03	8.58E-04	1.68E-11	4.46E-04	1.19E-06	8.51E-07	1.31E-05	8.15E-06	4.87E-05	7.72E-07	1.76E-05	2.40E-03	2.22E-04	2.86E-03
1007	SR_46	Sensitive Receptor	Recreational	Offsite	379.247	6366.890	7.71E-03	1.62E-02	2.22E-01	1.16E-02	4.21E-06	1.76E-02	2.48E-03	7.73E-04	1.51E-11	4.02E-04	1.07E-06	7.68E-07	1.18E-05	7.35E-06	4.39E-05	6.96E-07	1.58E-05	2.16E-03	2.00E-04	2.58E-03
1008	SR_47	Sensitive Receptor	Recreational	Offsite	379.315	6366.905	7.63E-03	1.60E-02	2.20E-01	1.14E-02	4.15E-06	1.75E-02	2.45E-03	7.64E-04	1.50E-11	3.97E-04	1.06E-06	7.56E-07	1.16E-05	7.26E-06	4.34E-05	6.87E-07	1.56E-05	2.14E-03	1.98E-04	2.55E-03
1009	SR_48	Sensitive Receptor	Recreational	Offsite	379.288	6366.857	6.93E-03	1.46E-02	2.00E-01	1.04E-02	3.78E-06	1.57E-02	2.23E-03	6.95E-04	1.36E-11	3.61E-04	9.65E-07	6.88E-07	1.06E-05	6.60E-06	3.94E-05	6.25E-07	1.42E-05	1.94E-03	1.80E-04	2.32E-03
1010	SR_49	Sensitive Receptor	Recreational	Offsite	379.357	6366.872	6.83E-03	1.44E-02	1.97E-01	1.02E-02	3.72E-06	1.55E-02	2.20E-03	6.85E-04	1.34E-11	3.56E-04	9.49E-07	6.74E-07	1.04E-05	6.50E-06	3.89E-05	6.16E-07	1.40E-05	1.92E-03	1.77E-04	2.28E-03
1011	SR_50	Sensitive Receptor	Recreational	Offsite	379.321	6366.819	6.15E-03	1.29E-02	1.77E-01	9.19E-03	3.35E-06	1.38E-02	1.98E-03	6.16E-04	1.21E-11	3.21E-04	8.55E-07	6.08E-07	9.38E-06	5.85E-06	3.50E-05	5.54E-07	1.26E-05	1.72E-03	1.60E-04	2.06E-03
1012	SR_51	Sensitive Receptor	Commercial	Offsite	380.025	6370.050	1.95E-03	4.11E-03	5.75E-02	3.19E-03	1.06E-06	3.39E-03	6.28E-04	1.96E-04	3.83E-12	1.02E-04	2.69E-07	1.88E-07	2.98E-06	1.85E-06	1.11E-05	1.76E-07	4.02E-06	5.48E-04	5.07E-05	6.53E-04
1013	SR_52	Sensitive Receptor	Commercial	Offsite	379.877	6369.978	2.14E-03	4.50E-03	6.29E-02	3.48E-03	1.16E-06	3.75E-03	6.88E-04	2.15E-04	4.20E-12	1.11E-04	2.94E-07	2.06E-07	3.26E-06	2.03E-06	1.22E-05	1.93E-07	4.40E-06	6.00E-04	5.55E-05	7.15E-04
1014	SR_53	Sensitive Receptor	Commercial	Offsite	380.968	6368.921	3.93E-03	8.26E-03	1.14E-01	6.46E-03	2.13E-06	7.32E-03	1.26E-03	3.94E-04	7.71E-12	2.05E-04	5.42E-07	3.80E-07	6.00E-06	3.73E-06	2.24E-05	3.54E-07	8.07E-06	1.10E-03	1.02E-04	1.31E-03
1015	SR_54	Sensitive Receptor	Commercial	Offsite	381.099	6368.904	3.62E-03	7.61E-03	1.06E-01	6.03E-03	1.97E-06	6.69E-03	1.16E-03	3.63E-04	7.11E-12	1.89E-04	4.99E-07	3.50E-07	5.53E-06	3.44E-06	2.06E-05	3.26E-07	7.44E-06	1.02E-03	9.40E-05	1.21E-03
1016	SR_55	Sensitive Receptor	Commercial	Offsite	381.221	6368.883	3.42E-03	7.18E-03	9.97E-02	5.74E-03	1.86E-06	6.25E-03	1.10E-03	3.43E-04	6.71E-12	1.78E-04	4.71E-07	3.30E-07	5.21E-06	3.24E-06	1.94E-05	3.08E-07	7.02E-06	9.59E-04	8.87E-05	1.14E-03
1017	SR_56	Sensitive Receptor	Commercial	Offsite	380.947	6368.811	4.12E-03	8.67E-03	1.20E-01	6.81E-03	2.24E-06	7.84E-03	1.33E-03	4.14E-04	8.09E-12	2.15E-04	5.68E-07	3.98E-07	6.29E-06	3.91E-06	2.35E-05	3.71E-07	8.47E-06	1.16E-03	1.07E-04	1.38E-03
1018	SR_57	Sensitive Receptor	Commercial	Offsite	381.082	6368.798	3.81E-03	8.00E-03	1.11E-01	6.36E-03	2.07E-06	7.15E-03	1.22E-03	3.82E-04	7.47E-12	1.98E-04	5.25E-07	3.67E-07	5.81E-06	3.61E-06	2.17E-05	3.43E-07	7.82E-06	1.07E-03	9.88E-05	1.27E-03
1019	SR_58	Sensitive Receptor	Commercial	Offsite	381.293	6368.773	3.50E-03	7.35E-03	1.02E-01	5.90E-03	1.90E-06	6.39E-03	1.12E-03	3.51E-04	6.86E-12	1.82E-04	4.82E-07	3.38E-07	5.34E-06	3.32E-06	1.99E-05	3.15E-07	7.19E-06	9.81E-04	9.08E-05	1.17E-03
1020	SR_59	Sensitive Receptor	Commercial	Offsite	381.200	6368.219	4.91E-03	1.03E-02	1.42E-01	8.21E-03	2.66E-06	9.21E-03	1.58E-03	4.92E-04	9.63E-12	2.56E-04	6.76E-07	4.72E-07	7.49E-06	4.66E-06	2.79E-05	4.42E-07	1.01E-05	1.38E-03	1.27E-04	1.64E-03
1021	SR_60	Sensitive Receptor	Commercial	Offsite	382.315	6367.708	3.81E-03	8.01E-03	1.11E-01	6.19E-03	2.07E-06	6.13E-03	1.23E-03	3.82E-04	7.48E-12	1.99E-04	5.25E-07	3.67E-07	5.82E-06	3.62E-06	2.17E-05	3.43E-07	7.84E-06	1.07E-03	9.90E-05	1.27E-03
1022	SR_61	Sensitive Receptor	Commercial	Offsite	382.259	6367.717	3.88E-03	8.15E-03	1.13E-01	6.29E-03	2.10E-06	6.27E-03	1.25E-03	3.89E-04	7.60E-12	2.02E-04	5.34E-07	3.73E-07	5.91E-06	3.68E-06	2.21E-05	3.49E-07	7.96E-06	1.09E-03	1.01E-04	1.30E-03
1023	SR_62	Sensitive Receptor	Commercial	Offsite	382.229	6367.724	3.92E-03	8.24E-03	1.14E-01	6.37E-03	2.13E-06	6.37E-03	1.26E-03	3.93E-04	7.69E-12	2.04E-04	5.40E-07	3.77E-07	5.98E-06	3.72E-06	2.23E-05	3.53E-07	8.06E-06	1.10E-03	1.02E-04	1.31E-03
1024	SR_63	Sensitive Receptor	Commercial	Offsite	382.198	6367.730	3.96E-03	8.31E-03	1.15E-01	6.43E-03	2.15E-06	6.45E-03	1.27E-03	3.97E-04	7.76E-12	2.06E-04	5.45E-07	3.80E-07	6.03E-06	3.75E-06	2.25E-05	3.56E-07	8.13E-06	1.11E-03	1.03E-04	1.32E-03
1025	SR_64	Sensitive Receptor	Commercial	Offsite	382.142	6367.732	4.03E-03	8.48E-03	1.18E-01	6.55E-03	2.19E-06	6.62E-03	1.30E-03	4.04E-04	7.91E-12	2.10E-04	5.55E-07	3.88E-07	6.15E-06	3.83E-06	2.29E-05	3.63E-07	8.29E-06	1.13E-03	1.05E-04	1.35E-03
1026	SR_65	Sensitive Receptor	Commercial	Offsite	382.096	6367.715	4.16E-03	8.74E-03	1.21E-01	6.74E-03	2.26E-06	6.86E-03	1.34E-03	4.17E-04	8.16E-12	2.17E-04	5.73E-07	4.00E-07	6.34E-06	3.95E-06	2.37E-05	3.74E-07	8.55E-06	1.17E-03	1.08E-04	1.39E-03
1027	SR_66	Sensitive Receptor	Commercial	Offsite	382.059	6367.688	4.34E-03	9.12E-03	1.26E-01	7.01E-03	2.35E-06	7.20E-03	1.39E-03	4.35E-04	8.51E-12	2.26E-04	5.97E-07	4.17E-07	6.62E-06	4.12E-06	2.47E-05	3.91E-07	8.92E-06	1.22E-03	1.13E-04	1.45E-03
1028	SR_67	Sensitive Receptor	Commercial	Offsite	381.984	6367.635	4.76E-03	1.00E-02	1.38E-01	7.63E-03	2.58E-06	7.99E-03	1.53E-03	4.77E-04	9.33E-12	2.48E-04	6.55E-07	4.58E-07	7.26E-06	4.51E-06	2.71E-05	4.28E-07	9.78E-06	1.33E-03	1.23E-04	1.59E-03

AQIA DATA - SCENARIO 1 GRID MAX

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.124**	**0.260**	**3.550**	**0.199**	**6.74E-05**	**0.358**	**0.040**	**0.012**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**0.035**	**0.003**	**0.041**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1029	SR_68	Sensitive Receptor	Commercial	Offsite	381.937	6367.607	5.00E-03	1.05E-02	1.45E-01	7.98E-03	2.71E-06	8.45E-03	1.61E-03	5.01E-04	9.80E-12	2.60E-04	6.88E-07	4.81E-07	7.62E-06	4.74E-06	2.84E-05	4.50E-07	1.03E-05	1.40E-03	1.30E-04	1.67E-03
1030	SR_69	Sensitive Receptor	Commercial	Offsite	381.900	6367.578	5.18E-03	1.09E-02	1.50E-01	8.23E-03	2.81E-06	8.79E-03	1.66E-03	5.19E-04	1.02E-11	2.70E-04	7.13E-07	4.98E-07	7.90E-06	4.91E-06	2.95E-05	4.66E-07	1.06E-05	1.45E-03	1.34E-04	1.73E-03
1031	SR_70	Sensitive Receptor	Commercial	Offsite	382.308	6367.664	3.95E-03	8.30E-03	1.15E-01	6.38E-03	2.14E-06	6.37E-03	1.27E-03	3.96E-04	7.75E-12	2.06E-04	5.44E-07	3.80E-07	6.03E-06	3.75E-06	2.25E-05	3.56E-07	8.12E-06	1.11E-03	1.03E-04	1.32E-03
1032	SR_71	Sensitive Receptor	Commercial	Offsite	382.279	6367.620	4.07E-03	8.56E-03	1.19E-01	6.54E-03	2.21E-06	6.58E-03	1.31E-03	4.08E-04	7.99E-12	2.12E-04	5.61E-07	3.92E-07	6.21E-06	3.87E-06	2.32E-05	3.67E-07	8.37E-06	1.14E-03	1.06E-04	1.36E-03
1033	SR_72	Sensitive Receptor	Commercial	Offsite	382.244	6367.607	4.17E-03	8.76E-03	1.21E-01	6.67E-03	2.26E-06	6.76E-03	1.34E-03	4.18E-04	8.18E-12	2.17E-04	5.74E-07	4.01E-07	6.36E-06	3.95E-06	2.37E-05	3.75E-07	8.56E-06	1.17E-03	1.08E-04	1.39E-03
1034	SR_73	Sensitive Receptor	Commercial	Offsite	382.213	6367.622	4.20E-03	8.82E-03	1.22E-01	6.73E-03	2.28E-06	6.84E-03	1.35E-03	4.21E-04	8.24E-12	2.19E-04	5.78E-07	4.04E-07	6.40E-06	3.98E-06	2.39E-05	3.78E-07	8.63E-06	1.18E-03	1.09E-04	1.40E-03
1035	SR_74	Sensitive Receptor	Commercial	Offsite	382.187	6367.624	4.25E-03	8.93E-03	1.24E-01	6.81E-03	2.31E-06	6.94E-03	1.36E-03	4.26E-04	8.33E-12	2.21E-04	5.85E-07	4.09E-07	6.48E-06	4.03E-06	2.42E-05	3.82E-07	8.73E-06	1.19E-03	1.10E-04	1.42E-03
1036	SR_75	Sensitive Receptor	Commercial	Offsite	382.123	6367.629	4.38E-03	9.21E-03	1.28E-01	7.03E-03	2.38E-06	7.22E-03	1.41E-03	4.39E-04	8.59E-12	2.28E-04	6.03E-07	4.21E-07	6.68E-06	4.16E-06	2.49E-05	3.94E-07	9.00E-06	1.23E-03	1.14E-04	1.46E-03
1037	SR_76	Sensitive Receptor	Commercial	Offsite	382.050	6367.569	4.72E-03	9.92E-03	1.37E-01	7.50E-03	2.56E-06	7.85E-03	1.52E-03	4.73E-04	9.26E-12	2.46E-04	6.50E-07	4.54E-07	7.20E-06	4.48E-06	2.68E-05	4.25E-07	9.70E-06	1.32E-03	1.22E-04	1.58E-03
1038	SR_77	Sensitive Receptor	Commercial	Offsite	382.028	6367.547	4.88E-03	1.02E-02	1.42E-01	7.73E-03	2.65E-06	8.14E-03	1.57E-03	4.89E-04	9.57E-12	2.54E-04	6.71E-07	4.69E-07	7.44E-06	4.63E-06	2.77E-05	4.39E-07	1.00E-05	1.37E-03	1.27E-04	1.63E-03
1039	SR_78	Sensitive Receptor	Commercial	Offsite	381.920	6367.470	5.57E-03	1.17E-02	1.62E-01	8.73E-03	3.02E-06	9.43E-03	1.79E-03	5.59E-04	1.09E-11	2.90E-04	7.67E-07	5.36E-07	8.50E-06	5.29E-06	3.17E-05	5.02E-07	1.14E-05	1.56E-03	1.45E-04	1.86E-03
1040	SR_79	Sensitive Receptor	Commercial	Offsite	381.968	6367.507	5.23E-03	1.10E-02	1.52E-01	8.23E-03	2.84E-06	8.79E-03	1.68E-03	5.24E-04	1.03E-11	2.72E-04	7.19E-07	5.02E-07	7.97E-06	4.96E-06	2.97E-05	4.70E-07	1.07E-05	1.47E-03	1.36E-04	1.75E-03
1041	SR_80	Sensitive Receptor	Commercial	Offsite	381.984	6367.474	5.34E-03	1.12E-02	1.55E-01	8.38E-03	2.90E-06	8.96E-03	1.72E-03	5.35E-04	1.05E-11	2.78E-04	7.35E-07	5.13E-07	8.14E-06	5.06E-06	3.04E-05	4.80E-07	1.10E-05	1.50E-03	1.39E-04	1.78E-03
1042	SR_81	Sensitive Receptor	Commercial	Offsite	381.992	6367.443	5.47E-03	1.15E-02	1.59E-01	8.56E-03	2.97E-06	9.17E-03	1.76E-03	5.49E-04	1.07E-11	2.85E-04	7.54E-07	5.26E-07	8.35E-06	5.19E-06	3.11E-05	4.93E-07	1.12E-05	1.54E-03	1.42E-04	1.83E-03
1043	SR_82	Sensitive Receptor	Commercial	Offsite	382.087	6367.492	4.92E-03	1.03E-02	1.43E-01	7.75E-03	2.67E-06	8.15E-03	1.58E-03	4.94E-04	9.65E-12	2.56E-04	6.78E-07	4.73E-07	7.51E-06	4.67E-06	2.80E-05	4.43E-07	1.01E-05	1.38E-03	1.28E-04	1.64E-03
1044	SR_83	Sensitive Receptor	Commercial	Offsite	382.279	6367.503	4.36E-03	9.17E-03	1.27E-01	6.90E-03	2.37E-06	7.05E-03	1.40E-03	4.37E-04	8.56E-12	2.27E-04	6.01E-07	4.20E-07	6.65E-06	4.14E-06	2.48E-05	3.93E-07	8.96E-06	1.22E-03	1.13E-04	1.46E-03
1045	SR_84	Sensitive Receptor	Commercial	Offsite	382.134	6367.415	5.16E-03	1.08E-02	1.50E-01	8.06E-03	2.80E-06	8.49E-03	1.66E-03	5.17E-04	1.01E-11	2.69E-04	7.10E-07	4.96E-07	7.87E-06	4.89E-06	2.93E-05	4.64E-07	1.06E-05	1.45E-03	1.34E-04	1.72E-03
1046	SR_85	Sensitive Receptor	Commercial	Offsite	382.025	6367.371	5.73E-03	1.20E-02	1.66E-01	8.89E-03	3.11E-06	9.52E-03	1.84E-03	5.74E-04	1.12E-11	2.98E-04	7.88E-07	5.50E-07	8.74E-06	5.43E-06	3.26E-05	5.15E-07	1.18E-05	1.61E-03	1.49E-04	1.91E-03
1047	SR_86	Sensitive Receptor	Commercial	Offsite	381.984	6367.353	5.99E-03	1.26E-02	1.74E-01	9.27E-03	3.25E-06	9.99E-03	1.92E-03	6.00E-04	1.17E-11	3.12E-04	8.24E-07	5.75E-07	9.13E-06	5.68E-06	3.41E-05	5.39E-07	1.23E-05	1.68E-03	1.55E-04	2.00E-03
1048	SR_87	Sensitive Receptor	Commercial	Offsite	382.204	6367.322	5.41E-03	1.14E-02	1.57E-01	8.39E-03	2.94E-06	8.79E-03	1.74E-03	5.43E-04	1.06E-11	2.82E-04	7.45E-07	5.20E-07	8.26E-06	5.14E-06	3.08E-05	4.87E-07	1.11E-05	1.52E-03	1.41E-04	1.81E-03
1049	SR_88	Sensitive Receptor	Commercial	Offsite	382.259	6367.353	5.08E-03	1.07E-02	1.48E-01	7.91E-03	2.76E-06	8.22E-03	1.63E-03	5.10E-04	9.97E-12	2.65E-04	7.00E-07	4.89E-07	7.75E-06	4.82E-06	2.89E-05	4.58E-07	1.04E-05	1.43E-03	1.32E-04	1.70E-03
1050	SR_89	Sensitive Receptor	Commercial	Offsite	381.582	6367.234	9.32E-03	1.96E-02	2.69E-01	1.42E-02	5.05E-06	1.61E-02	2.99E-03	9.34E-04	1.83E-11	4.85E-04	1.28E-06	8.92E-07	1.42E-05	8.84E-06	5.30E-05	8.38E-07	1.91E-05	2.61E-03	2.42E-04	3.11E-03
1051	SR_90	Sensitive Receptor	Commercial	Offsite	381.478	6367.196	1.04E-02	2.17E-02	2.99E-01	1.57E-02	5.61E-06	1.79E-02	3.33E-03	1.04E-03	2.03E-11	5.39E-04	1.42E-06	9.91E-07	1.58E-05	9.82E-06	5.89E-05	9.31E-07	2.13E-05	2.90E-03	2.69E-04	3.46E-03
1052	SR_91	Sensitive Receptor	Commercial	Offsite	381.361	6367.097	1.25E-02	2.63E-02	3.62E-01	1.88E-02	6.79E-06	2.16E-02	4.02E-03	1.26E-03	2.46E-11	6.52E-04	1.72E-06	1.20E-06	1.91E-05	1.19E-05	7.13E-05	1.13E-06	2.57E-05	3.51E-03	3.25E-04	4.19E-03
1053	SR_92	Sensitive Receptor	Commercial	Offsite	381.275	6366.951	1.44E-02	3.03E-02	4.16E-01	2.15E-02	7.81E-06	2.45E-02	4.63E-03	1.45E-03	2.83E-11	7.50E-04	1.98E-06	1.38E-06	2.20E-05	1.37E-05	8.20E-05	1.30E-06	2.96E-05	4.04E-03	3.74E-04	4.82E-03
1054	SR_93	Sensitive Receptor	Commercial	Offsite	381.116	6366.837	1.62E-02	3.40E-02	4.66E-01	2.41E-02	8.77E-06	2.71E-02	5.20E-03	1.62E-03	3.17E-11	8.42E-04	2.22E-06	1.54E-06	2.47E-05	1.53E-05	9.20E-05	1.45E-06	3.32E-05	4.54E-03	4.20E-04	5.41E-03
1055	SR_94	Sensitive Receptor	Commercial	Offsite	381.094	6366.907	1.65E-02	3.47E-02	4.76E-01	2.46E-02	8.95E-06	2.81E-02	5.30E-03	1.66E-03	3.24E-11	8.59E-04	2.27E-06	1.57E-06	2.52E-05	1.56E-05	9.39E-05	1.48E-06	3.39E-05	4.63E-03	4.29E-04	5.52E-03
1056	SR_95	Sensitive Receptor	Commercial	Offsite	381.006	6366.786	1.72E-02	3.61E-02	4.95E-01	2.56E-02	9.31E-06	2.85E-02	5.52E-03	1.72E-03	3.37E-11	8.95E-04	2.36E-06	1.64E-06	2.62E-05	1.63E-05	9.77E-05	1.55E-06	3.53E-05	4.82E-03	4.46E-04	5.74E-03
1057	SR_96	Sensitive Receptor	Commercial	Offsite	380.977	6366.863	1.80E-02	3.79E-02	5.20E-01	2.69E-02	9.78E-06	3.06E-02	5.80E-03	1.81E-03	3.54E-11	9.39E-04	2.48E-06	1.72E-06	2.75E-05	1.71E-05	1.03E-04	1.62E-06	3.71E-05	5.06E-03	4.68E-04	6.03E-03
1058	SR_97	Sensitive Receptor	Commercial	Offsite	380.891	6366.784	1.87E-02	3.93E-02	5.39E-01	2.77E-02	1.01E-05	3.11E-02	6.01E-03	1.88E-03	3.67E-11	9.74E-04	2.57E-06	1.78E-06	2.85E-05	1.77E-05	1.06E-04	1.68E-06	3.84E-05	5.24E-03	4.85E-04	6.25E-03
1059	SR_98	Sensitive Receptor	Commercial	Offsite	380.805	6366.748	1.96E-02	4.11E-02	5.64E-01	2.89E-02	1.06E-05	3.23E-02	6.28E-03	1.96E-03	3.83E-11	1.02E-03	2.68E-06	1.86E-06	2.98E-05	1.85E-05	1.11E-04	1.76E-06	4.02E-05	5.48E-03	5.07E-04	6.53E-03
1060	SR_99	Sensitive Receptor	Commercial	Offsite	380.847	6366.881	2.04E-02	4.28E-02	5.87E-01	3.02E-02	1.10E-05	3.49E-02	6.54E-03	2.04E-03	4.00E-11	1.06E-03	2.79E-06	1.94E-06	3.11E-05	1.93E-05	1.16E-04	1.83E-06	4.19E-05	5.71E-03	5.29E-04	6.81E-03
1061	SR_100	Sensitive Receptor	Commercial	Offsite	380.737	6366.834	2.23E-02	4.69E-02	6.44E-01	3.30E-02	1.21E-05	3.79E-02	7.18E-03	2.24E-03	4.38E-11	1.16E-03	3.06E-06	2.13E-06	3.41E-05	2.12E-05	1.27E-04	2.01E-06	4.59E-05	6.26E-03	5.80E-04	7.46E-03
1062	SR_101	Sensitive Receptor	Commercial	Offsite	380.618	6366.790	2.37E-02	4.97E-02	6.82E-01	3.47E-02	1.28E-05	3.98E-02	7.61E-03	2.37E-03	4.64E-11	1.23E-03	3.25E-06	2.26E-06	3.61E-05	2.24E-05	1.35E-04	2.13E-06	4.87E-05	6.64E-03	6.15E-04	7.91E-03
1063	SR_102	Sensitive Receptor	Commercial	Offsite	380.624	6366.748	2.22E-02	4.67E-02	6.41E-01	3.25E-02	1.20E-05	3.68E-02	7.14E-03	2.23E-03	4.36E-11	1.16E-03	3.05E-06	2.12E-06	3.39E-05	2.11E-05	1.26E-04	2.00E-06	4.57E-05	6.23E-03	5.77E-04	7.43E-03
1064	SR_103	Sensitive Receptor	Commercial	Offsite	380.642	6366.704	2.07E-02	4.34E-02	5.95E-01	3.01E-02	1.12E-05	3.37E-02	6.64E-03	2.07E-03	4.05E-11	1.08E-03	2.83E-06	1.97E-06	3.15E-05	1.96E-05	1.17E-04	1.86E-06	4.25E-05	5.79E-03	5.36E-04	6.90E-03
1065	SR_104	Sensitive Receptor	Commercial	Offsite	380.635	6366.669	1.97E-02	4.14E-02	5.68E-01	2.86E-02	1.07E-05	3.18E-02	6.33E-03	1.97E-03	3.86E-11	1.03E-03	2.70E-06	1.88E-06	3.00E-05	1.87E-05	1.12E-04	1.77E-06	4.05E-05	5.52E-03	5.11E-04	6.58E-03
1066	SR_105	Sensitive Receptor	Commercial	Offsite	380.576	6366.501	1.48E-02	3.10E-02	4.26E-01	2.13E-02	8.00E-06	2.30E-02	4.75E-03	1.48E-03	2.90E-11	7.69E-04	2.03E-06	1.41E-06	2.25E-05	1.40E-05	8.40E-05	1.33E-06	3.04E-05	4.14E-03	3.83E-04	4.94E-03
1067	SR_106	Sensitive Receptor	Commercial	Offsite	380.668	6366.523	1.55E-02	3.26E-02	4.48E-01	2.24E-02	8.41E-06	2.40E-02	4.99E-03	1.56E-03	3.05E-11	8.08E-04	2.13E-06	1.48E-06	2.37E-05	1.47E-05	8.83E-05	1.40E-06	3.19E-05	4.35E-03	4.03E-04	5.19E-03
1068	SR_107	Sensitive Receptor	Commercial	Offsite	380.642	6366.428	1.30E-02	2.74E-02	3.76E-01	1.87E-02	7.06E-06	1.98E-02	4.19E-03	1.31E-03	2.56E-11	6.79E-04	1.79E-06	1.24E-06	1.99E-05	1.24E-05	7.42E-05	1.17E-06	2.68E-05	3.66E-03	3.38E-04	4.36E-03
1069	SR_108	Sensitive Receptor	Commercial	Offsite	380.560	6366.439	1.28E-02	2.69E-02	3.70E-01	1.85E-02	6.95E-06	1.98E-02	4.12E-03	1.29E-03	2.52E-11	6.68E-04	1.76E-06	1.22E-06	1.96E-05	1.22E-05	7.30E-05	1.15E-06	2.64E-05	3.60E-03	3.33E-04	4.29E-03
1070	SR_109	Sensitive Receptor	Commercial	Offsite	380.796	6367.033	2.26E-02	4.75E-02	6.51E-01	3.36E-02	1.23E-05	4.06E-02	7.27E-03	2.27E-03	4.44E-11	1.18E-03	3.10E-06	2.15E-06	3.45E-05	2.14E-05	1.29E-04	2.03E-06	4.65E-05	6.34E-03	5.87E-04	7.56E-03
1071	SR_110	Sensitive Receptor	Commercial	Offsite	380.770	6367.163	2.26E-02	4.74E-02	6.49E-01	3.35E-02	1.22E-05	4.19E-02	7.25E-03	2.26E-03	4.43E-11	1.17E-03	3.10E-06	2.15E-06	3.44E-05	2.14E-05	1.28E-04	2.03E-06	4.64E-05	6.33E-03	5.86E-04	7.54E-03
1072	SR_111	Sensitive Receptor	Commercial	Offsite	380.920	6367.090	1.91E-02	4.00E-02	5.49E-01	2.84E-02	1.03E-05	3.43E-02	6.12E-03	1.91E-03	3.74E-11	9.92E-04	2.62E-06	1.82E-06	2.91E-05	1.81E-05	1.08E-04	1.71E-06	3.92E-05	5.35E-03	4.95E-04	6.37E-03
1073	SR_112	Sensitive Receptor	Commercial	Offsite	380.885	6367.194	1.87E-02	3.92E-02	5.38E-01	2.78E-02	1.01E-05	3.45E-02	6.00E-03	1.87E-03	3.66E-11	9.72E-04	2.56E-06	1.78E-06	2.85E-05	1.77E-05	1.06E-04	1.68E-06	3.84E-05	5.24E-03	4.85E-04	6.24E-03
1074	SR_113	Sensitive Receptor	Commercial	Offsite	381.015	6367.123	1.68E-02	3.53E-02	4.84E-01	2.51E-02	9.11E-06	3.02E-02	5.40E-03	1.69E-03	3.30E-11	8.75E-04	2.31E-06	1.60E-06	2.56E-05	1.59E-05	9.56E-05	1.51E-06	3.45E-05	4.71E-03	4.36E-04	5.62E-03
1075	SR_114	Sensitive Receptor	Commercial	Offsite	380.973	6367.265	1.55E-02	3.25E-02	4.46E-01	2.33E-02	8.40E-06	2.87E-02	4.98E-03	1.55E-03	3.04E-11	8.07E-04	2.13E-06	1.48E-06	2.36E-05	1.47E-05	8.81E-05	1.39E-06	3.18E-05	4.34E-03	4.02E-04	5.18E-03
1076	SR_115	Sensitive Receptor	Commercial	Offsite	381.116	6367.196	1.42E-02	2.97E-02	4.08E-01	2.12E-02	7.68E-06	2.55E-02	4.55E-03	1.42E-03	2.78E-11	7.37E-04	1.95E-06	1.35E-06	2.16E-05	1.34E-05	8.06E-05	1.27E-06	2.91E-05	3.97E-03	3.68E-04	4.73E-03
1077	SR_116	Sensitive Receptor	Commercial	Offsite	381.209	6367.223	1.26E-02	2.65E-02	3.64E-01	1.90E-02	6.84E-06	2.26E-02	4.05E-03	1.27E-03	2.48E-11	6.57E-04	1.73E-06	1.21E-06	1.92E-05	1.20E-05	7.18E-05	1.14E-06	2.59E-05	3.54E-03	3.28E-04	4.22E-03
1078	SR_117	Sensitive Receptor	Commercial	Offsite	381.167	6367.318	1.17E-02	2.46E-02	3.37E-01	1.77E-02	6.34E-06	2.14E-02	3.76E-03	1.17E-03	2.29E-11	6.09E-04	1.61E-06	1.12E-06	1.78E-05	1.11E-05	6.65E-05	1.05E-06	2.40E-05	3.28E-03	3.04E-04	3.91E-03
1079	SR_118	Sensitive Receptor	Commercial	Offsite	380.620	6366.876	2.60E-02	5.46E-02	7.49E-01	3.83E-02	1.41E-05	4.49E-02	8.35E-03	2.61E-03	5.10E-11	1.35E-03	3.57E-06	2.48E-06	3.96E-05	2.46E-05	1.48E-04	2.34E-06	5.34E-05	7.29E-03	6.75E-04	8.69E-03
1083	SR_122	Sensitive Receptor	Commercial	Offsite	379.254	6368.023	2.36E-02	4.96E-02	6.79E-01	3.94E-02	1.28E-05	6.08E-02	7.59E-03	2.37E-03	4.63E-11	1.23E-03	3.27E-06	2.30E-06	3.60E-05	2.24E-05	1.34E-04	2.13E-06	4.85E-05	6.62E-03	6.13E-04	7.89E-03
1084	SR_123	Sensitive Receptor	Commercial	Offsite	379.225	6367.914	2.47E-02	5.18E-02	7.08E-01	4.13E-02	1.34E-05	6.57E-02	7.92E-03	2.47E-03	4.84E-11	1.28E-03	3.41E-06	2.40E-06	3.76E-05	2.34E-05	1.40E-04	2.22E-06	5.06E-05	6.91E-03	6.40E-04	8.24E-03
1085	SR_124	Sensitive Receptor	Commercial	Offsite	379.225	6367.808	3.04E-02	6.38E-02	8.72E-01	5.01E-02	1.65E-05	8.22E-02	9.77E-03	3.05E-03	5.96E-11	1.58E-03	4.21E-06	2.97E-06	4.64E-05	2.89E-05	1.73E-04	2.74E-06	6.24E-05	8.52E-03	7.89E-04	1.02E-02
1086	SR_125	Sensitive Receptor	Commercial	Offsite	379.141	6367.824	2.33E-02	4.90E-02	6.70E-01	3.83E-02	1.27E-05	6.15E-02	7.50E-03	2.34E-03	4.58E-11	1.22E-03	3.23E-06	2.27E-06	3.56E-05	2.22E-05	1.33E-04	2.10E-06	4.79E-05	6.55E-03	6.06E-04	7.80E-03
1087	SR_126	Sensitive Receptor	Commercial	Offsite	379.183	6367.716	3.15E-02	6.62E-02	9.05E-01	5.03E-02	1.71E-05	8.34E-02	1.01E-02	3.16E-03	6.19E-11	1.64E-03	4.36E-06	3.08E-06	4.81E-05	3.00E-05	1.79E-04	2.84E-06	6.47E-05	8.84E-03	8.18E-04	1.05E-02
1088	SR_127	Sensitive Receptor	Commercial	Offsite	379.112	6367.722	2.43E-02	5.11E-02	6.98E-01	3.85E-02	1.32E-05	6.30E-02	7.82E-03	2.44E-03	4.77E-11	1.27E-03	3.36E-06	2.37E-06	3.71E-05	2.31E-05	1.38E-04	2.19E-06	4.99E-05	6.82E-03	6.31E-04	8.13E-03
1089	SR_128	Sensitive Receptor	Commercial	Offsite	379.165	6367.610	3.19E-02	6.69E-02	9.14E-01	4.92E-02	1.73E-05	8.23E-02	1.02E-02	3.19E-03	6.25E-11	1.66E-03	4.41E-06	3.11E-06	4.86E-05	3.03E-05	1.81E-04	2.87E-06	6.54E-05	8.93E-03	8.26E-04	1.06E-02
1090	SR_129	Sensitive Receptor	Commercial	Offsite	379.059	6367.632	2.16E-02	4.54E-02	6.21E-01	3.36E-02	1.18E-05	5.51E-02	6.95E-03	2.17E-03	4.24E-11	1.13E-03	2.99E-06	2.11E-06	3.30E-05	2.06E-05	1.23E-04	1.95E-06	4.44E-05	6.07E-03	5.61E-04	7.23E-03
1091	SR_130	Sensitive Receptor	Commercial	Offsite	379.161	6367.511	3.08E-02	6.47E-02	8.84E-01	4.73E-02	1.68E-05	7.82E-02	9.90E-03	3.09E-03	6.04E-11	1.61E-03	4.27E-06	3.01E-06	4.70E-05	2.93E-05	1.75E-04	2.78E-06	6.32E-05	8.64E-03	7.99E-04	1.03E-02
1092	SR_131	Sensitive Receptor	Commercial	Offsite	379.057	6367.535	2.13E-02	4.48E-02	6.12E-01	3.29E-02	1.16E-05	5.36E-02	6.85E-03	2.14E-03	4.18E-11	1.11E-03	2.95E-06	2.08E-06	3.25E-05	2.03E-05	1.21E-04	1.92E-06	4.37E-05	5.98E-03	5.53E-04	7.12E-03
1093	SR_132	Sensitive Receptor	Commercial	Offsite	379.163	6367.411	2.97E-02	6.24E-02	8.53E-01	4.54E-02	1.62E-05	7.26E-02	9.55E-03	2.98E-03	5.83E-11	1.55E-03	4.13E-06	2.93E-06	4.54E-05	2.83E-05	1.69E-04	2.68E-06	6.10E-05	8.34E-03	7.71E-04	9.94E-03
1094	SR_133	Sensitive Receptor	Commercial	Offsite	379.073	6367.431	2.20E-02	4.61E-02	6.31E-01	3.39E-02	1.20E-05	5.42E-02	7.06E-03	2.20E-03	4.31E-11	1.14E-03	3.04E-06	2.15E-06	3.35E-05	2.09E-05	1.25E-04	1.98E-06	4.51E-05	6.16E-03	5.70E-04	7.34E-03
1095	SR_134	Sensitive Receptor	Commercial	Offsite	379.148	6367.325	2.70E-02	5.68E-02	7.77E-01	4.10E-02	1.47E-05	6.36E-02	8.69E-03	2.71E-03	5.30E-11	1.41E-03	3.77E-06	2.69E-06	4.13E-05	2.58E-05	1.54E-04	2.44E-06	5.55E-05	7.58E-03	7.01E-04	9.04E-03
1096	SR_135	Sensitive Receptor	Commercial	Offsite	378.874	6366.985	1.14E-02	2.40E-02	3.29E-01	1.71E-02	6.23E-06	2.43E-02	3.67E-03	1.14E-03	2.24E-11	5.95E-04	1.59E-06	1.14E-06	1.74E-05	1.09E-05	6.49E-05	1.03E-06	2.34E-05	3.20E-03	2.96E-04	3.81E-03
1097	SR_136	Sensitive Receptor	Commercial	Offsite	378.923	6367.045	1.32E-02	2.77E-02	3.80E-01	1.98E-02	7.20E-06	2.86E-02	4.24E-03	1.32E-03	2.59E-11	6.88E-04	1.84E-06	1.32E-06	2.01E-05	1.26E-05	7.51E-05	1.19E-06	2.71E-05	3.70E-03	3.42E-04	4.41E-03
1098	SR_137	Sensitive Receptor	Commercial	Offsite	378.989	6367.113	1.58E-02	3.32E-02	4.54E-01	2.38E-02	8.61E-06	3.51E-02	5.07E-03	1.58E-03	3.10E-11	8.23E-04	2.20E-06	1.58E-06	2.41E-05	1.50E-05	8.98E-05	1.42E-06	3.24E-05	4.43E-03	4.09E-04	5.28E-03
1099	SR_138	Sensitive Receptor	Commercial	Offsite	379.062	6367.158	1.89E-02	3.97E-02	5.43E-01	2.87E-02	1.03E-05	4.32E-02	6.07E-03	1.89E-03	3.70E-11	9.84E-04	2.63E-06	1.89E-06	2.88E-05	1.80E-05	1.07E-04	1.70E-06	3.87E-05	5.29E-03	4.90E-04	6.31E-03
1100	SR_139	Sensitive Receptor	Commercial	Offsite	378.964	6367.301	1.64E-02	3.45E-02	4.72E-01	2.51E-02	8.95E-06	3.80E-02	5.28E-03	1.65E-03	3.22E-11	8.56E-04	2.28E-06	1.62E-06	2.51E-05	1.56E-05	9.34E-05	1.48E-06	3.37E-05	4.61E-03	4.26E-04	5.49E-03
1101	SR_140	Sensitive Receptor	Commercial	Offsite	378.923	6367.354	1.48E-02	3.10E-02	4.24E-01	2.28E-02	8.04E-06	3.51E-02	4.74E-03	1.48E-03	2.90E-11	7.69E-04	2.05E-06	1.45E-06	2.25E-05	1.40E-05	8.40E-05	1.33E-06	3.03E-05	4.14E-03	3.83E-04	4.93E-03
1102	SR_141	Sensitive Receptor	Commercial	Offsite	378.792	6367.458	1.18E-02	2.47E-02	3.38E-01	1.87E-02	6.39E-06	2.90E-02	3.78E-03	1.18E-03	2.31E-11	6.12E-04	1.63E-06	1.15E-06	1.79E-05	1.12E-05	6.68E-05	1.06E-06	2.41E-05	3.30E-03	3.05E-04	3.93E-03
1103	SR_142	Sensitive Receptor	Commercial	Offsite	378.733	6367.473	1.07E-02	2.25E-02	3.08E-01	1.72E-02	5.83E-06	2.66E-02	3.44E-03	1.07E-03	2.10E-11	5.58E-04	1.48E-06	1.05E-06	1.64E-05	1.02E-05	6.10E-05	9.66E-07	2.20E-05	3.01E-03	2.78E-04	3.58E-03
1104	SR_143	Sensitive Receptor	Commercial	Offsite	378.702	6367.482	1.02E-02	2.15E-02	2.94E-01	1.65E-02	5.56E-06	2.54E-02	3.29E-03	1.03E-03	2.01E-11	5.33E-04	1.41E-06	9.97E-07	1.56E-05	9.72E-06	5.82E-05	9.21E-07	2.10E-05	2.87E-03	2.65E-04	3.42E-03
1105	SR_144	Sensitive Receptor	Commercial	Offsite	378.653	6367.502	9.43E-03	1.98E-02	2.71E-01	1.52E-02	5.12E-06	2.32E-02	3.03E-03	9.45E-04	1.85E-11	4.91E-04	1.30E-06	9.18E-07	1.44E-05	8.96E-06	5.36E-05	8.49E-07	1.94E-05	2.64E-03	2.45E-04	3.15E-03
1106	SR_145	Sensitive Receptor	Commercial	Offsite	378.569	6367.541	8.17E-03	1.72E-02	2.35E-01	1.31E-02	4.44E-06	1.97E-02	2.63E-03	8.19E-04	1.60E-11	4.26E-04	1.13E-06	7.96E-07	1.25E-05	7.77E-06	4.65E-05	7.36E-07	1.68E-05	2.29E-03	2.12E-04	2.73E-03
1107	SR_146	Sensitive Receptor	Commercial	Offsite	378.477	6367.579	7.18E-03	1.51E-02	2.07E-01	1.15E-02	3.90E-06	1.72E-02	2.31E-03	7.20E-04	1.41E-11	3.74E-04	9.92E-07	6.98E-07	1.10E-05	6.82E-06	4.08E-05	6.47E-07	1.47E-05	2.01E-03	1.86E-04	2.40E-03
1108	SR_147	Sensitive Receptor	Commercial	Offsite	378.406	6367.608	6.55E-03	1.38E-02	1.89E-01	1.05E-02	3.56E-06	1.55E-02	2.10E-03	6.56E-04	1.28E-11	3.41E-04	9.05E-07	6.37E-07	9.99E-06	6.22E-06	3.72E-05	5.90E-07	1.34E-05	1.84E-03	1.70E-04	2.19E-03
1109	SR_148	Sensitive Receptor	Commercial	Offsite	378.336	6367.614	6.04E-03	1.27E-02	1.74E-01	9.75E-03	3.28E-06	1.42E-02	1.94E-03	6.05E-04	1.18E-11	3.14E-04	8.34E-07	5.87E-07	9.21E-06	5.73E-06	3.43E-05	5.43E-07	1.24E-05	1.69E-03	1.57E-04	2.02E-03
1110	SR_149	Sensitive Receptor	Commercial	Offsite	378.241	6367.632	5.44E-03	1.14E-02	1.57E-01	8.82E-03	2.96E-06	1.27E-02	1.75E-03	5.46E-04	1.07E-11	2.83E-04	7.52E-07	5.29E-07	8.30E-06	5.17E-06	3.09E-05	4.90E-07	1.12E-05	1.53E-03	1.41E-04	1.82E-03
1111	SR_150	Sensitive Receptor	Commercial	Offsite	378.627	6367.413	8.95E-03	1.88E-02	2.57E-01	1.42E-02	4.87E-06	2.15E-02	2.88E-03	8.97E-04	1.76E-11	4.66E-04	1.24E-06	8.73E-07	1.37E-05	8.50E-06	5.09E-05	8.06E-07	1.84E-05	2.51E-03	2.32E-04	2.99E-03
1112	SR_151	Sensitive Receptor	Commercial	Offsite	378.697	6367.402	9.95E-03	2.09E-02	2.86E-01	1.58E-02	5.41E-06	2.41E-02	3.20E-03	9.97E-04	1.95E-11	5.18E-04	1.38E-06	9.72E-07	1.52E-05	9.45E-06	5.66E-05	8.96E-07	2.04E-05	2.79E-03	2.58E-04	3.32E-03
1113	SR_152	Sensitive Receptor	Commercial	Offsite	378.761	6367.380	1.09E-02	2.30E-02	3.15E-01	1.72E-02	5.95E-06	2.64E-02	3.52E-03	1.10E-03	2.15E-11	5.70E-04	1.52E-06	1.07E-06	1.67E-05	1.04E-05	6.23E-05	9.86E-07	2.25E-05	3.07E-03	2.84E-04	3.66E-03
1114	SR_153	Sensitive Receptor	Commercial	Offsite	378.819	6367.354	1.21E-02	2.54E-02	3.47E-01	1.89E-02	6.57E-06	2.88E-02	3.88E-03	1.21E-03	2.37E-11	6.29E-04	1.67E-06	1.18E-06	1.84E-05	1.15E-05	6.87E-05	1.09E-06	2.48E-05	3.39E-03	3.13E-04	4.03E-03

AQIA DATA - SCENARIO 1 GRID MAX

Annual Average Pollutant Concentration (µg/m3) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2 (0)	NO2 (1)	CO (2)	PM10 (3)	Lead (4)	TSP (5)	HF (6)	Cyanide (7)	Dioxins & Furans (8)	PAH (9)	Antimony (10)	Arsenic (11)	Cadmium (12)	Chromium (13)	Manganese (14)	Mercury (15)	Nickel (16)	Acetone (17)	Benzene (18)	Toluene (19)
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.124**	**0.260**	**3.550**	**0.199**	**6.74E-05**	**0.358**	**0.040**	**0.012**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**0.035**	**0.003**	**0.041**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1115	SR_154	Sensitive Receptor	Commercial	Offsite	378.854	6367.312	1.29E-02	2.71E-02	3.71E-01	1.99E-02	7.02E-06	3.01E-02	4.14E-03	1.29E-03	2.53E-11	6.72E-04	1.79E-06	1.27E-06	1.97E-05	1.23E-05	7.33E-05	1.16E-06	2.65E-05	3.62E-03	3.35E-04	4.31E-03
1116	SR_155	Sensitive Receptor	Commercial	Offsite	377.826	6367.113	3.78E-03	7.95E-03	1.09E-01	6.12E-03	2.06E-06	8.09E-03	1.22E-03	3.79E-04	7.42E-12	1.97E-04	5.24E-07	3.71E-07	5.77E-06	3.60E-06	2.15E-05	3.41E-07	7.76E-06	1.06E-03	9.81E-05	1.26E-03
1117	SR_156	Sensitive Receptor	Commercial	Offsite	377.870	6367.171	3.92E-03	8.23E-03	1.13E-01	6.34E-03	2.13E-06	8.52E-03	1.26E-03	3.93E-04	7.69E-12	2.04E-04	5.43E-07	3.83E-07	5.98E-06	3.73E-06	2.23E-05	3.53E-07	8.04E-06	1.10E-03	1.02E-04	1.31E-03
1118	SR_157	Sensitive Receptor	Commercial	Offsite	377.916	6367.222	4.07E-03	8.54E-03	1.17E-01	6.56E-03	2.21E-06	8.91E-03	1.31E-03	4.08E-04	7.98E-12	2.12E-04	5.63E-07	3.97E-07	6.20E-06	3.87E-06	2.31E-05	3.66E-07	8.35E-06	1.14E-03	1.06E-04	1.36E-03
1119	SR_158	Sensitive Receptor	Commercial	Offsite	377.760	6367.376	3.64E-03	7.66E-03	1.05E-01	5.86E-03	1.98E-06	7.86E-03	1.17E-03	3.65E-04	7.15E-12	1.90E-04	5.04E-07	3.55E-07	5.56E-06	3.46E-06	2.07E-05	3.28E-07	7.48E-06	1.02E-03	9.46E-05	1.22E-03
1120	SR_159	Sensitive Receptor	Commercial	Offsite	377.921	6367.349	4.10E-03	8.62E-03	1.19E-01	6.58E-03	2.23E-06	9.01E-03	1.32E-03	4.12E-04	8.05E-12	2.14E-04	5.68E-07	4.00E-07	6.26E-06	3.90E-06	2.33E-05	3.70E-07	8.43E-06	1.15E-03	1.07E-04	1.37E-03
1121	SR_160	Sensitive Receptor	Commercial	Offsite	377.993	6367.305	4.35E-03	9.15E-03	1.26E-01	6.97E-03	2.37E-06	9.62E-03	1.40E-03	4.36E-04	8.54E-12	2.27E-04	6.02E-07	4.25E-07	6.64E-06	4.14E-06	2.48E-05	3.92E-07	8.94E-06	1.22E-03	1.13E-04	1.45E-03
1122	SR_161	Sensitive Receptor	Commercial	Offsite	378.073	6367.241	4.66E-03	9.79E-03	1.35E-01	7.46E-03	2.53E-06	1.03E-02	1.50E-03	4.67E-04	9.14E-12	2.43E-04	6.45E-07	4.56E-07	7.11E-06	4.43E-06	2.65E-05	4.20E-07	9.57E-06	1.31E-03	1.21E-04	1.56E-03
1123	SR_162	Sensitive Receptor	Commercial	Offsite	378.163	6367.162	5.09E-03	1.07E-02	1.47E-01	8.07E-03	2.77E-06	1.11E-02	1.64E-03	5.10E-04	9.98E-12	2.65E-04	7.06E-07	5.00E-07	7.76E-06	4.84E-06	2.89E-05	4.59E-07	1.04E-05	1.43E-03	1.32E-04	1.70E-03
1124	SR_163	Sensitive Receptor	Commercial	Offsite	378.088	6367.753	4.71E-03	9.89E-03	1.36E-01	7.73E-03	2.56E-06	1.08E-02	1.51E-03	4.72E-04	9.23E-12	2.45E-04	6.50E-07	4.57E-07	7.18E-06	4.47E-06	2.68E-05	4.24E-07	9.67E-06	1.32E-03	1.22E-04	1.57E-03
1125	SR_164	Sensitive Receptor	Commercial	Offsite	378.256	6367.720	5.56E-03	1.17E-02	1.60E-01	9.12E-03	3.02E-06	1.31E-02	1.79E-03	5.58E-04	1.09E-11	2.90E-04	7.68E-07	5.40E-07	8.49E-06	5.29E-06	3.16E-05	5.01E-07	1.14E-05	1.56E-03	1.44E-04	1.86E-03
1126	SR_165	Sensitive Receptor	Commercial	Offsite	378.876	6367.612	1.36E-02	2.85E-02	3.91E-01	2.13E-02	7.39E-06	3.38E-02	4.37E-03	1.36E-03	2.67E-11	7.08E-04	1.88E-06	1.32E-06	2.07E-05	1.29E-05	7.73E-05	1.22E-06	2.79E-05	3.81E-03	3.53E-04	4.54E-03
1127	SR_166	Sensitive Receptor	Commercial	Offsite	378.920	6367.705	1.47E-02	3.08E-02	4.21E-01	2.29E-02	7.97E-06	3.65E-02	4.71E-03	1.47E-03	2.87E-11	7.63E-04	2.03E-06	1.43E-06	2.24E-05	1.39E-05	8.34E-05	1.32E-06	3.01E-05	4.11E-03	3.80E-04	4.90E-03
1128	SR_167	Sensitive Receptor	Commercial	Offsite	378.964	6367.793	1.55E-02	3.26E-02	4.46E-01	2.47E-02	8.43E-06	3.90E-02	4.98E-03	1.56E-03	3.04E-11	8.08E-04	2.14E-06	1.51E-06	2.37E-05	1.47E-05	8.82E-05	1.40E-06	3.19E-05	4.35E-03	4.03E-04	5.18E-03
1129	SR_168	Sensitive Receptor	Commercial	Offsite	379.099	6367.879	1.94E-02	4.08E-02	5.58E-01	3.23E-02	1.06E-05	5.09E-02	6.24E-03	1.95E-03	3.81E-11	1.01E-03	2.69E-06	1.89E-06	2.96E-05	1.85E-05	1.11E-04	1.75E-06	3.99E-05	5.45E-03	5.04E-04	6.49E-03
1130	SR_169	Sensitive Receptor	Commercial	Offsite	379.002	6367.908	1.49E-02	3.14E-02	4.29E-01	2.46E-02	8.11E-06	3.80E-02	4.80E-03	1.50E-03	2.93E-11	7.78E-04	2.06E-06	1.45E-06	2.28E-05	1.42E-05	8.49E-05	1.34E-06	3.07E-05	4.19E-03	3.87E-04	4.99E-03
1131	SR_170	Sensitive Receptor	Commercial	Offsite	379.117	6368.012	1.62E-02	3.40E-02	4.66E-01	2.75E-02	8.81E-06	4.19E-02	5.21E-03	1.62E-03	3.18E-11	8.44E-04	2.24E-06	1.58E-06	2.47E-05	1.54E-05	9.22E-05	1.46E-06	3.33E-05	4.54E-03	4.20E-04	5.41E-03
1132	SR_171	Sensitive Receptor	Commercial	Offsite	378.717	6367.632	1.01E-02	2.13E-02	2.92E-01	1.62E-02	5.51E-06	2.51E-02	3.26E-03	1.02E-03	1.99E-11	5.29E-04	1.40E-06	9.87E-07	1.55E-05	9.64E-06	5.77E-05	9.14E-07	2.08E-05	2.85E-03	2.63E-04	3.39E-03
1133	SR_172	Sensitive Receptor	Commercial	Offsite	378.746	6367.705	1.06E-02	2.22E-02	3.04E-01	1.68E-02	5.74E-06	2.61E-02	3.39E-03	1.06E-03	2.07E-11	5.50E-04	1.46E-06	1.03E-06	1.61E-05	1.00E-05	6.01E-05	9.51E-07	2.17E-05	2.96E-03	2.74E-04	3.53E-03
1134	SR_173	Sensitive Receptor	Commercial	Offsite	378.578	6367.698	8.17E-03	1.72E-02	2.35E-01	1.32E-02	4.44E-06	2.00E-02	2.62E-03	8.19E-04	1.60E-11	4.25E-04	1.13E-06	7.94E-07	1.25E-05	7.76E-06	4.65E-05	7.36E-07	1.68E-05	2.29E-03	2.12E-04	2.73E-03
1135	SR_174	Sensitive Receptor	Commercial	Offsite	379.073	6368.261	1.20E-02	2.53E-02	3.47E-01	2.05E-02	6.54E-06	2.88E-02	3.87E-03	1.21E-03	2.36E-11	6.27E-04	1.66E-06	1.17E-06	1.84E-05	1.14E-05	6.84E-05	1.08E-06	2.47E-05	3.37E-03	3.12E-04	4.02E-03
1136	SR_175	Sensitive Receptor	Commercial	Offsite	379.024	6368.166	1.13E-02	2.38E-02	3.26E-01	1.94E-02	6.16E-06	2.79E-02	3.64E-03	1.14E-03	2.22E-11	5.90E-04	1.57E-06	1.10E-06	1.73E-05	1.08E-05	6.44E-05	1.02E-06	2.33E-05	3.18E-03	2.94E-04	3.79E-03
1137	SR_176	Sensitive Receptor	Commercial	Offsite	378.984	6368.287	9.67E-03	2.03E-02	2.79E-01	1.66E-02	5.25E-06	2.29E-02	3.11E-03	9.69E-04	1.90E-11	5.04E-04	1.34E-06	9.40E-07	1.47E-05	9.18E-06	5.50E-05	8.70E-07	1.98E-05	2.71E-03	2.51E-04	3.23E-03
1138	SR_177	Sensitive Receptor	Commercial	Offsite	378.925	6368.188	9.19E-03	1.93E-02	2.65E-01	1.58E-02	4.99E-06	2.24E-02	2.95E-03	9.21E-04	1.80E-11	4.79E-04	1.27E-06	8.93E-07	1.40E-05	8.73E-06	5.23E-05	8.28E-07	1.89E-05	2.58E-03	2.38E-04	3.07E-03
1139	SR_178	Sensitive Receptor	Commercial	Offsite	378.887	6368.292	8.02E-03	1.68E-02	2.31E-01	1.39E-02	4.36E-06	1.90E-02	2.58E-03	8.04E-04	1.57E-11	4.18E-04	1.11E-06	7.79E-07	1.22E-05	7.62E-06	4.56E-05	7.22E-07	1.65E-05	2.25E-03	2.08E-04	2.68E-03
1140	SR_179	Sensitive Receptor	Commercial	Offsite	378.775	6368.195	7.65E-03	1.61E-02	2.20E-01	1.32E-02	4.15E-06	1.85E-02	2.46E-03	7.67E-04	1.50E-11	3.98E-04	1.06E-06	7.42E-07	1.17E-05	7.26E-06	4.35E-05	6.89E-07	1.57E-05	2.14E-03	1.98E-04	2.56E-03
1141	SR_180	Sensitive Receptor	Commercial	Offsite	378.772	6368.296	6.94E-03	1.46E-02	2.00E-01	1.22E-02	3.77E-06	1.65E-02	2.23E-03	6.96E-04	1.36E-11	3.62E-04	9.59E-07	6.74E-07	1.06E-05	6.59E-06	3.95E-05	6.25E-07	1.43E-05	1.95E-03	1.80E-04	2.32E-03
1142	SR_181	Sensitive Receptor	Commercial	Offsite	378.772	6368.252	7.22E-03	1.52E-02	2.08E-01	1.26E-02	3.92E-06	1.73E-02	2.32E-03	7.23E-04	1.42E-11	3.76E-04	9.96E-07	7.00E-07	1.10E-05	6.85E-06	4.10E-05	6.50E-07	1.48E-05	2.02E-03	1.87E-04	2.41E-03
1143	SR_182	Sensitive Receptor	Commercial	Offsite	378.675	6368.349	6.08E-03	1.28E-02	1.76E-01	1.08E-02	3.30E-06	1.43E-02	1.95E-03	6.10E-04	1.19E-11	3.17E-04	8.39E-07	5.89E-07	9.28E-06	5.78E-06	3.46E-05	5.48E-07	1.25E-05	1.71E-03	1.58E-04	2.03E-03
1144	SR_183	Sensitive Receptor	Commercial	Offsite	378.609	6368.340	5.81E-03	1.22E-02	1.68E-01	1.03E-02	3.15E-06	1.37E-02	1.87E-03	5.82E-04	1.14E-11	3.03E-04	8.02E-07	5.63E-07	8.86E-06	5.52E-06	3.30E-05	5.23E-07	1.19E-05	1.63E-03	1.51E-04	1.94E-03
1145	SR_184	Sensitive Receptor	Commercial	Offsite	378.629	6368.223	6.58E-03	1.38E-02	1.90E-01	1.14E-02	3.58E-06	1.57E-02	2.12E-03	6.60E-04	1.29E-11	3.43E-04	9.09E-07	6.38E-07	1.00E-05	6.25E-06	3.74E-05	5.93E-07	1.35E-05	1.85E-03	1.71E-04	2.20E-03
1146	SR_185	Sensitive Receptor	Commercial	Offsite	378.536	6368.239	6.03E-03	1.27E-02	1.74E-01	1.05E-02	3.27E-06	1.42E-02	1.94E-03	6.04E-04	1.18E-11	3.14E-04	8.32E-07	5.84E-07	9.19E-06	5.72E-06	3.43E-05	5.43E-07	1.24E-05	1.69E-03	1.56E-04	2.01E-03
1147	SR_186	Sensitive Receptor	Commercial	Offsite	378.307	6368.270	4.91E-03	1.03E-02	1.42E-01	8.47E-03	2.67E-06	1.12E-02	1.58E-03	4.92E-04	9.63E-12	2.56E-04	6.77E-07	4.75E-07	7.49E-06	4.66E-06	2.79E-05	4.42E-07	1.01E-05	1.38E-03	1.27E-04	1.64E-03
1148	SR_187	Sensitive Receptor	Commercial	Offsite	378.355	6368.316	4.92E-03	1.03E-02	1.42E-01	8.61E-03	2.67E-06	1.13E-02	1.58E-03	4.94E-04	9.66E-12	2.56E-04	6.79E-07	4.77E-07	7.51E-06	4.68E-06	2.80E-05	4.43E-07	1.01E-05	1.38E-03	1.28E-04	1.65E-03
1149	SR_188	Sensitive Receptor	Commercial	Offsite	378.424	6368.373	4.95E-03	1.04E-02	1.43E-01	8.81E-03	2.69E-06	1.14E-02	1.59E-03	4.97E-04	9.72E-12	2.58E-04	6.83E-07	4.79E-07	7.56E-06	4.70E-06	2.82E-05	4.46E-07	1.02E-05	1.39E-03	1.29E-04	1.66E-03
1150	SR_189	Sensitive Receptor	Commercial	Offsite	378.503	6368.409	5.08E-03	1.07E-02	1.47E-01	9.11E-03	2.76E-06	1.18E-02	1.63E-03	5.09E-04	9.97E-12	2.65E-04	7.01E-07	4.92E-07	7.75E-06	4.82E-06	2.89E-05	4.57E-07	1.04E-05	1.42E-03	1.32E-04	1.70E-03
1151	SR_190	Sensitive Receptor	Commercial	Offsite	378.455	6368.515	4.52E-03	9.49E-03	1.31E-01	8.19E-03	2.45E-06	1.02E-02	1.45E-03	4.53E-04	8.86E-12	2.35E-04	6.23E-07	4.37E-07	6.89E-06	4.29E-06	2.57E-05	4.06E-07	9.27E-06	1.27E-03	1.17E-04	1.51E-03
1152	SR_191	Sensitive Receptor	Commercial	Offsite	378.411	6368.488	4.48E-03	9.41E-03	1.30E-01	8.11E-03	2.43E-06	1.02E-02	1.44E-03	4.49E-04	8.78E-12	2.33E-04	6.18E-07	4.33E-07	6.83E-06	4.25E-06	2.55E-05	4.03E-07	9.20E-06	1.26E-03	1.16E-04	1.50E-03
1153	SR_192	Sensitive Receptor	Commercial	Offsite	378.336	6368.437	4.47E-03	9.39E-03	1.29E-01	8.03E-03	2.43E-06	1.02E-02	1.44E-03	4.48E-04	8.77E-12	2.33E-04	6.16E-07	4.32E-07	6.82E-06	4.24E-06	2.54E-05	4.02E-07	9.18E-06	1.25E-03	1.16E-04	1.49E-03
1154	SR_193	Sensitive Receptor	Commercial	Offsite	378.219	6368.373	4.37E-03	9.19E-03	1.27E-01	7.71E-03	2.38E-06	9.84E-03	1.41E-03	4.39E-04	8.58E-12	2.28E-04	6.03E-07	4.23E-07	6.67E-06	4.15E-06	2.49E-05	3.94E-07	8.98E-06	1.23E-03	1.14E-04	1.46E-03
1155	SR_194	Sensitive Receptor	Commercial	Offsite	378.203	6368.530	3.86E-03	8.11E-03	1.12E-01	7.01E-03	2.10E-06	8.59E-03	1.24E-03	3.87E-04	7.57E-12	2.01E-04	5.32E-07	3.73E-07	5.89E-06	3.67E-06	2.20E-05	3.48E-07	7.93E-06	1.08E-03	1.00E-04	1.29E-03
1156	SR_195	Sensitive Receptor	Commercial	Offsite	378.276	6368.579	3.86E-03	8.11E-03	1.12E-01	7.06E-03	2.10E-06	8.58E-03	1.24E-03	3.87E-04	7.57E-12	2.01E-04	5.32E-07	3.73E-07	5.89E-06	3.66E-06	2.20E-05	3.47E-07	7.93E-06	1.08E-03	1.00E-04	1.29E-03
1157	SR_196	Sensitive Receptor	Commercial	Offsite	376.753	6367.464	2.15E-03	4.52E-03	6.25E-02	3.62E-03	1.17E-06	4.27E-03	6.90E-04	2.15E-04	4.22E-12	1.12E-04	2.97E-07	2.09E-07	3.28E-06	2.04E-06	1.22E-05	1.94E-07	4.41E-06	6.03E-04	5.58E-05	7.18E-04
1158	SR_197	Sensitive Receptor	Commercial	Offsite	376.674	6367.477	2.08E-03	4.37E-03	6.04E-02	3.52E-03	1.13E-06	4.11E-03	6.68E-04	2.08E-04	4.08E-12	1.08E-04	2.87E-07	2.02E-07	3.17E-06	1.97E-06	1.18E-05	1.87E-07	4.27E-06	5.83E-04	5.39E-05	6.95E-04
1159	SR_198	Sensitive Receptor	Commercial	Offsite	376.639	6367.566	2.00E-03	4.21E-03	5.83E-02	3.39E-03	1.09E-06	3.93E-03	6.44E-04	2.01E-04	3.93E-12	1.04E-04	2.77E-07	1.95E-07	3.06E-06	1.90E-06	1.14E-05	1.81E-07	4.12E-06	5.62E-04	5.20E-05	6.70E-04
1160	SR_199	Sensitive Receptor	Commercial	Offsite	376.608	6367.650	1.94E-03	4.09E-03	5.66E-02	3.30E-03	1.06E-06	3.79E-03	6.24E-04	1.95E-04	3.81E-12	1.01E-04	2.68E-07	1.89E-07	2.96E-06	1.85E-06	1.11E-05	1.75E-07	3.99E-06	5.45E-04	5.04E-05	6.49E-04
1161	SR_200	Sensitive Receptor	Commercial	Offsite	376.614	6367.754	1.93E-03	4.06E-03	5.62E-02	3.29E-03	1.05E-06	3.76E-03	6.20E-04	1.93E-04	3.79E-12	1.01E-04	2.66E-07	1.87E-07	2.94E-06	1.83E-06	1.10E-05	1.74E-07	3.96E-06	5.41E-04	5.01E-05	6.45E-04
1162	SR_201	Sensitive Receptor	Commercial	Offsite	376.877	6367.338	2.28E-03	4.79E-03	6.61E-02	3.80E-03	1.24E-06	4.57E-03	7.32E-04	2.28E-04	4.47E-12	1.19E-04	3.15E-07	2.22E-07	3.47E-06	2.16E-06	1.30E-05	2.05E-07	4.68E-06	6.39E-04	5.91E-05	7.61E-04
1163	SR_202	Sensitive Receptor	Commercial	Offsite	376.985	6367.308	2.39E-03	5.02E-03	6.93E-02	3.96E-03	1.30E-06	4.83E-03	7.68E-04	2.39E-04	4.69E-12	1.24E-04	3.30E-07	2.33E-07	3.64E-06	2.27E-06	1.36E-05	2.15E-07	4.90E-06	6.70E-04	6.20E-05	7.98E-04
1164	SR_203	Sensitive Receptor	Commercial	Offsite	376.866	6367.131	2.23E-03	4.68E-03	6.47E-02	3.76E-03	1.21E-06	4.51E-03	7.16E-04	2.23E-04	4.37E-12	1.16E-04	3.08E-07	2.17E-07	3.40E-06	2.12E-06	1.27E-05	2.01E-07	4.57E-06	6.25E-04	5.78E-05	7.45E-04
1165	SR_204	Sensitive Receptor	Commercial	Offsite	376.963	6367.160	2.34E-03	4.92E-03	6.79E-02	3.93E-03	1.27E-06	4.77E-03	7.52E-04	2.35E-04	4.59E-12	1.22E-04	3.24E-07	2.28E-07	3.57E-06	2.22E-06	1.33E-05	2.11E-07	4.80E-06	6.56E-04	6.07E-05	7.82E-04
1166	SR_205	Sensitive Receptor	Commercial	Offsite	376.965	6367.091	2.31E-03	4.87E-03	6.73E-02	3.90E-03	1.26E-06	4.73E-03	7.44E-04	2.32E-04	4.54E-12	1.21E-04	3.20E-07	2.26E-07	3.53E-06	2.20E-06	1.32E-05	2.09E-07	4.75E-06	6.49E-04	6.01E-05	7.74E-04
1167	SR_206	Sensitive Receptor	Commercial	Offsite	377.078	6367.131	2.48E-03	5.21E-03	7.19E-02	4.16E-03	1.35E-06	5.12E-03	7.96E-04	2.48E-04	4.86E-12	1.29E-04	3.43E-07	2.42E-07	3.78E-06	2.36E-06	1.41E-05	2.23E-07	5.09E-06	6.95E-04	6.43E-05	8.28E-04
1168	SR_207	Sensitive Receptor	Commercial	Offsite	377.128	6367.228	2.54E-03	5.34E-03	7.38E-02	4.20E-03	1.38E-06	5.21E-03	8.17E-04	2.55E-04	4.99E-12	1.32E-04	3.52E-07	2.48E-07	3.88E-06	2.42E-06	1.45E-05	2.29E-07	5.22E-06	7.13E-04	6.60E-05	8.50E-04
1169	SR_208	Sensitive Receptor	Commercial	Offsite	377.223	6367.138	2.65E-03	5.58E-03	7.69E-02	4.40E-03	1.44E-06	5.50E-03	8.52E-04	2.66E-04	5.20E-12	1.38E-04	3.67E-07	2.59E-07	4.05E-06	2.52E-06	1.51E-05	2.39E-07	5.45E-06	7.44E-04	6.88E-05	8.87E-04
1170	SR_209	Sensitive Receptor	Commercial	Offsite	377.318	6367.118	2.77E-03	5.83E-03	8.04E-02	4.57E-03	1.51E-06	5.77E-03	8.91E-04	2.78E-04	5.44E-12	1.44E-04	3.84E-07	2.71E-07	4.23E-06	2.64E-06	1.58E-05	2.50E-07	5.69E-06	7.78E-04	7.20E-05	9.27E-04
1171	SR_210	Sensitive Receptor	Commercial	Offsite	377.358	6367.001	2.79E-03	5.87E-03	8.09E-02	4.58E-03	1.52E-06	5.71E-03	8.97E-04	2.80E-04	5.48E-12	1.45E-04	3.87E-07	2.74E-07	4.26E-06	2.65E-06	1.59E-05	2.52E-07	5.73E-06	7.83E-04	7.24E-05	9.33E-04
1172	SR_211	Sensitive Receptor	Commercial	Offsite	377.376	6366.884	2.86E-03	6.03E-03	8.32E-02	4.68E-03	1.56E-06	5.69E-03	9.21E-04	2.87E-04	5.62E-12	1.49E-04	3.98E-07	2.82E-07	4.38E-06	2.73E-06	1.63E-05	2.58E-07	5.88E-06	8.04E-04	7.44E-05	9.58E-04
1173	SR_212	Sensitive Receptor	Commercial	Offsite	377.407	6366.782	3.06E-03	6.45E-03	8.89E-02	4.94E-03	1.67E-06	5.88E-03	9.85E-04	3.07E-04	6.02E-12	1.60E-04	4.26E-07	3.04E-07	4.68E-06	2.92E-06	1.74E-05	2.76E-07	6.29E-06	8.60E-04	7.96E-05	1.02E-03
1174	SR_213	Sensitive Receptor	Commercial	Offsite	377.287	6366.835	2.72E-03	5.72E-03	7.90E-02	4.46E-03	1.48E-06	5.33E-03	8.75E-04	2.73E-04	5.34E-12	1.42E-04	3.78E-07	2.68E-07	4.15E-06	2.59E-06	1.55E-05	2.45E-07	5.59E-06	7.63E-04	7.06E-05	9.10E-04
1175	SR_214	Sensitive Receptor	Commercial	Offsite	377.256	6366.904	2.64E-03	5.55E-03	7.66E-02	4.36E-03	1.44E-06	5.28E-03	8.48E-04	2.65E-04	5.18E-12	1.38E-04	3.66E-07	2.59E-07	4.03E-06	2.51E-06	1.50E-05	2.38E-07	5.42E-06	7.40E-04	6.85E-05	8.82E-04
1176	SR_215	Sensitive Receptor	Commercial	Offsite	377.234	6366.996	2.61E-03	5.48E-03	7.56E-02	4.33E-03	1.42E-06	5.33E-03	8.38E-04	2.61E-04	5.11E-12	1.36E-04	3.61E-07	2.55E-07	3.98E-06	2.48E-06	1.48E-05	2.35E-07	5.35E-06	7.31E-04	6.77E-05	8.71E-04
1177	SR_216	Sensitive Receptor	Commercial	Offsite	377.144	6366.981	2.48E-03	5.21E-03	7.20E-02	4.15E-03	1.35E-06	5.05E-03	7.97E-04	2.49E-04	4.87E-12	1.29E-04	3.44E-07	2.43E-07	3.78E-06	2.36E-06	1.41E-05	2.23E-07	5.09E-06	6.96E-04	6.44E-05	8.29E-04
1178	SR_217	Sensitive Receptor	Commercial	Offsite	377.067	6366.981	2.38E-03	5.01E-03	6.92E-02	4.00E-03	1.30E-06	4.84E-03	7.66E-04	2.39E-04	4.67E-12	1.24E-04	3.30E-07	2.33E-07	3.64E-06	2.27E-06	1.36E-05	2.15E-07	4.89E-06	6.68E-04	6.18E-05	7.96E-04
1179	SR_218	Sensitive Receptor	Commercial	Offsite	377.069	6366.882	2.36E-03	4.97E-03	6.86E-02	3.95E-03	1.29E-06	4.69E-03	7.59E-04	2.37E-04	4.64E-12	1.23E-04	3.28E-07	2.32E-07	3.61E-06	2.25E-06	1.34E-05	2.13E-07	4.85E-06	6.63E-04	6.13E-05	7.90E-04
1180	SR_219	Sensitive Receptor	Commercial	Offsite	377.137	6366.767	2.49E-03	5.25E-03	7.25E-02	4.10E-03	1.36E-06	4.78E-03	8.02E-04	2.50E-04	4.90E-12	1.30E-04	3.47E-07	2.46E-07	3.81E-06	2.38E-06	1.42E-05	2.25E-07	5.12E-06	7.00E-04	6.47E-05	8.34E-04
1181	SR_220	Sensitive Receptor	Commercial	Offsite	377.042	6366.734	2.37E-03	4.99E-03	6.90E-02	3.92E-03	1.29E-06	4.50E-03	7.63E-04	2.38E-04	4.66E-12	1.24E-04	3.30E-07	2.34E-07	3.62E-06	2.26E-06	1.35E-05	2.14E-07	4.87E-06	6.66E-04	6.16E-05	7.93E-04
1182	SR_221	Sensitive Receptor	Commercial	Offsite	376.987	6366.895	2.25E-03	4.74E-03	6.55E-02	3.78E-03	1.23E-06	4.46E-03	7.25E-04	2.26E-04	4.42E-12	1.17E-04	3.13E-07	2.21E-07	3.44E-06	2.14E-06	1.28E-05	2.03E-07	4.63E-06	6.32E-04	5.85E-05	7.54E-04
1183	SR_222	Sensitive Receptor	Commercial	Offsite	376.945	6367.001	2.24E-03	4.71E-03	6.51E-02	3.77E-03	1.22E-06	4.51E-03	7.20E-04	2.25E-04	4.40E-12	1.17E-04	3.10E-07	2.19E-07	3.42E-06	2.13E-06	1.27E-05	2.02E-07	4.60E-06	6.28E-04	5.81E-05	7.49E-04
1184	SR_223	Sensitive Receptor	Commercial	Offsite	377.095	6366.597	2.63E-03	5.53E-03	7.65E-02	4.26E-03	1.43E-06	4.78E-03	8.46E-04	2.64E-04	5.16E-12	1.37E-04	3.66E-07	2.61E-07	4.02E-06	2.51E-06	1.50E-05	2.37E-07	5.40E-06	7.38E-04	6.83E-05	8.80E-04
1185	SR_224	Sensitive Receptor	Commercial	Offsite	377.243	6366.628	2.89E-03	6.08E-03	8.39E-02	4.63E-03	1.58E-06	5.27E-03	9.29E-04	2.90E-04	5.67E-12	1.51E-04	4.03E-07	2.87E-07	4.41E-06	2.75E-06	1.64E-05	2.61E-07	5.93E-06	8.11E-04	7.50E-05	9.66E-04
1186	SR_225	Sensitive Receptor	Commercial	Offsite	377.131	6366.425	2.94E-03	6.19E-03	8.55E-02	4.67E-03	1.61E-06	5.06E-03	9.46E-04	2.95E-04	5.77E-12	1.53E-04	4.11E-07	2.94E-07	4.49E-06	2.81E-06	1.67E-05	2.66E-07	6.04E-06	8.26E-04	7.64E-05	9.84E-04
1187	SR_226	Sensitive Receptor	Commercial	Offsite	377.248	6366.469	3.17E-03	6.68E-03	9.23E-02	5.03E-03	1.73E-06	5.53E-03	1.02E-03	3.19E-04	6.23E-12	1.66E-04	4.43E-07	3.17E-07	4.85E-06	3.03E-06	1.81E-05	2.87E-07	6.52E-06	8.91E-04	8.24E-05	1.06E-03
1188	SR_227	Sensitive Receptor	Commercial	Offsite	377.219	6366.182	3.20E-03	6.75E-03	9.33E-02	4.98E-03	1.75E-06	5.18E-03	1.03E-03	3.22E-04	6.30E-12	1.67E-04	4.49E-07	3.22E-07	4.90E-06	3.06E-06	1.83E-05	2.90E-07	6.59E-06	9.01E-04	8.33E-05	1.07E-03
1189	SR_228	Sensitive Receptor	Commercial	Offsite	377.285	6366.206	3.32E-03	7.00E-03	9.67E-02	5.15E-03	1.82E-06	5.41E-03	1.07E-03	3.34E-04	6.53E-12	1.74E-04	4.65E-07	3.34E-07	5.08E-06	3.18E-06	1.89E-05	3.00E-07	6.83E-06	9.34E-04	8.64E-05	1.11E-03
1190	SR_229	Sensitive Receptor	Commercial	Offsite	377.179	6366.281	3.13E-03	6.59E-03	9.10E-02	4.90E-03	1.71E-06	5.15E-03	1.01E-03	3.14E-04	6.15E-12	1.63E-04	4.38E-07	3.14E-07	4.78E-06	2.99E-06	1.78E-05	2.83E-07	6.43E-06	8.79E-04	8.13E-05	1.05E-03
1191	SR_230	Sensitive Receptor	Commercial	Offsite	377.281	6366.326	3.30E-03	6.96E-03	9.61E-02	5.15E-03	1.81E-06	5.49E-03	1.06E-03	3.32E-04	6.49E-12	1.73E-04	4.62E-07	3.32E-07	5.05E-06	3.16E-06	1.88E-05	2.99E-07	6.79E-06	9.29E-04	8.59E-05	1.11E-03
1192	SR_231	Sensitive Receptor	Commercial	Offsite	377.760	6364.849	1.28E-03	2.69E-03	3.76E-02	2.05E-03	6.99E-07	1.92E-03	4.11E-04	1.28E-04	2.51E-12	6.68E-05	1.79E-07	1.29E-07	1.95E-06	1.22E-06	7.28E-06	1.16E-07	2.62E-06	3.59E-04	3.32E-05	4.28E-04
1193	SR_232	Sensitive Receptor	Commercial	Offsite	377.693	6364.940	1.40E-03	2.95E-03	4.11E-02	2.24E-03	7.66E-07	2.13E-03	4.51E-04	1.41E-04	2.75E-12	7.31E-05	1.96E-07	1.42E-07	2.14E-06	1.34E-06	7.98E-06	1.27E-07	2.88E-06	3.93E-04	3.64E-05	4.69E-04
1194	SR_233	Sensitive Receptor	Commercial	Offsite	378.963	6368.005	1.21E-02	2.54E-02	3.48E-01	2.03E-02	6.58E-06	3.05E-02	3.89E-03	1.21E-03	2.38E-11	6.31E-04	1.67E-06	1.18E-06	1.85E-05	1.15E-05	6.89E-05	1.09E-06	2.49E-05	3.40E-03	3.14E-04	4.05E-03
1195	SR_234	Sensitive Receptor	Commercial	Offsite	378.908	6368.061	1.03E-02	2.16E-02	2.96E-01	1.74E-02	5.59E-06	2.55E-02	3.31E-03	1.03E-03	2.02E-11	5.36E-04	1.42E-06	1.00E-06	1.57E-05	9.78E-06	5.85E-05	9.27E-07	2.11E-05	2.89E-03	2.67E-04	3.44E-03
1196	SR_235	Sensitive Receptor	Commercial	Offsite	378.876	6368.011	1.05E-02	2.21E-02	3.03E-01	1.76E-02	5.72E-06	2.60E-02	3.38E-03	1.06E-03	2.06E-11	5.48E-04	1.45E-06	1.02E-06	1.61E-05	1.00E-05	5.99E-05	9.48E-07	2.16E-05	2.95E-03	2.73E-04	3.52E-03
1197	SR_236	Sensitive Receptor	Commercial	Offsite	378.827	6368.073	9.24E-03	1.94E-02	2.66E-01	1.56E-02	5.02E-06	2.27E-02	2.97E-03	9.26E-04	1.81E-11	4.81E-04	1.28E-06	8.97E-07	1.41E-05	8.77E-06	5.25E-05	8.32E-07	1.90E-05	2.59E-03	2.40E-04	3.09E-03

AQIA DATA - SCENARIO 1 GRID MAX

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (μg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.124**	**0.260**	**3.550**	**0.199**	**6.74E-05**	**0.358**	**0.040**	**0.012**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**0.035**	**0.003**	**0.041**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1198	SR_237	Sensitive Receptor	Commercial	Offsite	378.885	6367.927	1.16E-02	2.44E-02	3.35E-01	1.90E-02	6.32E-06	2.87E-02	3.74E-03	1.17E-03	2.28E-11	6.06E-04	1.61E-06	1.13E-06	1.77E-05	1.11E-05	6.62E-05	1.05E-06	2.39E-05	3.26E-03	3.02E-04	3.89E-03
1199	SR_238	Sensitive Receptor	Commercial	Offsite	378.806	6367.885	1.06E-02	2.23E-02	3.05E-01	1.71E-02	5.77E-06	2.59E-02	3.41E-03	1.06E-03	2.08E-11	5.53E-04	1.47E-06	1.03E-06	1.62E-05	1.01E-05	6.04E-05	9.56E-07	2.18E-05	2.98E-03	2.75E-04	3.55E-03
1200	SR_239	Sensitive Receptor	Commercial	Offsite	378.751	6367.935	9.40E-03	1.97E-02	2.70E-01	1.53E-02	5.11E-06	2.27E-02	3.02E-03	9.42E-04	1.84E-11	4.90E-04	1.30E-06	9.13E-07	1.43E-05	8.93E-06	5.35E-05	8.46E-07	1.93E-05	2.64E-03	2.44E-04	3.14E-03
1201	SR_240	Sensitive Receptor	Commercial	Offsite	378.717	6367.969	8.81E-03	1.85E-02	2.54E-01	1.44E-02	4.79E-06	2.12E-02	2.83E-03	8.84E-04	1.73E-11	4.59E-04	1.22E-06	8.56E-07	1.34E-05	8.37E-06	5.01E-05	7.93E-07	1.81E-05	2.47E-03	2.29E-04	2.94E-03
1202	SR_241	Sensitive Receptor	Commercial	Offsite	378.680	6368.002	8.30E-03	1.74E-02	2.39E-01	1.37E-02	4.51E-06	1.99E-02	2.67E-03	8.32E-04	1.63E-11	4.32E-04	1.15E-06	8.05E-07	1.27E-05	7.88E-06	4.72E-05	7.47E-07	1.70E-05	2.33E-03	2.15E-04	2.77E-03
1203	SR_242	Sensitive Receptor	Commercial	Offsite	378.651	6368.026	7.92E-03	1.66E-02	2.28E-01	1.32E-02	4.30E-06	1.90E-02	2.55E-03	7.94E-04	1.55E-11	4.13E-04	1.09E-06	7.69E-07	1.21E-05	7.53E-06	4.51E-05	7.13E-07	1.63E-05	2.22E-03	2.06E-04	2.65E-03
1204	SR_243	Sensitive Receptor	Commercial	Offsite	378.609	6368.052	7.42E-03	1.56E-02	2.14E-01	1.24E-02	4.03E-06	1.77E-02	2.39E-03	7.44E-04	1.46E-11	3.87E-04	1.03E-06	7.20E-07	1.13E-05	7.05E-06	4.22E-05	6.68E-07	1.52E-05	2.08E-03	1.93E-04	2.48E-03
1205	SR_244	Sensitive Receptor	Commercial	Offsite	378.562	6368.079	6.90E-03	1.45E-02	1.99E-01	1.15E-02	3.75E-06	1.63E-02	2.22E-03	6.91E-04	1.35E-11	3.59E-04	9.52E-07	6.69E-07	1.05E-05	6.55E-06	3.92E-05	6.21E-07	1.42E-05	1.93E-03	1.79E-04	2.30E-03
1206	SR_245	Sensitive Receptor	Commercial	Offsite	378.522	6368.107	6.48E-03	1.36E-02	1.87E-01	1.09E-02	3.52E-06	1.52E-02	2.08E-03	6.50E-04	1.27E-11	3.38E-04	8.95E-07	6.29E-07	9.89E-06	6.16E-06	3.69E-05	5.84E-07	1.33E-05	1.82E-03	1.68E-04	2.17E-03
1207	SR_246	Sensitive Receptor	Commercial	Offsite	378.485	6368.131	6.18E-03	1.30E-02	1.78E-01	1.04E-02	3.36E-06	1.44E-02	1.99E-03	6.20E-04	1.21E-11	3.22E-04	8.53E-07	5.99E-07	9.43E-06	5.87E-06	3.52E-05	5.57E-07	1.27E-05	1.73E-03	1.60E-04	2.07E-03
1208	SR_247	Sensitive Receptor	Commercial	Offsite	378.426	6368.163	5.78E-03	1.21E-02	1.67E-01	9.80E-03	3.14E-06	1.34E-02	1.86E-03	5.79E-04	1.13E-11	3.01E-04	7.97E-07	5.60E-07	8.81E-06	5.49E-06	3.29E-05	5.20E-07	1.19E-05	1.62E-03	1.50E-04	1.93E-03
1209	SR_248	Sensitive Receptor	Commercial	Offsite	378.706	6367.825	9.32E-03	1.96E-02	2.68E-01	1.48E-02	5.06E-06	2.25E-02	2.99E-03	9.34E-04	1.83E-11	4.85E-04	1.29E-06	9.06E-07	1.42E-05	8.85E-06	5.30E-05	8.39E-07	1.91E-05	2.61E-03	2.42E-04	3.11E-03
1210	SR_249	Sensitive Receptor	Commercial	Offsite	378.648	6367.866	8.43E-03	1.77E-02	2.43E-01	1.35E-02	4.58E-06	2.02E-02	2.71E-03	8.45E-04	1.65E-11	4.39E-04	1.16E-06	8.19E-07	1.29E-05	8.00E-06	4.79E-05	7.59E-07	1.73E-05	2.36E-03	2.19E-04	2.82E-03
1211	SR_250	Sensitive Receptor	Commercial	Offsite	378.609	6367.896	7.96E-03	1.67E-02	2.29E-01	1.28E-02	4.32E-06	1.90E-02	2.56E-03	7.98E-04	1.56E-11	4.14E-04	1.10E-06	7.72E-07	1.21E-05	7.56E-06	4.52E-05	7.16E-07	1.63E-05	2.23E-03	2.06E-04	2.66E-03
1212	SR_251	Sensitive Receptor	Commercial	Offsite	378.585	6367.921	7.64E-03	1.60E-02	2.20E-01	1.24E-02	4.15E-06	1.82E-02	2.45E-03	7.66E-04	1.50E-11	3.98E-04	1.05E-06	7.41E-07	1.16E-05	7.25E-06	4.34E-05	6.88E-07	1.57E-05	2.14E-03	1.98E-04	2.55E-03
1213	SR_252	Sensitive Receptor	Commercial	Offsite	378.554	6367.945	7.31E-03	1.53E-02	2.10E-01	1.19E-02	3.97E-06	1.73E-02	2.35E-03	7.33E-04	1.43E-11	3.81E-04	1.01E-06	7.09E-07	1.11E-05	6.94E-06	4.16E-05	6.58E-07	1.50E-05	2.05E-03	1.90E-04	2.44E-03
1214	SR_253	Sensitive Receptor	Commercial	Offsite	378.502	6367.981	6.79E-03	1.43E-02	1.96E-01	1.11E-02	3.69E-06	1.60E-02	2.18E-03	6.81E-04	1.33E-11	3.54E-04	9.38E-07	6.59E-07	1.04E-05	6.45E-06	3.86E-05	6.12E-07	1.39E-05	1.90E-03	1.76E-04	2.27E-03
1215	SR_254	Sensitive Receptor	Commercial	Offsite	378.422	6367.937	6.31E-03	1.33E-02	1.82E-01	1.03E-02	3.43E-06	1.48E-02	2.03E-03	6.33E-04	1.24E-11	3.29E-04	8.71E-07	6.12E-07	9.62E-06	5.99E-06	3.59E-05	5.68E-07	1.30E-05	1.77E-03	1.64E-04	2.11E-03
1216	SR_255	Sensitive Receptor	Commercial	Offsite	378.460	6367.909	6.64E-03	1.39E-02	1.91E-01	1.08E-02	3.61E-06	1.57E-02	2.13E-03	6.66E-04	1.30E-11	3.46E-04	9.17E-07	6.44E-07	1.01E-05	6.31E-06	3.78E-05	5.98E-07	1.36E-05	1.86E-03	1.72E-04	2.22E-03
1217	SR_256	Sensitive Receptor	Commercial	Offsite	378.501	6367.879	6.99E-03	1.47E-02	2.01E-01	1.13E-02	3.80E-06	1.66E-02	2.25E-03	7.01E-04	1.37E-11	3.64E-04	9.66E-07	6.79E-07	1.07E-05	6.64E-06	3.98E-05	6.30E-07	1.44E-05	1.96E-03	1.81E-04	2.34E-03
1218	SR_257	Sensitive Receptor	Commercial	Offsite	378.536	6367.846	7.39E-03	1.55E-02	2.13E-01	1.19E-02	4.02E-06	1.77E-02	2.38E-03	7.41E-04	1.45E-11	3.85E-04	1.02E-06	7.18E-07	1.13E-05	7.02E-06	4.20E-05	6.66E-07	1.52E-05	2.07E-03	1.92E-04	2.47E-03
1219	SR_258	Sensitive Receptor	Commercial	Offsite	378.569	6367.806	7.82E-03	1.64E-02	2.25E-01	1.26E-02	4.25E-06	1.89E-02	2.51E-03	7.84E-04	1.53E-11	4.08E-04	1.08E-06	7.60E-07	1.19E-05	7.43E-06	4.45E-05	7.05E-07	1.61E-05	2.19E-03	2.03E-04	2.61E-03
1220	SR_259	Sensitive Receptor	Commercial	Offsite	378.637	6367.804	8.57E-03	1.80E-02	2.47E-01	1.37E-02	4.66E-06	2.07E-02	2.75E-03	8.59E-04	1.68E-11	4.46E-04	1.18E-06	8.33E-07	1.31E-05	8.14E-06	4.88E-05	7.72E-07	1.76E-05	2.40E-03	2.22E-04	2.86E-03
1221	SR_260	Sensitive Receptor	Commercial	Offsite	378.485	6367.804	7.04E-03	1.48E-02	2.03E-01	1.14E-02	3.83E-06	1.69E-02	2.26E-03	7.06E-04	1.38E-11	3.67E-04	9.73E-07	6.84E-07	1.07E-05	6.69E-06	4.01E-05	6.34E-07	1.45E-05	1.98E-03	1.83E-04	2.35E-03
1222	SR_261	Sensitive Receptor	Commercial	Offsite	378.452	6367.770	6.88E-03	1.44E-02	1.98E-01	1.12E-02	3.74E-06	1.66E-02	2.21E-03	6.89E-04	1.35E-11	3.58E-04	9.50E-07	6.67E-07	1.05E-05	6.53E-06	3.91E-05	6.19E-07	1.41E-05	1.93E-03	1.78E-04	2.30E-03
1223	SR_262	Sensitive Receptor	Commercial	Offsite	378.397	6367.821	6.35E-03	1.33E-02	1.83E-01	1.03E-02	3.45E-06	1.51E-02	2.04E-03	6.36E-04	1.24E-11	3.31E-04	8.76E-07	6.16E-07	9.68E-06	6.03E-06	3.61E-05	5.71E-07	1.30E-05	1.78E-03	1.65E-04	2.12E-03
1224	SR_263	Sensitive Receptor	Commercial	Offsite	378.331	6367.882	5.80E-03	1.22E-02	1.67E-01	9.44E-03	3.15E-06	1.36E-02	1.86E-03	5.81E-04	1.14E-11	3.02E-04	8.01E-07	5.63E-07	8.85E-06	5.51E-06	3.30E-05	5.22E-07	1.19E-05	1.63E-03	1.50E-04	1.94E-03
1225	SR_264	Sensitive Receptor	Commercial	Offsite	378.242	6368.021	5.16E-03	1.09E-02	1.49E-01	8.53E-03	2.81E-06	1.18E-02	1.66E-03	5.18E-04	1.01E-11	2.69E-04	7.13E-07	5.01E-07	7.88E-06	4.90E-06	2.94E-05	4.65E-07	1.06E-05	1.45E-03	1.34E-04	1.73E-03
1226	SR_265	Sensitive Receptor	Commercial	Offsite	378.195	6368.099	4.87E-03	1.02E-02	1.41E-01	8.14E-03	2.65E-06	1.10E-02	1.57E-03	4.89E-04	9.56E-12	2.54E-04	6.72E-07	4.72E-07	7.43E-06	4.63E-06	2.77E-05	4.39E-07	1.00E-05	1.37E-03	1.26E-04	1.63E-03
1227	SR_266	Sensitive Receptor	Commercial	Offsite	378.346	6368.095	5.53E-03	1.16E-02	1.59E-01	9.22E-03	3.00E-06	1.27E-02	1.78E-03	5.54E-04	1.08E-11	2.88E-04	7.63E-07	5.36E-07	8.43E-06	5.25E-06	3.14E-05	4.98E-07	1.13E-05	1.55E-03	1.43E-04	1.85E-03
1228	SR_267	Sensitive Receptor	Commercial	Offsite	377.340	6365.871	2.98E-03	6.28E-03	8.68E-02	4.60E-03	1.63E-06	4.70E-03	9.60E-04	2.99E-04	5.86E-12	1.56E-04	4.18E-07	3.01E-07	4.56E-06	2.85E-06	1.70E-05	2.70E-07	6.12E-06	8.37E-04	7.74E-05	9.98E-04
1229	SR_268	Sensitive Receptor	Commercial	Offsite	377.340	6365.806	2.88E-03	6.07E-03	8.39E-02	4.46E-03	1.58E-06	4.53E-03	9.27E-04	2.89E-04	5.66E-12	1.50E-04	4.04E-07	2.91E-07	4.40E-06	2.75E-06	1.64E-05	2.60E-07	5.91E-06	8.09E-04	7.48E-05	9.64E-04
1230	SR_269	Sensitive Receptor	Commercial	Offsite	379.950	6370.344	1.60E-03	3.36E-03	4.72E-02	2.62E-03	8.67E-07	2.62E-03	5.13E-04	1.60E-04	3.13E-12	8.32E-05	2.20E-07	1.54E-07	2.44E-06	1.52E-06	9.08E-06	1.44E-07	3.28E-06	4.48E-04	4.14E-05	5.34E-04
1231	SR_270	Sensitive Receptor	Commercial	Offsite	376.746	6366.522	2.25E-03	4.75E-03	6.57E-02	3.77E-03	1.23E-06	4.09E-03	7.25E-04	2.26E-04	4.43E-12	1.18E-04	3.14E-07	2.24E-07	3.44E-06	2.15E-06	1.28E-05	2.04E-07	4.63E-06	6.33E-04	5.86E-05	7.54E-04
1232	SR_271	Sensitive Receptor	Residential	Offsite	378.837	6368.740	6.63E-03	1.39E-02	1.92E-01	1.14E-02	3.60E-06	1.40E-02	2.13E-03	6.65E-04	1.30E-11	3.45E-04	9.16E-07	6.44E-07	1.01E-05	6.30E-06	3.77E-05	5.97E-07	1.36E-05	1.86E-03	1.72E-04	2.22E-03
1233	SR_272	Sensitive Receptor	Residential	Offsite	378.134	6368.193	4.52E-03	9.50E-03	1.31E-01	7.67E-03	2.46E-06	1.01E-02	1.45E-03	4.54E-04	8.87E-12	2.36E-04	6.24E-07	4.38E-07	6.90E-06	4.29E-06	2.57E-05	4.07E-07	9.29E-06	1.27E-03	1.17E-04	1.51E-03
1234	SR_273	Sensitive Receptor	Residential	Offsite	378.115	6367.996	4.66E-03	9.80E-03	1.35E-01	7.70E-03	2.53E-06	1.05E-02	1.50E-03	4.68E-04	9.15E-12	2.43E-04	6.44E-07	4.52E-07	7.11E-06	4.43E-06	2.65E-05	4.20E-07	9.58E-06	1.31E-03	1.21E-04	1.56E-03
1235	SR_274	Sensitive Receptor	Residential	Offsite	378.143	6367.950	4.81E-03	1.01E-02	1.39E-01	7.91E-03	2.61E-06	1.10E-02	1.55E-03	4.82E-04	9.43E-12	2.51E-04	6.64E-07	4.66E-07	7.34E-06	4.57E-06	2.74E-05	4.33E-07	9.88E-06	1.35E-03	1.25E-04	1.61E-03
1236	SR_275	Sensitive Receptor	Residential	Offsite	378.169	6367.907	4.95E-03	1.04E-02	1.43E-01	8.13E-03	2.69E-06	1.14E-02	1.59E-03	4.97E-04	9.72E-12	2.58E-04	6.84E-07	4.80E-07	7.56E-06	4.71E-06	2.82E-05	4.46E-07	1.02E-05	1.39E-03	1.29E-04	1.66E-03
1237	SR_276	Sensitive Receptor	Residential	Offsite	378.185	6367.877	5.06E-03	1.06E-02	1.46E-01	8.30E-03	2.75E-06	1.17E-02	1.63E-03	5.08E-04	9.93E-12	2.64E-04	6.99E-07	4.91E-07	7.72E-06	4.81E-06	2.88E-05	4.56E-07	1.04E-05	1.42E-03	1.31E-04	1.69E-03
1238	SR_277	Sensitive Receptor	Residential	Offsite	378.200	6367.850	5.15E-03	1.08E-02	1.49E-01	8.43E-03	2.80E-06	1.19E-02	1.65E-03	5.16E-04	1.01E-11	2.68E-04	7.11E-07	5.00E-07	7.86E-06	4.89E-06	2.93E-05	4.64E-07	1.06E-05	1.44E-03	1.34E-04	1.72E-03
1239	SR_278	Sensitive Receptor	Residential	Offsite	378.097	6367.941	4.65E-03	9.76E-03	1.34E-01	7.65E-03	2.52E-06	1.06E-02	1.49E-03	4.66E-04	9.12E-12	2.42E-04	6.41E-07	4.51E-07	7.09E-06	4.41E-06	2.64E-05	4.18E-07	9.54E-06	1.30E-03	1.21E-04	1.55E-03
1240	SR_279	Sensitive Receptor	Residential	Offsite	378.081	6367.889	4.61E-03	9.68E-03	1.33E-01	7.56E-03	2.50E-06	1.05E-02	1.48E-03	4.62E-04	9.03E-12	2.40E-04	6.36E-07	4.47E-07	7.02E-06	4.37E-06	2.62E-05	4.15E-07	9.46E-06	1.29E-03	1.20E-04	1.54E-03
1241	SR_280	Sensitive Receptor	Residential	Offsite	378.069	6367.843	4.55E-03	9.57E-03	1.32E-01	7.45E-03	2.47E-06	1.04E-02	1.46E-03	4.57E-04	8.93E-12	2.37E-04	6.29E-07	4.42E-07	6.95E-06	4.33E-06	2.59E-05	4.10E-07	9.35E-06	1.28E-03	1.18E-04	1.52E-03
1242	SR_281	Sensitive Receptor	Residential	Offsite	378.056	6367.797	4.52E-03	9.50E-03	1.31E-01	7.40E-03	2.46E-06	1.03E-02	1.45E-03	4.53E-04	8.87E-12	2.35E-04	6.24E-07	4.39E-07	6.90E-06	4.29E-06	2.57E-05	4.07E-07	9.28E-06	1.27E-03	1.17E-04	1.51E-03
1243	SR_282	Sensitive Receptor	Residential	Offsite	378.122	6367.917	4.75E-03	9.99E-03	1.37E-01	7.81E-03	2.58E-06	1.08E-02	1.53E-03	4.77E-04	9.32E-12	2.48E-04	6.56E-07	4.61E-07	7.25E-06	4.51E-06	2.70E-05	4.28E-07	9.76E-06	1.33E-03	1.23E-04	1.59E-03
1244	SR_283	Sensitive Receptor	Residential	Offsite	378.110	6367.883	4.71E-03	9.90E-03	1.36E-01	7.73E-03	2.56E-06	1.08E-02	1.51E-03	4.73E-04	9.25E-12	2.46E-04	6.51E-07	4.57E-07	7.19E-06	4.48E-06	2.68E-05	4.24E-07	9.68E-06	1.32E-03	1.22E-04	1.58E-03
1245	SR_284	Sensitive Receptor	Residential	Offsite	378.098	6367.845	4.66E-03	9.80E-03	1.35E-01	7.63E-03	2.53E-06	1.06E-02	1.50E-03	4.68E-04	9.15E-12	2.43E-04	6.44E-07	4.52E-07	7.11E-06	4.43E-06	2.65E-05	4.20E-07	9.58E-06	1.31E-03	1.21E-04	1.56E-03
1246	SR_285	Sensitive Receptor	Residential	Offsite	378.087	6367.803	4.64E-03	9.75E-03	1.34E-01	7.59E-03	2.52E-06	1.06E-02	1.49E-03	4.65E-04	9.10E-12	2.42E-04	6.41E-07	4.50E-07	7.08E-06	4.41E-06	2.64E-05	4.18E-07	9.53E-06	1.30E-03	1.20E-04	1.55E-03
1247	SR_286	Sensitive Receptor	Residential	Offsite	378.145	6367.872	4.87E-03	1.02E-02	1.41E-01	7.98E-03	2.65E-06	1.12E-02	1.56E-03	4.88E-04	9.55E-12	2.54E-04	6.72E-07	4.72E-07	7.43E-06	4.63E-06	2.77E-05	4.39E-07	1.00E-05	1.37E-03	1.26E-04	1.63E-03
1248	SR_287	Sensitive Receptor	Residential	Offsite	378.132	6367.836	4.83E-03	1.01E-02	1.39E-01	7.90E-03	2.62E-06	1.11E-02	1.55E-03	4.84E-04	9.46E-12	2.51E-04	6.66E-07	4.68E-07	7.36E-06	4.58E-06	2.74E-05	4.34E-07	9.91E-06	1.35E-03	1.25E-04	1.61E-03
1249	SR_288	Sensitive Receptor	Residential	Offsite	378.122	6367.798	4.82E-03	1.01E-02	1.39E-01	7.90E-03	2.62E-06	1.11E-02	1.55E-03	4.83E-04	9.45E-12	2.51E-04	6.65E-07	4.67E-07	7.35E-06	4.57E-06	2.74E-05	4.34E-07	9.89E-06	1.35E-03	1.25E-04	1.61E-03
1250	SR_289	Sensitive Receptor	Residential	Offsite	378.165	6367.846	4.98E-03	1.05E-02	1.44E-01	8.16E-03	2.71E-06	1.15E-02	1.60E-03	5.00E-04	9.78E-12	2.60E-04	6.88E-07	4.83E-07	7.60E-06	4.73E-06	2.83E-05	4.49E-07	1.02E-05	1.40E-03	1.29E-04	1.67E-03
1251	SR_290	Sensitive Receptor	Residential	Offsite	378.155	6367.814	4.95E-03	1.04E-02	1.43E-01	8.10E-03	2.69E-06	1.14E-02	1.59E-03	4.96E-04	9.71E-12	2.58E-04	6.83E-07	4.80E-07	7.55E-06	4.70E-06	2.81E-05	4.46E-07	1.02E-05	1.39E-03	1.28E-04	1.65E-03
1252	SR_291	Sensitive Receptor	Residential	Offsite	378.145	6367.779	4.94E-03	1.04E-02	1.43E-01	8.09E-03	2.68E-06	1.14E-02	1.59E-03	4.95E-04	9.69E-12	2.57E-04	6.82E-07	4.79E-07	7.53E-06	4.69E-06	2.81E-05	4.45E-07	1.01E-05	1.38E-03	1.28E-04	1.65E-03
1253	SR_292	Sensitive Receptor	Residential	Offsite	378.131	6367.743	4.90E-03	1.03E-02	1.41E-01	8.04E-03	2.66E-06	1.14E-02	1.57E-03	4.91E-04	9.61E-12	2.55E-04	6.76E-07	4.75E-07	7.47E-06	4.65E-06	2.79E-05	4.41E-07	1.01E-05	1.37E-03	1.27E-04	1.64E-03
1254	SR_293	Sensitive Receptor	Residential	Offsite	378.180	6367.783	5.10E-03	1.07E-02	1.47E-01	8.35E-03	2.77E-06	1.18E-02	1.64E-03	5.11E-04	1.00E-11	2.66E-04	7.04E-07	4.95E-07	7.78E-06	4.84E-06	2.90E-05	4.59E-07	1.05E-05	1.43E-03	1.32E-04	1.70E-03
1255	SR_294	Sensitive Receptor	Residential	Offsite	378.169	6367.748	5.06E-03	1.06E-02	1.46E-01	8.28E-03	2.75E-06	1.18E-02	1.62E-03	5.07E-04	9.92E-12	2.63E-04	6.98E-07	4.91E-07	7.71E-06	4.80E-06	2.88E-05	4.55E-07	1.04E-05	1.42E-03	1.31E-04	1.69E-03
1256	SR_295	Sensitive Receptor	Residential	Offsite	378.204	6367.755	5.24E-03	1.10E-02	1.51E-01	8.58E-03	2.85E-06	1.22E-02	1.68E-03	5.25E-04	1.03E-11	2.73E-04	7.23E-07	5.08E-07	7.99E-06	4.98E-06	2.98E-05	4.72E-07	1.08E-05	1.47E-03	1.36E-04	1.75E-03
1257	SR_296	Sensitive Receptor	Residential	Offsite	378.195	6367.730	5.19E-03	1.09E-02	1.50E-01	8.49E-03	2.82E-06	1.21E-02	1.67E-03	5.21E-04	1.02E-11	2.70E-04	7.17E-07	5.04E-07	7.92E-06	4.93E-06	2.95E-05	4.67E-07	1.07E-05	1.46E-03	1.35E-04	1.73E-03
1258	SR_297	Sensitive Receptor	Residential	Offsite	378.221	6367.722	5.35E-03	1.12E-02	1.54E-01	8.75E-03	2.91E-06	1.25E-02	1.72E-03	5.36E-04	1.05E-11	2.79E-04	7.38E-07	5.19E-07	8.16E-06	5.08E-06	3.04E-05	4.81E-07	1.10E-05	1.50E-03	1.39E-04	1.79E-03
1259	SR_298	Sensitive Receptor	Residential	Offsite	381.618	6366.961	1.13E-02	2.38E-02	3.27E-01	1.70E-02	6.13E-06	1.86E-02	3.63E-03	1.13E-03	2.22E-11	5.89E-04	1.55E-06	1.08E-06	1.73E-05	1.07E-05	6.43E-05	1.02E-06	2.32E-05	3.17E-03	2.94E-04	3.78E-03
1260	SR_299	Sensitive Receptor	Residential	Offsite	379.929	6366.674	9.30E-03	1.95E-02	2.68E-01	1.37E-02	5.03E-06	1.81E-02	2.99E-03	9.32E-04	1.82E-11	4.84E-04	1.27E-06	8.81E-07	1.42E-05	8.80E-06	5.29E-05	8.36E-07	1.91E-05	2.61E-03	2.41E-04	3.11E-03
1261	SR_300	Sensitive Receptor	Residential	Offsite	379.964	6366.659	9.38E-03	1.97E-02	2.70E-01	1.38E-02	5.08E-06	1.80E-02	3.01E-03	9.41E-04	1.84E-11	4.88E-04	1.28E-06	8.88E-07	1.43E-05	8.88E-06	5.34E-05	8.43E-07	1.93E-05	2.63E-03	2.44E-04	3.14E-03
1262	SR_301	Sensitive Receptor	Residential	Offsite	379.914	6366.612	7.76E-03	1.63E-02	2.24E-01	1.13E-02	4.20E-06	1.49E-02	2.49E-03	7.78E-04	1.52E-11	4.04E-04	1.06E-06	7.36E-07	1.18E-05	7.35E-06	4.41E-05	6.98E-07	1.60E-05	2.18E-03	2.01E-04	2.59E-03
1263	SR_302	Sensitive Receptor	Residential	Offsite	379.954	6366.593	7.79E-03	1.64E-02	2.24E-01	1.14E-02	4.22E-06	1.47E-02	2.50E-03	7.81E-04	1.53E-11	4.05E-04	1.07E-06	7.38E-07	1.19E-05	7.38E-06	4.43E-05	7.00E-07	1.60E-05	2.18E-03	2.02E-04	2.60E-03
1264	SR_303	Sensitive Receptor	Residential	Offsite	377.335	6366.729	2.93E-03	6.18E-03	8.53E-02	4.72E-03	1.60E-06	5.52E-03	9.44E-04	2.95E-04	5.76E-12	1.53E-04	4.09E-07	2.91E-07	4.48E-06	2.80E-06	1.67E-05	2.65E-07	6.03E-06	8.24E-04	7.62E-05	9.82E-04
1265	SR_304	Sensitive Receptor	Residential	Offsite	377.341	6366.701	2.99E-03	6.30E-03	8.69E-02	4.78E-03	1.63E-06	5.56E-03	9.63E-04	3.00E-04	5.88E-12	1.56E-04	4.17E-07	2.97E-07	4.57E-06	2.85E-06	1.70E-05	2.70E-07	6.14E-06	8.40E-04	7.77E-05	1.00E-03
1266	SR_305	Sensitive Receptor	Residential	Offsite	377.348	6366.669	3.08E-03	6.48E-03	8.94E-02	4.90E-03	1.68E-06	5.66E-03	9.90E-04	3.09E-04	6.04E-12	1.61E-04	4.29E-07	3.06E-07	4.70E-06	2.94E-06	1.75E-05	2.78E-07	6.32E-06	8.64E-04	7.99E-05	1.03E-03
1267	SR_306	Sensitive Receptor	Residential	Offsite	377.354	6366.640	3.15E-03	6.64E-03	9.17E-02	5.02E-03	1.72E-06	5.76E-03	1.02E-03	3.17E-04	6.20E-12	1.65E-04	4.40E-07	3.14E-07	4.82E-06	3.01E-06	1.80E-05	2.85E-07	6.48E-06	8.86E-04	8.19E-05	1.06E-03
1268	SR_307	Sensitive Receptor	Residential	Offsite	377.357	6366.612	3.23E-03	6.80E-03	9.38E-02	5.13E-03	1.76E-06	5.85E-03	1.04E-03	3.24E-04	6.34E-12	1.69E-04	4.50E-07	3.22E-07	4.93E-06	3.08E-06	1.84E-05	2.92E-07	6.63E-06	9.07E-04	8.39E-05	1.08E-03
1269	SR_308	Sensitive Receptor	Residential	Offsite	377.359	6366.584	3.30E-03	6.95E-03	9.59E-02	5.23E-03	1.80E-06	5.94E-03	1.06E-03	3.31E-04	6.48E-12	1.72E-04	4.61E-07	3.29E-07	5.04E-06	3.15E-06	1.88E-05	2.98E-07	6.78E-06	9.27E-04	8.57E-05	1.10E-03
1270	SR_309	Sensitive Receptor	Residential	Offsite	377.356	6366.526	3.40E-03	7.15E-03	9.87E-02	5.37E-03	1.86E-06	6.01E-03	1.09E-03	3.41E-04	6.67E-12	1.77E-04	4.74E-07	3.40E-07	5.19E-06	3.24E-06	1.93E-05	3.07E-07	6.98E-06	9.54E-04	8.82E-05	1.14E-03
1271	SR_310	Sensitive Receptor	Residential	Offsite	377.355	6366.500	3.43E-03	7.22E-03	9.96E-02	5.41E-03	1.87E-06	6.02E-03	1.10E-03	3.44E-04	6.74E-12	1.79E-04	4.79E-07	3.43E-07	5.24E-06	3.27E-06	1.95E-05	3.10E-07	7.04E-06	9.63E-04	8.91E-05	1.15E-03
1272	SR_311	Sensitive Receptor	Residential	Offsite	377.355	6366.474	3.45E-03	7.28E-03	1.00E-01	5.44E-03	1.89E-06	6.01E-03	1.11E-03	3.47E-04	6.79E-12	1.80E-04	4.83E-07	3.46E-07	5.28E-06	3.30E-06	1.97E-05	3.12E-07	7.10E-06	9.71E-04	8.98E-05	1.16E-03
1273	SR_312	Sensitive Receptor	Residential	Offsite	377.353	6366.444	3.47E-03	7.31E-03	1.01E-01	5.45E-03	1.90E-06	5.98E-03	1.12E-03	3.49E-04	6.82E-12	1.81E-04	4.85E-07	3.48E-07	5.31E-06	3.32E-06	1.98E-05	3.14E-07	7.13E-06	9.75E-04	9.02E-05	1.16E-03
1274	SR_313	Sensitive Receptor	Residential	Offsite	377.352	6366.418	3.48E-03	7.33E-03	1.01E-01	5.44E-03	1.90E-06	5.94E-03	1.12E-03	3.49E-04	6.83E-12	1.82E-04	4.86E-07	3.49E-07	5.32E-06	3.32E-06	1.98E-05	3.14E-07	7.14E-06	9.77E-04	9.04E-05	1.16E-03
1275	SR_314	Sensitive Receptor	Residential	Offsite	377.352	6366.392	3.48E-03	7.33E-03	1.01E-01	5.43E-03	1.90E-06	5.90E-03	1.12E-03	3.50E-04	6.84E-12	1.82E-04	4.87E-07	3.49E-07	5.32E-06	3.33E-06	1.98E-05	3.15E-07	7.15E-06	9.78E-04	9.05E-05	1.17E-03
1276	SR_315	Sensitive Receptor	Residential	Offsite	377.352	6366.361	3.48E-03	7.33E-03	1.01E-01	5.41E-03	1.90E-06	5.85E-03	1.12E-03	3.50E-04	6.84E-12	1.82E-04	4.87E-07	3.50E-07	5.32E-06	3.33E-06	1.98E-05	3.15E-07	7.15E-06	9.78E-04	9.04E-05	1.17E-03
1277	SR_316	Sensitive Receptor	Residential	Offsite	377.355	6366.225	3.47E-03	7.30E-03	1.01E-01	5.35E-03	1.90E-06	5.68E-03	1.12E-03	3.48E-04	6.81E-12	1.81E-04	4.85E-07	3.49E-07	5.30E-06	3.31E-06	1.97E-05	3.13E-07	7.12E-06	9.74E-04	9.01E-05	1.16E-03
1278	SR_317	Sensitive Receptor	Residential	Offsite	377.357	6366.199	3.46E-03	7.29E-03	1.01E-01	5.34E-03	1.89E-06	5.64E-03	1.11E-03	3.47E-04	6.79E-12	1.81E-04	4.84E-07	3.48E-07	5.29E-06	3.31E-06	1.97E-05	3.13E-07	7.10E-06	9.71E-04	8.98E-05	1.16E-03
1279	SR_318	Sensitive Receptor	Residential	Offsite	377.358	6366.114	3.37E-03	7.10E-03	9.81E-02	5.19E-03	1.84E-06	5.44E-03	1.09E-03	3.39E-04	6.63E-12	1.76E-04	4.72E-07	3.40E-07	5.16E-06	3.22E-06	1.92E-05	3.05E-07	6.93E-06	9.47E-04	8.76E-05	1.13E-03
1280	SR_319	Sensitive Receptor	Residential	Offsite	377.359	6366.086	3.34E-03	7.04E-03	9.72E-02	5.15E-03	1.83E-06	5.38E-03	1.08E-03	3.35E-04	6.56E-12	1.75E-04	4.68E-07	3.37E-07	5.11E-06	3.19E-06	1.90E-05	3.02E-07	6.86E-06	9.38E-04	8.68E-05	1.12E-03

AQIA DATA - SCENARIO 1 GRID MAX

Annual Average Pollutant Concentration (µg/m3) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							0.124	0.260	3.550	0.199	6.74E-05	0.358	0.040	0.012	2.43E-10	6.46E-03	1.72E-05	1.22E-05	1.89E-04	1.18E-04	7.05E-04	1.12E-05	2.54E-04	0.035	0.003	0.041
Receptor ID of Maximum Offsite Concentration / Deposition Rate							NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837
Coordinates of Maximum Offsite Concentration/ Deposition Rate						X	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464
						Y	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607
1281	SR_320	Sensitive Receptor	Residential	Offsite	377.415	6366.112	3.47E-03	7.31E-03	1.01E-01	5.34E-03	1.90E-06	5.64E-03	1.12E-03	3.48E-04	6.82E-12	1.81E-04	4.86E-07	3.50E-07	5.31E-06	3.32E-06	1.98E-05	3.14E-07	7.13E-06	9.75E-04	9.02E-05	1.16E-03
1282	SR_321	Sensitive Receptor	Residential	Offsite	377.424	6366.069	3.41E-03	7.19E-03	9.93E-02	5.26E-03	1.87E-06	5.53E-03	1.10E-03	3.43E-04	6.71E-12	1.78E-04	4.78E-07	3.44E-07	5.22E-06	3.26E-06	1.94E-05	3.09E-07	7.01E-06	9.59E-04	8.87E-05	1.14E-03
1283	SR_322	Sensitive Receptor	Residential	Offsite	377.490	6365.297	1.87E-03	3.95E-03	5.48E-02	2.98E-03	1.03E-06	2.90E-03	6.03E-04	1.88E-04	3.68E-12	9.79E-05	2.63E-07	1.90E-07	2.87E-06	1.79E-06	1.07E-05	1.69E-07	3.85E-06	5.26E-04	4.87E-05	6.27E-04
1284	SR_323	Sensitive Receptor	Residential	Offsite	377.501	6365.274	1.84E-03	3.87E-03	5.37E-02	2.92E-03	1.00E-06	2.83E-03	5.91E-04	1.84E-04	3.61E-12	9.59E-05	2.58E-07	1.86E-07	2.81E-06	1.76E-06	1.05E-05	1.66E-07	3.77E-06	5.16E-04	4.77E-05	6.15E-04
1285	SR_324	Sensitive Receptor	Residential	Offsite	377.517	6365.248	1.79E-03	3.78E-03	5.25E-02	2.86E-03	9.82E-07	2.77E-03	5.78E-04	1.80E-04	3.53E-12	9.38E-05	2.52E-07	1.82E-07	2.74E-06	1.72E-06	1.02E-05	1.62E-07	3.69E-06	5.04E-04	4.66E-05	6.01E-04
1286	SR_325	Sensitive Receptor	Residential	Offsite	377.545	6365.208	1.74E-03	3.67E-03	5.10E-02	2.77E-03	9.53E-07	2.69E-03	5.61E-04	1.75E-04	3.42E-12	9.10E-05	2.44E-07	1.76E-07	2.66E-06	1.67E-06	9.92E-06	1.58E-07	3.58E-06	4.89E-04	4.53E-05	5.83E-04
1287	SR_326	Sensitive Receptor	Residential	Offsite	377.560	6365.175	1.69E-03	3.57E-03	4.96E-02	2.70E-03	9.28E-07	2.61E-03	5.46E-04	1.70E-04	3.33E-12	8.86E-05	2.38E-07	1.72E-07	2.59E-06	1.62E-06	9.66E-06	1.53E-07	3.48E-06	4.76E-04	4.40E-05	5.68E-04
1288	SR_327	Sensitive Receptor	Residential	Offsite	377.551	6365.143	1.65E-03	3.47E-03	4.82E-02	2.62E-03	9.01E-07	2.52E-03	5.30E-04	1.65E-04	3.23E-12	8.60E-05	2.31E-07	1.67E-07	2.52E-06	1.57E-06	9.38E-06	1.49E-07	3.38E-06	4.62E-04	4.28E-05	5.51E-04
1289	SR_328	Sensitive Receptor	Residential	Offsite	377.584	6365.158	1.68E-03	3.54E-03	4.92E-02	2.68E-03	9.20E-07	2.59E-03	5.41E-04	1.69E-04	3.30E-12	8.78E-05	2.36E-07	1.70E-07	2.57E-06	1.61E-06	9.57E-06	1.52E-07	3.45E-06	4.72E-04	4.36E-05	5.62E-04
1290	SR_329	Sensitive Receptor	Residential	Offsite	377.571	6365.096	1.59E-03	3.35E-03	4.66E-02	2.54E-03	8.71E-07	2.43E-03	5.12E-04	1.60E-04	3.13E-12	8.31E-05	2.23E-07	1.61E-07	2.43E-06	1.52E-06	9.07E-06	1.44E-07	3.27E-06	4.47E-04	4.13E-05	5.33E-04
1291	SR_330	Sensitive Receptor	Residential	Offsite	377.612	6365.109	1.65E-03	3.47E-03	4.82E-02	2.64E-03	9.02E-07	2.55E-03	5.30E-04	1.65E-04	3.24E-12	8.61E-05	2.31E-07	1.67E-07	2.52E-06	1.58E-06	9.39E-06	1.49E-07	3.38E-06	4.63E-04	4.28E-05	5.52E-04
1292	SR_331	Sensitive Receptor	Residential	Offsite	377.578	6365.066	1.56E-03	3.29E-03	4.57E-02	2.49E-03	8.54E-07	2.37E-03	5.02E-04	1.57E-04	3.06E-12	8.15E-05	2.19E-07	1.58E-07	2.39E-06	1.49E-06	8.88E-06	1.41E-07	3.20E-06	4.38E-04	4.05E-05	5.22E-04
1293	SR_332	Sensitive Receptor	Residential	Offsite	377.621	6365.086	1.62E-03	3.42E-03	4.75E-02	2.60E-03	8.87E-07	2.51E-03	5.22E-04	1.63E-04	3.19E-12	8.47E-05	2.27E-07	1.64E-07	2.48E-06	1.55E-06	9.24E-06	1.47E-07	3.33E-06	4.55E-04	4.21E-05	5.43E-04
1294	SR_333	Sensitive Receptor	Residential	Offsite	377.604	6365.014	1.51E-03	3.17E-03	4.42E-02	2.41E-03	8.24E-07	2.29E-03	4.85E-04	1.51E-04	2.96E-12	7.87E-05	2.11E-07	1.52E-07	2.30E-06	1.44E-06	8.58E-06	1.36E-07	3.09E-06	4.23E-04	3.91E-05	5.04E-04
1295	SR_334	Sensitive Receptor	Residential	Offsite	377.637	6365.025	1.53E-03	3.24E-03	4.50E-02	2.46E-03	8.40E-07	2.36E-03	4.94E-04	1.54E-04	3.02E-12	8.02E-05	2.15E-07	1.55E-07	2.35E-06	1.47E-06	8.75E-06	1.39E-07	3.15E-06	4.31E-04	3.99E-05	5.14E-04
1296	SR_335	Sensitive Receptor	Residential	Offsite	377.670	6365.038	1.56E-03	3.30E-03	4.59E-02	2.52E-03	8.57E-07	2.43E-03	5.04E-04	1.57E-04	3.08E-12	8.18E-05	2.20E-07	1.58E-07	2.39E-06	1.50E-06	8.92E-06	1.42E-07	3.21E-06	4.40E-04	4.07E-05	5.24E-04
1297	SR_336	Sensitive Receptor	Residential	Offsite	377.685	6364.995	1.48E-03	3.12E-03	4.34E-02	2.37E-03	8.10E-07	2.27E-03	4.77E-04	1.49E-04	2.91E-12	7.73E-05	2.08E-07	1.50E-07	2.26E-06	1.42E-06	8.43E-06	1.34E-07	3.04E-06	4.16E-04	3.85E-05	4.96E-04
1298	SR_337	Sensitive Receptor	Residential	Offsite	377.707	6364.724	1.14E-03	2.41E-03	3.37E-02	1.83E-03	6.26E-07	1.66E-03	3.68E-04	1.15E-04	2.25E-12	5.98E-05	1.60E-07	1.16E-07	1.75E-06	1.09E-06	6.52E-06	1.03E-07	2.35E-06	3.21E-04	2.97E-05	3.83E-04
1299	SR_338	Sensitive Receptor	Residential	Offsite	377.738	6364.735	1.15E-03	2.43E-03	3.39E-02	1.84E-03	6.29E-07	1.68E-03	3.70E-04	1.15E-04	2.26E-12	6.01E-05	1.61E-07	1.16E-07	1.76E-06	1.10E-06	6.55E-06	1.04E-07	2.36E-06	3.23E-04	2.99E-05	3.85E-04
1300	SR_339	Sensitive Receptor	Residential	Offsite	377.769	6364.749	1.16E-03	2.44E-03	3.41E-02	1.86E-03	6.34E-07	1.70E-03	3.73E-04	1.16E-04	2.28E-12	6.05E-05	1.62E-07	1.17E-07	1.77E-06	1.11E-06	6.60E-06	1.05E-07	2.38E-06	3.25E-04	3.01E-05	3.88E-04
1301	SR_340	Sensitive Receptor	Residential	Offsite	377.799	6364.758	1.16E-03	2.45E-03	3.42E-02	1.86E-03	6.36E-07	1.72E-03	3.74E-04	1.17E-04	2.28E-12	6.07E-05	1.63E-07	1.17E-07	1.78E-06	1.11E-06	6.62E-06	1.05E-07	2.39E-06	3.26E-04	3.02E-05	3.89E-04
1302	SR_341	Sensitive Receptor	Residential	Offsite	377.830	6364.769	1.17E-03	2.46E-03	3.43E-02	1.87E-03	6.38E-07	1.73E-03	3.76E-04	1.17E-04	2.29E-12	6.10E-05	1.64E-07	1.18E-07	1.78E-06	1.12E-06	6.65E-06	1.06E-07	2.40E-06	3.28E-04	3.03E-05	3.91E-04
1303	SR_342	Sensitive Receptor	Residential	Offsite	377.857	6364.784	1.18E-03	2.48E-03	3.46E-02	1.89E-03	6.44E-07	1.76E-03	3.79E-04	1.18E-04	2.31E-12	6.15E-05	1.65E-07	1.19E-07	1.80E-06	1.13E-06	6.71E-06	1.06E-07	2.42E-06	3.31E-04	3.06E-05	3.94E-04
1304	SR_343	Sensitive Receptor	Residential	Offsite	380.055	6370.517	1.46E-03	3.08E-03	4.33E-02	2.42E-03	7.93E-07	2.35E-03	4.70E-04	1.47E-04	2.87E-12	7.61E-05	2.01E-07	1.41E-07	2.23E-06	1.39E-06	8.31E-06	1.32E-07	3.00E-06	4.10E-04	3.79E-05	4.89E-04
1305	NG_1	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.607	6.16E-03	1.30E-02	1.78E-01	9.47E-03	3.37E-06	1.26E-02	1.98E-03	6.18E-04	1.21E-11	3.22E-04	8.62E-07	6.20E-07	9.41E-06	5.88E-06	3.51E-05	5.56E-07	1.26E-05	1.73E-03	1.60E-04	2.06E-03
1306	NG_2	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.607	6.02E-03	1.27E-02	1.74E-01	9.26E-03	3.29E-06	1.24E-02	1.94E-03	6.04E-04	1.18E-11	3.14E-04	8.42E-07	6.06E-07	9.20E-06	5.75E-06	3.43E-05	5.44E-07	1.24E-05	1.69E-03	1.56E-04	2.01E-03
1307	NG_3	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.607	5.84E-03	1.23E-02	1.69E-01	8.98E-03	3.19E-06	1.21E-02	1.88E-03	5.86E-04	1.15E-11	3.05E-04	8.17E-07	5.87E-07	8.92E-06	5.57E-06	3.32E-05	5.27E-07	1.20E-05	1.64E-03	1.52E-04	1.95E-03
1308	NG_4	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.607	5.63E-03	1.18E-02	1.63E-01	8.64E-03	3.08E-06	1.17E-02	1.81E-03	5.65E-04	1.11E-11	2.94E-04	7.88E-07	5.66E-07	8.60E-06	5.38E-06	3.20E-05	5.09E-07	1.16E-05	1.58E-03	1.46E-04	1.88E-03
1309	NG_5	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.607	5.39E-03	1.13E-02	1.56E-01	8.25E-03	2.94E-06	1.12E-02	1.73E-03	5.40E-04	1.06E-11	2.81E-04	7.53E-07	5.41E-07	8.23E-06	5.14E-06	3.07E-05	4.87E-07	1.11E-05	1.51E-03	1.40E-04	1.80E-03
1310	NG_6	Nested Grid - 50m	Parks/ Recreation	Offsite	378.914	6366.607	5.14E-03	1.08E-02	1.49E-01	7.85E-03	2.81E-06	1.07E-02	1.65E-03	5.16E-04	1.01E-11	2.68E-04	7.19E-07	5.16E-07	7.85E-06	4.91E-06	2.93E-05	4.64E-07	1.05E-05	1.44E-03	1.33E-04	1.72E-03
1311	NG_7	Nested Grid - 50m	Parks/ Recreation	Offsite	378.964	6366.607	4.94E-03	1.04E-02	1.43E-01	7.52E-03	2.70E-06	1.04E-02	1.59E-03	4.95E-04	9.69E-12	2.58E-04	6.90E-07	4.95E-07	7.54E-06	4.71E-06	2.81E-05	4.46E-07	1.01E-05	1.39E-03	1.28E-04	1.65E-03
1312	NG_8	Nested Grid - 50m	Parks/ Recreation	Offsite	379.014	6366.607	4.75E-03	9.99E-03	1.37E-01	7.21E-03	2.59E-06	9.98E-03	1.53E-03	4.76E-04	9.32E-12	2.48E-04	6.63E-07	4.76E-07	7.25E-06	4.53E-06	2.70E-05	4.29E-07	9.75E-06	1.33E-03	1.23E-04	1.59E-03
1313	NG_9	Nested Grid - 50m	Parks/ Recreation	Offsite	379.064	6366.607	4.58E-03	9.63E-03	1.32E-01	6.92E-03	2.50E-06	9.63E-03	1.47E-03	4.59E-04	8.98E-12	2.39E-04	6.39E-07	4.58E-07	6.99E-06	4.37E-06	2.61E-05	4.13E-07	9.39E-06	1.28E-03	1.19E-04	1.53E-03
1314	NG_10	Nested Grid - 50m	Parks/ Recreation	Offsite	379.114	6366.607	4.41E-03	9.27E-03	1.28E-01	6.64E-03	2.41E-06	9.28E-03	1.42E-03	4.42E-04	8.66E-12	2.30E-04	6.15E-07	4.40E-07	6.74E-06	4.21E-06	2.51E-05	3.98E-07	9.05E-06	1.24E-03	1.14E-04	1.47E-03
1315	NG_11	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.607	4.28E-03	8.99E-03	1.24E-01	6.42E-03	2.33E-06	9.01E-03	1.38E-03	4.29E-04	8.40E-12	2.23E-04	5.96E-07	4.26E-07	6.53E-06	4.08E-06	2.43E-05	3.86E-07	8.78E-06	1.20E-03	1.11E-04	1.43E-03
1316	NG_12	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.607	4.16E-03	8.74E-03	1.20E-01	6.23E-03	2.27E-06	8.78E-03	1.34E-03	4.17E-04	8.15E-12	2.17E-04	5.79E-07	4.13E-07	6.34E-06	3.96E-06	2.36E-05	3.75E-07	8.53E-06	1.17E-03	1.08E-04	1.39E-03
1317	NG_13	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.607	4.01E-03	8.43E-03	1.16E-01	6.00E-03	2.19E-06	8.49E-03	1.29E-03	4.02E-04	7.87E-12	2.09E-04	5.58E-07	3.97E-07	6.13E-06	3.82E-06	2.28E-05	3.62E-07	8.24E-06	1.13E-03	1.04E-04	1.34E-03
1318	NG_14	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.607	3.87E-03	8.13E-03	1.12E-01	5.79E-03	2.11E-06	8.20E-03	1.24E-03	3.88E-04	7.59E-12	2.02E-04	5.37E-07	3.82E-07	5.91E-06	3.68E-06	2.20E-05	3.49E-07	7.94E-06	1.09E-03	1.00E-04	1.29E-03
1319	NG_15	Nested Grid - 50m	Parks/ Recreation	Offsite	379.364	6366.607	3.76E-03	7.91E-03	1.09E-01	5.62E-03	2.05E-06	7.98E-03	1.21E-03	3.77E-04	7.38E-12	1.96E-04	5.22E-07	3.69E-07	5.74E-06	3.58E-06	2.14E-05	3.39E-07	7.72E-06	1.06E-03	9.76E-05	1.26E-03
1320	NG_16	Nested Grid - 50m	Parks/ Recreation	Offsite	379.414	6366.607	3.73E-03	7.83E-03	1.08E-01	5.55E-03	2.03E-06	7.90E-03	1.20E-03	3.74E-04	7.31E-12	1.94E-04	5.16E-07	3.64E-07	5.69E-06	3.54E-06	2.12E-05	3.36E-07	7.65E-06	1.05E-03	9.67E-05	1.25E-03
1321	NG_17	Nested Grid - 50m	Parks/ Recreation	Offsite	379.464	6366.607	3.75E-03	7.87E-03	1.08E-01	5.56E-03	2.04E-06	7.91E-03	1.20E-03	3.76E-04	7.35E-12	1.95E-04	5.18E-07	3.64E-07	5.72E-06	3.56E-06	2.13E-05	3.37E-07	7.69E-06	1.05E-03	9.72E-05	1.25E-03
1322	NG_18	Nested Grid - 50m	Parks/ Recreation	Offsite	379.514	6366.607	3.85E-03	8.10E-03	1.11E-01	5.69E-03	2.09E-06	8.06E-03	1.24E-03	3.86E-04	7.56E-12	2.01E-04	5.32E-07	3.73E-07	5.88E-06	3.66E-06	2.19E-05	3.47E-07	7.92E-06	1.08E-03	1.00E-04	1.29E-03
1323	NG_19	Nested Grid - 50m	Parks/ Recreation	Offsite	379.564	6366.607	4.04E-03	8.48E-03	1.17E-01	5.92E-03	2.19E-06	8.35E-03	1.30E-03	4.05E-04	7.92E-12	2.10E-04	5.56E-07	3.89E-07	6.16E-06	3.83E-06	2.30E-05	3.63E-07	8.29E-06	1.13E-03	1.05E-04	1.35E-03
1324	NG_20	Nested Grid - 50m	Parks/ Recreation	Offsite	379.614	6366.607	4.36E-03	9.17E-03	1.26E-01	6.36E-03	2.37E-06	8.90E-03	1.40E-03	4.37E-04	8.56E-12	2.27E-04	6.00E-07	4.19E-07	6.65E-06	4.14E-06	2.48E-05	3.93E-07	8.96E-06	1.22E-03	1.13E-04	1.46E-03
1325	NG_21	Nested Grid - 50m	Parks/ Recreation	Offsite	379.664	6366.607	4.81E-03	1.01E-02	1.39E-01	6.97E-03	2.61E-06	9.68E-03	1.54E-03	4.82E-04	9.43E-12	2.50E-04	6.61E-07	4.61E-07	7.33E-06	4.56E-06	2.73E-05	4.32E-07	9.88E-06	1.35E-03	1.25E-04	1.61E-03
1326	NG_22	Nested Grid - 50m	Parks/ Recreation	Offsite	379.714	6366.607	5.35E-03	1.12E-02	1.54E-01	7.74E-03	2.90E-06	1.07E-02	1.72E-03	5.37E-04	1.05E-11	2.79E-04	7.35E-07	5.12E-07	8.16E-06	5.08E-06	3.05E-05	4.82E-07	1.10E-05	1.50E-03	1.39E-04	1.79E-03
1327	NG_23	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.607	5.89E-03	1.24E-02	1.70E-01	8.51E-03	3.19E-06	1.16E-02	1.89E-03	5.91E-04	1.16E-11	3.07E-04	8.09E-07	5.62E-07	8.98E-06	5.58E-06	3.35E-05	5.30E-07	1.21E-05	1.65E-03	1.53E-04	1.97E-03
1328	NG_24	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.607	6.44E-03	1.35E-02	1.86E-01	9.32E-03	3.49E-06	1.26E-02	2.07E-03	6.46E-04	1.26E-11	3.36E-04	8.84E-07	6.14E-07	9.83E-06	6.11E-06	3.67E-05	5.80E-07	1.32E-05	1.81E-03	1.67E-04	2.15E-03
1329	NG_25	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.607	7.03E-03	1.48E-02	2.03E-01	1.02E-02	3.81E-06	1.36E-02	2.26E-03	7.05E-04	1.38E-11	3.66E-04	9.64E-07	6.68E-07	1.07E-05	6.66E-06	4.00E-05	6.32E-07	1.45E-05	1.97E-03	1.83E-04	2.35E-03
1330	NG_26	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.607	7.65E-03	1.61E-02	2.20E-01	1.12E-02	4.14E-06	1.47E-02	2.46E-03	7.67E-04	1.50E-11	3.98E-04	1.05E-06	7.26E-07	1.17E-05	7.25E-06	4.35E-05	6.88E-07	1.57E-05	2.15E-03	1.99E-04	2.56E-03
1331	NG_27	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.607	8.25E-03	1.73E-02	2.38E-01	1.21E-02	4.47E-06	1.56E-02	2.65E-03	8.27E-04	1.62E-11	4.29E-04	1.13E-06	7.81E-07	1.26E-05	7.81E-06	4.69E-05	7.41E-07	1.70E-05	2.31E-03	2.14E-04	2.76E-03
1332	NG_28	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.607	8.87E-03	1.86E-02	2.55E-01	1.30E-02	4.80E-06	1.66E-02	2.85E-03	8.89E-04	1.74E-11	4.61E-04	1.21E-06	8.39E-07	1.35E-05	8.39E-06	5.04E-05	7.97E-07	1.82E-05	2.49E-03	2.30E-04	2.96E-03
1333	NG_29	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.607	9.62E-03	2.02E-02	2.77E-01	1.41E-02	5.21E-06	1.77E-02	3.09E-03	9.65E-04	1.89E-11	5.01E-04	1.32E-06	9.10E-07	1.47E-05	9.11E-06	5.47E-05	8.65E-07	1.98E-05	2.70E-03	2.50E-04	3.22E-03
1334	NG_30	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.607	1.05E-02	2.20E-02	3.02E-01	1.54E-02	5.68E-06	1.90E-02	3.37E-03	1.05E-03	2.06E-11	5.46E-04	1.44E-06	9.92E-07	1.60E-05	9.93E-06	5.97E-05	9.43E-07	2.16E-05	2.94E-03	2.72E-04	3.51E-03
1335	NG_31	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.607	1.14E-02	2.40E-02	3.29E-01	1.67E-02	6.19E-06	2.03E-02	3.67E-03	1.15E-03	2.24E-11	5.95E-04	1.57E-06	1.08E-06	1.74E-05	1.08E-05	6.50E-05	1.03E-06	2.35E-05	3.21E-03	2.97E-04	3.82E-03
1336	NG_32	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.607	1.24E-02	2.61E-02	3.58E-01	1.81E-02	6.72E-06	2.16E-02	3.99E-03	1.25E-03	2.44E-11	6.46E-04	1.70E-06	1.18E-06	1.89E-05	1.18E-05	7.06E-05	1.12E-06	2.55E-05	3.48E-03	3.22E-04	4.15E-03
1337	NG_33	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.607	1.35E-02	2.83E-02	3.89E-01	1.96E-02	7.31E-06	2.30E-02	4.34E-03	1.35E-03	2.65E-11	7.02E-04	1.85E-06	1.28E-06	2.06E-05	1.28E-05	7.68E-05	1.21E-06	2.77E-05	3.78E-03	3.50E-04	4.51E-03
1338	NG_34	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.607	1.46E-02	3.07E-02	4.21E-01	2.12E-02	7.91E-06	2.45E-02	4.69E-03	1.46E-03	2.87E-11	7.60E-04	2.00E-06	1.39E-06	2.23E-05	1.38E-05	8.31E-05	1.31E-06	3.00E-05	4.10E-03	3.79E-04	4.88E-03
1339	NG_35	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.607	1.56E-02	3.27E-02	4.49E-01	2.25E-02	8.45E-06	2.58E-02	5.01E-03	1.56E-03	3.06E-11	8.12E-04	2.14E-06	1.48E-06	2.38E-05	1.48E-05	8.87E-05	1.40E-06	3.20E-05	4.37E-03	4.05E-04	5.21E-03
1340	NG_36	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.607	1.65E-02	3.46E-02	4.75E-01	2.38E-02	8.93E-06	2.69E-02	5.30E-03	1.65E-03	3.23E-11	8.58E-04	2.26E-06	1.57E-06	2.51E-05	1.56E-05	9.37E-05	1.48E-06	3.39E-05	4.62E-03	4.28E-04	5.51E-03
1341	NG_37	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.607	1.72E-02	3.62E-02	4.97E-01	2.49E-02	9.34E-06	2.79E-02	5.54E-03	1.73E-03	3.38E-11	8.98E-04	2.36E-06	1.64E-06	2.63E-05	1.63E-05	9.81E-05	1.55E-06	3.54E-05	4.84E-03	4.48E-04	5.76E-03
1342	NG_38	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.607	1.77E-02	3.72E-02	5.11E-01	2.55E-02	9.59E-06	2.84E-02	5.69E-03	1.78E-03	3.47E-11	9.22E-04	2.43E-06	1.68E-06	2.70E-05	1.68E-05	1.01E-04	1.59E-06	3.64E-05	4.97E-03	4.60E-04	5.92E-03
1343	NG_39	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.607	1.80E-02	3.78E-02	5.18E-01	2.60E-02	9.74E-06	2.87E-02	5.78E-03	1.80E-03	3.53E-11	9.36E-04	2.47E-06	1.71E-06	2.74E-05	1.70E-05	1.02E-04	1.62E-06	3.70E-05	5.04E-03	4.67E-04	6.01E-03
1344	NG_40	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.607	1.80E-02	3.77E-02	5.18E-01	2.60E-02	9.73E-06	2.85E-02	5.77E-03	1.80E-03	3.52E-11	9.35E-04	2.46E-06	1.71E-06	2.74E-05	1.70E-05	1.02E-04	1.61E-06	3.69E-05	5.03E-03	4.66E-04	6.00E-03
1345	NG_41	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.607	1.79E-02	3.75E-02	5.15E-01	2.59E-02	9.68E-06	2.83E-02	5.74E-03	1.79E-03	3.50E-11	9.30E-04	2.45E-06	1.70E-06	2.72E-05	1.69E-05	1.02E-04	1.61E-06	3.67E-05	5.01E-03	4.64E-04	5.97E-03
1346	NG_42	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.657	6.59E-03	1.39E-02	1.90E-01	1.01E-02	3.60E-06	1.34E-02	2.12E-03	6.61E-04	1.29E-11	3.44E-04	9.22E-07	6.63E-07	1.01E-05	6.29E-06	3.75E-05	5.95E-07	1.35E-05	1.85E-03	1.71E-04	2.20E-03
1347	NG_43	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.657	6.45E-03	1.36E-02	1.86E-01	9.84E-03	3.52E-06	1.32E-02	2.07E-03	6.46E-04	1.27E-11	3.36E-04	9.02E-07	6.48E-07	9.85E-06	6.15E-06	3.67E-05	5.82E-07	1.32E-05	1.81E-03	1.67E-04	2.16E-03
1348	NG_44	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.657	6.29E-03	1.32E-02	1.82E-01	9.61E-03	3.43E-06	1.30E-02	2.02E-03	6.30E-04	1.23E-11	3.28E-04	8.79E-07	6.32E-07	9.60E-06	6.00E-06	3.58E-05	5.68E-07	1.29E-05	1.76E-03	1.63E-04	2.10E-03
1349	NG_45	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.657	6.07E-03	1.28E-02	1.75E-01	9.27E-03	3.31E-06	1.26E-02	1.95E-03	6.08E-04	1.19E-11	3.16E-04	8.48E-07	6.10E-07	9.26E-06	5.79E-06	3.45E-05	5.48E-07	1.24E-05	1.70E-03	1.57E-04	2.03E-03
1350	NG_46	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.657	5.79E-03	1.22E-02	1.67E-01	8.82E-03	3.16E-06	1.21E-02	1.86E-03	5.80E-04	1.14E-11	3.02E-04	8.09E-07	5.81E-07	8.84E-06	5.52E-06	3.29E-05	5.22E-07	1.19E-05	1.62E-03	1.50E-04	1.93E-03
1351	NG_47	Nested Grid - 50m	Parks/ Recreation	Offsite	378.914	6366.657	5.54E-03	1.16E-02	1.60E-01	8.42E-03	3.02E-06	1.16E-02	1.78E-03	5.55E-04	1.09E-11	2.89E-04	7.74E-07	5.56E-07	8.46E-06	5.28E-06	3.15E-05	5.00E-07	1.14E-05	1.55E-03	1.44E-04	1.85E-03
1352	NG_48	Nested Grid - 50m	Parks/ Recreation	Offsite	378.964	6366.657	5.36E-03	1.13E-02	1.55E-01	8.15E-03	2.93E-06	1.13E-02	1.72E-03	5.38E-04	1.05E-11	2.80E-04	7.49E-07	5.37E-07	8.19E-06	5.11E-06	3.05E-05	4.84E-07	1.10E-05	1.50E-03	1.39E-04	1.79E-03
1353	NG_49	Nested Grid - 50m	Parks/ Recreation	Offsite	379.014	6366.657	5.20E-03	1.09E-02	1.50E-01	7.89E-03	2.84E-06	1.10E-02	1.67E-03	5.21E-04	1.02E-11	2.71E-04	7.26E-07	5.21E-07	7.94E-06	4.96E-06	2.96E-05	4.69E-07	1.07E-05	1.46E-03	1.35E-04	1.74E-03
1354	NG_50	Nested Grid - 50m	Parks/ Recreation	Offsite	379.064	6366.657	5.01E-03	1.05E-02	1.45E-01	7.58E-03	2.73E-06	1.06E-02	1.61E-03	5.03E-04	9.83E-12	2.61E-04	7.00E-07	5.01E-07	7.65E-06	4.78E-06	2.85E-05	4.52E-07	1.03E-05	1.41E-03	1.30E-04	1.68E-03
1355	NG_51	Nested Grid - 50m	Parks/ Recreation	Offsite	379.114	6366.657	4.83E-03	1.01E-02	1.39E-01	7.27E-03	2.63E-06	1.03E-02	1.55E-03	4.84E-04	9.47E-12	2.52E-04	6.74E-07	4.82E-07	7.37E-06	4.60E-06	2.75E-05	4.36E-07	9.91E-06	1.35E-03	1.25E-04	1.61E-03
1356	NG_52	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.657	4.68E-03	9.84E-03	1.35E-01	7.03E-03	2.55E-06	9.96E-03	1.50E-03	4.69E-04	9.18E-12	2.44E-04	6.52E-07	4.66E-07	7.14E-06	4.46E-06	2.66E-05	4.22E-07	9.60E-06	1.31E-03	1.21E-04	1.56E-03
1357	NG_53	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.657	4.56E-03	9.58E-03	1.32E-01	6.83E-03	2.48E-06	9.74E-03	1.46E-03	4.57E-04	8.94E-12	2.38E-04	6.35E-07	4.53E-07	6.96E-06	4.34E-06	2.59E-05	4.11E-07	9.35E-06	1.28E-03	1.18E-04	1.52E-03
1358	NG_54	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.657	4.43E-03	9.32E-03	1.28E-01	6.64E-03	2.42E-06	9.51E-03	1.43E-03	4.45E-04	8.70E-12	2.31E-04	6.17E-07	4.39E-07	6.77E-06	4.22E-06	2.52E-05	4.00E-07	9.10E-06	1.24E-03	1.15E-04	1.48E-03
1359	NG_55	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.657	4.28E-03	9.00E-03	1.24E-01	6.40E-03	2.33E-06	9.20E-03	1.38E-03	4.29E-04	8.40E-12	2.23E-04	5.95E-07	4.23E-07	6.54E-06	4.08E-06	2.44E-05	3.86E-07	8.79E-06	1.20E-03	1.11E-04	1.43E-03
1360	NG_56	Nested Grid - 50m	Parks/ Recreation	Offsite	379.364	6366.657	4.17E-03	8.76E-03	1.20E-01	6.22E-03	2.27E-06	8.96E-03	1.34E-03	4.18E-04	8.17E-12	2.17E-04	5.78E-07	4.09E-07	6.36E-06	3.96E-06	2.37E-05	3.76E-07	8.55E-06	1.17E-03	1.08E-04	1.39E-03
1361	NG_57	Nested Grid - 50m	Parks/ Recreation	Offsite	379.414	6366.657	4.14E-03	8.70E-03	1.20E-01	6.17E-03	2.25E-06	8.91E-03	1.33E-03	4.15E-04	8.12E-12	2.16E-04	5.73E-07	4.05E-07	6.32E-06	3.94E-06	2.36E-05	3.73E-07	8.50E-06	1.16E-03	1.07E-04	1.38E-03
1362	NG_58	Nested Grid - 50m	Parks/ Recreation	Offsite	379.464	6366.657	4.22E-03	8.86E-03	1.22E-01	6.25E-03	2.29E-06	9.05E-03	1.36E-03	4.23E-04	8.27E-12	2.20E-04	5.83E-07	4.10E-07	6.43E-06	4.01E-06	2.40E-05	3.80E-07	8.66E-06	1.18E-03	1.09E-04	1.41E-03
1363	NG_59	Nested Grid - 50m	Parks/ Recreation	Offsite	379.514	6366.657	4.34E-03	9.12E-03	1.25E-01	6.40E-03	2.36E-06	9.24E-03	1.40E-03	4.35E-04	8.52E-12	2.26E-04	5.99E-07	4.20E-07	6.62E-06	4.12E-06	2.47E-05	3.91E-07	8.92E-06	1.22E-03	1.13E-04	1.45E-03

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 1 GRID MAX

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.124**	**0.260**	**3.550**	**0.199**	**6.74E-05**	**0.358**	**0.040**	**0.012**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**0.035**	**0.003**	**0.041**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1364	NG_60	Nested Grid - 50m	Parks/ Recreation	Offsite	379.564	6366.657	4.53E-03	9.53E-03	1.31E-01	6.64E-03	2.46E-06	9.52E-03	1.46E-03	4.55E-04	8.89E-12	2.36E-04	6.25E-07	4.37E-07	6.91E-06	4.30E-06	2.58E-05	4.08E-07	9.31E-06	1.27E-03	1.18E-04	1.52E-03
1365	NG_61	Nested Grid - 50m	Parks/ Recreation	Offsite	379.614	6366.657	4.89E-03	1.03E-02	1.41E-01	7.12E-03	2.65E-06	1.01E-02	1.57E-03	4.91E-04	9.60E-12	2.55E-04	6.73E-07	4.70E-07	7.46E-06	4.64E-06	2.78E-05	4.40E-07	1.01E-05	1.37E-03	1.27E-04	1.63E-03
1366	NG_62	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.657	5.46E-03	1.15E-02	1.57E-01	7.92E-03	2.96E-06	1.12E-02	1.75E-03	5.48E-04	1.07E-11	2.84E-04	7.51E-07	5.23E-07	8.33E-06	5.18E-06	3.11E-05	4.91E-07	1.12E-05	1.53E-03	1.42E-04	1.83E-03
1367	NG_63	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.657	6.13E-03	1.29E-02	1.77E-01	8.86E-03	3.32E-06	1.24E-02	1.97E-03	6.14E-04	1.20E-11	3.19E-04	8.42E-07	5.86E-07	9.34E-06	5.81E-06	3.49E-05	5.51E-07	1.26E-05	1.72E-03	1.59E-04	2.05E-03
1368	NG_64	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.657	6.70E-03	1.41E-02	1.93E-01	9.69E-03	3.63E-06	1.34E-02	2.15E-03	6.72E-04	1.31E-11	3.49E-04	9.20E-07	6.39E-07	1.02E-05	6.35E-06	3.81E-05	6.03E-07	1.38E-05	1.88E-03	1.74E-04	2.24E-03
1369	NG_65	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.657	7.27E-03	1.53E-02	2.09E-01	1.05E-02	3.94E-06	1.44E-02	2.34E-03	7.29E-04	1.43E-11	3.78E-04	9.97E-07	6.92E-07	1.11E-05	6.89E-06	4.14E-05	6.54E-07	1.49E-05	2.04E-03	1.89E-04	2.43E-03
1370	NG_66	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.657	7.97E-03	1.67E-02	2.30E-01	1.16E-02	4.32E-06	1.56E-02	2.56E-03	7.99E-04	1.56E-11	4.15E-04	1.09E-06	7.57E-07	1.22E-05	7.55E-06	4.53E-05	7.17E-07	1.64E-05	2.23E-03	2.07E-04	2.66E-03
1371	NG_67	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.657	8.70E-03	1.83E-02	2.50E-01	1.27E-02	4.71E-06	1.69E-02	2.79E-03	8.72E-04	1.71E-11	4.53E-04	1.19E-06	8.25E-07	1.33E-05	8.24E-06	4.95E-05	7.82E-07	1.79E-05	2.44E-03	2.26E-04	2.91E-03
1372	NG_68	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.657	9.30E-03	1.95E-02	2.68E-01	1.37E-02	5.04E-06	1.78E-02	2.99E-03	9.33E-04	1.82E-11	4.84E-04	1.27E-06	8.81E-07	1.42E-05	8.81E-06	5.29E-05	8.36E-07	1.91E-05	2.61E-03	2.41E-04	3.11E-03
1373	NG_69	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.657	1.00E-02	2.10E-02	2.88E-01	1.47E-02	5.42E-06	1.88E-02	3.21E-03	1.00E-03	1.96E-11	5.21E-04	1.37E-06	9.47E-07	1.53E-05	9.47E-06	5.69E-05	8.99E-07	2.06E-05	2.81E-03	2.60E-04	3.34E-03
1374	NG_70	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.657	1.09E-02	2.29E-02	3.14E-01	1.60E-02	5.91E-06	2.02E-02	3.51E-03	1.10E-03	2.14E-11	5.68E-04	1.49E-06	1.03E-06	1.66E-05	1.03E-05	6.21E-05	9.81E-07	2.24E-05	3.06E-03	2.83E-04	3.65E-03
1375	NG_71	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.657	1.20E-02	2.51E-02	3.44E-01	1.75E-02	6.47E-06	2.17E-02	3.84E-03	1.20E-03	2.35E-11	6.22E-04	1.64E-06	1.13E-06	1.82E-05	1.13E-05	6.80E-05	1.07E-06	2.46E-05	3.35E-03	3.10E-04	3.99E-03
1376	NG_72	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.657	1.31E-02	2.74E-02	3.76E-01	1.91E-02	7.07E-06	2.32E-02	4.19E-03	1.31E-03	2.56E-11	6.79E-04	1.79E-06	1.24E-06	1.99E-05	1.24E-05	7.42E-05	1.17E-06	2.68E-05	3.66E-03	3.39E-04	4.36E-03
1377	NG_73	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.657	1.43E-02	3.01E-02	4.12E-01	2.08E-02	7.75E-06	2.50E-02	4.60E-03	1.44E-03	2.81E-11	7.45E-04	1.96E-06	1.36E-06	2.18E-05	1.36E-05	8.14E-05	1.29E-06	2.94E-05	4.01E-03	3.72E-04	4.78E-03
1378	NG_74	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.657	1.56E-02	3.27E-02	4.48E-01	2.26E-02	8.42E-06	2.67E-02	5.00E-03	1.56E-03	3.05E-11	8.10E-04	2.13E-06	1.48E-06	2.37E-05	1.47E-05	8.85E-05	1.40E-06	3.20E-05	4.36E-03	4.04E-04	5.20E-03
1379	NG_75	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.657	1.67E-02	3.51E-02	4.82E-01	2.42E-02	9.05E-06	2.82E-02	5.37E-03	1.68E-03	3.28E-11	8.70E-04	2.29E-06	1.59E-06	2.55E-05	1.58E-05	9.51E-05	1.50E-06	3.44E-05	4.69E-03	4.34E-04	5.59E-03
1380	NG_76	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.657	1.77E-02	3.72E-02	5.11E-01	2.56E-02	9.60E-06	2.95E-02	5.69E-03	1.78E-03	3.48E-11	9.22E-04	2.43E-06	1.68E-06	2.70E-05	1.68E-05	1.01E-04	1.59E-06	3.64E-05	4.97E-03	4.60E-04	5.92E-03
1381	NG_77	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.657	1.87E-02	3.92E-02	5.38E-01	2.69E-02	1.01E-05	3.07E-02	5.99E-03	1.87E-03	3.66E-11	9.71E-04	2.56E-06	1.77E-06	2.85E-05	1.77E-05	1.06E-04	1.68E-06	3.84E-05	5.23E-03	4.84E-04	6.24E-03
1382	NG_78	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.657	1.93E-02	4.04E-02	5.55E-01	2.78E-02	1.04E-05	3.14E-02	6.19E-03	1.93E-03	3.78E-11	1.00E-03	2.64E-06	1.83E-06	2.94E-05	1.82E-05	1.10E-04	1.73E-06	3.96E-05	5.40E-03	5.00E-04	6.43E-03
1383	NG_79	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.657	1.97E-02	4.14E-02	5.68E-01	2.85E-02	1.07E-05	3.20E-02	6.33E-03	1.98E-03	3.87E-11	1.03E-03	2.70E-06	1.88E-06	3.01E-05	1.87E-05	1.12E-04	1.77E-06	4.05E-05	5.53E-03	5.12E-04	6.59E-03
1384	NG_80	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.657	1.98E-02	4.16E-02	5.71E-01	2.87E-02	1.07E-05	3.21E-02	6.37E-03	1.99E-03	3.89E-11	1.03E-03	2.72E-06	1.89E-06	3.02E-05	1.88E-05	1.13E-04	1.78E-06	4.07E-05	5.56E-03	5.14E-04	6.62E-03
1385	NG_81	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.657	1.95E-02	4.09E-02	5.61E-01	2.83E-02	1.06E-05	3.14E-02	6.26E-03	1.95E-03	3.82E-11	1.01E-03	2.67E-06	1.85E-06	2.97E-05	1.85E-05	1.11E-04	1.75E-06	4.00E-05	5.46E-03	5.05E-04	6.51E-03
1386	NG_82	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.657	1.92E-02	4.03E-02	5.53E-01	2.79E-02	1.04E-05	3.08E-02	6.16E-03	1.92E-03	3.76E-11	9.99E-04	2.63E-06	1.83E-06	2.93E-05	1.82E-05	1.09E-04	1.73E-06	3.94E-05	5.38E-03	4.98E-04	6.41E-03
1387	NG_83	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.707	7.13E-03	1.50E-02	2.06E-01	1.08E-02	3.89E-06	1.45E-02	2.29E-03	7.14E-04	1.40E-11	3.72E-04	9.96E-07	7.16E-07	1.09E-05	6.80E-06	4.05E-05	6.43E-07	1.46E-05	2.00E-03	1.85E-04	2.38E-03
1388	NG_84	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.707	7.02E-03	1.48E-02	2.03E-01	1.07E-02	3.83E-06	1.44E-02	2.26E-03	7.04E-04	1.38E-11	3.66E-04	9.82E-07	7.05E-07	1.07E-05	6.70E-06	3.99E-05	6.34E-07	1.44E-05	1.97E-03	1.82E-04	2.35E-03
1389	NG_85	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.707	6.84E-03	1.44E-02	1.97E-01	1.04E-02	3.73E-06	1.42E-02	2.20E-03	6.86E-04	1.34E-11	3.57E-04	9.56E-07	6.87E-07	1.04E-05	6.52E-06	3.89E-05	6.17E-07	1.40E-05	1.92E-03	1.77E-04	2.29E-03
1390	NG_86	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.707	6.59E-03	1.38E-02	1.90E-01	1.00E-02	3.60E-06	1.37E-02	2.12E-03	6.60E-04	1.29E-11	3.43E-04	9.20E-07	6.61E-07	1.01E-05	6.28E-06	3.75E-05	5.94E-07	1.35E-05	1.85E-03	1.71E-04	2.20E-03
1391	NG_87	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.707	6.34E-03	1.33E-02	1.83E-01	9.62E-03	3.46E-06	1.33E-02	2.04E-03	6.35E-04	1.24E-11	3.31E-04	8.86E-07	6.36E-07	9.68E-06	6.05E-06	3.61E-05	5.72E-07	1.30E-05	1.78E-03	1.64E-04	2.12E-03
1392	NG_88	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.707	6.10E-03	1.28E-02	1.76E-01	9.26E-03	3.33E-06	1.28E-02	1.96E-03	6.12E-04	1.20E-11	3.18E-04	8.53E-07	6.12E-07	9.32E-06	5.82E-06	3.47E-05	5.51E-07	1.25E-05	1.71E-03	1.58E-04	2.04E-03
1393	NG_89	Nested Grid - 50m	Parks/ Recreation	Offsite	378.964	6366.707	5.93E-03	1.25E-02	1.71E-01	8.99E-03	3.23E-06	1.26E-02	1.90E-03	5.94E-04	1.16E-11	3.09E-04	8.28E-07	5.94E-07	9.05E-06	5.65E-06	3.37E-05	5.35E-07	1.22E-05	1.66E-03	1.54E-04	1.98E-03
1394	NG_90	Nested Grid - 50m	Parks/ Recreation	Offsite	379.014	6366.707	5.72E-03	1.20E-02	1.65E-01	8.66E-03	3.12E-06	1.22E-02	1.84E-03	5.73E-04	1.12E-11	2.98E-04	7.99E-07	5.73E-07	8.73E-06	5.45E-06	3.25E-05	5.16E-07	1.17E-05	1.60E-03	1.48E-04	1.91E-03
1395	NG_91	Nested Grid - 50m	Parks/ Recreation	Offsite	379.064	6366.707	5.52E-03	1.16E-02	1.59E-01	8.35E-03	3.01E-06	1.18E-02	1.78E-03	5.54E-04	1.08E-11	2.88E-04	7.71E-07	5.52E-07	8.43E-06	5.27E-06	3.14E-05	4.98E-07	1.13E-05	1.55E-03	1.43E-04	1.85E-03
1396	NG_92	Nested Grid - 50m	Parks/ Recreation	Offsite	379.114	6366.707	5.31E-03	1.12E-02	1.53E-01	8.00E-03	2.90E-06	1.14E-02	1.71E-03	5.32E-04	1.04E-11	2.77E-04	7.41E-07	5.30E-07	8.11E-06	5.06E-06	3.02E-05	4.79E-07	1.09E-05	1.49E-03	1.38E-04	1.77E-03
1397	NG_93	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.707	5.17E-03	1.09E-02	1.49E-01	7.77E-03	2.82E-06	1.11E-02	1.66E-03	5.18E-04	1.01E-11	2.69E-04	7.20E-07	5.15E-07	7.89E-06	4.92E-06	2.94E-05	4.66E-07	1.06E-05	1.45E-03	1.34E-04	1.73E-03
1398	NG_94	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.707	5.04E-03	1.06E-02	1.45E-01	7.56E-03	2.75E-06	1.09E-02	1.62E-03	5.05E-04	9.89E-12	2.63E-04	7.02E-07	5.01E-07	7.69E-06	4.80E-06	2.87E-05	4.55E-07	1.03E-05	1.41E-03	1.31E-04	1.68E-03
1399	NG_95	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.707	4.90E-03	1.03E-02	1.42E-01	7.34E-03	2.67E-06	1.06E-02	1.58E-03	4.92E-04	9.62E-12	2.56E-04	6.82E-07	4.86E-07	7.48E-06	4.67E-06	2.79E-05	4.42E-07	1.01E-05	1.38E-03	1.27E-04	1.64E-03
1400	NG_96	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.707	4.73E-03	9.94E-03	1.36E-01	7.07E-03	2.58E-06	1.03E-02	1.52E-03	4.74E-04	9.28E-12	2.46E-04	6.57E-07	4.67E-07	7.22E-06	4.50E-06	2.69E-05	4.26E-07	9.70E-06	1.33E-03	1.23E-04	1.58E-03
1401	NG_97	Nested Grid - 50m	Parks/ Recreation	Offsite	379.364	6366.707	4.62E-03	9.71E-03	1.33E-01	6.90E-03	2.52E-06	1.01E-02	1.49E-03	4.63E-04	9.07E-12	2.41E-04	6.41E-07	4.55E-07	7.05E-06	4.40E-06	2.63E-05	4.17E-07	9.49E-06	1.30E-03	1.20E-04	1.54E-03
1402	NG_98	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.707	4.61E-03	9.68E-03	1.33E-01	6.86E-03	2.51E-06	1.00E-02	1.48E-03	4.62E-04	9.04E-12	2.40E-04	6.38E-07	4.51E-07	7.03E-06	4.38E-06	2.62E-05	4.15E-07	9.46E-06	1.29E-03	1.20E-04	1.54E-03
1403	NG_99	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.707	4.67E-03	9.81E-03	1.35E-01	6.92E-03	2.54E-06	1.01E-02	1.50E-03	4.68E-04	9.16E-12	2.43E-04	6.45E-07	4.54E-07	7.12E-06	4.44E-06	2.66E-05	4.20E-07	9.59E-06	1.31E-03	1.21E-04	1.56E-03
1404	NG_100	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.707	4.78E-03	1.00E-02	1.38E-01	7.04E-03	2.60E-06	1.03E-02	1.54E-03	4.79E-04	9.38E-12	2.49E-04	6.60E-07	4.63E-07	7.29E-06	4.54E-06	2.72E-05	4.30E-07	9.82E-06	1.34E-03	1.24E-04	1.60E-03
1405	NG_101	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.707	5.02E-03	1.06E-02	1.45E-01	7.36E-03	2.73E-06	1.07E-02	1.61E-03	5.04E-04	9.86E-12	2.62E-04	6.92E-07	4.84E-07	7.66E-06	4.77E-06	2.86E-05	4.52E-07	1.03E-05	1.41E-03	1.30E-04	1.68E-03
1406	NG_102	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.707	5.49E-03	1.15E-02	1.58E-01	7.99E-03	2.98E-06	1.15E-02	1.76E-03	5.50E-04	1.08E-11	2.86E-04	7.55E-07	5.27E-07	8.37E-06	5.21E-06	3.12E-05	4.94E-07	1.13E-05	1.54E-03	1.42E-04	1.83E-03
1407	NG_103	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.707	6.09E-03	1.28E-02	1.76E-01	8.83E-03	3.30E-06	1.26E-02	1.96E-03	6.11E-04	1.20E-11	3.17E-04	8.37E-07	5.83E-07	9.29E-06	5.78E-06	3.46E-05	5.48E-07	1.25E-05	1.71E-03	1.58E-04	2.04E-03
1408	NG_104	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.707	6.83E-03	1.43E-02	1.97E-01	9.88E-03	3.70E-06	1.40E-02	2.19E-03	6.85E-04	1.34E-11	3.55E-04	9.38E-07	6.52E-07	1.04E-05	6.47E-06	3.88E-05	6.14E-07	1.40E-05	1.91E-03	1.77E-04	2.28E-03
1409	NG_105	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.707	7.52E-03	1.58E-02	2.17E-01	1.09E-02	4.08E-06	1.52E-02	2.42E-03	7.54E-04	1.48E-11	3.92E-04	1.03E-06	7.17E-07	1.15E-05	7.13E-06	4.28E-05	6.76E-07	1.55E-05	2.11E-03	1.95E-04	2.51E-03
1410	NG_106	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.707	8.23E-03	1.73E-02	2.37E-01	1.20E-02	4.46E-06	1.65E-02	2.64E-03	8.26E-04	1.62E-11	4.29E-04	1.13E-06	7.83E-07	1.26E-05	7.80E-06	4.68E-05	7.40E-07	1.69E-05	2.31E-03	2.14E-04	2.75E-03
1411	NG_107	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.707	8.96E-03	1.88E-02	2.58E-01	1.31E-02	4.85E-06	1.78E-02	2.88E-03	8.99E-04	1.76E-11	4.66E-04	1.23E-06	8.51E-07	1.37E-05	8.49E-06	5.10E-05	8.06E-07	1.84E-05	2.51E-03	2.33E-04	2.99E-03
1412	NG_108	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.707	9.81E-03	2.06E-02	2.82E-01	1.44E-02	5.31E-06	1.92E-02	3.15E-03	9.84E-04	1.92E-11	5.11E-04	1.34E-06	9.30E-07	1.50E-05	9.29E-06	5.58E-05	8.82E-07	2.02E-05	2.75E-03	2.55E-04	3.28E-03
1413	NG_109	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.707	1.06E-02	2.22E-02	3.04E-01	1.55E-02	5.71E-06	2.04E-02	3.39E-03	1.06E-03	2.07E-11	5.49E-04	1.44E-06	9.99E-07	1.61E-05	9.99E-06	6.00E-05	9.48E-07	2.17E-05	2.96E-03	2.74E-04	3.53E-03
1414	NG_110	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.707	1.14E-02	2.39E-02	3.28E-01	1.67E-02	6.16E-06	2.16E-02	3.66E-03	1.14E-03	2.23E-11	5.93E-04	1.56E-06	1.08E-06	1.74E-05	1.08E-05	6.48E-05	1.02E-06	2.34E-05	3.19E-03	2.96E-04	3.80E-03
1415	NG_111	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.707	1.24E-02	2.61E-02	3.58E-01	1.82E-02	6.72E-06	2.31E-02	3.99E-03	1.25E-03	2.44E-11	6.46E-04	1.70E-06	1.18E-06	1.89E-05	1.18E-05	7.06E-05	1.12E-06	2.55E-05	3.48E-03	3.22E-04	4.15E-03
1416	NG_112	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.707	1.36E-02	2.87E-02	3.93E-01	2.00E-02	7.39E-06	2.48E-02	4.38E-03	1.37E-03	2.68E-11	7.10E-04	1.87E-06	1.29E-06	2.08E-05	1.29E-05	7.76E-05	1.23E-06	2.81E-05	3.83E-03	3.54E-04	4.56E-03
1417	NG_113	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.707	1.50E-02	3.15E-02	4.31E-01	2.18E-02	8.11E-06	2.67E-02	4.81E-03	1.50E-03	2.94E-11	7.80E-04	2.05E-06	1.42E-06	2.28E-05	1.42E-05	8.52E-05	1.35E-06	3.08E-05	4.20E-03	3.89E-04	5.01E-03
1418	NG_114	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.707	1.65E-02	3.46E-02	4.74E-01	2.39E-02	8.92E-06	2.88E-02	5.29E-03	1.65E-03	3.23E-11	8.57E-04	2.26E-06	1.56E-06	2.51E-05	1.56E-05	9.36E-05	1.48E-06	3.38E-05	4.62E-03	4.27E-04	5.50E-03
1419	NG_115	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.707	1.79E-02	3.76E-02	5.16E-01	2.59E-02	9.70E-06	3.08E-02	5.75E-03	1.80E-03	3.51E-11	9.32E-04	2.45E-06	1.70E-06	2.73E-05	1.70E-05	1.02E-04	1.61E-06	3.68E-05	5.02E-03	4.65E-04	5.98E-03
1420	NG_116	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.707	1.91E-02	4.01E-02	5.50E-01	2.76E-02	1.03E-05	3.24E-02	6.13E-03	1.91E-03	3.75E-11	9.94E-04	2.62E-06	1.81E-06	2.91E-05	1.81E-05	1.09E-04	1.72E-06	3.92E-05	5.35E-03	4.96E-04	6.38E-03
1421	NG_117	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.707	2.01E-02	4.23E-02	5.80E-01	2.91E-02	1.09E-05	3.38E-02	6.47E-03	2.02E-03	3.95E-11	1.05E-03	2.76E-06	1.91E-06	3.07E-05	1.91E-05	1.14E-04	1.81E-06	4.14E-05	5.64E-03	5.22E-04	6.73E-03
1422	NG_118	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.707	2.10E-02	4.40E-02	6.04E-01	3.03E-02	1.14E-05	3.49E-02	6.73E-03	2.10E-03	4.11E-11	1.09E-03	2.87E-06	1.99E-06	3.19E-05	1.98E-05	1.19E-04	1.88E-06	4.31E-05	5.87E-03	5.44E-04	7.00E-03
1423	NG_119	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.707	2.14E-02	4.48E-02	6.15E-01	3.09E-02	1.16E-05	3.53E-02	6.86E-03	2.14E-03	4.19E-11	1.11E-03	2.93E-06	2.03E-06	3.25E-05	2.02E-05	1.21E-04	1.92E-06	4.39E-05	5.99E-03	5.54E-04	7.13E-03
1424	NG_120	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.707	2.16E-02	4.54E-02	6.23E-01	3.13E-02	1.17E-05	3.56E-02	6.95E-03	2.17E-03	4.24E-11	1.13E-03	2.97E-06	2.06E-06	3.30E-05	2.05E-05	1.23E-04	1.94E-06	4.44E-05	6.06E-03	5.61E-04	7.22E-03
1425	NG_121	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.707	2.16E-02	4.54E-02	6.23E-01	3.14E-02	1.17E-05	3.55E-02	6.94E-03	2.17E-03	4.24E-11	1.13E-03	2.97E-06	2.06E-06	3.30E-05	2.05E-05	1.23E-04	1.94E-06	4.44E-05	6.06E-03	5.61E-04	7.22E-03
1426	NG_122	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.707	2.11E-02	4.43E-02	6.08E-01	3.07E-02	1.14E-05	3.45E-02	6.77E-03	2.11E-03	4.14E-11	1.10E-03	2.89E-06	2.01E-06	3.21E-05	2.00E-05	1.20E-04	1.90E-06	4.33E-05	5.91E-03	5.47E-04	7.04E-03
1427	NG_123	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.707	2.04E-02	4.28E-02	5.88E-01	2.98E-02	1.10E-05	3.32E-02	6.55E-03	2.04E-03	4.00E-11	1.06E-03	2.80E-06	1.94E-06	3.11E-05	1.93E-05	1.16E-04	1.83E-06	4.19E-05	5.72E-03	5.29E-04	6.81E-03
1428	NG_124	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.757	7.67E-03	1.61E-02	2.21E-01	1.16E-02	4.19E-06	1.56E-02	2.47E-03	7.69E-04	1.51E-11	4.00E-04	1.07E-06	7.71E-07	1.17E-05	7.32E-06	4.36E-05	6.93E-07	1.57E-05	2.15E-03	1.99E-04	2.56E-03
1429	NG_125	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.757	7.62E-03	1.60E-02	2.20E-01	1.15E-02	4.16E-06	1.56E-02	2.45E-03	7.64E-04	1.50E-11	3.98E-04	1.07E-06	7.66E-07	1.16E-05	7.27E-06	4.34E-05	6.88E-07	1.56E-05	2.14E-03	1.98E-04	2.55E-03
1430	NG_126	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.757	7.49E-03	1.57E-02	2.16E-01	1.13E-02	4.09E-06	1.55E-02	2.41E-03	7.51E-04	1.47E-11	3.91E-04	1.05E-06	7.52E-07	1.14E-05	7.14E-06	4.26E-05	6.76E-07	1.54E-05	2.10E-03	1.94E-04	2.50E-03
1431	NG_127	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.757	7.28E-03	1.53E-02	2.10E-01	1.10E-02	3.97E-06	1.52E-02	2.34E-03	7.30E-04	1.43E-11	3.80E-04	1.02E-06	7.31E-07	1.11E-05	6.95E-06	4.14E-05	6.57E-07	1.49E-05	2.04E-03	1.89E-04	2.43E-03
1432	NG_128	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.757	7.05E-03	1.48E-02	2.03E-01	1.07E-02	3.85E-06	1.48E-02	2.27E-03	7.07E-04	1.38E-11	3.68E-04	9.85E-07	7.08E-07	1.08E-05	6.73E-06	4.01E-05	6.36E-07	1.45E-05	1.98E-03	1.83E-04	2.36E-03
1433	NG_129	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.757	6.85E-03	1.44E-02	1.98E-01	1.04E-02	3.74E-06	1.45E-02	2.20E-03	6.86E-04	1.34E-11	3.57E-04	9.57E-07	6.87E-07	1.05E-05	6.53E-06	3.90E-05	6.18E-07	1.40E-05	1.92E-03	1.78E-04	2.29E-03
1434	NG_130	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.757	6.65E-03	1.40E-02	1.92E-01	1.01E-02	3.63E-06	1.42E-02	2.14E-03	6.66E-04	1.30E-11	3.47E-04	9.28E-07	6.66E-07	1.01E-05	6.34E-06	3.78E-05	6.00E-07	1.36E-05	1.86E-03	1.72E-04	2.22E-03
1435	NG_131	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.757	6.39E-03	1.34E-02	1.84E-01	9.67E-03	3.49E-06	1.37E-02	2.05E-03	6.40E-04	1.25E-11	3.33E-04	8.92E-07	6.39E-07	9.75E-06	6.09E-06	3.63E-05	5.76E-07	1.31E-05	1.79E-03	1.66E-04	2.14E-03
1436	NG_132	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.757	6.16E-03	1.29E-02	1.78E-01	9.32E-03	3.36E-06	1.33E-02	1.98E-03	6.18E-04	1.21E-11	3.21E-04	8.60E-07	6.16E-07	9.41E-06	5.88E-06	3.51E-05	5.56E-07	1.26E-05	1.73E-03	1.60E-04	2.06E-03
1437	NG_133	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.757	5.94E-03	1.25E-02	1.71E-01	8.96E-03	3.24E-06	1.29E-02	1.91E-03	5.95E-04	1.16E-11	3.10E-04	8.28E-07	5.93E-07	9.07E-06	5.66E-06	3.38E-05	5.36E-07	1.22E-05	1.67E-03	1.54E-04	1.98E-03
1438	NG_134	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.757	5.77E-03	1.21E-02	1.66E-01	8.68E-03	3.14E-06	1.26E-02	1.85E-03	5.78E-04	1.13E-11	3.01E-04	8.04E-07	5.75E-07	8.80E-06	5.50E-06	3.28E-05	5.20E-07	1.18E-05	1.62E-03	1.50E-04	1.93E-03
1439	NG_135	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.757	5.60E-03	1.18E-02	1.62E-01	8.41E-03	3.06E-06	1.23E-02	1.80E-03	5.62E-04	1.10E-11	2.92E-04	7.81E-07	5.58E-07	8.55E-06	5.34E-06	3.19E-05	5.06E-07	1.15E-05	1.57E-03	1.45E-04	1.87E-03
1440	NG_136	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.757	5.47E-03	1.15E-02	1.58E-01	8.19E-03	2.98E-06	1.20E-02	1.76E-03	5.49E-04	1.07E-11	2.85E-04	7.62E-07	5.43E-07	8.35E-06	5.21E-06	3.11E-05	4.93E-07	1.12E-05	1.53E-03	1.42E-04	1.83E-03
1441	NG_137	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.757	5.29E-03	1.11E-02	1.53E-01	7.90E-03	2.88E-06	1.16E-02	1.70E-03	5.30E-04	1.04E-11	2.76E-04	7.35E-07	5.23E-07	8.07E-06	5.04E-06	3.01E-05	4.77E-07	1.09E-05	1.48E-03	1.37E-04	1.77E-03
1442	NG_138	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.757	5.15E-03	1.08E-02	1.49E-01	7.68E-03	2.80E-06	1.13E-02	1.65E-03	5.16E-04	1.01E-11	2.68E-04	7.15E-07	5.07E-07	7.86E-06	4.90E-06	2.93E-05	4.64E-07	1.06E-05	1.44E-03	1.34E-04	1.72E-03
1443	NG_139	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.757	5.08E-03	1.07E-02	1.47E-01	7.56E-03	2.77E-06	1.12E-02	1.63E-03	5.10E-04	9.97E-12	2.65E-04	7.04E-07	4.98E-07	7.76E-06	4.83E-06	2.89E-05	4.58E-07	1.04E-05	1.43E-03	1.32E-04	1.70E-03
1444	NG_140	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.757	5.12E-03	1.08E-02	1.48E-01	7.58E-03	2.78E-06	1.12E-02	1.64E-03	5.13E-04	1.00E-11	2.67E-04	7.08E-07	4.98E-07	7.81E-06	4.86E-06	2.91E-05	4.61E-07	1.05E-05	1.44E-03	1.33E-04	1.71E-03
1445	NG_141	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.757	5.23E-03	1.10E-02	1.51E-01	7.71E-03	2.84E-06	1.14E-02	1.68E-03	5.25E-04	1.03E-11	2.73E-04	7.22E-07	5.07E-07	7.98E-06	4.97E-06	2.98E-05	4.71E-07	1.07E-05	1.47E-03	1.36E-04	1.75E-03
1446	NG_142	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.757	5.50E-03	1.16E-02	1.59E-01	8.05E-03	2.99E-06	1.18E-02	1.77E-03	5.52E-04	1.08E-11	2.87E-04	7.58E-07	5.31E-07	8.39E-06	5.22E-06	3.13E-05	4.95E-07	1.13E-05	1.54E-03	1.43E-04	1.84E-03

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 1 GRID MAX

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.124**	**0.260**	**3.550**	**0.199**	**6.74E-05**	**0.358**	**0.040**	**0.012**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**0.035**	**0.003**	**0.041**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837
Coordinates of Maximum Offsite Concentration/ Deposition Rate						X	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464
						Y	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607
1447	NG_143	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.757	6.03E-03	1.27E-02	1.74E-01	8.77E-03	3.27E-06	1.28E-02	1.94E-03	6.05E-04	1.18E-11	3.14E-04	8.30E-07	5.79E-07	9.20E-06	5.72E-06	3.43E-05	5.43E-07	1.24E-05	1.69E-03	1.57E-04	2.02E-03
1448	NG_144	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.757	6.74E-03	1.42E-02	1.94E-01	9.77E-03	3.66E-06	1.41E-02	2.17E-03	6.76E-04	1.32E-11	3.51E-04	9.27E-07	6.46E-07	1.03E-05	6.39E-06	3.84E-05	6.07E-07	1.39E-05	1.89E-03	1.75E-04	2.25E-03
1449	NG_145	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.757	7.53E-03	1.58E-02	2.17E-01	1.09E-02	4.08E-06	1.56E-02	2.42E-03	7.55E-04	1.48E-11	3.92E-04	1.03E-06	7.19E-07	1.15E-05	7.14E-06	4.28E-05	6.77E-07	1.55E-05	2.11E-03	1.95E-04	2.52E-03
1450	NG_146	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.757	8.33E-03	1.75E-02	2.40E-01	1.21E-02	4.51E-06	1.70E-02	2.68E-03	8.35E-04	1.63E-11	4.34E-04	1.14E-06	7.94E-07	1.27E-05	7.89E-06	4.74E-05	7.49E-07	1.71E-05	2.34E-03	2.16E-04	2.78E-03
1451	NG_147	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.757	9.18E-03	1.93E-02	2.64E-01	1.34E-02	4.97E-06	1.86E-02	2.95E-03	9.21E-04	1.80E-11	4.78E-04	1.26E-06	8.73E-07	1.40E-05	8.70E-06	5.22E-05	8.26E-07	1.89E-05	2.57E-03	2.38E-04	3.07E-03
1452	NG_148	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.757	1.01E-02	2.11E-02	2.89E-01	1.47E-02	5.45E-06	2.01E-02	3.23E-03	1.01E-03	1.97E-11	5.23E-04	1.38E-06	9.54E-07	1.53E-05	9.52E-06	5.72E-05	9.04E-07	2.07E-05	2.82E-03	2.61E-04	3.36E-03
1453	NG_149	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.757	1.10E-02	2.31E-02	3.16E-01	1.61E-02	5.94E-06	2.17E-02	3.53E-03	1.10E-03	2.15E-11	5.71E-04	1.50E-06	1.04E-06	1.67E-05	1.04E-05	6.24E-05	9.87E-07	2.26E-05	3.08E-03	2.85E-04	3.67E-03
1454	NG_150	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.757	1.19E-02	2.51E-02	3.44E-01	1.76E-02	6.47E-06	2.32E-02	3.84E-03	1.20E-03	2.34E-11	6.22E-04	1.64E-06	1.13E-06	1.82E-05	1.13E-05	6.79E-05	1.07E-06	2.46E-05	3.35E-03	3.10E-04	3.99E-03
1455	NG_151	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.757	1.30E-02	2.74E-02	3.75E-01	1.92E-02	7.06E-06	2.48E-02	4.19E-03	1.31E-03	2.56E-11	6.79E-04	1.79E-06	1.23E-06	1.99E-05	1.23E-05	7.42E-05	1.17E-06	2.68E-05	3.66E-03	3.39E-04	4.36E-03
1456	NG_152	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.757	1.43E-02	3.01E-02	4.12E-01	2.10E-02	7.76E-06	2.67E-02	4.60E-03	1.44E-03	2.81E-11	7.46E-04	1.96E-06	1.36E-06	2.18E-05	1.36E-05	8.15E-05	1.29E-06	2.95E-05	4.02E-03	3.72E-04	4.79E-03
1457	NG_153	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.757	1.58E-02	3.31E-02	4.54E-01	2.30E-02	8.54E-06	2.87E-02	5.07E-03	1.58E-03	3.10E-11	8.21E-04	2.16E-06	1.50E-06	2.41E-05	1.49E-05	8.98E-05	1.42E-06	3.24E-05	4.43E-03	4.10E-04	5.27E-03
1458	NG_154	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.757	1.73E-02	3.63E-02	4.97E-01	2.51E-02	9.35E-06	3.08E-02	5.55E-03	1.73E-03	3.39E-11	8.99E-04	2.37E-06	1.64E-06	2.63E-05	1.64E-05	9.82E-05	1.55E-06	3.55E-05	4.84E-03	4.48E-04	5.77E-03
1459	NG_155	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.757	1.89E-02	3.97E-02	5.45E-01	2.74E-02	1.02E-05	3.31E-02	6.08E-03	1.90E-03	3.71E-11	9.85E-04	2.59E-06	1.80E-06	2.89E-05	1.79E-05	1.08E-04	1.70E-06	3.89E-05	5.31E-03	4.91E-04	6.32E-03
1460	NG_156	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.757	2.05E-02	4.30E-02	5.90E-01	2.96E-02	1.11E-05	3.54E-02	6.58E-03	2.06E-03	4.02E-11	1.07E-03	2.81E-06	1.95E-06	3.12E-05	1.94E-05	1.17E-04	1.84E-06	4.21E-05	5.75E-03	5.32E-04	6.85E-03
1461	NG_157	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.757	2.18E-02	4.58E-02	6.28E-01	3.15E-02	1.18E-05	3.73E-02	7.00E-03	2.19E-03	4.28E-11	1.13E-03	2.99E-06	2.07E-06	3.32E-05	2.07E-05	1.24E-04	1.96E-06	4.48E-05	6.11E-03	5.66E-04	7.29E-03
1462	NG_158	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.757	2.28E-02	4.78E-02	6.56E-01	3.29E-02	1.23E-05	3.86E-02	7.32E-03	2.28E-03	4.47E-11	1.19E-03	3.12E-06	2.17E-06	3.47E-05	2.16E-05	1.30E-04	2.05E-06	4.68E-05	6.39E-03	5.91E-04	7.61E-03
1463	NG_159	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.757	2.34E-02	4.92E-02	6.75E-01	3.40E-02	1.27E-05	3.95E-02	7.53E-03	2.35E-03	4.60E-11	1.22E-03	3.22E-06	2.23E-06	3.57E-05	2.22E-05	1.33E-04	2.11E-06	4.82E-05	6.57E-03	6.08E-04	7.83E-03
1464	NG_160	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.757	2.36E-02	4.96E-02	6.80E-01	3.43E-02	1.28E-05	3.96E-02	7.59E-03	2.37E-03	4.63E-11	1.23E-03	3.24E-06	2.25E-06	3.60E-05	2.24E-05	1.34E-04	2.12E-06	4.85E-05	6.62E-03	6.13E-04	7.89E-03
1465	NG_161	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.757	2.36E-02	4.96E-02	6.80E-01	3.43E-02	1.28E-05	3.95E-02	7.58E-03	2.37E-03	4.63E-11	1.23E-03	3.24E-06	2.25E-06	3.60E-05	2.24E-05	1.34E-04	2.12E-06	4.85E-05	6.62E-03	6.13E-04	7.89E-03
1466	NG_162	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.757	2.34E-02	4.91E-02	6.74E-01	3.41E-02	1.27E-05	3.90E-02	7.52E-03	2.35E-03	4.59E-11	1.22E-03	3.21E-06	2.23E-06	3.57E-05	2.22E-05	1.33E-04	2.10E-06	4.81E-05	6.56E-03	6.07E-04	7.82E-03
1467	NG_163	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.757	2.27E-02	4.76E-02	6.53E-01	3.32E-02	1.23E-05	3.77E-02	7.28E-03	2.27E-03	4.45E-11	1.18E-03	3.11E-06	2.16E-06	3.46E-05	2.15E-05	1.29E-04	2.04E-06	4.66E-05	6.36E-03	5.89E-04	7.58E-03
1468	NG_164	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.757	2.18E-02	4.58E-02	6.29E-01	3.20E-02	1.18E-05	3.62E-02	7.01E-03	2.19E-03	4.28E-11	1.14E-03	2.99E-06	2.08E-06	3.33E-05	2.07E-05	1.24E-04	1.96E-06	4.48E-05	6.12E-03	5.66E-04	7.29E-03
1469	NG_165	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.807	8.17E-03	1.72E-02	2.36E-01	1.23E-02	4.46E-06	1.65E-02	2.63E-03	8.19E-04	1.60E-11	4.26E-04	1.14E-06	8.20E-07	1.25E-05	7.79E-06	4.65E-05	7.37E-07	1.68E-05	2.29E-03	2.12E-04	2.73E-03
1470	NG_166	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.807	8.17E-03	1.72E-02	2.36E-01	1.23E-02	4.46E-06	1.67E-02	2.62E-03	8.19E-04	1.60E-11	4.26E-04	1.14E-06	8.20E-07	1.25E-05	7.79E-06	4.64E-05	7.37E-07	1.67E-05	2.29E-03	2.12E-04	2.73E-03
1471	NG_167	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.807	8.12E-03	1.71E-02	2.34E-01	1.22E-02	4.43E-06	1.68E-02	2.61E-03	8.14E-04	1.59E-11	4.23E-04	1.13E-06	8.15E-07	1.24E-05	7.74E-06	4.62E-05	7.33E-07	1.66E-05	2.28E-03	2.11E-04	2.71E-03
1472	NG_168	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.807	8.05E-03	1.69E-02	2.32E-01	1.21E-02	4.39E-06	1.68E-02	2.59E-03	8.07E-04	1.58E-11	4.20E-04	1.12E-06	8.08E-07	1.23E-05	7.68E-06	4.58E-05	7.26E-07	1.65E-05	2.26E-03	2.09E-04	2.69E-03
1473	NG_169	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.807	7.90E-03	1.66E-02	2.28E-01	1.19E-02	4.31E-06	1.67E-02	2.54E-03	7.91E-04	1.55E-11	4.12E-04	1.10E-06	7.92E-07	1.21E-05	7.53E-06	4.49E-05	7.13E-07	1.62E-05	2.21E-03	2.05E-04	2.64E-03
1474	NG_170	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.807	7.68E-03	1.61E-02	2.21E-01	1.16E-02	4.19E-06	1.64E-02	2.47E-03	7.70E-04	1.51E-11	4.01E-04	1.07E-06	7.70E-07	1.17E-05	7.33E-06	4.37E-05	6.93E-07	1.58E-05	2.15E-03	1.99E-04	2.57E-03
1475	NG_171	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.807	7.45E-03	1.57E-02	2.15E-01	1.13E-02	4.07E-06	1.60E-02	2.39E-03	7.47E-04	1.46E-11	3.88E-04	1.04E-06	7.46E-07	1.14E-05	7.10E-06	4.24E-05	6.72E-07	1.53E-05	2.09E-03	1.93E-04	2.49E-03
1476	NG_172	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.807	7.26E-03	1.52E-02	2.09E-01	1.10E-02	3.96E-06	1.58E-02	2.33E-03	7.28E-04	1.42E-11	3.78E-04	1.01E-06	7.27E-07	1.11E-05	6.92E-06	4.13E-05	6.55E-07	1.49E-05	2.04E-03	1.88E-04	2.43E-03
1477	NG_173	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.807	7.00E-03	1.47E-02	2.02E-01	1.06E-02	3.82E-06	1.53E-02	2.25E-03	7.02E-04	1.37E-11	3.65E-04	9.77E-07	7.00E-07	1.07E-05	6.68E-06	3.98E-05	6.32E-07	1.44E-05	1.96E-03	1.82E-04	2.34E-03
1478	NG_174	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.807	6.77E-03	1.42E-02	1.95E-01	1.02E-02	3.69E-06	1.49E-02	2.17E-03	6.78E-04	1.33E-11	3.53E-04	9.44E-07	6.76E-07	1.03E-05	6.45E-06	3.85E-05	6.11E-07	1.39E-05	1.90E-03	1.76E-04	2.26E-03
1479	NG_175	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.807	6.52E-03	1.37E-02	1.88E-01	9.84E-03	3.56E-06	1.44E-02	2.10E-03	6.54E-04	1.28E-11	3.40E-04	9.09E-07	6.51E-07	9.95E-06	6.22E-06	3.71E-05	5.88E-07	1.34E-05	1.83E-03	1.69E-04	2.18E-03
1480	NG_176	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.807	6.38E-03	1.34E-02	1.84E-01	9.59E-03	3.48E-06	1.42E-02	2.05E-03	6.39E-04	1.25E-11	3.32E-04	8.88E-07	6.35E-07	9.73E-06	6.07E-06	3.63E-05	5.75E-07	1.31E-05	1.79E-03	1.65E-04	2.13E-03
1481	NG_177	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.807	6.18E-03	1.30E-02	1.78E-01	9.26E-03	3.37E-06	1.38E-02	1.99E-03	6.20E-04	1.21E-11	3.22E-04	8.60E-07	6.14E-07	9.43E-06	5.89E-06	3.51E-05	5.57E-07	1.27E-05	1.73E-03	1.60E-04	2.07E-03
1482	NG_178	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.807	6.00E-03	1.26E-02	1.73E-01	8.96E-03	3.27E-06	1.34E-02	1.93E-03	6.01E-04	1.18E-11	3.13E-04	8.34E-07	5.94E-07	9.15E-06	5.71E-06	3.41E-05	5.41E-07	1.23E-05	1.68E-03	1.56E-04	2.00E-03
1483	NG_179	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.807	5.80E-03	1.22E-02	1.67E-01	8.64E-03	3.16E-06	1.29E-02	1.86E-03	5.81E-04	1.14E-11	3.02E-04	8.05E-07	5.71E-07	8.85E-06	5.52E-06	3.30E-05	5.23E-07	1.19E-05	1.63E-03	1.50E-04	1.94E-03
1484	NG_180	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.807	5.71E-03	1.20E-02	1.65E-01	8.49E-03	3.11E-06	1.27E-02	1.83E-03	5.72E-04	1.12E-11	2.98E-04	7.91E-07	5.60E-07	8.71E-06	5.43E-06	3.25E-05	5.14E-07	1.17E-05	1.60E-03	1.48E-04	1.91E-03
1485	NG_181	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.807	5.70E-03	1.20E-02	1.64E-01	8.44E-03	3.10E-06	1.27E-02	1.83E-03	5.72E-04	1.12E-11	2.97E-04	7.89E-07	5.56E-07	8.70E-06	5.42E-06	3.24E-05	5.14E-07	1.17E-05	1.60E-03	1.48E-04	1.91E-03
1486	NG_182	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.807	5.85E-03	1.23E-02	1.69E-01	8.61E-03	3.18E-06	1.29E-02	1.88E-03	5.87E-04	1.15E-11	3.05E-04	8.08E-07	5.67E-07	8.93E-06	5.56E-06	3.33E-05	5.27E-07	1.20E-05	1.64E-03	1.52E-04	1.96E-03
1487	NG_183	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.807	6.18E-03	1.30E-02	1.78E-01	9.04E-03	3.35E-06	1.35E-02	1.99E-03	6.20E-04	1.21E-11	3.22E-04	8.51E-07	5.96E-07	9.43E-06	5.86E-06	3.51E-05	5.56E-07	1.27E-05	1.73E-03	1.60E-04	2.07E-03
1488	NG_184	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.807	6.76E-03	1.42E-02	1.95E-01	9.83E-03	3.67E-06	1.45E-02	2.17E-03	6.78E-04	1.33E-11	3.52E-04	9.30E-07	6.49E-07	1.03E-05	6.41E-06	3.85E-05	6.08E-07	1.39E-05	1.90E-03	1.75E-04	2.26E-03
1489	NG_185	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.807	7.58E-03	1.59E-02	2.18E-01	1.10E-02	4.11E-06	1.61E-02	2.43E-03	7.60E-04	1.49E-11	3.94E-04	1.04E-06	7.25E-07	1.16E-05	7.18E-06	4.31E-05	6.82E-07	1.56E-05	2.12E-03	1.97E-04	2.53E-03
1490	NG_186	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.807	8.54E-03	1.79E-02	2.46E-01	1.24E-02	4.63E-06	1.79E-02	2.74E-03	8.57E-04	1.68E-11	4.45E-04	1.17E-06	8.16E-07	1.30E-05	8.10E-06	4.86E-05	7.68E-07	1.76E-05	2.40E-03	2.22E-04	2.86E-03
1491	NG_187	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.807	9.49E-03	1.99E-02	2.73E-01	1.38E-02	5.14E-06	1.97E-02	3.05E-03	9.51E-04	1.86E-11	4.94E-04	1.30E-06	9.04E-07	1.45E-05	8.99E-06	5.40E-05	8.53E-07	1.95E-05	2.66E-03	2.46E-04	3.17E-03
1492	NG_188	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.807	1.03E-02	2.17E-02	2.98E-01	1.51E-02	5.60E-06	2.12E-02	3.32E-03	1.04E-03	2.03E-11	5.38E-04	1.42E-06	9.83E-07	1.58E-05	9.80E-06	5.88E-05	9.30E-07	2.13E-05	2.90E-03	2.69E-04	3.46E-03
1493	NG_189	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.807	1.13E-02	2.38E-02	3.25E-01	1.66E-02	6.13E-06	2.29E-02	3.63E-03	1.13E-03	2.22E-11	5.89E-04	1.55E-06	1.07E-06	1.72E-05	1.07E-05	6.43E-05	1.02E-06	2.32E-05	3.17E-03	2.94E-04	3.78E-03
1494	NG_190	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.807	1.24E-02	2.61E-02	3.57E-01	1.83E-02	6.72E-06	2.47E-02	3.99E-03	1.25E-03	2.44E-11	6.46E-04	1.70E-06	1.18E-06	1.89E-05	1.18E-05	7.06E-05	1.12E-06	2.55E-05	3.48E-03	3.22E-04	4.15E-03
1495	NG_191	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.807	1.37E-02	2.89E-02	3.95E-01	2.02E-02	7.44E-06	2.69E-02	4.42E-03	1.38E-03	2.70E-11	7.15E-04	1.88E-06	1.30E-06	2.10E-05	1.30E-05	7.82E-05	1.24E-06	2.83E-05	3.85E-03	3.57E-04	4.59E-03
1496	NG_192	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.807	1.51E-02	3.18E-02	4.35E-01	2.22E-02	8.19E-06	2.89E-02	4.86E-03	1.52E-03	2.97E-11	7.87E-04	2.07E-06	1.43E-06	2.31E-05	1.43E-05	8.60E-05	1.36E-06	3.11E-05	4.24E-03	3.93E-04	5.05E-03
1497	NG_193	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.807	1.67E-02	3.51E-02	4.81E-01	2.44E-02	9.04E-06	3.11E-02	5.36E-03	1.67E-03	3.28E-11	8.69E-04	2.29E-06	1.58E-06	2.55E-05	1.58E-05	9.50E-05	1.50E-06	3.43E-05	4.68E-03	4.33E-04	5.58E-03
1498	NG_194	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.807	1.84E-02	3.86E-02	5.29E-01	2.67E-02	9.96E-06	3.35E-02	5.91E-03	1.84E-03	3.61E-11	9.57E-04	2.52E-06	1.74E-06	2.80E-05	1.74E-05	1.05E-04	1.65E-06	3.78E-05	5.16E-03	4.77E-04	6.15E-03
1499	NG_195	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.807	2.02E-02	4.24E-02	5.81E-01	2.92E-02	1.09E-05	3.60E-02	6.48E-03	2.02E-03	3.96E-11	1.05E-03	2.77E-06	1.92E-06	3.08E-05	1.91E-05	1.15E-04	1.81E-06	4.15E-05	5.66E-03	5.24E-04	6.74E-03
1500	NG_196	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.807	2.20E-02	4.62E-02	6.34E-01	3.18E-02	1.19E-05	3.87E-02	7.07E-03	2.21E-03	4.32E-11	1.15E-03	3.02E-06	2.09E-06	3.36E-05	2.09E-05	1.25E-04	1.98E-06	4.53E-05	6.17E-03	5.71E-04	7.36E-03
1501	NG_197	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.807	2.36E-02	4.96E-02	6.81E-01	3.41E-02	1.28E-05	4.12E-02	7.59E-03	2.37E-03	4.64E-11	1.23E-03	3.24E-06	2.25E-06	3.60E-05	2.24E-05	1.34E-04	2.13E-06	4.86E-05	6.63E-03	6.14E-04	7.90E-03
1502	NG_198	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.807	2.49E-02	5.22E-02	7.16E-01	3.60E-02	1.35E-05	4.30E-02	7.99E-03	2.49E-03	4.88E-11	1.29E-03	3.41E-06	2.37E-06	3.79E-05	2.36E-05	1.41E-04	2.24E-06	5.11E-05	6.98E-03	6.46E-04	8.31E-03
1503	NG_199	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.807	2.58E-02	5.41E-02	7.41E-01	3.73E-02	1.40E-05	4.42E-02	8.27E-03	2.58E-03	5.05E-11	1.34E-03	3.53E-06	2.45E-06	3.93E-05	2.44E-05	1.46E-04	2.32E-06	5.29E-05	7.22E-03	6.68E-04	8.61E-03
1504	NG_200	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.807	2.62E-02	5.51E-02	7.56E-01	3.81E-02	1.42E-05	4.49E-02	8.43E-03	2.63E-03	5.15E-11	1.37E-03	3.60E-06	2.50E-06	4.00E-05	2.49E-05	1.49E-04	2.36E-06	5.39E-05	7.36E-03	6.81E-04	8.77E-03
1505	NG_201	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.807	2.64E-02	5.54E-02	7.60E-01	3.85E-02	1.43E-05	4.51E-02	8.48E-03	2.65E-03	5.18E-11	1.37E-03	3.62E-06	2.51E-06	4.02E-05	2.50E-05	1.50E-04	2.37E-06	5.42E-05	7.40E-03	6.85E-04	8.82E-03
1506	NG_202	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.807	2.61E-02	5.47E-02	7.51E-01	3.81E-02	1.41E-05	4.44E-02	8.37E-03	2.61E-03	5.11E-11	1.36E-03	3.58E-06	2.48E-06	3.97E-05	2.47E-05	1.48E-04	2.34E-06	5.36E-05	7.31E-03	6.77E-04	8.71E-03
1507	NG_203	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.807	2.54E-02	5.32E-02	7.30E-01	3.72E-02	1.37E-05	4.30E-02	8.15E-03	2.54E-03	4.97E-11	1.32E-03	3.48E-06	2.42E-06	3.87E-05	2.40E-05	1.44E-04	2.28E-06	5.21E-05	7.11E-03	6.58E-04	8.47E-03
1508	NG_204	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.807	2.43E-02	5.11E-02	7.00E-01	3.57E-02	1.32E-05	4.11E-02	7.81E-03	2.44E-03	4.77E-11	1.27E-03	3.34E-06	2.32E-06	3.71E-05	2.30E-05	1.38E-04	2.19E-06	5.00E-05	6.82E-03	6.31E-04	8.13E-03
1509	NG_205	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.807	2.33E-02	4.88E-02	6.70E-01	3.42E-02	1.26E-05	3.92E-02	7.47E-03	2.33E-03	4.56E-11	1.21E-03	3.19E-06	2.22E-06	3.55E-05	2.20E-05	1.32E-04	2.09E-06	4.78E-05	6.52E-03	6.04E-04	7.77E-03
1510	NG_206	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.857	8.63E-03	1.81E-02	2.49E-01	1.29E-02	4.71E-06	1.74E-02	2.77E-03	8.65E-04	1.69E-11	4.50E-04	1.21E-06	8.65E-07	1.32E-05	8.23E-06	4.91E-05	7.79E-07	1.77E-05	2.42E-03	2.24E-04	2.88E-03
1511	NG_207	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.857	8.73E-03	1.83E-02	2.52E-01	1.31E-02	4.76E-06	1.78E-02	2.80E-03	8.75E-04	1.71E-11	4.55E-04	1.22E-06	8.75E-07	1.33E-05	8.32E-06	4.96E-05	7.88E-07	1.79E-05	2.45E-03	2.26E-04	2.92E-03
1512	NG_208	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.857	8.82E-03	1.85E-02	2.54E-01	1.32E-02	4.81E-06	1.82E-02	2.83E-03	8.84E-04	1.73E-11	4.60E-04	1.23E-06	8.85E-07	1.35E-05	8.41E-06	5.02E-05	7.96E-07	1.81E-05	2.47E-03	2.29E-04	2.95E-03
1513	NG_209	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6366.857	8.88E-03	1.87E-02	2.56E-01	1.33E-02	4.85E-06	1.86E-02	2.85E-03	8.90E-04	1.74E-11	4.63E-04	1.24E-06	8.91E-07	1.36E-05	8.47E-06	5.05E-05	8.01E-07	1.82E-05	2.49E-03	2.30E-04	2.97E-03
1514	NG_210	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.857	8.80E-03	1.85E-02	2.54E-01	1.32E-02	4.80E-06	1.86E-02	2.83E-03	8.82E-04	1.73E-11	4.59E-04	1.23E-06	8.82E-07	1.34E-05	8.39E-06	5.00E-05	7.94E-07	1.80E-05	2.47E-03	2.28E-04	2.94E-03
1515	NG_211	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.857	8.59E-03	1.80E-02	2.48E-01	1.29E-02	4.69E-06	1.83E-02	2.76E-03	8.61E-04	1.69E-11	4.48E-04	1.20E-06	8.61E-07	1.31E-05	8.19E-06	4.89E-05	7.75E-07	1.76E-05	2.41E-03	2.23E-04	2.87E-03
1516	NG_212	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.857	8.42E-03	1.77E-02	2.43E-01	1.27E-02	4.59E-06	1.82E-02	2.70E-03	8.43E-04	1.65E-11	4.39E-04	1.18E-06	8.43E-07	1.28E-05	8.02E-06	4.79E-05	7.59E-07	1.73E-05	2.36E-03	2.18E-04	2.81E-03
1517	NG_213	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.857	8.28E-03	1.74E-02	2.39E-01	1.26E-02	4.52E-06	1.82E-02	2.66E-03	8.30E-04	1.62E-11	4.32E-04	1.16E-06	8.29E-07	1.26E-05	7.90E-06	4.71E-05	7.47E-07	1.70E-05	2.32E-03	2.15E-04	2.77E-03
1518	NG_214	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.857	8.06E-03	1.69E-02	2.32E-01	1.22E-02	4.40E-06	1.78E-02	2.59E-03	8.07E-04	1.58E-11	4.20E-04	1.12E-06	8.06E-07	1.23E-05	7.68E-06	4.58E-05	7.27E-07	1.65E-05	2.26E-03	2.09E-04	2.69E-03
1519	NG_215	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.857	7.74E-03	1.63E-02	2.23E-01	1.17E-02	4.22E-06	1.72E-02	2.49E-03	7.76E-04	1.52E-11	4.03E-04	1.08E-06	7.73E-07	1.18E-05	7.38E-06	4.40E-05	6.98E-07	1.59E-05	2.17E-03	2.01E-04	2.59E-03
1520	NG_216	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.857	7.46E-03	1.57E-02	2.15E-01	1.13E-02	4.07E-06	1.67E-02	2.40E-03	7.48E-04	1.46E-11	3.89E-04	1.04E-06	7.45E-07	1.14E-05	7.11E-06	4.24E-05	6.73E-07	1.53E-05	2.09E-03	1.93E-04	2.49E-03
1521	NG_217	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.857	7.22E-03	1.52E-02	2.08E-01	1.09E-02	3.93E-06	1.62E-02	2.32E-03	7.23E-04	1.42E-11	3.76E-04	1.01E-06	7.19E-07	1.10E-05	6.88E-06	4.10E-05	6.51E-07	1.48E-05	2.02E-03	1.87E-04	2.41E-03
1522	NG_218	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6366.857	7.01E-03	1.47E-02	2.02E-01	1.05E-02	3.82E-06	1.58E-02	2.25E-03	7.02E-04	1.37E-11	3.65E-04	9.76E-07	6.97E-07	1.07E-05	6.68E-06	3.99E-05	6.32E-07	1.44E-05	1.97E-03	1.82E-04	2.34E-03
1523	NG_219	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.857	6.77E-03	1.42E-02	1.95E-01	1.01E-02	3.69E-06	1.53E-02	2.18E-03	6.79E-04	1.33E-11	3.53E-04	9.42E-07	6.71E-07	1.03E-05	6.45E-06	3.85E-05	6.11E-07	1.39E-05	1.90E-03	1.76E-04	2.26E-03
1524	NG_220	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.857	6.55E-03	1.38E-02	1.89E-01	9.76E-03	3.56E-06	1.48E-02	2.10E-03	6.56E-04	1.28E-11	3.41E-04	9.09E-07	6.46E-07	9.99E-06	6.23E-06	3.72E-05	5.90E-07	1.34E-05	1.84E-03	1.70E-04	2.19E-03
1525	NG_221	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.857	6.42E-03	1.35E-02	1.85E-01	9.54E-03	3.49E-06	1.45E-02	2.06E-03	6.43E-04	1.26E-11	3.34E-04	8.89E-07	6.29E-07	9.79E-06	6.10E-06	3.65E-05	5.78E-07	1.32E-05	1.80E-03	1.66E-04	2.14E-03
1526	NG_222	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.857	6.44E-03	1.35E-02	1.85E-01	9.54E-03	3.50E-06	1.45E-02	2.07E-03	6.46E-04	1.26E-11	3.35E-04	8.91E-07	6.28E-07	9.82E-06	6.12E-06	3.66E-05	5.80E-07	1.32E-05	1.81E-03	1.67E-04	2.15E-03
1527	NG_223	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.857	6.57E-03	1.38E-02	1.89E-01	9.68E-03	3.57E-06	1.47E-02	2.11E-03	6.59E-04	1.29E-11	3.42E-04	9.08E-07	6.37E-07	1.00E-05	6.24E-06	3.74E-05	5.92E-07	1.35E-05	1.84E-03	1.71E-04	2.20E-03
1528	NG_224	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.857	6.93E-03	1.46E-02	1.99E-01	1.01E-02	3.76E-06	1.53E-02	2.23E-03	6.95E-04	1.36E-11	3.61E-04	9.55E-07	6.68E-07	1.06E-05	6.57E-06	3.94E-05	6.24E-07	1.42E-05	1.94E-03	1.80E-04	2.32E-03
1529	NG_225	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.857	7.63E-03	1.60E-02	2.19E-01	1.11E-02	4.14E-06	1.66E-02	2.45E-03	7.65E-04	1.50E-11	3.97E-04	1.05E-06	7.32E-07	1.16E-05	7.23E-06	4.34E-05	6.86E-07	1.57E-05	2.14E-03	1.98E-04	2.55E-03

AQIA DATA - SCENARIO 1 GRID MAX

Annual Average Pollutant Concentration (µg/m3) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.124**	**0.260**	**3.550**	**0.199**	**6.74E-05**	**0.358**	**0.040**	**0.012**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**0.035**	**0.003**	**0.041**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1530	NG_226	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.857	8.64E-03	1.81E-02	2.48E-01	1.25E-02	4.68E-06	1.86E-02	2.77E-03	8.66E-04	1.69E-11	4.50E-04	1.19E-06	8.26E-07	1.32E-05	8.19E-06	4.91E-05	7.77E-07	1.77E-05	2.42E-03	2.24E-04	2.89E-03
1531	NG_227	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.857	9.83E-03	2.06E-02	2.83E-01	1.43E-02	5.33E-06	2.09E-02	3.16E-03	9.86E-04	1.93E-11	5.12E-04	1.35E-06	9.38E-07	1.50E-05	9.32E-06	5.59E-05	8.84E-07	2.02E-05	2.76E-03	2.55E-04	3.28E-03
1532	NG_228	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.857	1.09E-02	2.29E-02	3.13E-01	1.59E-02	5.90E-06	2.29E-02	3.50E-03	1.09E-03	2.14E-11	5.67E-04	1.49E-06	1.04E-06	1.66E-05	1.03E-05	6.20E-05	9.80E-07	2.24E-05	3.06E-03	2.83E-04	3.64E-03
1533	NG_229	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.857	1.18E-02	2.47E-02	3.39E-01	1.72E-02	6.38E-06	2.44E-02	3.78E-03	1.18E-03	2.31E-11	6.13E-04	1.61E-06	1.12E-06	1.80E-05	1.12E-05	6.70E-05	1.06E-06	2.42E-05	3.30E-03	3.06E-04	3.94E-03
1534	NG_230	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.857	1.28E-02	2.70E-02	3.69E-01	1.88E-02	6.95E-06	2.61E-02	4.12E-03	1.29E-03	2.52E-11	6.68E-04	1.76E-06	1.22E-06	1.96E-05	1.22E-05	7.30E-05	1.15E-06	2.64E-05	3.60E-03	3.33E-04	4.29E-03
1535	NG_231	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.857	1.43E-02	2.99E-02	4.10E-01	2.10E-02	7.72E-06	2.85E-02	4.58E-03	1.43E-03	2.80E-11	7.42E-04	1.95E-06	1.35E-06	2.17E-05	1.35E-05	8.11E-05	1.28E-06	2.93E-05	4.00E-03	3.70E-04	4.76E-03
1536	NG_232	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.857	1.59E-02	3.33E-02	4.56E-01	2.33E-02	8.58E-06	3.11E-02	5.09E-03	1.59E-03	3.11E-11	8.25E-04	2.17E-06	1.50E-06	2.42E-05	1.50E-05	9.02E-05	1.42E-06	3.26E-05	4.44E-03	4.11E-04	5.30E-03
1537	NG_233	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.857	1.76E-02	3.69E-02	5.05E-01	2.57E-02	9.51E-06	3.36E-02	5.64E-03	1.76E-03	3.45E-11	9.14E-04	2.41E-06	1.67E-06	2.68E-05	1.66E-05	9.99E-05	1.58E-06	3.61E-05	4.93E-03	4.56E-04	5.87E-03
1538	NG_234	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.857	1.95E-02	4.09E-02	5.60E-01	2.83E-02	1.06E-05	3.63E-02	6.26E-03	1.95E-03	3.82E-11	1.01E-03	2.67E-06	1.85E-06	2.97E-05	1.84E-05	1.11E-04	1.75E-06	4.00E-05	5.46E-03	5.06E-04	6.51E-03
1539	NG_235	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.857	2.15E-02	4.51E-02	6.18E-01	3.10E-02	1.16E-05	3.90E-02	6.89E-03	2.15E-03	4.21E-11	1.12E-03	2.94E-06	2.04E-06	3.27E-05	2.03E-05	1.22E-04	1.93E-06	4.41E-05	6.02E-03	5.57E-04	7.17E-03
1540	NG_236	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.857	2.35E-02	4.93E-02	6.76E-01	3.39E-02	1.27E-05	4.20E-02	7.55E-03	2.36E-03	4.61E-11	1.22E-03	3.22E-06	2.23E-06	3.58E-05	2.23E-05	1.34E-04	2.11E-06	4.83E-05	6.59E-03	6.10E-04	7.85E-03
1541	NG_237	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.857	2.56E-02	5.38E-02	7.38E-01	3.70E-02	1.39E-05	4.54E-02	8.24E-03	2.57E-03	5.03E-11	1.33E-03	3.52E-06	2.44E-06	3.91E-05	2.43E-05	1.46E-04	2.31E-06	5.27E-05	7.19E-03	6.65E-04	8.57E-03
1542	NG_238	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.857	2.71E-02	5.70E-02	7.81E-01	3.92E-02	1.47E-05	4.77E-02	8.71E-03	2.72E-03	5.32E-11	1.41E-03	3.72E-06	2.58E-06	4.14E-05	2.57E-05	1.54E-04	2.44E-06	5.58E-05	7.61E-03	7.04E-04	9.07E-03
1543	NG_239	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.857	2.81E-02	5.90E-02	8.08E-01	4.07E-02	1.52E-05	4.91E-02	9.02E-03	2.82E-03	5.51E-11	1.46E-03	3.85E-06	2.67E-06	4.28E-05	2.66E-05	1.60E-04	2.53E-06	5.77E-05	7.88E-03	7.29E-04	9.38E-03
1544	NG_240	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.857	2.88E-02	6.06E-02	8.30E-01	4.19E-02	1.56E-05	5.03E-02	9.26E-03	2.89E-03	5.66E-11	1.50E-03	3.96E-06	2.75E-06	4.40E-05	2.73E-05	1.64E-04	2.59E-06	5.93E-05	8.09E-03	7.48E-04	9.64E-03
1545	NG_241	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.857	2.94E-02	6.18E-02	8.47E-01	4.30E-02	1.59E-05	5.14E-02	9.45E-03	2.95E-03	5.77E-11	1.53E-03	4.04E-06	2.80E-06	4.49E-05	2.79E-05	1.67E-04	2.65E-06	6.05E-05	8.25E-03	7.64E-04	9.83E-03
1546	NG_242	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.857	2.92E-02	6.14E-02	8.42E-01	4.29E-02	1.58E-05	5.09E-02	9.39E-03	2.93E-03	5.74E-11	1.52E-03	4.01E-06	2.78E-06	4.46E-05	2.77E-05	1.66E-04	2.63E-06	6.01E-05	8.20E-03	7.59E-04	9.77E-03
1547	NG_243	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.857	2.86E-02	6.01E-02	8.24E-01	4.21E-02	1.55E-05	4.97E-02	9.20E-03	2.87E-03	5.62E-11	1.49E-03	3.93E-06	2.73E-06	4.37E-05	2.71E-05	1.63E-04	2.57E-06	5.88E-05	8.03E-03	7.43E-04	9.57E-03
1548	NG_244	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.857	2.75E-02	5.77E-02	7.92E-01	4.05E-02	1.49E-05	4.75E-02	8.83E-03	2.76E-03	5.39E-11	1.43E-03	3.77E-06	2.62E-06	4.19E-05	2.61E-05	1.56E-04	2.47E-06	5.65E-05	7.71E-03	7.14E-04	9.19E-03
1549	NG_245	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.857	2.57E-02	5.40E-02	7.41E-01	3.79E-02	1.39E-05	4.42E-02	8.27E-03	2.58E-03	5.05E-11	1.34E-03	3.53E-06	2.45E-06	3.92E-05	2.44E-05	1.46E-04	2.31E-06	5.29E-05	7.22E-03	6.68E-04	8.60E-03
1550	NG_246	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.857	2.44E-02	5.12E-02	7.02E-01	3.59E-02	1.32E-05	4.17E-02	7.83E-03	2.44E-03	4.78E-11	1.27E-03	3.34E-06	2.32E-06	3.72E-05	2.31E-05	1.39E-04	2.19E-06	5.01E-05	6.84E-03	6.33E-04	8.15E-03
1551	NG_247	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.907	9.09E-03	1.91E-02	2.62E-01	1.36E-02	4.96E-06	1.84E-02	2.92E-03	9.11E-04	1.78E-11	4.74E-04	1.27E-06	9.10E-07	1.39E-05	8.66E-06	5.17E-05	8.20E-07	1.86E-05	2.55E-03	2.36E-04	3.04E-03
1552	NG_248	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.907	9.32E-03	1.96E-02	2.69E-01	1.39E-02	5.09E-06	1.90E-02	3.00E-03	9.34E-04	1.83E-11	4.86E-04	1.30E-06	9.34E-07	1.42E-05	8.89E-06	5.30E-05	8.41E-07	1.91E-05	2.61E-03	2.42E-04	3.12E-03
1553	NG_249	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6366.907	9.58E-03	2.01E-02	2.76E-01	1.43E-02	5.23E-06	1.98E-02	3.08E-03	9.60E-04	1.88E-11	5.00E-04	1.34E-06	9.60E-07	1.46E-05	9.14E-06	5.45E-05	8.64E-07	1.96E-05	2.69E-03	2.48E-04	3.20E-03
1554	NG_250	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6366.907	9.74E-03	2.04E-02	2.81E-01	1.46E-02	5.31E-06	2.03E-02	3.13E-03	9.76E-04	1.91E-11	5.08E-04	1.36E-06	9.76E-07	1.49E-05	9.28E-06	5.54E-05	8.78E-07	2.00E-05	2.73E-03	2.52E-04	3.25E-03
1555	NG_251	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.907	9.77E-03	2.05E-02	2.82E-01	1.47E-02	5.33E-06	2.07E-02	3.14E-03	9.79E-04	1.92E-11	5.09E-04	1.36E-06	9.79E-07	1.49E-05	9.32E-06	5.56E-05	8.82E-07	2.00E-05	2.74E-03	2.53E-04	3.27E-03
1556	NG_252	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.907	9.63E-03	2.02E-02	2.77E-01	1.45E-02	5.26E-06	2.06E-02	3.10E-03	9.65E-04	1.89E-11	5.02E-04	1.35E-06	9.65E-07	1.47E-05	9.18E-06	5.48E-05	8.69E-07	1.98E-05	2.70E-03	2.50E-04	3.22E-03
1557	NG_253	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.907	9.59E-03	2.01E-02	2.76E-01	1.45E-02	5.23E-06	2.08E-02	3.08E-03	9.61E-04	1.88E-11	5.00E-04	1.34E-06	9.60E-07	1.46E-05	9.14E-06	5.45E-05	8.65E-07	1.97E-05	2.69E-03	2.49E-04	3.20E-03
1558	NG_254	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.907	9.53E-03	2.00E-02	2.75E-01	1.44E-02	5.20E-06	2.10E-02	3.06E-03	9.55E-04	1.87E-11	4.97E-04	1.33E-06	9.54E-07	1.45E-05	9.09E-06	5.42E-05	8.60E-07	1.95E-05	2.67E-03	2.47E-04	3.19E-03
1559	NG_255	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.907	9.31E-03	1.96E-02	2.68E-01	1.41E-02	5.08E-06	2.08E-02	2.99E-03	9.33E-04	1.83E-11	4.86E-04	1.30E-06	9.32E-07	1.42E-05	8.88E-06	5.30E-05	8.40E-07	1.91E-05	2.61E-03	2.42E-04	3.11E-03
1560	NG_256	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.907	8.90E-03	1.87E-02	2.56E-01	1.35E-02	4.85E-06	2.00E-02	2.86E-03	8.92E-04	1.75E-11	4.64E-04	1.24E-06	8.89E-07	1.36E-05	8.48E-06	5.06E-05	8.03E-07	1.82E-05	2.49E-03	2.31E-04	2.97E-03
1561	NG_257	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.907	8.56E-03	1.80E-02	2.46E-01	1.30E-02	4.67E-06	1.94E-02	2.75E-03	8.58E-04	1.68E-11	4.46E-04	1.19E-06	8.54E-07	1.31E-05	8.15E-06	4.87E-05	7.72E-07	1.75E-05	2.40E-03	2.22E-04	2.86E-03
1562	NG_258	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6366.907	8.29E-03	1.74E-02	2.39E-01	1.25E-02	4.52E-06	1.89E-02	2.66E-03	8.30E-04	1.63E-11	4.32E-04	1.16E-06	8.26E-07	1.26E-05	7.90E-06	4.71E-05	7.47E-07	1.70E-05	2.32E-03	2.15E-04	2.77E-03
1563	NG_259	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6366.907	8.00E-03	1.68E-02	2.30E-01	1.21E-02	4.36E-06	1.83E-02	2.57E-03	8.02E-04	1.57E-11	4.17E-04	1.11E-06	7.96E-07	1.22E-05	7.62E-06	4.55E-05	7.22E-07	1.64E-05	2.24E-03	2.08E-04	2.67E-03
1564	NG_260	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.907	7.67E-03	1.61E-02	2.21E-01	1.15E-02	4.18E-06	1.76E-02	2.47E-03	7.69E-04	1.50E-11	4.00E-04	1.07E-06	7.61E-07	1.17E-05	7.31E-06	4.36E-05	6.92E-07	1.57E-05	2.15E-03	1.99E-04	2.56E-03
1565	NG_261	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.907	7.43E-03	1.56E-02	2.14E-01	1.11E-02	4.04E-06	1.70E-02	2.39E-03	7.44E-04	1.46E-11	3.87E-04	1.03E-06	7.33E-07	1.13E-05	7.07E-06	4.22E-05	6.69E-07	1.52E-05	2.08E-03	1.93E-04	2.48E-03
1566	NG_262	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.907	7.31E-03	1.54E-02	2.10E-01	1.09E-02	3.98E-06	1.68E-02	2.35E-03	7.33E-04	1.43E-11	3.81E-04	1.01E-06	7.18E-07	1.12E-05	6.95E-06	4.16E-05	6.59E-07	1.50E-05	2.05E-03	1.90E-04	2.44E-03
1567	NG_263	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.907	7.27E-03	1.53E-02	2.09E-01	1.08E-02	3.95E-06	1.66E-02	2.34E-03	7.29E-04	1.43E-11	3.79E-04	1.01E-06	7.10E-07	1.11E-05	6.91E-06	4.13E-05	6.55E-07	1.49E-05	2.04E-03	1.89E-04	2.43E-03
1568	NG_264	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.907	7.37E-03	1.55E-02	2.12E-01	1.09E-02	4.00E-06	1.67E-02	2.37E-03	7.39E-04	1.45E-11	3.84E-04	1.02E-06	7.15E-07	1.12E-05	7.00E-06	4.19E-05	6.64E-07	1.51E-05	2.07E-03	1.91E-04	2.46E-03
1569	NG_265	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.907	7.75E-03	1.63E-02	2.23E-01	1.13E-02	4.20E-06	1.73E-02	2.49E-03	7.77E-04	1.52E-11	4.03E-04	1.07E-06	7.47E-07	1.18E-05	7.35E-06	4.41E-05	6.97E-07	1.59E-05	2.17E-03	2.01E-04	2.59E-03
1570	NG_266	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.907	8.57E-03	1.80E-02	2.47E-01	1.25E-02	4.65E-06	1.89E-02	2.75E-03	8.59E-04	1.68E-11	4.46E-04	1.18E-06	8.23E-07	1.31E-05	8.13E-06	4.87E-05	7.71E-07	1.76E-05	2.40E-03	2.22E-04	2.86E-03
1571	NG_267	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.907	9.80E-03	2.06E-02	2.82E-01	1.42E-02	5.32E-06	2.14E-02	3.15E-03	9.83E-04	1.92E-11	5.10E-04	1.35E-06	9.38E-07	1.49E-05	9.29E-06	5.58E-05	8.82E-07	2.01E-05	2.75E-03	2.54E-04	3.28E-03
1572	NG_268	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.907	1.13E-02	2.37E-02	3.24E-01	1.64E-02	6.12E-06	2.43E-02	3.63E-03	1.13E-03	2.21E-11	5.87E-04	1.55E-06	1.08E-06	1.72E-05	1.07E-05	6.42E-05	1.02E-06	2.32E-05	3.16E-03	2.93E-04	3.77E-03
1573	NG_269	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.907	1.25E-02	2.63E-02	3.60E-01	1.83E-02	6.79E-06	2.67E-02	4.03E-03	1.26E-03	2.46E-11	6.52E-04	1.72E-06	1.19E-06	1.91E-05	1.19E-05	7.13E-05	1.13E-06	2.58E-05	3.51E-03	3.25E-04	4.19E-03
1574	NG_270	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.907	1.36E-02	2.86E-02	3.91E-01	2.00E-02	7.38E-06	2.85E-02	4.37E-03	1.37E-03	2.67E-11	7.09E-04	1.87E-06	1.29E-06	2.08E-05	1.29E-05	7.74E-05	1.22E-06	2.80E-05	3.82E-03	3.53E-04	4.55E-03
1575	NG_271	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.907	1.49E-02	3.13E-02	4.29E-01	2.19E-02	8.07E-06	3.06E-02	4.79E-03	1.49E-03	2.92E-11	7.76E-04	2.04E-06	1.41E-06	2.27E-05	1.41E-05	8.48E-05	1.34E-06	3.06E-05	4.18E-03	3.87E-04	4.98E-03
1576	NG_272	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.907	1.68E-02	3.53E-02	4.83E-01	2.47E-02	9.09E-06	3.38E-02	5.39E-03	1.68E-03	3.29E-11	8.74E-04	2.30E-06	1.59E-06	2.56E-05	1.59E-05	9.55E-05	1.51E-06	3.45E-05	4.71E-03	4.36E-04	5.61E-03
1577	NG_273	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.907	1.88E-02	3.95E-02	5.40E-01	2.75E-02	1.02E-05	3.68E-02	6.04E-03	1.88E-03	3.69E-11	9.78E-04	2.57E-06	1.78E-06	2.86E-05	1.78E-05	1.07E-04	1.69E-06	3.86E-05	5.27E-03	4.88E-04	6.28E-03
1578	NG_274	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.907	2.08E-02	4.38E-02	5.99E-01	3.03E-02	1.13E-05	3.97E-02	6.69E-03	2.09E-03	4.09E-11	1.08E-03	2.85E-06	1.98E-06	3.18E-05	1.97E-05	1.19E-04	1.87E-06	4.28E-05	5.84E-03	5.41E-04	6.96E-03
1579	NG_275	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.907	2.30E-02	4.84E-02	6.63E-01	3.33E-02	1.25E-05	4.28E-02	7.40E-03	2.31E-03	4.52E-11	1.20E-03	3.16E-06	2.19E-06	3.51E-05	2.18E-05	1.31E-04	2.07E-06	4.74E-05	6.46E-03	5.98E-04	7.70E-03
1580	NG_276	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.907	2.53E-02	5.31E-02	7.28E-01	3.64E-02	1.37E-05	4.61E-02	8.13E-03	2.54E-03	4.96E-11	1.32E-03	3.47E-06	2.40E-06	3.86E-05	2.40E-05	1.44E-04	2.27E-06	5.20E-05	7.09E-03	6.57E-04	8.45E-03
1581	NG_277	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.907	2.77E-02	5.82E-02	7.98E-01	3.99E-02	1.50E-05	4.98E-02	8.91E-03	2.78E-03	5.44E-11	1.44E-03	3.80E-06	2.64E-06	4.23E-05	2.63E-05	1.58E-04	2.49E-06	5.70E-05	7.77E-03	7.20E-04	9.26E-03
1582	NG_278	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.907	2.98E-02	6.27E-02	8.58E-01	4.31E-02	1.62E-05	5.33E-02	9.58E-03	2.99E-03	5.85E-11	1.55E-03	4.09E-06	2.84E-06	4.55E-05	2.83E-05	1.70E-04	2.68E-06	6.13E-05	8.37E-03	7.74E-04	9.97E-03
1583	NG_279	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.907	3.11E-02	6.53E-02	8.95E-01	4.50E-02	1.69E-05	5.53E-02	9.99E-03	3.12E-03	6.10E-11	1.62E-03	4.27E-06	2.96E-06	4.74E-05	2.95E-05	1.77E-04	2.80E-06	6.39E-05	8.72E-03	8.07E-04	1.04E-02
1584	NG_280	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.907	3.14E-02	6.59E-02	9.03E-01	4.56E-02	1.70E-05	5.55E-02	1.01E-02	3.15E-03	6.16E-11	1.63E-03	4.30E-06	2.99E-06	4.78E-05	2.97E-05	1.78E-04	2.82E-06	6.45E-05	8.80E-03	8.15E-04	1.05E-02
1589	NG_285	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.907	2.91E-02	6.12E-02	8.39E-01	4.30E-02	1.58E-05	5.12E-02	9.36E-03	2.92E-03	5.72E-11	1.52E-03	4.00E-06	2.77E-06	4.44E-05	2.76E-05	1.66E-04	2.62E-06	5.99E-05	8.17E-03	7.56E-04	9.74E-03
1590	NG_286	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.907	2.72E-02	5.70E-02	7.82E-01	4.01E-02	1.47E-05	4.74E-02	8.73E-03	2.72E-03	5.33E-11	1.41E-03	3.73E-06	2.59E-06	4.14E-05	2.57E-05	1.54E-04	2.44E-06	5.58E-05	7.62E-03	7.05E-04	9.08E-03
1591	NG_287	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.907	2.52E-02	5.30E-02	7.27E-01	3.73E-02	1.37E-05	4.39E-02	8.11E-03	2.53E-03	4.95E-11	1.31E-03	3.46E-06	2.40E-06	3.85E-05	2.39E-05	1.44E-04	2.27E-06	5.19E-05	7.08E-03	6.55E-04	8.43E-03
1592	NG_288	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.957	9.43E-03	1.98E-02	2.72E-01	1.41E-02	5.14E-06	1.91E-02	3.03E-03	9.45E-04	1.85E-11	4.92E-04	1.32E-06	9.44E-07	1.44E-05	8.99E-06	5.36E-05	8.51E-07	1.93E-05	2.64E-03	2.45E-04	3.15E-03
1593	NG_289	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.957	9.87E-03	2.07E-02	2.84E-01	1.47E-02	5.39E-06	2.02E-02	3.17E-03	9.90E-04	1.94E-11	5.15E-04	1.38E-06	9.89E-07	1.51E-05	9.41E-06	5.61E-05	8.91E-07	2.02E-05	2.77E-03	2.56E-04	3.30E-03
1594	NG_290	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6366.957	1.03E-02	2.16E-02	2.96E-01	1.53E-02	5.61E-06	2.13E-02	3.30E-03	1.03E-03	2.02E-11	5.36E-04	1.44E-06	1.03E-06	1.57E-05	9.80E-06	5.84E-05	9.27E-07	2.11E-05	2.88E-03	2.67E-04	3.43E-03
1595	NG_291	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6366.957	1.06E-02	2.22E-02	3.05E-01	1.58E-02	5.77E-06	2.21E-02	3.40E-03	1.06E-03	2.07E-11	5.52E-04	1.48E-06	1.06E-06	1.61E-05	1.01E-05	6.02E-05	9.55E-07	2.17E-05	2.97E-03	2.74E-04	3.54E-03
1596	NG_292	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.957	1.08E-02	2.26E-02	3.10E-01	1.61E-02	5.88E-06	2.28E-02	3.46E-03	1.08E-03	2.11E-11	5.62E-04	1.50E-06	1.08E-06	1.64E-05	1.03E-05	6.13E-05	9.72E-07	2.21E-05	3.02E-03	2.79E-04	3.60E-03
1597	NG_293	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.957	1.09E-02	2.29E-02	3.14E-01	1.64E-02	5.95E-06	2.34E-02	3.50E-03	1.09E-03	2.14E-11	5.68E-04	1.52E-06	1.09E-06	1.66E-05	1.04E-05	6.20E-05	9.83E-07	2.23E-05	3.06E-03	2.83E-04	3.64E-03
1598	NG_294	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.957	1.10E-02	2.30E-02	3.16E-01	1.65E-02	5.98E-06	2.39E-02	3.52E-03	1.10E-03	2.15E-11	5.72E-04	1.53E-06	1.10E-06	1.67E-05	1.05E-05	6.23E-05	9.89E-07	2.25E-05	3.07E-03	2.84E-04	3.66E-03
1599	NG_295	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.957	1.10E-02	2.30E-02	3.16E-01	1.66E-02	5.98E-06	2.43E-02	3.52E-03	1.10E-03	2.15E-11	5.72E-04	1.53E-06	1.10E-06	1.67E-05	1.05E-05	6.24E-05	9.89E-07	2.25E-05	3.07E-03	2.84E-04	3.66E-03
1600	NG_296	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.957	1.08E-02	2.26E-02	3.09E-01	1.63E-02	5.86E-06	2.42E-02	3.45E-03	1.08E-03	2.11E-11	5.60E-04	1.50E-06	1.08E-06	1.64E-05	1.02E-05	6.11E-05	9.70E-07	2.20E-05	3.01E-03	2.79E-04	3.59E-03
1601	NG_297	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.957	1.04E-02	2.18E-02	2.98E-01	1.57E-02	5.65E-06	2.35E-02	3.33E-03	1.04E-03	2.03E-11	5.40E-04	1.45E-06	1.04E-06	1.58E-05	9.87E-06	5.89E-05	9.34E-07	2.12E-05	2.90E-03	2.69E-04	3.46E-03
1602	NG_298	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6366.957	9.97E-03	2.09E-02	2.87E-01	1.52E-02	5.44E-06	2.29E-02	3.20E-03	9.99E-04	1.95E-11	5.20E-04	1.39E-06	9.95E-07	1.52E-05	9.50E-06	5.67E-05	8.99E-07	2.04E-05	2.79E-03	2.58E-04	3.33E-03
1603	NG_299	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6366.957	9.59E-03	2.01E-02	2.76E-01	1.46E-02	5.23E-06	2.22E-02	3.08E-03	9.61E-04	1.88E-11	5.00E-04	1.34E-06	9.56E-07	1.46E-05	9.14E-06	5.45E-05	8.65E-07	1.97E-05	2.69E-03	2.49E-04	3.20E-03
1604	NG_300	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6366.957	9.22E-03	1.94E-02	2.65E-01	1.39E-02	5.02E-06	2.14E-02	2.96E-03	9.24E-04	1.81E-11	4.80E-04	1.28E-06	9.17E-07	1.41E-05	8.78E-06	5.24E-05	8.31E-07	1.89E-05	2.58E-03	2.39E-04	3.08E-03
1605	NG_301	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.957	8.84E-03	1.86E-02	2.54E-01	1.33E-02	4.82E-06	2.06E-02	2.84E-03	8.86E-04	1.73E-11	4.61E-04	1.23E-06	8.77E-07	1.35E-05	8.42E-06	5.03E-05	7.97E-07	1.81E-05	2.48E-03	2.29E-04	2.95E-03
1606	NG_302	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.957	8.52E-03	1.79E-02	2.45E-01	1.27E-02	4.64E-06	1.98E-02	2.74E-03	8.54E-04	1.67E-11	4.44E-04	1.18E-06	8.42E-07	1.30E-05	8.11E-06	4.84E-05	7.68E-07	1.75E-05	2.39E-03	2.21E-04	2.85E-03
1607	NG_303	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.957	8.28E-03	1.74E-02	2.38E-01	1.23E-02	4.51E-06	1.92E-02	2.66E-03	8.30E-04	1.62E-11	4.31E-04	1.15E-06	8.14E-07	1.26E-05	7.87E-06	4.71E-05	7.46E-07	1.70E-05	2.32E-03	2.15E-04	2.77E-03
1608	NG_304	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.957	8.13E-03	1.71E-02	2.34E-01	1.21E-02	4.42E-06	1.88E-02	2.61E-03	8.15E-04	1.59E-11	4.24E-04	1.13E-06	7.95E-07	1.24E-05	7.73E-06	4.62E-05	7.32E-07	1.67E-05	2.28E-03	2.11E-04	2.72E-03
1609	NG_305	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.957	8.17E-03	1.72E-02	2.35E-01	1.20E-02	4.44E-06	1.87E-02	2.62E-03	8.19E-04	1.60E-11	4.26E-04	1.13E-06	7.93E-07	1.25E-05	7.76E-06	4.65E-05	7.36E-07	1.68E-05	2.29E-03	2.12E-04	2.73E-03
1610	NG_306	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.957	8.60E-03	1.81E-02	2.47E-01	1.26E-02	4.67E-06	1.95E-02	2.76E-03	8.63E-04	1.69E-11	4.48E-04	1.19E-06	8.31E-07	1.31E-05	8.17E-06	4.89E-05	7.74E-07	1.77E-05	2.41E-03	2.23E-04	2.88E-03
1611	NG_307	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.957	9.58E-03	2.01E-02	2.75E-01	1.39E-02	5.20E-06	2.14E-02	3.08E-03	9.60E-04	1.88E-11	4.99E-04	1.32E-06	9.20E-07	1.46E-05	9.08E-06	5.45E-05	8.62E-07	1.97E-05	2.69E-03	2.49E-04	3.20E-03
1612	NG_308	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.957	1.10E-02	2.31E-02	3.16E-01	1.60E-02	5.96E-06	2.42E-02	3.53E-03	1.10E-03	2.16E-11	5.73E-04	1.51E-06	1.05E-06	1.68E-05	1.04E-05	6.26E-05	9.89E-07	2.26E-05	3.08E-03	2.85E-04	3.68E-03
1613	NG_309	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.957	1.27E-02	2.66E-02	3.64E-01	1.85E-02	6.87E-06	2.76E-02	4.07E-03	1.27E-03	2.49E-11	6.60E-04	1.74E-06	1.21E-06	1.93E-05	1.20E-05	7.21E-05	1.14E-06	2.61E-05	3.56E-03	3.29E-04	4.24E-03
1614	NG_310	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.957	1.43E-02	3.00E-02	4.10E-01	2.09E-02	7.73E-06	3.07E-02	4.59E-03	1.43E-03	2.80E-11	7.43E-04	1.96E-06	1.36E-06	2.18E-05	1.35E-05	8.12E-05	1.28E-06	2.93E-05	4.00E-03	3.71E-04	4.77E-03
1615	NG_311	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.957	1.59E-02	3.33E-02	4.56E-01	2.33E-02	8.59E-06	3.36E-02	5.10E-03	1.59E-03	3.11E-11	8.26E-04	2.17E-06	1.51E-06	2.42E-05	1.50E-05	9.02E-05	1.43E-06	3.26E-05	4.45E-03	4.12E-04	5.30E-03
1616	NG_312	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.957	1.78E-02	3.73E-02	5.11E-01	2.62E-02	9.63E-06	3.68E-02	5.71E-03	1.78E-03	3.49E-11	9.26E-04	2.44E-06	1.69E-06	2.71E-05	1.68E-05	1.01E-04	1.60E-06	3.66E-05	4.99E-03	4.62E-04	5.94E-03

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 1 GRID MAX

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.124**	**0.260**	**3.550**	**0.199**	**6.74E-05**	**0.358**	**0.040**	**0.012**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**0.035**	**0.003**	**0.041**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1617	NG_313	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.957	2.01E-02	4.23E-02	5.79E-01	2.95E-02	1.09E-05	4.06E-02	6.47E-03	2.02E-03	3.95E-11	1.05E-03	2.76E-06	1.91E-06	3.07E-05	1.91E-05	1.15E-04	1.81E-06	4.14E-05	5.65E-03	5.23E-04	6.73E-03
1618	NG_314	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.957	2.27E-02	4.77E-02	6.52E-01	3.31E-02	1.23E-05	4.45E-02	7.29E-03	2.28E-03	4.45E-11	1.18E-03	3.11E-06	2.15E-06	3.46E-05	2.15E-05	1.29E-04	2.04E-06	4.66E-05	6.36E-03	5.89E-04	7.58E-03
1619	NG_315	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.957	2.53E-02	5.31E-02	7.27E-01	3.66E-02	1.37E-05	4.82E-02	8.13E-03	2.54E-03	4.96E-11	1.32E-03	3.47E-06	2.40E-06	3.86E-05	2.40E-05	1.44E-04	2.27E-06	5.20E-05	7.09E-03	6.57E-04	8.45E-03
1632	NG_328	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.957	2.63E-02	5.52E-02	7.57E-01	3.89E-02	1.42E-05	4.65E-02	8.45E-03	2.64E-03	5.16E-11	1.37E-03	3.61E-06	2.50E-06	4.01E-05	2.49E-05	1.50E-04	2.36E-06	5.40E-05	7.37E-03	6.83E-04	8.79E-03
1633	NG_329	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.007	9.64E-03	2.02E-02	2.78E-01	1.44E-02	5.26E-06	1.97E-02	3.10E-03	9.66E-04	1.89E-11	5.03E-04	1.34E-06	9.63E-07	1.47E-05	9.19E-06	5.48E-05	8.70E-07	1.98E-05	2.70E-03	2.50E-04	3.22E-03
1634	NG_330	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.007	1.02E-02	2.15E-02	2.95E-01	1.53E-02	5.58E-06	2.10E-02	3.29E-03	1.02E-03	2.01E-11	5.33E-04	1.43E-06	1.02E-06	1.56E-05	9.75E-06	5.81E-05	9.22E-07	2.10E-05	2.87E-03	2.65E-04	3.42E-03
1635	NG_331	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.007	1.08E-02	2.26E-02	3.11E-01	1.61E-02	5.88E-06	2.24E-02	3.46E-03	1.08E-03	2.11E-11	5.62E-04	1.50E-06	1.08E-06	1.65E-05	1.03E-05	6.13E-05	9.73E-07	2.21E-05	3.02E-03	2.80E-04	3.60E-03
1636	NG_332	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.007	1.14E-02	2.39E-02	3.27E-01	1.70E-02	6.20E-06	2.39E-02	3.65E-03	1.14E-03	2.23E-11	5.93E-04	1.59E-06	1.14E-06	1.74E-05	1.08E-05	6.47E-05	1.03E-06	2.33E-05	3.19E-03	2.95E-04	3.80E-03
1637	NG_333	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.007	1.18E-02	2.48E-02	3.40E-01	1.77E-02	6.45E-06	2.52E-02	3.80E-03	1.19E-03	2.32E-11	6.16E-04	1.65E-06	1.18E-06	1.80E-05	1.13E-05	6.72E-05	1.07E-06	2.42E-05	3.32E-03	3.07E-04	3.95E-03
1638	NG_334	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.007	1.22E-02	2.57E-02	3.52E-01	1.83E-02	6.67E-06	2.64E-02	3.93E-03	1.22E-03	2.40E-11	6.37E-04	1.71E-06	1.22E-06	1.86E-05	1.16E-05	6.95E-05	1.10E-06	2.50E-05	3.43E-03	3.17E-04	4.08E-03
1639	NG_335	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.007	1.25E-02	2.62E-02	3.59E-01	1.88E-02	6.80E-06	2.73E-02	4.01E-03	1.25E-03	2.45E-11	6.50E-04	1.74E-06	1.25E-06	1.90E-05	1.19E-05	7.09E-05	1.13E-06	2.56E-05	3.50E-03	3.23E-04	4.17E-03
1640	NG_336	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.007	1.27E-02	2.67E-02	3.65E-01	1.92E-02	6.92E-06	2.83E-02	4.08E-03	1.27E-03	2.49E-11	6.62E-04	1.77E-06	1.27E-06	1.94E-05	1.21E-05	7.22E-05	1.15E-06	2.60E-05	3.56E-03	3.29E-04	4.24E-03
1641	NG_337	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.007	1.26E-02	2.64E-02	3.62E-01	1.91E-02	6.87E-06	2.85E-02	4.04E-03	1.26E-03	2.47E-11	6.56E-04	1.76E-06	1.26E-06	1.92E-05	1.20E-05	7.16E-05	1.14E-06	2.58E-05	3.53E-03	3.26E-04	4.21E-03
1642	NG_338	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.007	1.23E-02	2.59E-02	3.55E-01	1.88E-02	6.73E-06	2.84E-02	3.96E-03	1.24E-03	2.42E-11	6.43E-04	1.72E-06	1.23E-06	1.88E-05	1.18E-05	7.01E-05	1.11E-06	2.53E-05	3.46E-03	3.20E-04	4.12E-03
1643	NG_339	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.007	1.18E-02	2.48E-02	3.40E-01	1.80E-02	6.45E-06	2.75E-02	3.80E-03	1.19E-03	2.32E-11	6.16E-04	1.65E-06	1.18E-06	1.80E-05	1.13E-05	6.72E-05	1.07E-06	2.42E-05	3.32E-03	3.07E-04	3.95E-03
1644	NG_340	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.007	1.14E-02	2.38E-02	3.27E-01	1.73E-02	6.19E-06	2.66E-02	3.65E-03	1.14E-03	2.23E-11	5.92E-04	1.58E-06	1.13E-06	1.73E-05	1.08E-05	6.45E-05	1.02E-06	2.33E-05	3.18E-03	2.94E-04	3.79E-03
1645	NG_341	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.007	1.08E-02	2.27E-02	3.11E-01	1.64E-02	5.90E-06	2.55E-02	3.48E-03	1.08E-03	2.12E-11	5.64E-04	1.51E-06	1.08E-06	1.65E-05	1.03E-05	6.15E-05	9.76E-07	2.22E-05	3.03E-03	2.81E-04	3.62E-03
1646	NG_342	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.007	1.04E-02	2.18E-02	2.98E-01	1.57E-02	5.65E-06	2.45E-02	3.33E-03	1.04E-03	2.03E-11	5.41E-04	1.44E-06	1.03E-06	1.58E-05	9.88E-06	5.90E-05	9.35E-07	2.13E-05	2.91E-03	2.69E-04	3.47E-03
1647	NG_343	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.007	9.87E-03	2.07E-02	2.84E-01	1.48E-02	5.38E-06	2.33E-02	3.17E-03	9.89E-04	1.94E-11	5.14E-04	1.37E-06	9.77E-07	1.51E-05	9.40E-06	5.61E-05	8.90E-07	2.02E-05	2.77E-03	2.56E-04	3.30E-03
1648	NG_344	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.007	9.45E-03	1.99E-02	2.72E-01	1.41E-02	5.15E-06	2.23E-02	3.04E-03	9.48E-04	1.85E-11	4.93E-04	1.31E-06	9.31E-07	1.44E-05	8.99E-06	5.38E-05	8.52E-07	1.94E-05	2.65E-03	2.45E-04	3.16E-03
1649	NG_345	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.007	9.13E-03	1.92E-02	2.63E-01	1.36E-02	4.96E-06	2.14E-02	2.93E-03	9.15E-04	1.79E-11	4.76E-04	1.26E-06	8.94E-07	1.39E-05	8.68E-06	5.19E-05	8.22E-07	1.87E-05	2.56E-03	2.37E-04	3.05E-03
1650	NG_346	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.007	9.16E-03	1.92E-02	2.63E-01	1.35E-02	4.98E-06	2.13E-02	2.94E-03	9.18E-04	1.80E-11	4.77E-04	1.27E-06	8.90E-07	1.40E-05	8.70E-06	5.21E-05	8.25E-07	1.88E-05	2.57E-03	2.38E-04	3.06E-03
1651	NG_347	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.007	9.66E-03	2.03E-02	2.78E-01	1.42E-02	5.25E-06	2.22E-02	3.10E-03	9.69E-04	1.90E-11	5.03E-04	1.33E-06	9.33E-07	1.47E-05	9.17E-06	5.49E-05	8.70E-07	1.98E-05	2.71E-03	2.51E-04	3.23E-03
1652	NG_348	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.007	1.08E-02	2.26E-02	3.10E-01	1.57E-02	5.85E-06	2.44E-02	3.46E-03	1.08E-03	2.11E-11	5.61E-04	1.48E-06	1.04E-06	1.64E-05	1.02E-05	6.13E-05	9.70E-07	2.21E-05	3.02E-03	2.80E-04	3.60E-03
1653	NG_349	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.007	1.25E-02	2.62E-02	3.59E-01	1.82E-02	6.77E-06	2.78E-02	4.01E-03	1.25E-03	2.45E-11	6.50E-04	1.72E-06	1.19E-06	1.90E-05	1.18E-05	7.10E-05	1.12E-06	2.57E-05	3.50E-03	3.24E-04	4.17E-03
1654	NG_350	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.007	1.45E-02	3.04E-02	4.15E-01	2.11E-02	7.83E-06	3.18E-02	4.64E-03	1.45E-03	2.84E-11	7.52E-04	1.98E-06	1.38E-06	2.20E-05	1.37E-05	8.22E-05	1.30E-06	2.97E-05	4.05E-03	3.75E-04	4.83E-03
1655	NG_351	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.007	1.65E-02	3.47E-02	4.75E-01	2.43E-02	8.95E-06	3.59E-02	5.31E-03	1.66E-03	3.24E-11	8.60E-04	2.27E-06	1.57E-06	2.52E-05	1.57E-05	9.40E-05	1.49E-06	3.40E-05	4.63E-03	4.29E-04	5.52E-03
1656	NG_352	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.007	1.87E-02	3.92E-02	5.37E-01	2.75E-02	1.01E-05	3.98E-02	6.00E-03	1.87E-03	3.67E-11	9.72E-04	2.56E-06	1.77E-06	2.85E-05	1.77E-05	1.06E-04	1.68E-06	3.84E-05	5.24E-03	4.85E-04	6.24E-03
1657	NG_353	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.007	2.13E-02	4.48E-02	6.13E-01	3.14E-02	1.15E-05	4.44E-02	6.85E-03	2.14E-03	4.18E-11	1.11E-03	2.92E-06	2.02E-06	3.25E-05	2.02E-05	1.21E-04	1.92E-06	4.38E-05	5.98E-03	5.54E-04	7.13E-03
1658	NG_354	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.007	2.44E-02	5.12E-02	7.01E-01	3.56E-02	1.32E-05	4.92E-02	7.84E-03	2.45E-03	4.79E-11	1.27E-03	3.34E-06	2.31E-06	3.72E-05	2.31E-05	1.39E-04	2.19E-06	5.02E-05	6.84E-03	6.33E-04	8.15E-03
1674	NG_370	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.057	9.70E-03	2.04E-02	2.79E-01	1.45E-02	5.29E-06	2.00E-02	3.12E-03	9.72E-04	1.90E-11	5.05E-04	1.35E-06	9.67E-07	1.48E-05	9.24E-06	5.51E-05	8.74E-07	1.99E-05	2.72E-03	2.51E-04	3.24E-03
1675	NG_371	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.057	1.04E-02	2.18E-02	2.98E-01	1.55E-02	5.65E-06	2.15E-02	3.33E-03	1.04E-03	2.03E-11	5.40E-04	1.44E-06	1.03E-06	1.58E-05	9.87E-06	5.89E-05	9.34E-07	2.12E-05	2.90E-03	2.69E-04	3.46E-03
1676	NG_372	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.057	1.11E-02	2.33E-02	3.19E-01	1.66E-02	6.05E-06	2.32E-02	3.56E-03	1.11E-03	2.18E-11	5.78E-04	1.55E-06	1.11E-06	1.69E-05	1.06E-05	6.31E-05	1.00E-06	2.28E-05	3.11E-03	2.88E-04	3.71E-03
1677	NG_373	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.057	1.19E-02	2.50E-02	3.43E-01	1.78E-02	6.49E-06	2.51E-02	3.82E-03	1.19E-03	2.33E-11	6.21E-04	1.66E-06	1.19E-06	1.82E-05	1.13E-05	6.77E-05	1.07E-06	2.44E-05	3.34E-03	3.09E-04	3.98E-03
1678	NG_374	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.057	1.27E-02	2.67E-02	3.65E-01	1.90E-02	6.93E-06	2.71E-02	4.08E-03	1.27E-03	2.49E-11	6.62E-04	1.77E-06	1.27E-06	1.94E-05	1.21E-05	7.22E-05	1.15E-06	2.60E-05	3.56E-03	3.29E-04	4.24E-03
1679	NG_375	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.057	1.33E-02	2.80E-02	3.84E-01	2.00E-02	7.28E-06	2.89E-02	4.29E-03	1.34E-03	2.62E-11	6.95E-04	1.86E-06	1.33E-06	2.04E-05	1.27E-05	7.59E-05	1.20E-06	2.74E-05	3.74E-03	3.46E-04	4.46E-03
1680	NG_376	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.057	1.39E-02	2.93E-02	4.01E-01	2.10E-02	7.61E-06	3.06E-02	4.48E-03	1.40E-03	2.73E-11	7.27E-04	1.95E-06	1.39E-06	2.13E-05	1.33E-05	7.93E-05	1.26E-06	2.86E-05	3.91E-03	3.62E-04	4.66E-03
1681	NG_377	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.057	1.45E-02	3.04E-02	4.17E-01	2.19E-02	7.90E-06	3.25E-02	4.65E-03	1.45E-03	2.84E-11	7.55E-04	2.02E-06	1.45E-06	2.21E-05	1.38E-05	8.24E-05	1.31E-06	2.97E-05	4.06E-03	3.76E-04	4.84E-03
1682	NG_378	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.057	1.48E-02	3.11E-02	4.26E-01	2.26E-02	8.08E-06	3.39E-02	4.76E-03	1.48E-03	2.90E-11	7.72E-04	2.07E-06	1.48E-06	2.26E-05	1.41E-05	8.42E-05	1.34E-06	3.04E-05	4.15E-03	3.84E-04	4.95E-03
1683	NG_379	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.057	1.47E-02	3.09E-02	4.23E-01	2.25E-02	8.02E-06	3.42E-02	4.72E-03	1.47E-03	2.88E-11	7.67E-04	2.05E-06	1.47E-06	2.24E-05	1.40E-05	8.36E-05	1.33E-06	3.02E-05	4.12E-03	3.81E-04	4.91E-03
1684	NG_380	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.057	1.42E-02	2.99E-02	4.10E-01	2.18E-02	7.77E-06	3.35E-02	4.58E-03	1.43E-03	2.79E-11	7.42E-04	1.99E-06	1.42E-06	2.17E-05	1.36E-05	8.10E-05	1.28E-06	2.92E-05	3.99E-03	3.69E-04	4.76E-03
1685	NG_381	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.057	1.36E-02	2.86E-02	3.91E-01	2.08E-02	7.42E-06	3.23E-02	4.37E-03	1.36E-03	2.67E-11	7.09E-04	1.90E-06	1.36E-06	2.08E-05	1.30E-05	7.73E-05	1.23E-06	2.79E-05	3.81E-03	3.53E-04	4.54E-03
1686	NG_382	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.057	1.29E-02	2.72E-02	3.72E-01	1.98E-02	7.06E-06	3.10E-02	4.16E-03	1.30E-03	2.54E-11	6.75E-04	1.80E-06	1.29E-06	1.98E-05	1.23E-05	7.36E-05	1.17E-06	2.65E-05	3.63E-03	3.36E-04	4.33E-03
1687	NG_383	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.057	1.22E-02	2.57E-02	3.52E-01	1.86E-02	6.67E-06	2.94E-02	3.93E-03	1.23E-03	2.40E-11	6.38E-04	1.70E-06	1.22E-06	1.87E-05	1.17E-05	6.96E-05	1.10E-06	2.51E-05	3.43E-03	3.17E-04	4.09E-03
1688	NG_384	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.057	1.15E-02	2.42E-02	3.32E-01	1.74E-02	6.28E-06	2.76E-02	3.70E-03	1.16E-03	2.26E-11	6.01E-04	1.60E-06	1.14E-06	1.76E-05	1.10E-05	6.56E-05	1.04E-06	2.37E-05	3.23E-03	2.99E-04	3.85E-03
1689	NG_385	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.057	1.09E-02	2.30E-02	3.15E-01	1.64E-02	5.96E-06	2.62E-02	3.52E-03	1.10E-03	2.15E-11	5.70E-04	1.52E-06	1.08E-06	1.67E-05	1.04E-05	6.22E-05	9.86E-07	2.24E-05	3.07E-03	2.84E-04	3.66E-03
1690	NG_386	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.057	1.05E-02	2.21E-02	3.03E-01	1.57E-02	5.72E-06	2.50E-02	3.38E-03	1.06E-03	2.06E-11	5.48E-04	1.46E-06	1.03E-06	1.61E-05	1.00E-05	5.98E-05	9.48E-07	2.16E-05	2.95E-03	2.73E-04	3.52E-03
1691	NG_387	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.057	1.04E-02	2.19E-02	3.00E-01	1.54E-02	5.67E-06	2.46E-02	3.35E-03	1.05E-03	2.04E-11	5.43E-04	1.44E-06	1.01E-06	1.59E-05	9.90E-06	5.93E-05	9.39E-07	2.14E-05	2.92E-03	2.70E-04	3.48E-03
1692	NG_388	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.057	1.10E-02	2.30E-02	3.15E-01	1.61E-02	5.96E-06	2.56E-02	3.52E-03	1.10E-03	2.15E-11	5.71E-04	1.51E-06	1.06E-06	1.67E-05	1.04E-05	6.24E-05	9.88E-07	2.25E-05	3.08E-03	2.85E-04	3.67E-03
1693	NG_389	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.057	1.24E-02	2.60E-02	3.56E-01	1.81E-02	6.72E-06	2.84E-02	3.98E-03	1.24E-03	2.43E-11	6.45E-04	1.70E-06	1.19E-06	1.89E-05	1.17E-05	7.04E-05	1.11E-06	2.54E-05	3.47E-03	3.21E-04	4.14E-03
1694	NG_390	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.057	1.46E-02	3.06E-02	4.18E-01	2.12E-02	7.89E-06	3.29E-02	4.68E-03	1.46E-03	2.86E-11	7.58E-04	2.00E-06	1.39E-06	2.22E-05	1.38E-05	8.28E-05	1.31E-06	2.99E-05	4.08E-03	3.78E-04	4.87E-03
1695	NG_391	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.057	1.72E-02	3.60E-02	4.93E-01	2.51E-02	9.30E-06	3.83E-02	5.51E-03	1.72E-03	3.37E-11	8.93E-04	2.36E-06	1.64E-06	2.62E-05	1.63E-05	9.76E-05	1.54E-06	3.53E-05	4.81E-03	4.46E-04	5.74E-03
1696	NG_392	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.057	1.98E-02	4.16E-02	5.69E-01	2.92E-02	1.07E-05	4.36E-02	6.37E-03	1.99E-03	3.89E-11	1.03E-03	2.72E-06	1.88E-06	3.02E-05	1.88E-05	1.13E-04	1.78E-06	4.08E-05	5.56E-03	5.15E-04	6.63E-03
1697	NG_393	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.057	2.27E-02	4.76E-02	6.52E-01	3.34E-02	1.23E-05	4.87E-02	7.29E-03	2.27E-03	4.45E-11	1.18E-03	3.11E-06	2.15E-06	3.46E-05	2.15E-05	1.29E-04	2.04E-06	4.66E-05	6.36E-03	5.89E-04	7.58E-03
1698	NG_394	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.057	2.61E-02	5.48E-02	7.50E-01	3.82E-02	1.41E-05	5.42E-02	8.39E-03	2.62E-03	5.12E-11	1.36E-03	3.58E-06	2.48E-06	3.98E-05	2.47E-05	1.48E-04	2.35E-06	5.37E-05	7.32E-03	6.78E-04	8.72E-03
1699	NG_395	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.057	3.03E-02	6.37E-02	8.71E-01	4.41E-02	1.64E-05	6.09E-02	9.74E-03	3.04E-03	5.95E-11	1.58E-03	4.16E-06	2.88E-06	4.62E-05	2.87E-05	1.72E-04	2.73E-06	6.23E-05	8.50E-03	7.87E-04	1.01E-02
1715	NG_411	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.107	9.63E-03	2.02E-02	2.77E-01	1.45E-02	5.25E-06	2.02E-02	3.10E-03	9.65E-04	1.89E-11	5.02E-04	1.34E-06	9.58E-07	1.47E-05	9.18E-06	5.48E-05	8.69E-07	1.98E-05	2.70E-03	2.50E-04	3.22E-03
1716	NG_412	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.107	1.03E-02	2.17E-02	2.97E-01	1.55E-02	5.63E-06	2.17E-02	3.32E-03	1.03E-03	2.02E-11	5.38E-04	1.44E-06	1.03E-06	1.58E-05	9.83E-06	5.87E-05	9.31E-07	2.12E-05	2.89E-03	2.68E-04	3.45E-03
1717	NG_413	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.107	1.12E-02	2.35E-02	3.22E-01	1.68E-02	6.10E-06	2.37E-02	3.60E-03	1.12E-03	2.19E-11	5.83E-04	1.56E-06	1.12E-06	1.71E-05	1.07E-05	6.36E-05	1.01E-06	2.30E-05	3.14E-03	2.90E-04	3.74E-03
1718	NG_414	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.107	1.22E-02	2.57E-02	3.52E-01	1.84E-02	6.67E-06	2.61E-02	3.93E-03	1.23E-03	2.40E-11	6.37E-04	1.71E-06	1.22E-06	1.87E-05	1.17E-05	6.95E-05	1.10E-06	2.51E-05	3.43E-03	3.17E-04	4.09E-03
1719	NG_415	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.107	1.33E-02	2.78E-02	3.81E-01	1.99E-02	7.23E-06	2.85E-02	4.26E-03	1.33E-03	2.60E-11	6.91E-04	1.85E-06	1.32E-06	2.02E-05	1.26E-05	7.54E-05	1.20E-06	2.72E-05	3.72E-03	3.44E-04	4.43E-03
1720	NG_416	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.107	1.41E-02	2.97E-02	4.07E-01	2.12E-02	7.71E-06	3.06E-02	4.54E-03	1.42E-03	2.77E-11	7.37E-04	1.97E-06	1.41E-06	2.16E-05	1.35E-05	8.03E-05	1.27E-06	2.90E-05	3.96E-03	3.66E-04	4.72E-03
1721	NG_417	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.107	1.51E-02	3.17E-02	4.34E-01	2.27E-02	8.23E-06	3.32E-02	4.85E-03	1.51E-03	2.96E-11	7.86E-04	2.10E-06	1.51E-06	2.30E-05	1.44E-05	8.58E-05	1.36E-06	3.09E-05	4.23E-03	3.91E-04	5.04E-03
1722	NG_418	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.107	1.62E-02	3.40E-02	4.66E-01	2.45E-02	8.83E-06	3.64E-02	5.20E-03	1.62E-03	3.18E-11	8.44E-04	2.26E-06	1.62E-06	2.47E-05	1.54E-05	9.21E-05	1.46E-06	3.32E-05	4.54E-03	4.20E-04	5.41E-03
1723	NG_419	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.107	1.70E-02	3.58E-02	4.90E-01	2.60E-02	9.29E-06	3.91E-02	5.48E-03	1.71E-03	3.34E-11	8.88E-04	2.38E-06	1.70E-06	2.60E-05	1.62E-05	9.69E-05	1.54E-06	3.49E-05	4.78E-03	4.42E-04	5.69E-03
1724	NG_420	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.107	1.73E-02	3.63E-02	4.97E-01	2.64E-02	9.42E-06	4.03E-02	5.55E-03	1.73E-03	3.39E-11	9.01E-04	2.41E-06	1.73E-06	2.64E-05	1.65E-05	9.82E-05	1.56E-06	3.54E-05	4.84E-03	4.48E-04	5.77E-03
1725	NG_421	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.107	1.70E-02	3.56E-02	4.88E-01	2.60E-02	9.25E-06	4.01E-02	5.45E-03	1.70E-03	3.33E-11	8.84E-04	2.37E-06	1.69E-06	2.59E-05	1.62E-05	9.65E-05	1.53E-06	3.48E-05	4.76E-03	4.40E-04	5.67E-03
1726	NG_422	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.107	1.64E-02	3.45E-02	4.72E-01	2.52E-02	8.95E-06	3.93E-02	5.27E-03	1.64E-03	3.22E-11	8.55E-04	2.29E-06	1.64E-06	2.50E-05	1.56E-05	9.33E-05	1.48E-06	3.36E-05	4.60E-03	4.26E-04	5.48E-03
1727	NG_423	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.107	1.56E-02	3.28E-02	4.49E-01	2.39E-02	8.51E-06	3.78E-02	5.02E-03	1.57E-03	3.06E-11	8.14E-04	2.18E-06	1.56E-06	2.38E-05	1.49E-05	8.88E-05	1.41E-06	3.20E-05	4.38E-03	4.05E-04	5.22E-03
1728	NG_424	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.107	1.47E-02	3.08E-02	4.22E-01	2.24E-02	8.01E-06	3.58E-02	4.72E-03	1.47E-03	2.88E-11	7.66E-04	2.05E-06	1.46E-06	2.24E-05	1.40E-05	8.35E-05	1.32E-06	3.01E-05	4.12E-03	3.81E-04	4.91E-03
1729	NG_425	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.107	1.37E-02	2.88E-02	3.94E-01	2.07E-02	7.47E-06	3.34E-02	4.40E-03	1.37E-03	2.69E-11	7.14E-04	1.91E-06	1.36E-06	2.09E-05	1.31E-05	7.80E-05	1.24E-06	2.81E-05	3.84E-03	3.56E-04	4.58E-03
1730	NG_426	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.107	1.29E-02	2.72E-02	3.72E-01	1.94E-02	7.05E-06	3.14E-02	4.16E-03	1.30E-03	2.54E-11	6.74E-04	1.80E-06	1.28E-06	1.97E-05	1.23E-05	7.36E-05	1.17E-06	2.66E-05	3.63E-03	3.36E-04	4.32E-03
1732	NG_428	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.107	1.20E-02	2.53E-02	3.46E-01	1.79E-02	6.55E-06	2.88E-02	3.87E-03	1.21E-03	2.36E-11	6.27E-04	1.67E-06	1.17E-06	1.84E-05	1.14E-05	6.85E-05	1.08E-06	2.47E-05	3.38E-03	3.12E-04	4.02E-03
1733	NG_429	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.107	1.25E-02	2.63E-02	3.60E-01	1.85E-02	6.81E-06	2.96E-02	4.03E-03	1.26E-03	2.46E-11	6.53E-04	1.73E-06	1.21E-06	1.91E-05	1.19E-05	7.13E-05	1.13E-06	2.57E-05	3.51E-03	3.25E-04	4.19E-03
1734	NG_430	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.107	1.43E-02	3.00E-02	4.10E-01	2.09E-02	7.74E-06	3.32E-02	4.58E-03	1.43E-03	2.80E-11	7.43E-04	1.96E-06	1.37E-06	2.18E-05	1.35E-05	8.11E-05	1.28E-06	2.93E-05	4.00E-03	3.70E-04	4.77E-03
1735	NG_431	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.107	1.72E-02	3.60E-02	4.93E-01	2.51E-02	9.31E-06	3.94E-02	5.51E-03	1.72E-03	3.37E-11	8.94E-04	2.36E-06	1.64E-06	2.62E-05	1.63E-05	9.76E-05	1.54E-06	3.53E-05	4.81E-03	4.45E-04	5.74E-03
1736	NG_432	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.107	2.08E-02	4.37E-02	5.97E-01	3.06E-02	1.13E-05	4.71E-02	6.68E-03	2.08E-03	4.08E-11	1.08E-03	2.85E-06	1.98E-06	3.17E-05	1.97E-05	1.18E-04	1.87E-06	4.27E-05	5.83E-03	5.40E-04	6.95E-03
1737	NG_433	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.107	2.46E-02	5.16E-02	7.05E-01	3.63E-02	1.33E-05	5.46E-02	7.89E-03	2.46E-03	4.82E-11	1.28E-03	3.37E-06	2.33E-06	3.75E-05	2.33E-05	1.40E-04	2.21E-06	5.05E-05	6.89E-03	6.38E-04	8.21E-03
1738	NG_434	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.107	2.84E-02	5.96E-02	8.15E-01	4.17E-02	1.54E-05	6.10E-02	9.12E-03	2.85E-03	5.57E-11	1.48E-03	3.89E-06	2.69E-06	4.33E-05	2.69E-05	1.61E-04	2.55E-06	5.83E-05	7.96E-03	7.37E-04	9.48E-03
1739	NG_435	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.107	3.32E-02	6.97E-02	9.54E-01	4.84E-02	1.80E-05	6.88E-02	1.07E-02	3.33E-03	6.51E-11	1.73E-03	4.55E-06	3.15E-06	5.06E-05	3.15E-05	1.89E-04	2.99E-06	6.83E-05	9.31E-03	8.62E-04	1.11E-02
1740	NG_436	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.107	3.88E-02	8.16E-02	1.12E+00	5.61E-02	2.10E-05	7.77E-02	1.25E-02	3.89E-03	7.62E-11	2.02E-03	5.32E-06	3.69E-06	5.92E-05	3.68E-05	2.21E-04	3.49E-06	7.98E-05	1.09E-02	1.01E-03	1.30E-02
1756	NG_452	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.157	9.50E-03	1.99E-02	2.73E-01	1.44E-02	5.17E-06	2.04E-02	3.05E-03	9.52E-04	1.86E-11	4.95E-04	1.32E-06	9.41E-07	1.45E-05	9.04E-06	5.40E-05	8.56E-07	1.95E-05	2.66E-03	2.46E-04	3.17E-03
1757	NG_453	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.157	1.03E-02	2.16E-02	2.95E-01	1.55E-02	5.59E-06	2.20E-02	3.30E-03	1.03E-03	2.01E-11	5.35E-04	1.43E-06	1.02E-06	1.57E-05	9.77E-06	5.84E-05	9.25E-07	2.10E-05	2.88E-03	2.66E-04	3.43E-03

AQIA DATA - SCENARIO 1 GRID MAX

Annual Average Pollutant Concentration (µg/m3) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.124**	**0.260**	**3.550**	**0.199**	**6.74E-05**	**0.358**	**0.040**	**0.012**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**0.035**	**0.003**	**0.041**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1758	NG_454	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.157	1.12E-02	2.35E-02	3.22E-01	1.69E-02	6.10E-06	2.41E-02	3.60E-03	1.12E-03	2.20E-11	5.84E-04	1.56E-06	1.11E-06	1.71E-05	1.07E-05	6.37E-05	1.01E-06	2.30E-05	3.14E-03	2.90E-04	3.74E-03
1759	NG_455	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.157	1.23E-02	2.58E-02	3.53E-01	1.85E-02	6.69E-06	2.66E-02	3.94E-03	1.23E-03	2.41E-11	6.40E-04	1.71E-06	1.22E-06	1.87E-05	1.17E-05	6.98E-05	1.11E-06	2.52E-05	3.44E-03	3.18E-04	4.10E-03
1760	NG_456	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.157	1.35E-02	2.83E-02	3.88E-01	2.03E-02	7.35E-06	2.93E-02	4.33E-03	1.35E-03	2.64E-11	7.03E-04	1.88E-06	1.34E-06	2.06E-05	1.29E-05	7.67E-05	1.22E-06	2.77E-05	3.78E-03	3.50E-04	4.51E-03
1761	NG_457	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.157	1.47E-02	3.08E-02	4.22E-01	2.21E-02	8.00E-06	3.21E-02	4.71E-03	1.47E-03	2.88E-11	7.64E-04	2.04E-06	1.46E-06	2.24E-05	1.40E-05	8.34E-05	1.32E-06	3.01E-05	4.11E-03	3.80E-04	4.90E-03
1762	NG_458	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.157	1.60E-02	3.35E-02	4.59E-01	2.40E-02	8.70E-06	3.53E-02	5.13E-03	1.60E-03	3.13E-11	8.32E-04	2.23E-06	1.59E-06	2.44E-05	1.52E-05	9.07E-05	1.44E-06	3.27E-05	4.47E-03	4.14E-04	5.33E-03
1763	NG_459	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.157	1.75E-02	3.67E-02	5.03E-01	2.65E-02	9.53E-06	3.93E-02	5.62E-03	1.75E-03	3.43E-11	9.11E-04	2.44E-06	1.75E-06	2.67E-05	1.67E-05	9.94E-05	1.58E-06	3.58E-05	4.90E-03	4.53E-04	5.84E-03
1764	NG_460	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.157	1.89E-02	3.97E-02	5.43E-01	2.87E-02	1.03E-05	4.33E-02	6.07E-03	1.89E-03	3.70E-11	9.85E-04	2.63E-06	1.89E-06	2.88E-05	1.80E-05	1.07E-04	1.70E-06	3.87E-05	5.30E-03	4.90E-04	6.31E-03
1765	NG_461	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.157	1.98E-02	4.16E-02	5.69E-01	3.01E-02	1.08E-05	4.60E-02	6.36E-03	1.98E-03	3.88E-11	1.03E-03	2.76E-06	1.98E-06	3.02E-05	1.89E-05	1.13E-04	1.79E-06	4.06E-05	5.55E-03	5.13E-04	6.61E-03
1766	NG_462	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.157	2.00E-02	4.21E-02	5.76E-01	3.06E-02	1.09E-05	4.73E-02	6.44E-03	2.01E-03	3.93E-11	1.04E-03	2.79E-06	2.00E-06	3.06E-05	1.91E-05	1.14E-04	1.81E-06	4.11E-05	5.62E-03	5.20E-04	6.69E-03
1767	NG_463	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.157	1.98E-02	4.15E-02	5.68E-01	3.03E-02	1.08E-05	4.74E-02	6.35E-03	1.98E-03	3.88E-11	1.03E-03	2.76E-06	1.97E-06	3.02E-05	1.88E-05	1.12E-04	1.78E-06	4.05E-05	5.54E-03	5.13E-04	6.61E-03
1768	NG_464	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.157	1.91E-02	4.01E-02	5.49E-01	2.93E-02	1.04E-05	4.65E-02	6.14E-03	1.92E-03	3.75E-11	9.96E-04	2.66E-06	1.90E-06	2.92E-05	1.82E-05	1.09E-04	1.72E-06	3.92E-05	5.36E-03	4.96E-04	6.39E-03
1769	NG_465	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.157	1.80E-02	3.79E-02	5.18E-01	2.76E-02	9.83E-06	4.43E-02	5.80E-03	1.81E-03	3.54E-11	9.40E-04	2.51E-06	1.79E-06	2.75E-05	1.72E-05	1.03E-04	1.63E-06	3.70E-05	5.06E-03	4.68E-04	6.03E-03
1770	NG_466	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.157	1.67E-02	3.52E-02	4.81E-01	2.54E-02	9.12E-06	4.13E-02	5.38E-03	1.68E-03	3.28E-11	8.72E-04	2.33E-06	1.66E-06	2.55E-05	1.59E-05	9.52E-05	1.51E-06	3.43E-05	4.69E-03	4.34E-04	5.59E-03
1771	NG_467	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.157	1.56E-02	3.27E-02	4.48E-01	2.35E-02	8.49E-06	3.84E-02	5.01E-03	1.56E-03	3.06E-11	8.13E-04	2.17E-06	1.54E-06	2.38E-05	1.48E-05	8.87E-05	1.41E-06	3.20E-05	4.37E-03	4.04E-04	5.21E-03
1774	NG_470	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.157	1.45E-02	3.04E-02	4.16E-01	2.14E-02	7.86E-06	3.47E-02	4.65E-03	1.45E-03	2.84E-11	7.54E-04	2.00E-06	1.40E-06	2.21E-05	1.37E-05	8.23E-05	1.30E-06	2.97E-05	4.06E-03	3.76E-04	4.84E-03
1775	NG_471	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.157	1.65E-02	3.46E-02	4.74E-01	2.42E-02	8.95E-06	3.90E-02	5.30E-03	1.65E-03	3.24E-11	8.59E-04	2.27E-06	1.59E-06	2.52E-05	1.56E-05	9.38E-05	1.48E-06	3.39E-05	4.63E-03	4.28E-04	5.51E-03
1776	NG_472	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.157	2.01E-02	4.23E-02	5.78E-01	2.96E-02	1.09E-05	4.68E-02	6.47E-03	2.02E-03	3.95E-11	1.05E-03	2.77E-06	1.93E-06	3.07E-05	1.91E-05	1.15E-04	1.81E-06	4.14E-05	5.65E-03	5.23E-04	6.73E-03
1777	NG_473	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.157	2.50E-02	5.26E-02	7.18E-01	3.70E-02	1.36E-05	5.73E-02	8.04E-03	2.51E-03	4.91E-11	1.30E-03	3.43E-06	2.38E-06	3.82E-05	2.37E-05	1.42E-04	2.25E-06	5.14E-05	7.02E-03	6.50E-04	8.37E-03
1778	NG_474	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.157	3.08E-02	6.47E-02	8.84E-01	4.56E-02	1.67E-05	6.89E-02	9.90E-03	3.09E-03	6.04E-11	1.60E-03	4.22E-06	2.93E-06	4.70E-05	2.92E-05	1.75E-04	2.77E-06	6.33E-05	8.64E-03	8.00E-04	1.03E-02
1779	NG_475	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.157	3.73E-02	7.84E-02	1.07E+00	5.48E-02	2.02E-05	8.04E-02	1.20E-02	3.74E-03	7.32E-11	1.94E-03	5.12E-06	3.54E-06	5.69E-05	3.54E-05	2.12E-04	3.36E-06	7.67E-05	1.05E-02	9.69E-04	1.25E-02
1780	NG_476	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.157	4.47E-02	9.37E-02	1.28E+00	6.48E-02	2.42E-05	9.23E-02	1.43E-02	4.48E-03	8.76E-11	2.32E-03	6.12E-06	4.24E-06	6.81E-05	4.23E-05	2.54E-04	4.01E-06	9.18E-05	1.25E-02	1.16E-03	1.49E-02
1781	NG_477	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.157	5.19E-02	1.09E-01	1.49E+00	7.48E-02	2.81E-05	1.04E-01	1.67E-02	5.21E-03	1.02E-10	2.70E-03	7.11E-06	4.93E-06	7.91E-05	4.92E-05	2.95E-04	4.67E-06	1.07E-04	1.46E-02	1.35E-03	1.73E-02
1797	NG_493	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.207	9.39E-03	1.97E-02	2.70E-01	1.44E-02	5.11E-06	2.07E-02	3.02E-03	9.41E-04	1.84E-11	4.89E-04	1.30E-06	9.28E-07	1.43E-05	8.94E-06	5.34E-05	8.47E-07	1.93E-05	2.63E-03	2.44E-04	3.14E-03
1798	NG_494	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.207	1.02E-02	2.14E-02	2.94E-01	1.56E-02	5.56E-06	2.25E-02	3.28E-03	1.02E-03	2.00E-11	5.32E-04	1.42E-06	1.01E-06	1.56E-05	9.71E-06	5.80E-05	9.19E-07	2.09E-05	2.86E-03	2.65E-04	3.41E-03
1799	NG_495	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.207	1.11E-02	2.33E-02	3.20E-01	1.69E-02	6.05E-06	2.45E-02	3.57E-03	1.11E-03	2.18E-11	5.79E-04	1.54E-06	1.10E-06	1.69E-05	1.06E-05	6.32E-05	1.00E-06	2.28E-05	3.11E-03	2.88E-04	3.71E-03
1800	NG_496	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.207	1.22E-02	2.57E-02	3.52E-01	1.86E-02	6.67E-06	2.71E-02	3.93E-03	1.23E-03	2.40E-11	6.38E-04	1.70E-06	1.21E-06	1.87E-05	1.17E-05	6.96E-05	1.10E-06	2.51E-05	3.43E-03	3.18E-04	4.09E-03
1801	NG_497	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.207	1.35E-02	2.83E-02	3.88E-01	2.04E-02	7.35E-06	2.98E-02	4.33E-03	1.35E-03	2.64E-11	7.03E-04	1.88E-06	1.34E-06	2.06E-05	1.28E-05	7.67E-05	1.22E-06	2.76E-05	3.78E-03	3.50E-04	4.50E-03
1802	NG_498	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.207	1.49E-02	3.13E-02	4.28E-01	2.26E-02	8.12E-06	3.31E-02	4.79E-03	1.49E-03	2.92E-11	7.76E-04	2.07E-06	1.48E-06	2.27E-05	1.42E-05	8.47E-05	1.34E-06	3.05E-05	4.18E-03	3.86E-04	4.98E-03
1803	NG_499	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.207	1.64E-02	3.45E-02	4.73E-01	2.49E-02	8.96E-06	3.68E-02	5.28E-03	1.65E-03	3.23E-11	8.57E-04	2.29E-06	1.64E-06	2.51E-05	1.57E-05	9.35E-05	1.48E-06	3.37E-05	4.61E-03	4.26E-04	5.49E-03
1804	NG_500	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.207	1.83E-02	3.85E-02	5.27E-01	2.78E-02	1.00E-05	4.14E-02	5.89E-03	1.84E-03	3.60E-11	9.56E-04	2.56E-06	1.83E-06	2.80E-05	1.75E-05	1.04E-04	1.65E-06	3.76E-05	5.14E-03	4.76E-04	6.13E-03
1805	NG_501	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.207	2.03E-02	4.26E-02	5.83E-01	3.07E-02	1.11E-05	4.63E-02	6.51E-03	2.03E-03	3.98E-11	1.06E-03	2.83E-06	2.02E-06	3.09E-05	1.93E-05	1.15E-04	1.83E-06	4.16E-05	5.68E-03	5.26E-04	6.77E-03
1806	NG_502	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.207	2.20E-02	4.62E-02	6.33E-01	3.34E-02	1.20E-05	5.10E-02	7.08E-03	2.21E-03	4.32E-11	1.15E-03	3.07E-06	2.20E-06	3.36E-05	2.10E-05	1.25E-04	1.99E-06	4.52E-05	6.17E-03	5.71E-04	7.36E-03
1807	NG_503	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.207	2.31E-02	4.85E-02	6.63E-01	3.51E-02	1.26E-05	5.42E-02	7.42E-03	2.31E-03	4.53E-11	1.20E-03	3.22E-06	2.30E-06	3.52E-05	2.20E-05	1.31E-04	2.08E-06	4.73E-05	6.47E-03	5.99E-04	7.71E-03
1808	NG_504	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.207	2.37E-02	4.98E-02	6.82E-01	3.62E-02	1.29E-05	5.67E-02	7.62E-03	2.38E-03	4.65E-11	1.24E-03	3.31E-06	2.37E-06	3.62E-05	2.26E-05	1.35E-04	2.14E-06	4.87E-05	6.65E-03	6.15E-04	7.93E-03
1809	NG_505	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.207	2.36E-02	4.95E-02	6.77E-01	3.59E-02	1.28E-05	5.72E-02	7.57E-03	2.36E-03	4.62E-11	1.23E-03	3.28E-06	2.35E-06	3.59E-05	2.24E-05	1.34E-04	2.12E-06	4.83E-05	6.60E-03	6.11E-04	7.87E-03
1810	NG_506	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.207	2.26E-02	4.74E-02	6.48E-01	3.44E-02	1.23E-05	5.55E-02	7.25E-03	2.26E-03	4.42E-11	1.18E-03	3.14E-06	2.24E-06	3.44E-05	2.15E-05	1.28E-04	2.03E-06	4.63E-05	6.32E-03	5.85E-04	7.54E-03
1811	NG_507	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.207	2.09E-02	4.39E-02	6.00E-01	3.18E-02	1.14E-05	5.19E-02	6.72E-03	2.10E-03	4.10E-11	1.09E-03	2.91E-06	2.08E-06	3.19E-05	1.99E-05	1.19E-04	1.89E-06	4.29E-05	5.86E-03	5.42E-04	6.99E-03
1817	NG_513	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.207	2.40E-02	5.05E-02	6.90E-01	3.56E-02	1.30E-05	5.68E-02	7.72E-03	2.41E-03	4.71E-11	1.25E-03	3.30E-06	2.30E-06	3.67E-05	2.28E-05	1.37E-04	2.16E-06	4.94E-05	6.74E-03	6.24E-04	8.03E-03
1818	NG_514	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.207	3.08E-02	6.47E-02	8.84E-01	4.56E-02	1.67E-05	7.10E-02	9.89E-03	3.09E-03	6.04E-11	1.60E-03	4.22E-06	2.93E-06	4.70E-05	2.92E-05	1.75E-04	2.77E-06	6.33E-05	8.64E-03	7.99E-04	1.03E-02
1819	NG_515	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.207	3.99E-02	8.38E-02	1.15E+00	5.89E-02	2.16E-05	8.90E-02	1.28E-02	4.00E-03	7.83E-11	2.08E-03	5.47E-06	3.79E-06	6.09E-05	3.78E-05	2.27E-04	3.59E-06	8.20E-05	1.12E-02	1.04E-03	1.33E-02
1820	NG_516	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.207	5.07E-02	1.06E-01	1.45E+00	7.39E-02	2.74E-05	1.08E-01	1.63E-02	5.08E-03	9.94E-11	2.64E-03	6.94E-06	4.81E-06	7.72E-05	4.80E-05	2.88E-04	4.55E-06	1.04E-04	1.42E-02	1.31E-03	1.69E-02
1821	NG_517	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.207	6.15E-02	1.29E-01	1.77E+00	8.89E-02	3.33E-05	1.27E-01	1.98E-02	6.17E-03	1.21E-10	3.20E-03	8.43E-06	5.84E-06	9.38E-05	5.83E-05	3.50E-04	5.53E-06	1.26E-04	1.73E-02	1.60E-03	2.06E-02
1838	NG_534	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.257	9.31E-03	1.96E-02	2.68E-01	1.44E-02	5.07E-06	2.11E-02	2.99E-03	9.33E-04	1.83E-11	4.85E-04	1.29E-06	9.16E-07	1.42E-05	8.86E-06	5.29E-05	8.39E-07	1.91E-05	2.61E-03	2.41E-04	3.11E-03
1839	NG_535	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.257	1.01E-02	2.12E-02	2.90E-01	1.56E-02	5.49E-06	2.29E-02	3.24E-03	1.01E-03	1.98E-11	5.26E-04	1.40E-06	9.94E-07	1.54E-05	9.60E-06	5.74E-05	9.09E-07	2.07E-05	2.83E-03	2.62E-04	3.37E-03
1840	NG_536	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.257	1.10E-02	2.31E-02	3.17E-01	1.70E-02	6.00E-06	2.50E-02	3.54E-03	1.10E-03	2.16E-11	5.74E-04	1.53E-06	1.09E-06	1.68E-05	1.05E-05	6.26E-05	9.92E-07	2.26E-05	3.09E-03	2.86E-04	3.68E-03
1841	NG_537	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.257	1.21E-02	2.54E-02	3.48E-01	1.86E-02	6.59E-06	2.74E-02	3.89E-03	1.21E-03	2.37E-11	6.30E-04	1.68E-06	1.20E-06	1.85E-05	1.15E-05	6.88E-05	1.09E-06	2.48E-05	3.39E-03	3.14E-04	4.04E-03
1842	NG_538	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.257	1.33E-02	2.80E-02	3.83E-01	2.04E-02	7.26E-06	3.02E-02	4.28E-03	1.34E-03	2.61E-11	6.95E-04	1.85E-06	1.32E-06	2.03E-05	1.27E-05	7.58E-05	1.20E-06	2.73E-05	3.74E-03	3.46E-04	4.45E-03
1843	NG_539	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.257	1.47E-02	3.10E-02	4.24E-01	2.25E-02	8.03E-06	3.34E-02	4.74E-03	1.48E-03	2.89E-11	7.68E-04	2.05E-06	1.46E-06	2.25E-05	1.40E-05	8.39E-05	1.33E-06	3.02E-05	4.13E-03	3.82E-04	4.93E-03
1844	NG_540	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.257	1.65E-02	3.47E-02	4.75E-01	2.52E-02	9.01E-06	3.76E-02	5.31E-03	1.66E-03	3.24E-11	8.62E-04	2.30E-06	1.64E-06	2.52E-05	1.57E-05	9.40E-05	1.49E-06	3.39E-05	4.64E-03	4.29E-04	5.52E-03
1845	NG_541	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.257	1.87E-02	3.93E-02	5.38E-01	2.84E-02	1.02E-05	4.27E-02	6.01E-03	1.88E-03	3.67E-11	9.76E-04	2.61E-06	1.86E-06	2.86E-05	1.78E-05	1.06E-04	1.69E-06	3.84E-05	5.25E-03	4.86E-04	6.26E-03
1846	NG_542	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.257	2.12E-02	4.44E-02	6.08E-01	3.21E-02	1.15E-05	4.85E-02	6.80E-03	2.12E-03	4.15E-11	1.10E-03	2.95E-06	2.11E-06	3.23E-05	2.02E-05	1.20E-04	1.91E-06	4.34E-05	5.93E-03	5.49E-04	7.07E-03
1847	NG_543	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.257	2.35E-02	4.94E-02	6.76E-01	3.57E-02	1.28E-05	5.44E-02	7.56E-03	2.36E-03	4.62E-11	1.23E-03	3.28E-06	2.35E-06	3.59E-05	2.24E-05	1.34E-04	2.12E-06	4.83E-05	6.60E-03	6.10E-04	7.87E-03
1848	NG_544	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.257	2.59E-02	5.44E-02	7.44E-01	3.92E-02	1.41E-05	6.06E-02	8.32E-03	2.59E-03	5.08E-11	1.35E-03	3.61E-06	2.58E-06	3.95E-05	2.47E-05	1.47E-04	2.33E-06	5.31E-05	7.26E-03	6.71E-04	8.65E-03
1849	NG_545	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.257	2.79E-02	5.86E-02	8.02E-01	4.23E-02	1.52E-05	6.64E-02	8.97E-03	2.80E-03	5.48E-11	1.46E-03	3.89E-06	2.78E-06	4.26E-05	2.66E-05	1.59E-04	2.52E-06	5.73E-05	7.83E-03	7.24E-04	9.33E-03
1850	NG_546	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.257	2.89E-02	6.08E-02	8.31E-01	4.39E-02	1.58E-05	6.98E-02	9.30E-03	2.90E-03	5.68E-11	1.51E-03	4.03E-06	2.88E-06	4.42E-05	2.76E-05	1.65E-04	2.61E-06	5.94E-05	8.12E-03	7.51E-04	9.67E-03
1851	NG_547	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.257	2.86E-02	6.01E-02	8.21E-01	4.35E-02	1.56E-05	7.02E-02	9.19E-03	2.87E-03	5.61E-11	1.49E-03	3.98E-06	2.85E-06	4.37E-05	2.73E-05	1.63E-04	2.58E-06	5.87E-05	8.02E-03	7.42E-04	9.56E-03
1852	NG_548	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.257	2.70E-02	5.66E-02	7.74E-01	4.11E-02	1.47E-05	6.74E-02	8.66E-03	2.70E-03	5.29E-11	1.41E-03	3.75E-06	2.68E-06	4.11E-05	2.57E-05	1.53E-04	2.43E-06	5.53E-05	7.56E-03	6.99E-04	9.01E-03
1859	NG_555	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.257	4.11E-02	8.63E-02	1.18E+00	6.11E-02	2.23E-05	9.56E-02	1.32E-02	4.12E-03	8.06E-11	2.14E-03	5.64E-06	3.91E-06	6.27E-05	3.89E-05	2.34E-04	3.70E-06	8.45E-05	1.15E-02	1.07E-03	1.37E-02
1860	NG_556	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.257	5.62E-02	1.18E-01	1.61E+00	8.26E-02	3.04E-05	1.25E-01	1.80E-02	5.63E-03	1.10E-10	2.92E-03	7.70E-06	5.33E-06	8.56E-05	5.32E-05	3.19E-04	5.05E-06	1.15E-04	1.58E-02	1.46E-03	1.88E-02
1861	NG_557	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.257	7.27E-02	1.53E-01	2.09E+00	1.06E-01	3.94E-05	1.55E-01	2.34E-02	7.29E-03	1.43E-10	3.78E-03	9.96E-06	6.90E-06	1.11E-04	6.89E-05	4.14E-04	6.54E-06	1.49E-04	2.04E-02	1.89E-03	2.43E-02
1862	NG_558	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.257	8.49E-02	1.78E-01	2.43E+00	1.22E-01	4.60E-05	1.74E-01	2.73E-02	8.51E-03	1.66E-10	4.42E-03	1.16E-05	8.06E-06	1.29E-04	8.04E-05	4.83E-04	7.63E-06	1.74E-04	2.38E-02	2.20E-03	2.84E-02
1879	NG_575	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.307	9.26E-03	1.95E-02	2.67E-01	1.44E-02	5.04E-06	2.15E-02	2.98E-03	9.29E-04	1.82E-11	4.83E-04	1.28E-06	9.09E-07	1.41E-05	8.81E-06	5.27E-05	8.35E-07	1.90E-05	2.60E-03	2.40E-04	3.10E-03
1880	NG_576	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.307	9.98E-03	2.10E-02	2.87E-01	1.55E-02	5.43E-06	2.32E-02	3.21E-03	1.00E-03	1.96E-11	5.20E-04	1.38E-06	9.80E-07	1.52E-05	9.50E-06	5.68E-05	9.00E-07	2.05E-05	2.80E-03	2.59E-04	3.34E-03
1881	NG_577	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.307	1.09E-02	2.29E-02	3.14E-01	1.69E-02	5.93E-06	2.54E-02	3.50E-03	1.09E-03	2.14E-11	5.68E-04	1.51E-06	1.07E-06	1.66E-05	1.04E-05	6.20E-05	9.83E-07	2.24E-05	3.06E-03	2.83E-04	3.64E-03
1882	NG_578	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.307	1.20E-02	2.52E-02	3.45E-01	1.86E-02	6.53E-06	2.80E-02	3.86E-03	1.20E-03	2.35E-11	6.25E-04	1.66E-06	1.18E-06	1.83E-05	1.14E-05	6.82E-05	1.08E-06	2.46E-05	3.36E-03	3.11E-04	4.01E-03
1883	NG_579	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.307	1.31E-02	2.76E-02	3.78E-01	2.03E-02	7.15E-06	3.06E-02	4.22E-03	1.32E-03	2.58E-11	6.85E-04	1.82E-06	1.29E-06	2.00E-05	1.25E-05	7.47E-05	1.18E-06	2.70E-05	3.68E-03	3.41E-04	4.39E-03
1884	NG_580	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.307	1.45E-02	3.05E-02	4.17E-01	2.23E-02	7.90E-06	3.37E-02	4.66E-03	1.45E-03	2.85E-11	7.56E-04	2.02E-06	1.43E-06	2.21E-05	1.38E-05	8.25E-05	1.31E-06	2.98E-05	4.07E-03	3.76E-04	4.85E-03
1885	NG_581	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.307	1.64E-02	3.44E-02	4.71E-01	2.51E-02	8.92E-06	3.80E-02	5.26E-03	1.64E-03	3.21E-11	8.53E-04	2.28E-06	1.62E-06	2.50E-05	1.56E-05	9.31E-05	1.48E-06	3.36E-05	4.59E-03	4.25E-04	5.47E-03
1886	NG_582	Nested Grid - 50m	Parks/ Recreation	Offsite	379.014	6367.307	1.88E-02	3.95E-02	5.40E-01	2.87E-02	1.02E-05	4.37E-02	6.04E-03	1.88E-03	3.69E-11	9.79E-04	2.61E-06	1.86E-06	2.87E-05	1.79E-05	1.07E-04	1.69E-06	3.85E-05	5.27E-03	4.87E-04	6.28E-03
1887	NG_583	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.307	2.14E-02	4.50E-02	6.15E-01	3.26E-02	1.17E-05	4.98E-02	6.88E-03	2.15E-03	4.20E-11	1.12E-03	2.98E-06	2.12E-06	3.27E-05	2.04E-05	1.22E-04	1.93E-06	4.39E-05	6.00E-03	5.55E-04	7.15E-03
1888	NG_584	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.307	2.43E-02	5.11E-02	6.99E-01	3.69E-02	1.33E-05	5.67E-02	7.82E-03	2.44E-03	4.77E-11	1.27E-03	3.39E-06	2.42E-06	3.71E-05	2.32E-05	1.38E-04	2.19E-06	4.99E-05	6.82E-03	6.31E-04	8.13E-03
1889	NG_585	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.307	2.79E-02	5.85E-02	8.00E-01	4.22E-02	1.52E-05	6.54E-02	8.96E-03	2.79E-03	5.47E-11	1.45E-03	3.88E-06	2.77E-06	4.25E-05	2.66E-05	1.59E-04	2.51E-06	5.72E-05	7.82E-03	7.23E-04	9.31E-03
1890	NG_586	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.307	3.17E-02	6.65E-02	9.09E-01	4.78E-02	1.73E-05	7.50E-02	1.02E-02	3.17E-03	6.21E-11	1.65E-03	4.41E-06	3.15E-06	4.83E-05	3.02E-05	1.80E-04	2.86E-06	6.50E-05	8.88E-03	8.21E-04	1.06E-02
1891	NG_587	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.307	3.46E-02	7.26E-02	9.93E-01	5.21E-02	1.89E-05	8.27E-02	1.11E-02	3.47E-03	6.78E-11	1.80E-03	4.82E-06	3.44E-06	5.28E-05	3.30E-05	1.97E-04	3.12E-06	7.10E-05	9.70E-03	8.97E-04	1.16E-02
1892	NG_588	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.307	3.59E-02	7.55E-02	1.03E+00	5.44E-02	1.96E-05	8.76E-02	1.15E-02	3.60E-03	7.05E-11	1.87E-03	5.01E-06	3.58E-06	5.48E-05	3.42E-05	2.04E-04	3.24E-06	7.37E-05	1.01E-02	9.32E-04	1.20E-02
1893	NG_589	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.307	3.59E-02	7.53E-02	1.03E+00	5.48E-02	1.95E-05	8.98E-02	1.15E-02	3.59E-03	7.03E-11	1.87E-03	4.99E-06	3.56E-06	5.47E-05	3.42E-05	2.04E-04	3.23E-06	7.35E-05	1.01E-02	9.30E-04	1.20E-02
1900	NG_596	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.307	6.18E-02	1.30E-01	1.77E+00	9.16E-02	3.35E-05	1.44E-01	1.99E-02	6.20E-03	1.21E-10	3.22E-03	8.47E-06	5.86E-06	9.42E-05	5.85E-05	3.51E-04	5.56E-06	1.27E-04	1.73E-02	1.60E-03	2.06E-02
1901	NG_597	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.307	8.77E-02	1.84E-01	2.51E+00	1.28E-01	4.75E-05	1.94E-01	2.82E-02	8.79E-03	1.72E-10	4.56E-03	1.20E-05	8.31E-06	1.34E-04	8.30E-05	4.99E-04	7.88E-06	1.80E-04	2.46E-02	2.28E-03	2.93E-02
1902	NG_598	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.307	1.08E-01	2.28E-01	3.11E+00	1.57E-01	5.87E-05	2.30E-01	3.48E-02	1.09E-02	2.13E-10	5.64E-03	1.48E-05	1.03E-05	1.65E-04	1.03E-04	6.16E-04	9.74E-06	2.23E-04	3.04E-02	2.81E-03	3.62E-02
1903	NG_599	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.307	1.17E-01	2.46E-01	3.36E+00	1.69E-01	6.35E-05	2.41E-01	3.77E-02	1.18E-02	2.30E-10	6.10E-03	1.61E-05	1.11E-05	1.79E-04	1.11E-04	6.67E-04	1.05E-05	2.41E-04	3.29E-02	3.04E-03	3.92E-02
1920	NG_616	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.357	9.29E-03	1.95E-02	2.67E-01	1.46E-02	5.05E-06	2.20E-02	2.99E-03	9.31E-04	1.82E-11	4.84E-04	1.29E-06	9.09E-07	1.42E-05	8.83E-06	5.28E-05	8.37E-07	1.91E-05	2.61E-03	2.41E-04	3.11E-03
1921	NG_617	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.357	1.00E-02	2.10E-02	2.88E-01	1.57E-02	5.45E-06	2.38E-02	3.22E-03	1.00E-03	1.97E-11	5.22E-04	1.39E-06	9.81E-07	1.53E-05	9.53E-06	5.70E-05	9.03E-07	2.06E-05	2.81E-03	2.60E-04	3.35E-03
1922	NG_618	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.357	1.09E-02	2.30E-02	3.14E-01	1.71E-02	5.94E-06	2.60E-02	3.51E-03	1.10E-03	2.14E-11	5.69E-04	1.51E-06	1.07E-06	1.67E-05	1.04E-05	6.22E-05	9.85E-07	2.24E-05	3.06E-03	2.84E-04	3.65E-03

AQIA DATA - SCENARIO 1 GRID MAX

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.124**	**0.260**	**3.550**	**0.199**	**6.74E-05**	**0.358**	**0.040**	**0.012**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**0.035**	**0.003**	**0.041**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1923	NG_619	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.357	1.20E-02	2.51E-02	3.44E-01	1.87E-02	6.51E-06	2.86E-02	3.85E-03	1.20E-03	2.35E-11	6.24E-04	1.66E-06	1.17E-06	1.83E-05	1.14E-05	6.81E-05	1.08E-06	2.46E-05	3.36E-03	3.11E-04	4.00E-03
1924	NG_620	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.357	1.31E-02	2.75E-02	3.77E-01	2.04E-02	7.13E-06	3.13E-02	4.21E-03	1.31E-03	2.57E-11	6.83E-04	1.82E-06	1.29E-06	2.00E-05	1.25E-05	7.46E-05	1.18E-06	2.69E-05	3.68E-03	3.40E-04	4.38E-03
1925	NG_621	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.357	1.45E-02	3.04E-02	4.16E-01	2.24E-02	7.88E-06	3.45E-02	4.65E-03	1.45E-03	2.84E-11	7.55E-04	2.01E-06	1.42E-06	2.21E-05	1.38E-05	8.23E-05	1.30E-06	2.97E-05	4.06E-03	3.76E-04	4.84E-03
1926	NG_622	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.357	1.63E-02	3.43E-02	4.69E-01	2.52E-02	8.89E-06	3.89E-02	5.25E-03	1.64E-03	3.20E-11	8.51E-04	2.27E-06	1.61E-06	2.49E-05	1.55E-05	9.28E-05	1.47E-06	3.35E-05	4.58E-03	4.23E-04	5.46E-03
1927	NG_623	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.357	1.86E-02	3.92E-02	5.36E-01	2.87E-02	1.02E-05	4.44E-02	5.99E-03	1.87E-03	3.66E-11	9.72E-04	2.59E-06	1.84E-06	2.85E-05	1.77E-05	1.06E-04	1.68E-06	3.83E-05	5.23E-03	4.84E-04	6.23E-03
1928	NG_624	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.357	2.13E-02	4.47E-02	6.11E-01	3.25E-02	1.16E-05	5.05E-02	6.83E-03	2.13E-03	4.17E-11	1.11E-03	2.95E-06	2.10E-06	3.24E-05	2.02E-05	1.21E-04	1.92E-06	4.36E-05	5.96E-03	5.52E-04	7.11E-03
1929	NG_625	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.357	2.46E-02	5.16E-02	7.06E-01	3.74E-02	1.34E-05	5.84E-02	7.90E-03	2.46E-03	4.82E-11	1.28E-03	3.42E-06	2.43E-06	3.75E-05	2.34E-05	1.40E-04	2.22E-06	5.04E-05	6.89E-03	6.38E-04	8.21E-03
1930	NG_626	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.357	2.90E-02	6.10E-02	8.33E-01	4.40E-02	1.58E-05	6.90E-02	9.33E-03	2.91E-03	5.69E-11	1.51E-03	4.04E-06	2.88E-06	4.43E-05	2.76E-05	1.65E-04	2.62E-06	5.96E-05	8.14E-03	7.53E-04	9.70E-03
1931	NG_627	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.357	3.42E-02	7.19E-02	9.82E-01	5.16E-02	1.86E-05	8.13E-02	1.10E-02	3.43E-03	6.71E-11	1.78E-03	4.76E-06	3.40E-06	5.22E-05	3.26E-05	1.95E-04	3.09E-06	7.02E-05	9.60E-03	8.88E-04	1.14E-02
1932	NG_628	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.357	3.92E-02	8.23E-02	1.13E+00	5.90E-02	2.14E-05	9.35E-02	1.26E-02	3.93E-03	7.69E-11	2.04E-03	5.46E-06	3.90E-06	5.98E-05	3.73E-05	2.23E-04	3.54E-06	8.04E-05	1.10E-02	1.02E-03	1.31E-02
1933	NG_629	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.357	4.36E-02	9.15E-02	1.25E+00	6.59E-02	2.37E-05	1.06E-01	1.40E-02	4.37E-03	8.55E-11	2.27E-03	6.07E-06	4.33E-06	6.65E-05	4.15E-05	2.48E-04	3.93E-06	8.94E-05	1.22E-02	1.13E-03	1.46E-02
1934	NG_630	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.357	4.76E-02	1.00E-01	1.37E+00	7.28E-02	2.60E-05	1.19E-01	1.53E-02	4.77E-03	9.34E-11	2.48E-03	6.63E-06	4.73E-06	7.27E-05	4.54E-05	2.71E-04	4.29E-06	9.77E-05	1.34E-02	1.24E-03	1.59E-02
1961	NG_657	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.407	9.45E-03	1.98E-02	2.72E-01	1.50E-02	5.14E-06	2.28E-02	3.03E-03	9.47E-04	1.85E-11	4.92E-04	1.31E-06	9.22E-07	1.44E-05	8.98E-06	5.37E-05	8.51E-07	1.94E-05	2.65E-03	2.45E-04	3.16E-03
1962	NG_658	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.407	1.02E-02	2.15E-02	2.95E-01	1.63E-02	5.57E-06	2.49E-02	3.29E-03	1.03E-03	2.01E-11	5.34E-04	1.42E-06	1.00E-06	1.56E-05	9.74E-06	5.82E-05	9.23E-07	2.10E-05	2.87E-03	2.66E-04	3.42E-03
1963	NG_659	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.407	1.11E-02	2.33E-02	3.19E-01	1.76E-02	6.04E-06	2.71E-02	3.57E-03	1.11E-03	2.18E-11	5.79E-04	1.54E-06	1.09E-06	1.69E-05	1.06E-05	6.32E-05	1.00E-06	2.28E-05	3.11E-03	2.88E-04	3.71E-03
1964	NG_660	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.407	1.21E-02	2.54E-02	3.48E-01	1.91E-02	6.59E-06	2.96E-02	3.89E-03	1.21E-03	2.38E-11	6.31E-04	1.68E-06	1.18E-06	1.85E-05	1.15E-05	6.89E-05	1.09E-06	2.49E-05	3.40E-03	3.14E-04	4.05E-03
1965	NG_661	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.407	1.33E-02	2.79E-02	3.81E-01	2.09E-02	7.21E-06	3.24E-02	4.26E-03	1.33E-03	2.60E-11	6.91E-04	1.84E-06	1.30E-06	2.02E-05	1.26E-05	7.54E-05	1.19E-06	2.72E-05	3.72E-03	3.44E-04	4.43E-03
1966	NG_662	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.407	1.47E-02	3.09E-02	4.23E-01	2.31E-02	8.01E-06	3.61E-02	4.73E-03	1.48E-03	2.89E-11	7.67E-04	2.04E-06	1.44E-06	2.25E-05	1.40E-05	8.37E-05	1.33E-06	3.02E-05	4.13E-03	3.82E-04	4.92E-03
1967	NG_663	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.407	1.65E-02	3.47E-02	4.74E-01	2.57E-02	8.99E-06	4.04E-02	5.31E-03	1.66E-03	3.24E-11	8.61E-04	2.29E-06	1.62E-06	2.52E-05	1.57E-05	9.39E-05	1.49E-06	3.39E-05	4.63E-03	4.29E-04	5.52E-03
1968	NG_664	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.407	1.87E-02	3.93E-02	5.37E-01	2.90E-02	1.02E-05	4.56E-02	6.01E-03	1.87E-03	3.67E-11	9.74E-04	2.59E-06	1.83E-06	2.85E-05	1.78E-05	1.06E-04	1.68E-06	3.84E-05	5.24E-03	4.85E-04	6.25E-03
1969	NG_665	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.407	2.13E-02	4.48E-02	6.12E-01	3.29E-02	1.16E-05	5.20E-02	6.85E-03	2.14E-03	4.18E-11	1.11E-03	2.96E-06	2.09E-06	3.25E-05	2.03E-05	1.21E-04	1.92E-06	4.37E-05	5.98E-03	5.53E-04	7.12E-03
1970	NG_666	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.407	2.49E-02	5.23E-02	7.15E-01	3.82E-02	1.36E-05	6.09E-02	8.00E-03	2.50E-03	4.88E-11	1.30E-03	3.46E-06	2.45E-06	3.80E-05	2.37E-05	1.42E-04	2.24E-06	5.11E-05	6.98E-03	6.46E-04	8.32E-03
1971	NG_667	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.407	2.98E-02	6.25E-02	8.54E-01	4.54E-02	1.62E-05	7.25E-02	9.56E-03	2.98E-03	5.84E-11	1.55E-03	4.13E-06	2.93E-06	4.54E-05	2.83E-05	1.69E-04	2.68E-06	6.11E-05	8.34E-03	7.72E-04	9.94E-03
1972	NG_668	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.407	3.57E-02	7.49E-02	1.02E+00	5.40E-02	1.94E-05	8.62E-02	1.15E-02	3.58E-03	7.00E-11	1.86E-03	4.95E-06	3.52E-06	5.44E-05	3.39E-05	2.03E-04	3.22E-06	7.32E-05	1.00E-02	9.25E-04	1.19E-02
1973	NG_669	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.407	4.21E-02	8.85E-02	1.21E+00	6.36E-02	2.29E-05	1.02E-01	1.35E-02	4.22E-03	8.26E-11	2.20E-03	5.86E-06	4.17E-06	6.43E-05	4.01E-05	2.40E-04	3.80E-06	8.64E-05	1.18E-02	1.09E-03	1.41E-02
1974	NG_670	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.407	5.00E-02	1.05E-01	1.43E+00	7.59E-02	2.72E-05	1.23E-01	1.61E-02	5.01E-03	9.80E-11	2.61E-03	6.95E-06	4.95E-06	7.63E-05	4.76E-05	2.84E-04	4.51E-06	1.03E-04	1.40E-02	1.30E-03	1.67E-02
1975	NG_671	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.407	5.99E-02	1.26E-01	1.72E+00	9.14E-02	3.26E-05	1.50E-01	1.92E-02	6.00E-03	1.17E-10	3.12E-03	8.33E-06	5.94E-06	9.14E-05	5.70E-05	3.40E-04	5.40E-06	1.23E-04	1.68E-02	1.55E-03	2.00E-02
2002	NG_698	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.457	9.58E-03	2.01E-02	2.76E-01	1.54E-02	5.21E-06	2.35E-02	3.08E-03	9.61E-04	1.88E-11	4.99E-04	1.33E-06	9.34E-07	1.46E-05	9.11E-06	5.45E-05	8.63E-07	1.97E-05	2.69E-03	2.49E-04	3.20E-03
2003	NG_699	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.457	1.04E-02	2.18E-02	2.99E-01	1.67E-02	5.65E-06	2.57E-02	3.34E-03	1.04E-03	2.04E-11	5.41E-04	1.44E-06	1.01E-06	1.59E-05	9.88E-06	5.91E-05	9.36E-07	2.13E-05	2.91E-03	2.70E-04	3.47E-03
2004	NG_700	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.457	1.12E-02	2.36E-02	3.23E-01	1.79E-02	6.10E-06	2.77E-02	3.61E-03	1.13E-03	2.20E-11	5.85E-04	1.55E-06	1.10E-06	1.71E-05	1.07E-05	6.38E-05	1.01E-06	2.30E-05	3.15E-03	2.91E-04	3.75E-03
2005	NG_701	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.457	1.22E-02	2.56E-02	3.50E-01	1.93E-02	6.63E-06	3.01E-02	3.92E-03	1.22E-03	2.39E-11	6.35E-04	1.69E-06	1.19E-06	1.86E-05	1.16E-05	6.93E-05	1.10E-06	2.50E-05	3.42E-03	3.16E-04	4.07E-03
2006	NG_702	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.457	1.34E-02	2.82E-02	3.86E-01	2.12E-02	7.30E-06	3.33E-02	4.31E-03	1.35E-03	2.63E-11	6.99E-04	1.86E-06	1.31E-06	2.05E-05	1.28E-05	7.63E-05	1.21E-06	2.76E-05	3.76E-03	3.48E-04	4.48E-03
2007	NG_703	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.457	1.49E-02	3.13E-02	4.29E-01	2.35E-02	8.11E-06	3.72E-02	4.79E-03	1.50E-03	2.93E-11	7.77E-04	2.07E-06	1.46E-06	2.28E-05	1.42E-05	8.49E-05	1.34E-06	3.06E-05	4.18E-03	3.87E-04	4.99E-03
2008	NG_704	Nested Grid - 50m	Parks/ Recreation	Offsite	378.964	6367.457	1.67E-02	3.50E-02	4.79E-01	2.61E-02	9.07E-06	4.14E-02	5.36E-03	1.67E-03	3.27E-11	8.69E-04	2.31E-06	1.63E-06	2.54E-05	1.59E-05	9.49E-05	1.50E-06	3.42E-05	4.68E-03	4.33E-04	5.57E-03
2009	NG_705	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.457	1.88E-02	3.96E-02	5.41E-01	2.93E-02	1.02E-05	4.67E-02	6.05E-03	1.89E-03	3.70E-11	9.82E-04	2.61E-06	1.84E-06	2.87E-05	1.79E-05	1.07E-04	1.70E-06	3.87E-05	5.28E-03	4.89E-04	6.30E-03
2010	NG_706	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.457	2.15E-02	4.52E-02	6.17E-01	3.33E-02	1.17E-05	5.35E-02	6.91E-03	2.16E-03	4.22E-11	1.12E-03	2.98E-06	2.11E-06	3.28E-05	2.04E-05	1.22E-04	1.94E-06	4.41E-05	6.03E-03	5.58E-04	7.19E-03
2011	NG_707	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.457	2.53E-02	5.31E-02	7.25E-01	3.90E-02	1.37E-05	6.32E-02	8.12E-03	2.53E-03	4.96E-11	1.32E-03	3.50E-06	2.48E-06	3.86E-05	2.40E-05	1.44E-04	2.28E-06	5.19E-05	7.09E-03	6.56E-04	8.45E-03
2012	NG_708	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.457	3.04E-02	6.39E-02	8.73E-01	4.66E-02	1.65E-05	7.59E-02	9.77E-03	3.05E-03	5.97E-11	1.58E-03	4.22E-06	2.98E-06	4.64E-05	2.89E-05	1.73E-04	2.74E-06	6.24E-05	8.53E-03	7.89E-04	1.02E-02
2013	NG_709	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.457	3.67E-02	7.70E-02	1.05E+00	5.59E-02	2.00E-05	9.11E-02	1.18E-02	3.68E-03	7.20E-11	1.91E-03	5.09E-06	3.60E-06	5.60E-05	3.49E-05	2.09E-04	3.31E-06	7.53E-05	1.03E-02	9.52E-04	1.23E-02
2014	NG_710	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.457	4.36E-02	9.16E-02	1.25E+00	6.64E-02	2.37E-05	1.09E-01	1.40E-02	4.37E-03	8.55E-11	2.27E-03	6.05E-06	4.29E-06	6.65E-05	4.15E-05	2.48E-04	3.93E-06	8.95E-05	1.22E-02	1.13E-03	1.46E-02
2015	NG_711	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.457	5.38E-02	1.13E-01	1.54E+00	8.24E-02	2.93E-05	1.36E-01	1.73E-02	5.40E-03	1.06E-10	2.80E-03	7.47E-06	5.30E-06	8.21E-05	5.12E-05	3.06E-04	4.85E-06	1.10E-04	1.51E-02	1.40E-03	1.80E-02
2016	NG_712	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.457	6.92E-02	1.45E-01	1.98E+00	1.06E-01	3.76E-05	1.76E-01	2.22E-02	6.93E-03	1.36E-10	3.60E-03	9.60E-06	6.82E-06	1.06E-04	6.58E-05	3.93E-04	6.23E-06	1.42E-04	1.94E-02	1.79E-03	2.31E-02
2043	NG_739	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.507	9.58E-03	2.01E-02	2.76E-01	1.55E-02	5.21E-06	2.37E-02	3.08E-03	9.61E-04	1.88E-11	4.99E-04	1.33E-06	9.33E-07	1.46E-05	9.11E-06	5.45E-05	8.63E-07	1.97E-05	2.69E-03	2.49E-04	3.20E-03
2044	NG_740	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.507	1.04E-02	2.18E-02	2.98E-01	1.67E-02	5.64E-06	2.58E-02	3.33E-03	1.04E-03	2.04E-11	5.40E-04	1.43E-06	1.01E-06	1.58E-05	9.86E-06	5.90E-05	9.34E-07	2.13E-05	2.91E-03	2.69E-04	3.47E-03
2045	NG_741	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.507	1.12E-02	2.36E-02	3.22E-01	1.79E-02	6.10E-06	2.78E-02	3.60E-03	1.12E-03	2.20E-11	5.84E-04	1.55E-06	1.09E-06	1.71E-05	1.07E-05	6.38E-05	1.01E-06	2.30E-05	3.15E-03	2.91E-04	3.75E-03
2046	NG_742	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.507	1.22E-02	2.56E-02	3.51E-01	1.94E-02	6.64E-06	3.03E-02	3.92E-03	1.22E-03	2.39E-11	6.36E-04	1.69E-06	1.19E-06	1.86E-05	1.16E-05	6.94E-05	1.10E-06	2.51E-05	3.42E-03	3.17E-04	4.08E-03
2047	NG_743	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.507	1.34E-02	2.82E-02	3.86E-01	2.12E-02	7.30E-06	3.34E-02	4.31E-03	1.35E-03	2.63E-11	6.99E-04	1.86E-06	1.31E-06	2.05E-05	1.28E-05	7.63E-05	1.21E-06	2.76E-05	3.76E-03	3.48E-04	4.48E-03
2048	NG_744	Nested Grid - 50m	Parks/ Recreation	Offsite	378.914	6367.507	1.49E-02	3.14E-02	4.29E-01	2.35E-02	8.12E-06	3.73E-02	4.80E-03	1.50E-03	2.93E-11	7.78E-04	2.07E-06	1.46E-06	2.28E-05	1.42E-05	8.50E-05	1.35E-06	3.07E-05	4.19E-03	3.88E-04	4.99E-03
2049	NG_745	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.507	1.68E-02	3.52E-02	4.81E-01	2.62E-02	9.11E-06	4.19E-02	5.38E-03	1.68E-03	3.29E-11	8.73E-04	2.32E-06	1.64E-06	2.56E-05	1.59E-05	9.53E-05	1.51E-06	3.44E-05	4.70E-03	4.35E-04	5.60E-03
2050	NG_746	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.507	1.90E-02	3.98E-02	5.44E-01	2.94E-02	1.03E-05	4.74E-02	6.09E-03	1.90E-03	3.72E-11	9.88E-04	2.62E-06	1.85E-06	2.89E-05	1.80E-05	1.08E-04	1.71E-06	3.89E-05	5.32E-03	4.92E-04	6.34E-03
2051	NG_747	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.507	2.17E-02	4.55E-02	6.23E-01	3.35E-02	1.18E-05	5.44E-02	6.97E-03	2.17E-03	4.25E-11	1.13E-03	3.00E-06	2.12E-06	3.31E-05	2.06E-05	1.23E-04	1.95E-06	4.45E-05	6.08E-03	5.63E-04	7.25E-03
2052	NG_748	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.507	2.56E-02	5.38E-02	7.35E-01	3.94E-02	1.39E-05	6.47E-02	8.23E-03	2.57E-03	5.02E-11	1.33E-03	3.54E-06	2.50E-06	3.91E-05	2.43E-05	1.46E-04	2.31E-06	5.25E-05	7.18E-03	6.64E-04	8.55E-03
2053	NG_749	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.507	3.11E-02	6.53E-02	8.92E-01	4.78E-02	1.69E-05	7.88E-02	9.99E-03	3.12E-03	6.10E-11	1.62E-03	4.31E-06	3.04E-06	4.74E-05	2.96E-05	1.77E-04	2.80E-06	6.38E-05	8.72E-03	8.07E-04	1.04E-02
2054	NG_750	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.507	3.75E-02	7.87E-02	1.08E+00	5.73E-02	2.04E-05	9.49E-02	1.20E-02	3.76E-03	7.35E-11	1.95E-03	5.19E-06	3.67E-06	5.72E-05	3.56E-05	2.13E-04	3.38E-06	7.69E-05	1.05E-02	9.73E-04	1.25E-02
2055	NG_751	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.507	4.47E-02	9.37E-02	1.28E+00	6.84E-02	2.43E-05	1.14E-01	1.43E-02	4.48E-03	8.76E-11	2.33E-03	6.18E-06	4.37E-06	6.81E-05	4.24E-05	2.54E-04	4.02E-06	9.16E-05	1.25E-02	1.16E-03	1.49E-02
2056	NG_752	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.507	5.58E-02	1.17E-01	1.60E+00	8.59E-02	3.03E-05	1.45E-01	1.79E-02	5.59E-03	1.09E-10	2.91E-03	7.73E-06	5.47E-06	8.51E-05	5.30E-05	3.17E-04	5.02E-06	1.14E-04	1.56E-02	1.45E-03	1.86E-02
2057	NG_753	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.507	7.37E-02	1.55E-01	2.11E+00	1.14E-01	4.01E-05	1.94E-01	2.37E-02	7.39E-03	1.45E-10	3.84E-03	1.02E-05	7.23E-06	1.12E-04	7.01E-05	4.19E-04	6.64E-06	1.51E-04	2.07E-02	1.91E-03	2.46E-02
2084	NG_780	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.557	9.46E-03	1.99E-02	2.72E-01	1.52E-02	5.14E-06	2.33E-02	3.04E-03	9.49E-04	1.86E-11	4.93E-04	1.31E-06	9.21E-07	1.44E-05	8.99E-06	5.38E-05	8.52E-07	1.94E-05	2.65E-03	2.46E-04	3.16E-03
2085	NG_781	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.557	1.02E-02	2.15E-02	2.94E-01	1.64E-02	5.57E-06	2.53E-02	3.29E-03	1.03E-03	2.01E-11	5.33E-04	1.42E-06	9.97E-07	1.56E-05	9.73E-06	5.82E-05	9.22E-07	2.10E-05	2.87E-03	2.66E-04	3.42E-03
2086	NG_782	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.557	1.11E-02	2.33E-02	3.19E-01	1.76E-02	6.03E-06	2.74E-02	3.57E-03	1.11E-03	2.18E-11	5.78E-04	1.53E-06	1.08E-06	1.69E-05	1.05E-05	6.31E-05	1.00E-06	2.28E-05	3.11E-03	2.88E-04	3.71E-03
2087	NG_783	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.557	1.21E-02	2.55E-02	3.48E-01	1.91E-02	6.59E-06	3.00E-02	3.89E-03	1.21E-03	2.38E-11	6.31E-04	1.68E-06	1.18E-06	1.85E-05	1.15E-05	6.89E-05	1.09E-06	2.49E-05	3.40E-03	3.14E-04	4.05E-03
2088	NG_784	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.557	1.33E-02	2.80E-02	3.83E-01	2.10E-02	7.25E-06	3.32E-02	4.29E-03	1.34E-03	2.62E-11	6.95E-04	1.85E-06	1.30E-06	2.04E-05	1.27E-05	7.59E-05	1.20E-06	2.74E-05	3.74E-03	3.46E-04	4.46E-03
2089	NG_785	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.557	1.49E-02	3.12E-02	4.27E-01	2.33E-02	8.08E-06	3.71E-02	4.78E-03	1.49E-03	2.92E-11	7.75E-04	2.06E-06	1.45E-06	2.27E-05	1.41E-05	8.46E-05	1.34E-06	3.05E-05	4.17E-03	3.86E-04	4.97E-03
2090	NG_786	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.557	1.67E-02	3.51E-02	4.80E-01	2.60E-02	9.08E-06	4.18E-02	5.37E-03	1.68E-03	3.28E-11	8.70E-04	2.31E-06	1.63E-06	2.55E-05	1.59E-05	9.50E-05	1.50E-06	3.43E-05	4.69E-03	4.33E-04	5.58E-03
2091	NG_787	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.557	1.90E-02	3.98E-02	5.44E-01	2.93E-02	1.03E-05	4.75E-02	6.09E-03	1.90E-03	3.72E-11	9.87E-04	2.62E-06	1.85E-06	2.89E-05	1.80E-05	1.08E-04	1.71E-06	3.89E-05	5.31E-03	4.92E-04	6.33E-03
2092	NG_788	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.557	2.18E-02	4.57E-02	6.25E-01	3.36E-02	1.18E-05	5.49E-02	7.00E-03	2.18E-03	4.27E-11	1.13E-03	3.01E-06	2.13E-06	3.32E-05	2.07E-05	1.24E-04	1.96E-06	4.47E-05	6.11E-03	5.65E-04	7.28E-03
2093	NG_789	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.557	2.59E-02	5.44E-02	7.43E-01	3.99E-02	1.41E-05	6.59E-02	8.32E-03	2.60E-03	5.08E-11	1.35E-03	3.58E-06	2.53E-06	3.95E-05	2.46E-05	1.47E-04	2.33E-06	5.31E-05	7.26E-03	6.72E-04	8.65E-03
2094	NG_790	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.557	3.15E-02	6.62E-02	9.05E-01	4.85E-02	1.72E-05	8.07E-02	1.01E-02	3.16E-03	6.19E-11	1.64E-03	4.37E-06	3.08E-06	4.81E-05	3.00E-05	1.79E-04	2.84E-06	6.47E-05	8.84E-03	8.18E-04	1.05E-02
2095	NG_791	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.557	3.81E-02	8.00E-02	1.09E+00	5.83E-02	2.07E-05	9.76E-02	1.22E-02	3.82E-03	7.47E-11	1.98E-03	5.27E-06	3.72E-06	5.81E-05	3.62E-05	2.17E-04	3.43E-06	7.82E-05	1.07E-02	9.89E-04	1.27E-02
2096	NG_792	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.557	4.54E-02	9.54E-02	1.30E+00	6.98E-02	2.47E-05	1.18E-01	1.46E-02	4.56E-03	8.91E-11	2.37E-03	6.29E-06	4.44E-06	6.93E-05	4.32E-05	2.58E-04	4.09E-06	9.33E-05	1.27E-02	1.18E-03	1.52E-02
2097	NG_793	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.557	5.69E-02	1.19E-01	1.63E+00	8.80E-02	3.09E-05	1.51E-01	1.83E-02	5.70E-03	1.12E-10	2.96E-03	7.87E-06	5.57E-06	8.67E-05	5.41E-05	3.23E-04	5.12E-06	1.17E-04	1.59E-02	1.48E-03	1.90E-02
2098	NG_794	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.557	7.50E-02	1.58E-01	2.15E+00	1.17E-01	4.08E-05	2.02E-01	2.41E-02	7.52E-03	1.47E-10	3.91E-03	1.04E-05	7.35E-06	1.14E-04	7.13E-05	4.27E-04	6.76E-06	1.54E-04	2.10E-02	1.95E-03	2.51E-02
2099	NG_795	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.557	9.91E-02	2.08E-01	2.84E+00	1.54E-01	5.39E-05	2.69E-01	3.18E-02	9.94E-03	1.94E-10	5.16E-03	1.37E-05	9.71E-06	1.51E-04	9.42E-05	5.64E-04	8.93E-06	2.03E-04	2.78E-02	2.57E-03	3.31E-02
2125	NG_821	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.607	9.34E-03	1.96E-02	2.69E-01	1.49E-02	5.08E-06	2.29E-02	3.00E-03	9.36E-04	1.83E-11	4.86E-04	1.29E-06	9.09E-07	1.42E-05	8.87E-06	5.31E-05	8.41E-07	1.92E-05	2.62E-03	2.42E-04	3.12E-03
2126	NG_822	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.607	1.01E-02	2.13E-02	2.91E-01	1.62E-02	5.50E-06	2.50E-02	3.25E-03	1.02E-03	1.99E-11	5.28E-04	1.40E-06	9.86E-07	1.55E-05	9.62E-06	5.76E-05	9.12E-07	2.08E-05	2.84E-03	2.63E-04	3.38E-03
2127	NG_823	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.607	1.10E-02	2.32E-02	3.17E-01	1.75E-02	5.99E-06	2.73E-02	3.54E-03	1.11E-03	2.16E-11	5.74E-04	1.52E-06	1.07E-06	1.68E-05	1.05E-05	6.27E-05	9.93E-07	2.26E-05	3.09E-03	2.86E-04	3.68E-03
2128	NG_824	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.607	1.21E-02	2.53E-02	3.47E-01	1.90E-02	6.55E-06	2.99E-02	3.88E-03	1.21E-03	2.37E-11	6.28E-04	1.67E-06	1.17E-06	1.84E-05	1.15E-05	6.86E-05	1.09E-06	2.48E-05	3.38E-03	3.13E-04	4.03E-03
2129	NG_825	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.607	1.33E-02	2.78E-02	3.81E-01	2.08E-02	7.21E-06	3.30E-02	4.26E-03	1.33E-03	2.60E-11	6.91E-04	1.83E-06	1.29E-06	2.02E-05	1.26E-05	7.54E-05	1.19E-06	2.72E-05	3.72E-03	3.44E-04	4.43E-03
2130	NG_826	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.607	1.48E-02	3.10E-02	4.24E-01	2.31E-02	8.03E-06	3.69E-02	4.74E-03	1.48E-03	2.90E-11	7.69E-04	2.04E-06	1.44E-06	2.25E-05	1.40E-05	8.40E-05	1.33E-06	3.03E-05	4.14E-03	3.83E-04	4.93E-03
2131	NG_827	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.607	1.67E-02	3.50E-02	4.79E-01	2.59E-02	9.07E-06	4.18E-02	5.36E-03	1.67E-03	3.27E-11	8.69E-04	2.31E-06	1.63E-06	2.54E-05	1.58E-05	9.48E-05	1.50E-06	3.42E-05	4.68E-03	4.33E-04	5.57E-03
2132	NG_828	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.607	1.90E-02	4.00E-02	5.46E-01	2.96E-02	1.03E-05	4.80E-02	6.12E-03	1.91E-03	3.73E-11	9.92E-04	2.63E-06	1.86E-06	2.90E-05	1.81E-05	1.08E-04	1.71E-06	3.91E-05	5.34E-03	4.94E-04	6.36E-03
2133	NG_829	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.607	2.19E-02	4.60E-02	6.29E-01	3.40E-02	1.19E-05	5.57E-02	7.04E-03	2.20E-03	4.30E-11	1.14E-03	3.03E-06	2.14E-06	3.34E-05	2.08E-05	1.25E-04	1.97E-06	4.50E-05	6.15E-03	5.69E-04	7.33E-03
2134	NG_830	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.607	2.60E-02	5.46E-02	7.47E-01	4.03E-02	1.41E-05	6.68E-02	8.36E-03	2.61E-03	5.10E-11	1.36E-03	3.60E-06	2.54E-06	3.97E-05	2.47E-05	1.48E-04	2.34E-06	5.34E-05	7.30E-03	6.75E-04	8.69E-03

AQIA DATA - SCENARIO 1 GRID MAX

Annual Average Pollutant Concentration (µg/m3) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.124**	**0.260**	**3.550**	**0.199**	**6.74E-05**	**0.358**	**0.040**	**0.012**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**0.035**	**0.003**	**0.041**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2135	NG_831	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.607	3.17E-02	6.65E-02	9.08E-01	4.89E-02	1.72E-05	8.18E-02	1.02E-02	3.17E-03	6.21E-11	1.65E-03	4.38E-06	3.09E-06	4.83E-05	3.01E-05	1.80E-04	2.85E-06	6.50E-05	8.88E-03	8.22E-04	1.06E-02
2136	NG_832	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.607	3.85E-02	8.08E-02	1.10E+00	5.94E-02	2.09E-05	9.99E-02	1.24E-02	3.86E-03	7.54E-11	2.00E-03	5.32E-06	3.76E-06	5.87E-05	3.66E-05	2.19E-04	3.46E-06	7.89E-05	1.08E-02	9.98E-04	1.29E-02
2137	NG_833	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.607	4.60E-02	9.66E-02	1.32E+00	7.14E-02	2.50E-05	1.21E-01	1.48E-02	4.61E-03	9.02E-11	2.40E-03	6.37E-06	4.49E-06	7.02E-05	4.37E-05	2.62E-04	4.14E-06	9.44E-05	1.29E-02	1.19E-03	1.54E-02
2138	NG_834	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.607	5.69E-02	1.19E-01	1.63E+00	8.92E-02	3.09E-05	1.54E-01	1.83E-02	5.70E-03	1.12E-10	2.96E-03	7.88E-06	5.57E-06	8.68E-05	5.41E-05	3.24E-04	5.12E-06	1.17E-04	1.60E-02	1.48E-03	1.90E-02
2139	NG_835	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.607	7.32E-02	1.54E-01	2.10E+00	1.15E-01	3.98E-05	2.02E-01	2.35E-02	7.34E-03	1.44E-10	3.81E-03	1.01E-05	7.17E-06	1.12E-04	6.96E-05	4.16E-04	6.59E-06	1.50E-04	2.05E-02	1.90E-03	2.45E-02
2140	NG_836	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.607	9.39E-02	1.97E-01	2.69E+00	1.49E-01	5.11E-05	2.63E-01	3.02E-02	9.42E-03	1.84E-10	4.89E-03	1.30E-05	9.20E-06	1.43E-04	8.93E-05	5.34E-04	8.46E-06	1.93E-04	2.63E-02	2.44E-03	3.14E-02
2141	NG_837	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.607	1.24E-01	2.60E-01	3.55E+00	1.99E-01	6.74E-05	3.58E-01	3.98E-02	1.24E-02	2.43E-10	6.46E-03	1.72E-05	1.22E-05	1.89E-04	1.18E-04	7.05E-04	1.12E-05	2.54E-04	3.47E-02	3.21E-03	4.14E-02
2166	NG_862	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.657	9.29E-03	1.95E-02	2.67E-01	1.49E-02	5.05E-06	2.29E-02	2.98E-03	9.31E-04	1.82E-11	4.84E-04	1.28E-06	9.03E-07	1.42E-05	8.82E-06	5.28E-05	8.36E-07	1.91E-05	2.60E-03	2.41E-04	3.10E-03
2167	NG_863	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.657	1.01E-02	2.11E-02	2.89E-01	1.60E-02	5.47E-06	2.49E-02	3.23E-03	1.01E-03	1.97E-11	5.24E-04	1.39E-06	9.79E-07	1.54E-05	9.56E-06	5.72E-05	9.06E-07	2.07E-05	2.82E-03	2.61E-04	3.36E-03
2168	NG_864	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.657	1.09E-02	2.30E-02	3.14E-01	1.73E-02	5.94E-06	2.71E-02	3.51E-03	1.10E-03	2.14E-11	5.69E-04	1.51E-06	1.06E-06	1.67E-05	1.04E-05	6.22E-05	9.85E-07	2.24E-05	3.07E-03	2.84E-04	3.65E-03
2169	NG_865	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.657	1.20E-02	2.51E-02	3.44E-01	1.88E-02	6.50E-06	2.96E-02	3.84E-03	1.20E-03	2.35E-11	6.23E-04	1.65E-06	1.16E-06	1.82E-05	1.14E-05	6.80E-05	1.08E-06	2.45E-05	3.35E-03	3.10E-04	4.00E-03
2170	NG_866	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.657	1.32E-02	2.76E-02	3.78E-01	2.06E-02	7.15E-06	3.27E-02	4.23E-03	1.32E-03	2.58E-11	6.85E-04	1.82E-06	1.28E-06	2.01E-05	1.25E-05	7.48E-05	1.18E-06	2.70E-05	3.69E-03	3.41E-04	4.39E-03
2171	NG_867	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.657	1.46E-02	3.07E-02	4.20E-01	2.28E-02	7.95E-06	3.65E-02	4.70E-03	1.47E-03	2.87E-11	7.62E-04	2.02E-06	1.43E-06	2.23E-05	1.39E-05	8.32E-05	1.32E-06	3.00E-05	4.10E-03	3.80E-04	4.89E-03
2172	NG_868	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.657	1.65E-02	3.47E-02	4.74E-01	2.57E-02	8.98E-06	4.14E-02	5.31E-03	1.66E-03	3.24E-11	8.60E-04	2.28E-06	1.61E-06	2.52E-05	1.57E-05	9.39E-05	1.49E-06	3.39E-05	4.63E-03	4.28E-04	5.52E-03
2173	NG_869	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.657	1.89E-02	3.98E-02	5.44E-01	2.95E-02	1.03E-05	4.79E-02	6.08E-03	1.90E-03	3.71E-11	9.86E-04	2.62E-06	1.84E-06	2.89E-05	1.80E-05	1.08E-04	1.71E-06	3.89E-05	5.31E-03	4.91E-04	6.33E-03
2174	NG_870	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.657	2.18E-02	4.59E-02	6.27E-01	3.41E-02	1.19E-05	5.58E-02	7.02E-03	2.19E-03	4.28E-11	1.14E-03	3.02E-06	2.13E-06	3.33E-05	2.08E-05	1.24E-04	1.97E-06	4.48E-05	6.12E-03	5.67E-04	7.30E-03
2175	NG_871	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.657	2.57E-02	5.40E-02	7.38E-01	4.01E-02	1.40E-05	6.63E-02	8.26E-03	2.58E-03	5.04E-11	1.34E-03	3.56E-06	2.51E-06	3.92E-05	2.44E-05	1.46E-04	2.31E-06	5.28E-05	7.21E-03	6.67E-04	8.59E-03
2176	NG_872	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.657	3.11E-02	6.53E-02	8.92E-01	4.85E-02	1.69E-05	8.10E-02	9.98E-03	3.12E-03	6.10E-11	1.62E-03	4.30E-06	3.03E-06	4.74E-05	2.95E-05	1.77E-04	2.80E-06	6.38E-05	8.71E-03	8.06E-04	1.04E-02
2177	NG_873	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.657	3.79E-02	7.95E-02	1.09E+00	5.94E-02	2.06E-05	9.99E-02	1.22E-02	3.80E-03	7.43E-11	1.97E-03	5.24E-06	3.70E-06	5.78E-05	3.60E-05	2.15E-04	3.41E-06	7.78E-05	1.06E-02	9.83E-04	1.27E-02
2178	NG_874	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.657	4.53E-02	9.50E-02	1.30E+00	7.17E-02	2.46E-05	1.22E-01	1.45E-02	4.54E-03	8.88E-11	2.36E-03	6.26E-06	4.42E-06	6.90E-05	4.30E-05	2.57E-04	4.08E-06	9.29E-05	1.27E-02	1.17E-03	1.51E-02
2179	NG_875	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.657	5.44E-02	1.14E-01	1.56E+00	8.72E-02	2.96E-05	1.50E-01	1.75E-02	5.46E-03	1.07E-10	2.84E-03	7.54E-06	5.32E-06	8.30E-05	5.17E-05	3.10E-04	4.90E-06	1.12E-04	1.53E-02	1.41E-03	1.82E-02
2180	NG_876	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.657	6.69E-02	1.40E-01	1.92E+00	1.08E-01	3.64E-05	1.87E-01	2.15E-02	6.71E-03	1.31E-10	3.49E-03	9.27E-06	6.56E-06	1.02E-04	6.36E-05	3.80E-04	6.03E-06	1.37E-04	1.88E-02	1.74E-03	2.24E-02
2181	NG_877	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.657	8.30E-02	1.74E-01	2.38E+00	1.34E-01	4.51E-05	2.36E-01	2.67E-02	8.32E-03	1.63E-10	4.32E-03	1.15E-05	8.15E-06	1.27E-04	7.89E-05	4.72E-04	7.48E-06	1.70E-04	2.33E-02	2.15E-03	2.77E-02
2182	NG_878	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.657	1.05E-01	2.19E-01	2.99E+00	1.70E-01	5.69E-05	3.04E-01	3.36E-02	1.05E-02	2.05E-10	5.44E-03	1.45E-05	1.03E-05	1.59E-04	9.94E-05	5.94E-04	9.42E-06	2.14E-04	2.93E-02	2.71E-03	3.49E-02
2207	NG_903	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.707	9.25E-03	1.94E-02	2.66E-01	1.48E-02	5.03E-06	2.28E-02	2.97E-03	9.28E-04	1.81E-11	4.82E-04	1.28E-06	8.99E-07	1.41E-05	8.79E-06	5.26E-05	8.33E-07	1.90E-05	2.59E-03	2.40E-04	3.09E-03
2208	NG_904	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.707	1.00E-02	2.11E-02	2.88E-01	1.60E-02	5.45E-06	2.48E-02	3.22E-03	1.00E-03	1.97E-11	5.22E-04	1.38E-06	9.74E-07	1.53E-05	9.52E-06	5.70E-05	9.03E-07	2.06E-05	2.81E-03	2.60E-04	3.35E-03
2209	NG_905	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.707	1.09E-02	2.28E-02	3.12E-01	1.72E-02	5.90E-06	2.68E-02	3.49E-03	1.09E-03	2.13E-11	5.65E-04	1.50E-06	1.06E-06	1.66E-05	1.03E-05	6.17E-05	9.77E-07	2.23E-05	3.04E-03	2.82E-04	3.63E-03
2210	NG_906	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.707	1.18E-02	2.48E-02	3.40E-01	1.86E-02	6.43E-06	2.92E-02	3.80E-03	1.19E-03	2.32E-11	6.16E-04	1.63E-06	1.15E-06	1.80E-05	1.12E-05	6.72E-05	1.06E-06	2.43E-05	3.32E-03	3.07E-04	3.95E-03
2211	NG_907	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.707	1.30E-02	2.73E-02	3.74E-01	2.04E-02	7.07E-06	3.23E-02	4.18E-03	1.30E-03	2.55E-11	6.78E-04	1.80E-06	1.27E-06	1.98E-05	1.24E-05	7.40E-05	1.17E-06	2.67E-05	3.65E-03	3.38E-04	4.35E-03
2212	NG_908	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.707	1.44E-02	3.03E-02	4.14E-01	2.26E-02	7.84E-06	3.59E-02	4.63E-03	1.45E-03	2.83E-11	7.51E-04	1.99E-06	1.40E-06	2.20E-05	1.37E-05	8.20E-05	1.30E-06	2.96E-05	4.04E-03	3.74E-04	4.82E-03
2213	NG_909	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.707	1.63E-02	3.42E-02	4.67E-01	2.55E-02	8.85E-06	4.09E-02	5.23E-03	1.63E-03	3.19E-11	8.48E-04	2.25E-06	1.59E-06	2.48E-05	1.55E-05	9.26E-05	1.47E-06	3.34E-05	4.56E-03	4.22E-04	5.44E-03
2214	NG_910	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.707	1.86E-02	3.91E-02	5.34E-01	2.92E-02	1.01E-05	4.71E-02	5.97E-03	1.86E-03	3.65E-11	9.69E-04	2.57E-06	1.81E-06	2.84E-05	1.77E-05	1.06E-04	1.67E-06	3.82E-05	5.21E-03	4.82E-04	6.21E-03
2215	NG_911	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.707	2.14E-02	4.49E-02	6.14E-01	3.37E-02	1.16E-05	5.49E-02	6.88E-03	2.15E-03	4.20E-11	1.11E-03	2.96E-06	2.09E-06	3.26E-05	2.03E-05	1.22E-04	1.93E-06	4.39E-05	6.00E-03	5.55E-04	7.15E-03
2216	NG_912	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.707	2.48E-02	5.20E-02	7.11E-01	3.90E-02	1.35E-05	6.41E-02	7.96E-03	2.48E-03	4.86E-11	1.29E-03	3.43E-06	2.42E-06	3.78E-05	2.36E-05	1.41E-04	2.23E-06	5.09E-05	6.95E-03	6.43E-04	8.28E-03
2217	NG_913	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.707	2.97E-02	6.23E-02	8.51E-01	4.70E-02	1.61E-05	7.78E-02	9.53E-03	2.97E-03	5.82E-11	1.54E-03	4.10E-06	2.89E-06	4.52E-05	2.82E-05	1.69E-04	2.67E-06	6.09E-05	8.32E-03	7.69E-04	9.91E-03
2218	NG_914	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.707	3.60E-02	7.55E-02	1.03E+00	5.75E-02	1.96E-05	9.61E-02	1.16E-02	3.61E-03	7.05E-11	1.87E-03	4.98E-06	3.51E-06	5.49E-05	3.42E-05	2.05E-04	3.24E-06	7.38E-05	1.01E-02	9.33E-04	1.20E-02
2219	NG_915	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.707	4.26E-02	8.94E-02	1.22E+00	6.89E-02	2.32E-05	1.16E-01	1.37E-02	4.27E-03	8.35E-11	2.22E-03	5.89E-06	4.16E-06	6.50E-05	4.05E-05	2.42E-04	3.84E-06	8.74E-05	1.19E-02	1.11E-03	1.42E-02
2220	NG_916	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.707	4.94E-02	1.04E-01	1.41E+00	8.03E-02	2.68E-05	1.37E-01	1.59E-02	4.95E-03	9.68E-11	2.57E-03	6.83E-06	4.82E-06	7.53E-05	4.69E-05	2.81E-04	4.44E-06	1.01E-04	1.38E-02	1.28E-03	1.65E-02
2221	NG_917	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.707	5.78E-02	1.21E-01	1.66E+00	9.42E-02	3.15E-05	1.63E-01	1.86E-02	5.80E-03	1.13E-10	3.01E-03	8.02E-06	5.67E-06	8.82E-05	5.50E-05	3.29E-04	5.21E-06	1.19E-04	1.62E-02	1.50E-03	1.93E-02
2222	NG_918	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.707	6.98E-02	1.47E-01	2.00E+00	1.13E-01	3.80E-05	1.98E-01	2.24E-02	6.99E-03	1.37E-10	3.64E-03	9.68E-06	6.86E-06	1.06E-04	6.64E-05	3.97E-04	6.29E-06	1.43E-04	1.96E-02	1.81E-03	2.33E-02
2223	NG_919	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.707	8.76E-02	1.84E-01	2.51E+00	1.43E-01	4.77E-05	2.52E-01	2.82E-02	8.78E-03	1.72E-10	4.57E-03	1.22E-05	8.62E-06	1.34E-04	8.34E-05	4.98E-04	7.90E-06	1.80E-04	2.46E-02	2.27E-03	2.93E-02
2248	NG_944	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.757	9.13E-03	1.92E-02	2.63E-01	1.46E-02	4.96E-06	2.24E-02	2.93E-03	9.16E-04	1.79E-11	4.76E-04	1.26E-06	8.87E-07	1.39E-05	8.68E-06	5.19E-05	8.22E-07	1.88E-05	2.56E-03	2.37E-04	3.05E-03
2249	NG_945	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.757	9.87E-03	2.07E-02	2.84E-01	1.58E-02	5.36E-06	2.43E-02	3.17E-03	9.89E-04	1.94E-11	5.14E-04	1.36E-06	9.59E-07	1.51E-05	9.37E-06	5.61E-05	8.89E-07	2.03E-05	2.77E-03	2.56E-04	3.30E-03
2250	NG_946	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.757	1.07E-02	2.24E-02	3.07E-01	1.70E-02	5.81E-06	2.63E-02	3.43E-03	1.07E-03	2.10E-11	5.57E-04	1.48E-06	1.04E-06	1.63E-05	1.01E-05	6.08E-05	9.62E-07	2.19E-05	3.00E-03	2.77E-04	3.57E-03
2251	NG_947	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.757	1.16E-02	2.44E-02	3.34E-01	1.84E-02	6.32E-06	2.87E-02	3.74E-03	1.17E-03	2.28E-11	6.06E-04	1.61E-06	1.13E-06	1.77E-05	1.10E-05	6.61E-05	1.05E-06	2.39E-05	3.26E-03	3.02E-04	3.89E-03
2252	NG_948	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.757	1.28E-02	2.68E-02	3.67E-01	2.02E-02	6.94E-06	3.16E-02	4.10E-03	1.28E-03	2.50E-11	6.65E-04	1.76E-06	1.24E-06	1.95E-05	1.21E-05	7.26E-05	1.15E-06	2.62E-05	3.58E-03	3.31E-04	4.27E-03
2253	NG_949	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.757	1.42E-02	2.97E-02	4.07E-01	2.24E-02	7.70E-06	3.53E-02	4.55E-03	1.42E-03	2.78E-11	7.38E-04	1.96E-06	1.38E-06	2.16E-05	1.35E-05	8.05E-05	1.28E-06	2.91E-05	3.97E-03	3.67E-04	4.73E-03
2254	NG_950	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.757	1.59E-02	3.34E-02	4.56E-01	2.51E-02	8.63E-06	3.99E-02	5.10E-03	1.59E-03	3.12E-11	8.27E-04	2.20E-06	1.55E-06	2.42E-05	1.51E-05	9.03E-05	1.43E-06	3.26E-05	4.45E-03	4.12E-04	5.31E-03
2255	NG_951	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.757	1.80E-02	3.79E-02	5.18E-01	2.86E-02	9.80E-06	4.58E-02	5.80E-03	1.81E-03	3.54E-11	9.40E-04	2.49E-06	1.76E-06	2.75E-05	1.71E-05	1.03E-04	1.62E-06	3.70E-05	5.06E-03	4.68E-04	6.03E-03
2256	NG_952	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.757	2.06E-02	4.33E-02	5.92E-01	3.28E-02	1.12E-05	5.29E-02	6.62E-03	2.07E-03	4.04E-11	1.07E-03	2.85E-06	2.01E-06	3.14E-05	1.96E-05	1.17E-04	1.86E-06	4.23E-05	5.78E-03	5.35E-04	6.89E-03
2257	NG_953	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.757	2.37E-02	4.98E-02	6.80E-01	3.80E-02	1.29E-05	6.17E-02	7.62E-03	2.38E-03	4.65E-11	1.23E-03	3.28E-06	2.31E-06	3.62E-05	2.25E-05	1.35E-04	2.13E-06	4.87E-05	6.65E-03	6.15E-04	7.92E-03
2258	NG_954	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.757	2.78E-02	5.83E-02	7.97E-01	4.47E-02	1.51E-05	7.33E-02	8.92E-03	2.78E-03	5.45E-11	1.45E-03	3.84E-06	2.71E-06	4.24E-05	2.64E-05	1.58E-04	2.50E-06	5.70E-05	7.79E-03	7.20E-04	9.28E-03
2259	NG_955	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.757	3.29E-02	6.91E-02	9.44E-01	5.34E-02	1.79E-05	8.85E-02	1.06E-02	3.30E-03	6.45E-11	1.71E-03	4.55E-06	3.21E-06	5.02E-05	3.13E-05	1.87E-04	2.96E-06	6.75E-05	9.23E-03	8.54E-04	1.10E-02
2260	NG_956	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.757	3.83E-02	8.04E-02	1.10E+00	6.26E-02	2.08E-05	1.04E-01	1.23E-02	3.84E-03	7.51E-11	2.00E-03	5.30E-06	3.74E-06	5.84E-05	3.64E-05	2.18E-04	3.45E-06	7.86E-05	1.07E-02	9.94E-04	1.28E-02
2261	NG_957	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.757	4.33E-02	9.10E-02	1.24E+00	7.10E-02	2.36E-05	1.19E-01	1.39E-02	4.34E-03	8.50E-11	2.26E-03	6.00E-06	4.24E-06	6.61E-05	4.12E-05	2.46E-04	3.90E-06	8.89E-05	1.21E-02	1.12E-03	1.45E-02
2262	NG_958	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.757	4.94E-02	1.04E-01	1.42E+00	8.09E-02	2.69E-05	1.38E-01	1.59E-02	4.95E-03	9.69E-11	2.57E-03	6.85E-06	4.84E-06	7.54E-05	4.70E-05	2.81E-04	4.45E-06	1.01E-04	1.39E-02	1.28E-03	1.65E-02
2263	NG_959	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.757	5.92E-02	1.24E-01	1.70E+00	9.67E-02	3.22E-05	1.66E-01	1.90E-02	5.93E-03	1.16E-10	3.08E-03	8.20E-06	5.81E-06	9.03E-05	5.63E-05	3.36E-04	5.33E-06	1.21E-04	1.66E-02	1.53E-03	1.98E-02
2264	NG_960	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.757	7.39E-02	1.55E-01	2.12E+00	1.20E-01	4.02E-05	2.08E-01	2.37E-02	7.41E-03	1.45E-10	3.85E-03	1.02E-05	7.26E-06	1.13E-04	7.03E-05	4.20E-04	6.66E-06	1.52E-04	2.07E-02	1.92E-03	2.47E-02
2289	NG_985	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.807	8.89E-03	1.87E-02	2.56E-01	1.42E-02	4.83E-06	2.15E-02	2.86E-03	8.91E-04	1.74E-11	4.63E-04	1.23E-06	8.63E-07	1.36E-05	8.44E-06	5.05E-05	8.00E-07	1.82E-05	2.49E-03	2.31E-04	2.97E-03
2290	NG_986	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.807	9.55E-03	2.01E-02	2.75E-01	1.52E-02	5.19E-06	2.32E-02	3.07E-03	9.57E-04	1.87E-11	4.97E-04	1.32E-06	9.28E-07	1.46E-05	9.07E-06	5.43E-05	8.60E-07	1.96E-05	2.68E-03	2.48E-04	3.19E-03
2291	NG_987	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.807	1.04E-02	2.18E-02	2.98E-01	1.65E-02	5.63E-06	2.53E-02	3.33E-03	1.04E-03	2.03E-11	5.40E-04	1.43E-06	1.01E-06	1.58E-05	9.84E-06	5.89E-05	9.33E-07	2.13E-05	2.91E-03	2.69E-04	3.46E-03
2292	NG_988	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.807	1.13E-02	2.38E-02	3.26E-01	1.80E-02	6.16E-06	2.79E-02	3.64E-03	1.14E-03	2.22E-11	5.91E-04	1.57E-06	1.10E-06	1.73E-05	1.08E-05	6.45E-05	1.02E-06	2.33E-05	3.18E-03	2.94E-04	3.79E-03
2293	NG_989	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.807	1.24E-02	2.60E-02	3.56E-01	1.97E-02	6.74E-06	3.06E-02	3.98E-03	1.24E-03	2.43E-11	6.46E-04	1.71E-06	1.21E-06	1.89E-05	1.18E-05	7.05E-05	1.12E-06	2.55E-05	3.48E-03	3.22E-04	4.14E-03
2294	NG_990	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.807	1.37E-02	2.87E-02	3.93E-01	2.17E-02	7.42E-06	3.39E-02	4.39E-03	1.37E-03	2.68E-11	7.12E-04	1.89E-06	1.33E-06	2.08E-05	1.30E-05	7.77E-05	1.23E-06	2.80E-05	3.83E-03	3.54E-04	4.56E-03
2295	NG_991	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.807	1.53E-02	3.20E-02	4.38E-01	2.44E-02	8.29E-06	3.83E-02	4.90E-03	1.53E-03	2.99E-11	7.95E-04	2.11E-06	1.48E-06	2.33E-05	1.45E-05	8.68E-05	1.37E-06	3.13E-05	4.28E-03	3.96E-04	5.10E-03
2296	NG_992	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.807	1.74E-02	3.65E-02	4.99E-01	2.80E-02	9.45E-06	4.43E-02	5.58E-03	1.74E-03	3.41E-11	9.05E-04	2.40E-06	1.69E-06	2.65E-05	1.65E-05	9.88E-05	1.57E-06	3.57E-05	4.87E-03	4.51E-04	5.81E-03
2297	NG_993	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.807	1.97E-02	4.13E-02	5.65E-01	3.19E-02	1.07E-05	5.08E-02	6.32E-03	1.97E-03	3.86E-11	1.02E-03	2.72E-06	1.92E-06	3.00E-05	1.87E-05	1.12E-04	1.77E-06	4.04E-05	5.52E-03	5.11E-04	6.57E-03
2298	NG_994	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.807	2.24E-02	4.70E-02	6.43E-01	3.65E-02	1.22E-05	5.85E-02	7.19E-03	2.24E-03	4.39E-11	1.17E-03	3.09E-06	2.18E-06	3.41E-05	2.13E-05	1.27E-04	2.02E-06	4.60E-05	6.28E-03	5.81E-04	7.48E-03
2299	NG_995	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.807	2.55E-02	5.36E-02	7.32E-01	4.17E-02	1.39E-05	6.77E-02	8.20E-03	2.56E-03	5.01E-11	1.33E-03	3.53E-06	2.49E-06	3.89E-05	2.43E-05	1.45E-04	2.30E-06	5.24E-05	7.16E-03	6.62E-04	8.53E-03
2300	NG_996	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.807	2.96E-02	6.21E-02	8.49E-01	4.87E-02	1.61E-05	7.98E-02	9.51E-03	2.97E-03	5.80E-11	1.54E-03	4.09E-06	2.89E-06	4.51E-05	2.81E-05	1.68E-04	2.66E-06	6.07E-05	8.30E-03	7.68E-04	9.89E-03
2301	NG_997	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.807	3.40E-02	7.14E-02	9.76E-01	5.61E-02	1.85E-05	9.27E-02	1.09E-02	3.41E-03	6.67E-11	1.77E-03	4.71E-06	3.32E-06	5.19E-05	3.23E-05	1.93E-04	3.06E-06	6.98E-05	9.54E-03	8.82E-04	1.14E-02
2302	NG_998	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.807	3.86E-02	8.11E-02	1.11E+00	6.36E-02	2.10E-05	1.06E-01	1.24E-02	3.87E-03	7.57E-11	2.01E-03	5.34E-06	3.77E-06	5.89E-05	3.67E-05	2.20E-04	3.48E-06	7.92E-05	1.08E-02	1.00E-03	1.29E-02
2303	NG_999	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.807	4.41E-02	9.27E-02	1.27E+00	7.26E-02	2.40E-05	1.21E-01	1.42E-02	4.42E-03	8.66E-11	2.30E-03	6.11E-06	4.32E-06	6.73E-05	4.20E-05	2.51E-04	3.98E-06	9.06E-05	1.24E-02	1.15E-03	1.48E-02
2304	NG_1000	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.807	5.22E-02	1.10E-01	1.50E+00	8.52E-02	2.84E-05	1.43E-01	1.68E-02	5.23E-03	1.02E-10	2.72E-03	7.23E-06	5.11E-06	7.96E-05	4.96E-05	2.97E-04	4.70E-06	1.07E-04	1.46E-02	1.35E-03	1.74E-02
2305	NG_1001	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.807	6.28E-02	1.32E-01	1.80E+00	1.01E-01	3.41E-05	1.72E-01	2.02E-02	6.29E-03	1.23E-10	3.27E-03	8.70E-06	6.15E-06	9.58E-05	5.97E-05	3.57E-04	5.66E-06	1.29E-04	1.76E-02	1.63E-03	2.10E-02
2306	NG_1002	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.807	7.17E-02	1.51E-01	2.06E+00	1.15E-01	3.90E-05	1.96E-01	2.30E-02	7.19E-03	1.41E-10	3.73E-03	9.92E-06	7.00E-06	1.09E-04	6.81E-05	4.08E-04	6.46E-06	1.47E-04	2.01E-02	1.86E-03	2.40E-02
2330	NG_1026	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.857	8.62E-03	1.81E-02	2.48E-01	1.38E-02	4.68E-06	2.07E-02	2.77E-03	8.64E-04	1.69E-11	4.49E-04	1.19E-06	8.38E-07	1.32E-05	8.19E-06	4.90E-05	7.76E-07	1.77E-05	2.42E-03	2.24E-04	2.88E-03
2331	NG_1027	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.857	9.23E-03	1.94E-02	2.66E-01	1.47E-02	5.02E-06	2.22E-02	2.97E-03	9.25E-04	1.81E-11	4.81E-04	1.28E-06	8.97E-07	1.41E-05	8.77E-06	5.25E-05	8.31E-07	1.90E-05	2.59E-03	2.40E-04	3.08E-03
2332	NG_1028	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.857	1.00E-02	2.11E-02	2.89E-01	1.60E-02	5.45E-06	2.43E-02	3.22E-03	1.01E-03	1.97E-11	5.23E-04	1.39E-06	9.76E-07	1.53E-05	9.53E-06	5.71E-05	9.04E-07	2.06E-05	2.81E-03	2.60E-04	3.35E-03
2333	NG_1029	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.857	1.10E-02	2.30E-02	3.15E-01	1.75E-02	5.95E-06	2.68E-02	3.52E-03	1.10E-03	2.15E-11	5.70E-04	1.51E-06	1.06E-06	1.67E-05	1.04E-05	6.23E-05	9.86E-07	2.25E-05	3.07E-03	2.84E-04	3.66E-03
2334	NG_1030	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.857	1.19E-02	2.51E-02	3.43E-01	1.91E-02	6.49E-06	2.94E-02	3.84E-03	1.20E-03	2.34E-11	6.22E-04	1.65E-06	1.16E-06	1.82E-05	1.13E-05	6.79E-05	1.08E-06	2.45E-05	3.35E-03	3.10E-04	3.99E-03
2335	NG_1031	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.857	1.30E-02	2.73E-02	3.74E-01	2.09E-02	7.07E-06	3.22E-02	4.18E-03	1.31E-03	2.55E-11	6.78E-04	1.80E-06	1.27E-06	1.99E-05	1.24E-05	7.40E-05	1.17E-06	2.67E-05	3.65E-03	3.38E-04	4.35E-03
2336	NG_1032	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.857	1.45E-02	3.04E-02	4.17E-01	2.34E-02	7.88E-06	3.63E-02	4.66E-03	1.45E-03	2.84E-11	7.55E-04	2.00E-06	1.41E-06	2.21E-05	1.38E-05	8.24E-05	1.31E-06	2.98E-05	4.06E-03	3.76E-04	4.84E-03

AQIA DATA - SCENARIO 1 GRID MAX

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							0.124	0.260	3.550	0.199	6.74E-05	0.358	0.040	0.012	2.43E-10	6.46E-03	1.72E-05	1.22E-05	1.89E-04	1.18E-04	7.05E-04	1.12E-05	2.54E-04	0.035	0.003	0.041
Receptor ID of Maximum Offsite Concentration / Deposition Rate							NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837
Coordinates of Maximum Offsite Concentration/ Deposition Rate						X	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464
						Y	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607
2337	NG_1033	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.857	1.65E-02	3.46E-02	4.73E-01	2.69E-02	8.94E-06	4.21E-02	5.29E-03	1.65E-03	3.23E-11	8.57E-04	2.27E-06	1.60E-06	2.51E-05	1.56E-05	9.36E-05	1.48E-06	3.38E-05	4.61E-03	4.27E-04	5.50E-03
2338	NG_1034	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.857	1.86E-02	3.91E-02	5.34E-01	3.07E-02	1.01E-05	4.84E-02	5.98E-03	1.87E-03	3.65E-11	9.69E-04	2.57E-06	1.81E-06	2.84E-05	1.77E-05	1.06E-04	1.68E-06	3.82E-05	5.22E-03	4.83E-04	6.22E-03
2339	NG_1035	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.857	2.08E-02	4.36E-02	5.97E-01	3.43E-02	1.13E-05	5.45E-02	6.68E-03	2.08E-03	4.08E-11	1.08E-03	2.87E-06	2.02E-06	3.17E-05	1.97E-05	1.18E-04	1.87E-06	4.27E-05	5.83E-03	5.39E-04	6.94E-03
2340	NG_1036	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.857	2.33E-02	4.89E-02	6.69E-01	3.86E-02	1.27E-05	6.18E-02	7.48E-03	2.33E-03	4.57E-11	1.21E-03	3.22E-06	2.27E-06	3.55E-05	2.21E-05	1.32E-04	2.10E-06	4.78E-05	6.53E-03	6.04E-04	7.78E-03
2341	NG_1037	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.857	2.66E-02	5.58E-02	7.63E-01	4.42E-02	1.44E-05	7.15E-02	8.54E-03	2.66E-03	5.21E-11	1.38E-03	3.68E-06	2.59E-06	4.05E-05	2.53E-05	1.51E-04	2.39E-06	5.46E-05	7.45E-03	6.90E-04	8.88E-03
2342	NG_1038	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.857	3.06E-02	6.43E-02	8.78E-01	5.09E-02	1.66E-05	8.30E-02	9.83E-03	3.07E-03	6.00E-11	1.59E-03	4.24E-06	2.99E-06	4.67E-05	2.91E-05	1.74E-04	2.76E-06	6.28E-05	8.58E-03	7.94E-04	1.02E-02
2343	NG_1039	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.857	3.55E-02	7.45E-02	1.02E+00	5.87E-02	1.93E-05	9.61E-02	1.14E-02	3.56E-03	6.96E-11	1.85E-03	4.91E-06	3.47E-06	5.41E-05	3.37E-05	2.02E-04	3.20E-06	7.28E-05	9.95E-03	9.20E-04	1.19E-02
2344	NG_1040	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.857	4.12E-02	8.65E-02	1.18E+00	6.77E-02	2.24E-05	1.11E-01	1.32E-02	4.13E-03	8.08E-11	2.15E-03	5.70E-06	4.03E-06	6.28E-05	3.92E-05	2.34E-04	3.71E-06	8.46E-05	1.16E-02	1.07E-03	1.38E-02
2345	NG_1041	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.857	4.78E-02	1.00E-01	1.37E+00	7.77E-02	2.60E-05	1.28E-01	1.54E-02	4.79E-03	9.37E-11	2.49E-03	6.62E-06	4.67E-06	7.29E-05	4.54E-05	2.72E-04	4.30E-06	9.81E-05	1.34E-02	1.24E-03	1.60E-02
2346	NG_1042	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.857	5.44E-02	1.14E-01	1.56E+00	8.76E-02	2.96E-05	1.46E-01	1.75E-02	5.45E-03	1.07E-10	2.83E-03	7.53E-06	5.31E-06	8.30E-05	5.17E-05	3.09E-04	4.90E-06	1.12E-04	1.53E-02	1.41E-03	1.82E-02
2347	NG_1043	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.857	5.91E-02	1.24E-01	1.70E+00	9.42E-02	3.21E-05	1.59E-01	1.90E-02	5.93E-03	1.16E-10	3.08E-03	8.17E-06	5.76E-06	9.02E-05	5.62E-05	3.36E-04	5.32E-06	1.21E-04	1.66E-02	1.53E-03	1.98E-02
2371	NG_1067	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.907	8.42E-03	1.77E-02	2.42E-01	1.35E-02	4.57E-06	2.01E-02	2.71E-03	8.44E-04	1.65E-11	4.39E-04	1.16E-06	8.18E-07	1.28E-05	8.00E-06	4.79E-05	7.58E-07	1.73E-05	2.36E-03	2.18E-04	2.81E-03
2372	NG_1068	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.907	8.99E-03	1.89E-02	2.59E-01	1.44E-02	4.88E-06	2.15E-02	2.89E-03	9.01E-04	1.76E-11	4.68E-04	1.24E-06	8.73E-07	1.37E-05	8.54E-06	5.11E-05	8.09E-07	1.85E-05	2.52E-03	2.33E-04	3.00E-03
2373	NG_1069	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.907	9.73E-03	2.04E-02	2.80E-01	1.57E-02	5.28E-06	2.35E-02	3.13E-03	9.75E-04	1.91E-11	5.07E-04	1.34E-06	9.45E-07	1.48E-05	9.24E-06	5.53E-05	8.76E-07	2.00E-05	2.73E-03	2.52E-04	3.25E-03
2374	NG_1070	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.907	1.06E-02	2.22E-02	3.04E-01	1.71E-02	5.74E-06	2.58E-02	3.39E-03	1.06E-03	2.07E-11	5.50E-04	1.46E-06	1.03E-06	1.61E-05	1.00E-05	6.01E-05	9.51E-07	2.17E-05	2.96E-03	2.74E-04	3.53E-03
2375	NG_1071	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.907	1.15E-02	2.41E-02	3.29E-01	1.86E-02	6.22E-06	2.82E-02	3.68E-03	1.15E-03	2.25E-11	5.97E-04	1.58E-06	1.11E-06	1.75E-05	1.09E-05	6.51E-05	1.03E-06	2.35E-05	3.21E-03	2.97E-04	3.83E-03
2376	NG_1072	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.907	1.24E-02	2.60E-02	3.56E-01	2.01E-02	6.73E-06	3.06E-02	3.98E-03	1.24E-03	2.43E-11	6.45E-04	1.71E-06	1.20E-06	1.89E-05	1.18E-05	7.05E-05	1.12E-06	2.54E-05	3.47E-03	3.21E-04	4.14E-03
2377	NG_1073	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.907	1.37E-02	2.87E-02	3.93E-01	2.23E-02	7.43E-06	3.43E-02	4.39E-03	1.37E-03	2.68E-11	7.12E-04	1.89E-06	1.33E-06	2.08E-05	1.30E-05	7.77E-05	1.23E-06	2.81E-05	3.83E-03	3.55E-04	4.57E-03
2378	NG_1074	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.907	1.54E-02	3.23E-02	4.42E-01	2.54E-02	8.35E-06	3.94E-02	4.94E-03	1.54E-03	3.02E-11	8.01E-04	2.12E-06	1.50E-06	2.34E-05	1.46E-05	8.74E-05	1.38E-06	3.16E-05	4.31E-03	3.99E-04	5.14E-03
2379	NG_1075	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.907	1.73E-02	3.63E-02	4.96E-01	2.89E-02	9.39E-06	4.51E-02	5.55E-03	1.73E-03	3.39E-11	9.00E-04	2.39E-06	1.68E-06	2.64E-05	1.64E-05	9.83E-05	1.56E-06	3.55E-05	4.85E-03	4.48E-04	5.78E-03
2380	NG_1076	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.907	1.90E-02	3.99E-02	5.46E-01	3.18E-02	1.03E-05	4.99E-02	6.11E-03	1.91E-03	3.73E-11	9.91E-04	2.63E-06	1.85E-06	2.90E-05	1.81E-05	1.08E-04	1.71E-06	3.90E-05	5.33E-03	4.93E-04	6.36E-03
2381	NG_1077	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.907	2.12E-02	4.45E-02	6.08E-01	3.54E-02	1.15E-05	5.60E-02	6.80E-03	2.12E-03	4.15E-11	1.10E-03	2.93E-06	2.06E-06	3.23E-05	2.01E-05	1.20E-04	1.91E-06	4.35E-05	5.94E-03	5.49E-04	7.07E-03
2382	NG_1078	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.907	2.42E-02	5.08E-02	6.94E-01	4.05E-02	1.31E-05	6.45E-02	7.77E-03	2.42E-03	4.74E-11	1.26E-03	3.34E-06	2.36E-06	3.69E-05	2.30E-05	1.38E-04	2.18E-06	4.96E-05	6.78E-03	6.27E-04	8.08E-03
2383	NG_1079	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.907	2.81E-02	5.91E-02	8.08E-01	4.70E-02	1.53E-05	7.53E-02	9.04E-03	2.82E-03	5.52E-11	1.47E-03	3.89E-06	2.75E-06	4.29E-05	2.67E-05	1.60E-04	2.53E-06	5.78E-05	7.89E-03	7.30E-04	9.40E-03
2384	NG_1080	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.907	3.30E-02	6.93E-02	9.47E-01	5.46E-02	1.79E-05	8.79E-02	1.06E-02	3.31E-03	6.47E-11	1.72E-03	4.57E-06	3.22E-06	5.03E-05	3.14E-05	1.88E-04	2.97E-06	6.77E-05	9.25E-03	8.56E-04	1.10E-02
2385	NG_1081	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.907	3.86E-02	8.10E-02	1.11E+00	6.32E-02	2.10E-05	1.02E-01	1.24E-02	3.87E-03	7.57E-11	2.01E-03	5.34E-06	3.77E-06	5.88E-05	3.67E-05	2.19E-04	3.47E-06	7.92E-05	1.08E-02	1.00E-03	1.29E-02
2386	NG_1082	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.907	4.39E-02	9.23E-02	1.26E+00	7.12E-02	2.39E-05	1.16E-01	1.41E-02	4.40E-03	8.62E-11	2.29E-03	6.08E-06	4.29E-06	6.70E-05	4.18E-05	2.50E-04	3.96E-06	9.02E-05	1.23E-02	1.14E-03	1.47E-02
2387	NG_1083	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.907	4.82E-02	1.01E-01	1.38E+00	7.74E-02	2.62E-05	1.28E-01	1.55E-02	4.83E-03	9.45E-11	2.51E-03	6.66E-06	4.69E-06	7.35E-05	4.58E-05	2.74E-04	4.34E-06	9.89E-05	1.35E-02	1.25E-03	1.61E-02
2412	NG_1108	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.957	8.26E-03	1.73E-02	2.38E-01	1.34E-02	4.49E-06	1.97E-02	2.65E-03	8.28E-04	1.62E-11	4.30E-04	1.14E-06	8.02E-07	1.26E-05	7.84E-06	4.70E-05	7.43E-07	1.70E-05	2.32E-03	2.14E-04	2.76E-03
2413	NG_1109	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.957	8.81E-03	1.85E-02	2.54E-01	1.44E-02	4.79E-06	2.11E-02	2.83E-03	8.83E-04	1.73E-11	4.59E-04	1.22E-06	8.56E-07	1.34E-05	8.37E-06	5.01E-05	7.93E-07	1.81E-05	2.47E-03	2.29E-04	2.94E-03
2414	NG_1110	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.957	9.47E-03	1.99E-02	2.72E-01	1.55E-02	5.14E-06	2.29E-02	3.04E-03	9.49E-04	1.86E-11	4.93E-04	1.31E-06	9.20E-07	1.44E-05	8.99E-06	5.38E-05	8.52E-07	1.94E-05	2.65E-03	2.46E-04	3.16E-03
2415	NG_1111	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.957	1.02E-02	2.14E-02	2.93E-01	1.67E-02	5.53E-06	2.49E-02	3.27E-03	1.02E-03	2.00E-11	5.30E-04	1.41E-06	9.89E-07	1.55E-05	9.67E-06	5.79E-05	9.17E-07	2.09E-05	2.86E-03	2.64E-04	3.40E-03
2416	NG_1112	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.957	1.10E-02	2.30E-02	3.15E-01	1.80E-02	5.96E-06	2.70E-02	3.52E-03	1.10E-03	2.15E-11	5.71E-04	1.52E-06	1.07E-06	1.67E-05	1.04E-05	6.24E-05	9.88E-07	2.25E-05	3.08E-03	2.85E-04	3.67E-03
2417	NG_1113	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.957	1.18E-02	2.48E-02	3.40E-01	1.95E-02	6.43E-06	2.94E-02	3.80E-03	1.19E-03	2.32E-11	6.16E-04	1.63E-06	1.15E-06	1.80E-05	1.12E-05	6.73E-05	1.07E-06	2.43E-05	3.32E-03	3.07E-04	3.95E-03
2418	NG_1114	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.957	1.29E-02	2.71E-02	3.71E-01	2.14E-02	7.01E-06	3.25E-02	4.15E-03	1.29E-03	2.53E-11	6.72E-04	1.78E-06	1.25E-06	1.97E-05	1.23E-05	7.34E-05	1.16E-06	2.65E-05	3.62E-03	3.35E-04	4.31E-03
2419	NG_1115	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.957	1.42E-02	2.99E-02	4.09E-01	2.38E-02	7.73E-06	3.64E-02	4.57E-03	1.43E-03	2.79E-11	7.41E-04	1.97E-06	1.38E-06	2.17E-05	1.35E-05	8.09E-05	1.28E-06	2.92E-05	3.99E-03	3.69E-04	4.75E-03
2420	NG_1116	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.957	1.58E-02	3.31E-02	4.53E-01	2.66E-02	8.57E-06	4.09E-02	5.07E-03	1.58E-03	3.09E-11	8.22E-04	2.18E-06	1.54E-06	2.41E-05	1.50E-05	8.97E-05	1.42E-06	3.24E-05	4.42E-03	4.09E-04	5.27E-03
2421	NG_1117	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.957	1.75E-02	3.67E-02	5.02E-01	2.94E-02	9.49E-06	4.57E-02	5.61E-03	1.75E-03	3.43E-11	9.10E-04	2.41E-06	1.70E-06	2.66E-05	1.66E-05	9.93E-05	1.57E-06	3.59E-05	4.90E-03	4.53E-04	5.84E-03
2422	NG_1118	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.957	1.96E-02	4.11E-02	5.62E-01	3.30E-02	1.06E-05	5.14E-02	6.29E-03	1.96E-03	3.84E-11	1.02E-03	2.71E-06	1.91E-06	2.99E-05	1.86E-05	1.11E-04	1.76E-06	4.02E-05	5.49E-03	5.08E-04	6.54E-03
2423	NG_1119	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.957	2.25E-02	4.71E-02	6.45E-01	3.78E-02	1.22E-05	5.92E-02	7.21E-03	2.25E-03	4.40E-11	1.17E-03	3.11E-06	2.19E-06	3.42E-05	2.13E-05	1.28E-04	2.02E-06	4.61E-05	6.30E-03	5.82E-04	7.50E-03
2424	NG_1120	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.957	2.61E-02	5.48E-02	7.50E-01	4.36E-02	1.42E-05	6.86E-02	8.39E-03	2.62E-03	5.12E-11	1.36E-03	3.61E-06	2.55E-06	3.98E-05	2.48E-05	1.48E-04	2.35E-06	5.36E-05	7.32E-03	6.77E-04	8.72E-03
2425	NG_1121	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.957	3.06E-02	6.43E-02	8.79E-01	5.06E-02	1.67E-05	8.02E-02	9.84E-03	3.07E-03	6.01E-11	1.60E-03	4.24E-06	2.99E-06	4.67E-05	2.91E-05	1.74E-04	2.76E-06	6.29E-05	8.59E-03	7.95E-04	1.02E-02
2426	NG_1122	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.957	3.56E-02	7.47E-02	1.02E+00	5.81E-02	1.93E-05	9.28E-02	1.14E-02	3.57E-03	6.98E-11	1.85E-03	4.92E-06	3.47E-06	5.43E-05	3.38E-05	2.02E-04	3.20E-06	7.30E-05	9.98E-03	9.23E-04	1.19E-02
2427	NG_1123	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.957	3.99E-02	8.37E-02	1.14E+00	6.45E-02	2.17E-05	1.04E-01	1.28E-02	4.00E-03	7.82E-11	2.08E-03	5.52E-06	3.89E-06	6.08E-05	3.79E-05	2.27E-04	3.59E-06	8.19E-05	1.12E-02	1.03E-03	1.33E-02
2428	NG_1124	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.957	4.27E-02	8.97E-02	1.23E+00	6.86E-02	2.32E-05	1.12E-01	1.37E-02	4.28E-03	8.38E-11	2.23E-03	5.91E-06	4.16E-06	6.52E-05	4.06E-05	2.43E-04	3.85E-06	8.77E-05	1.20E-02	1.11E-03	1.43E-02
2453	NG_1149	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.007	8.11E-03	1.70E-02	2.34E-01	1.34E-02	4.41E-06	1.95E-02	2.61E-03	8.14E-04	1.59E-11	4.23E-04	1.12E-06	7.87E-07	1.24E-05	7.71E-06	4.61E-05	7.31E-07	1.67E-05	2.28E-03	2.11E-04	2.71E-03
2454	NG_1150	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.007	8.62E-03	1.81E-02	2.48E-01	1.43E-02	4.68E-06	2.08E-02	2.77E-03	8.64E-04	1.69E-11	4.49E-04	1.19E-06	8.37E-07	1.31E-05	8.19E-06	4.90E-05	7.76E-07	1.77E-05	2.42E-03	2.24E-04	2.88E-03
2455	NG_1151	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.007	9.15E-03	1.92E-02	2.63E-01	1.52E-02	4.97E-06	2.22E-02	2.94E-03	9.18E-04	1.80E-11	4.77E-04	1.26E-06	8.89E-07	1.40E-05	8.69E-06	5.20E-05	8.24E-07	1.88E-05	2.57E-03	2.37E-04	3.06E-03
2456	NG_1152	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.007	9.78E-03	2.05E-02	2.81E-01	1.63E-02	5.31E-06	2.40E-02	3.14E-03	9.80E-04	1.92E-11	5.09E-04	1.35E-06	9.50E-07	1.49E-05	9.29E-06	5.56E-05	8.80E-07	2.01E-05	2.74E-03	2.54E-04	3.27E-03
2457	NG_1153	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.007	1.04E-02	2.19E-02	3.00E-01	1.74E-02	5.66E-06	2.57E-02	3.35E-03	1.04E-03	2.04E-11	5.43E-04	1.44E-06	1.01E-06	1.59E-05	9.90E-06	5.93E-05	9.38E-07	2.14E-05	2.92E-03	2.70E-04	3.48E-03
2458	NG_1154	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.007	1.12E-02	2.36E-02	3.23E-01	1.88E-02	6.10E-06	2.80E-02	3.60E-03	1.12E-03	2.20E-11	5.84E-04	1.55E-06	1.09E-06	1.71E-05	1.07E-05	6.38E-05	1.01E-06	2.30E-05	3.15E-03	2.91E-04	3.75E-03
2459	NG_1155	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.007	1.21E-02	2.54E-02	3.48E-01	2.03E-02	6.57E-06	3.04E-02	3.89E-03	1.21E-03	2.37E-11	6.30E-04	1.67E-06	1.18E-06	1.84E-05	1.15E-05	6.88E-05	1.09E-06	2.48E-05	3.39E-03	3.14E-04	4.04E-03
2460	NG_1156	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.007	1.32E-02	2.78E-02	3.81E-01	2.24E-02	7.19E-06	3.37E-02	4.25E-03	1.33E-03	2.60E-11	6.89E-04	1.83E-06	1.29E-06	2.02E-05	1.26E-05	7.53E-05	1.19E-06	2.72E-05	3.71E-03	3.43E-04	4.42E-03
2461	NG_1157	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.007	1.45E-02	3.05E-02	4.17E-01	2.46E-02	7.89E-06	3.73E-02	4.66E-03	1.46E-03	2.85E-11	7.56E-04	2.01E-06	1.41E-06	2.21E-05	1.38E-05	8.25E-05	1.31E-06	2.98E-05	4.07E-03	3.77E-04	4.85E-03
2462	NG_1158	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.007	1.62E-02	3.41E-02	4.66E-01	2.75E-02	8.81E-06	4.20E-02	5.21E-03	1.63E-03	3.18E-11	8.45E-04	2.24E-06	1.58E-06	2.47E-05	1.54E-05	9.22E-05	1.46E-06	3.33E-05	4.55E-03	4.21E-04	5.42E-03
2463	NG_1159	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.007	1.83E-02	3.84E-02	5.25E-01	3.09E-02	9.94E-06	4.74E-02	5.87E-03	1.83E-03	3.59E-11	9.52E-04	2.53E-06	1.78E-06	2.79E-05	1.74E-05	1.04E-04	1.65E-06	3.75E-05	5.13E-03	4.74E-04	6.11E-03
2464	NG_1160	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.007	2.12E-02	4.46E-02	6.10E-01	3.57E-02	1.15E-05	5.50E-02	6.82E-03	2.13E-03	4.16E-11	1.11E-03	2.93E-06	2.07E-06	3.24E-05	2.02E-05	1.21E-04	1.91E-06	4.36E-05	5.95E-03	5.51E-04	7.09E-03
2465	NG_1161	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.007	2.47E-02	5.19E-02	7.10E-01	4.12E-02	1.34E-05	6.40E-02	7.95E-03	2.48E-03	4.85E-11	1.29E-03	3.42E-06	2.41E-06	3.77E-05	2.35E-05	1.41E-04	2.23E-06	5.08E-05	6.93E-03	6.42E-04	8.26E-03
2466	NG_1162	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.007	2.87E-02	6.02E-02	8.24E-01	4.73E-02	1.56E-05	7.39E-02	9.22E-03	2.88E-03	5.63E-11	1.49E-03	3.97E-06	2.80E-06	4.38E-05	2.73E-05	1.63E-04	2.58E-06	5.89E-05	8.04E-03	7.44E-04	9.59E-03
2467	NG_1163	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.007	3.26E-02	6.85E-02	9.36E-01	5.32E-02	1.77E-05	8.39E-02	1.05E-02	3.27E-03	6.39E-11	1.70E-03	4.51E-06	3.18E-06	4.97E-05	3.10E-05	1.85E-04	2.94E-06	6.69E-05	9.14E-03	8.46E-04	1.09E-02
2468	NG_1164	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.007	3.57E-02	7.50E-02	1.03E+00	5.77E-02	1.94E-05	9.21E-02	1.15E-02	3.58E-03	7.00E-11	1.86E-03	4.94E-06	3.48E-06	5.45E-05	3.39E-05	2.03E-04	3.22E-06	7.33E-05	1.00E-02	9.27E-04	1.19E-02
2469	NG_1165	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.007	3.75E-02	7.88E-02	1.08E+00	6.02E-02	2.04E-05	9.70E-02	1.21E-02	3.76E-03	7.36E-11	1.95E-03	5.18E-06	3.64E-06	5.72E-05	3.56E-05	2.13E-04	3.38E-06	7.70E-05	1.05E-02	9.73E-04	1.25E-02
2494	NG_1190	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.057	7.91E-03	1.66E-02	2.28E-01	1.33E-02	4.30E-06	1.91E-02	2.54E-03	7.93E-04	1.55E-11	4.12E-04	1.09E-06	7.67E-07	1.21E-05	7.52E-06	4.50E-05	7.12E-07	1.63E-05	2.22E-03	2.05E-04	2.64E-03
2495	NG_1191	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.057	8.37E-03	1.76E-02	2.41E-01	1.41E-02	4.55E-06	2.03E-02	2.69E-03	8.39E-04	1.64E-11	4.36E-04	1.16E-06	8.12E-07	1.28E-05	7.95E-06	4.76E-05	7.54E-07	1.72E-05	2.35E-03	2.17E-04	2.80E-03
2496	NG_1192	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.057	8.81E-03	1.85E-02	2.54E-01	1.48E-02	4.78E-06	2.14E-02	2.83E-03	8.83E-04	1.73E-11	4.59E-04	1.22E-06	8.54E-07	1.34E-05	8.36E-06	5.01E-05	7.93E-07	1.81E-05	2.47E-03	2.28E-04	2.94E-03
2497	NG_1193	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.057	9.27E-03	1.95E-02	2.67E-01	1.56E-02	5.04E-06	2.27E-02	2.98E-03	9.29E-04	1.82E-11	4.83E-04	1.28E-06	9.00E-07	1.41E-05	8.80E-06	5.27E-05	8.35E-07	1.90E-05	2.60E-03	2.40E-04	3.10E-03
2498	NG_1194	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.057	9.82E-03	2.06E-02	2.83E-01	1.66E-02	5.34E-06	2.42E-02	3.15E-03	9.84E-04	1.93E-11	5.11E-04	1.36E-06	9.54E-07	1.50E-05	9.33E-06	5.58E-05	8.84E-07	2.02E-05	2.75E-03	2.55E-04	3.28E-03
2499	NG_1195	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.057	1.05E-02	2.20E-02	3.01E-01	1.77E-02	5.68E-06	2.60E-02	3.36E-03	1.05E-03	2.05E-11	5.45E-04	1.44E-06	1.02E-06	1.60E-05	9.93E-06	5.95E-05	9.42E-07	2.15E-05	2.93E-03	2.71E-04	3.49E-03
2500	NG_1196	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.057	1.13E-02	2.36E-02	3.24E-01	1.91E-02	6.11E-06	2.82E-02	3.61E-03	1.13E-03	2.21E-11	5.86E-04	1.55E-06	1.09E-06	1.72E-05	1.07E-05	6.40E-05	1.01E-06	2.31E-05	3.15E-03	2.92E-04	3.76E-03
2501	NG_1197	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.057	1.24E-02	2.60E-02	3.56E-01	2.10E-02	6.72E-06	3.13E-02	3.97E-03	1.24E-03	2.42E-11	6.44E-04	1.71E-06	1.20E-06	1.89E-05	1.17E-05	7.03E-05	1.11E-06	2.54E-05	3.47E-03	3.21E-04	4.13E-03
2502	NG_1198	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.057	1.37E-02	2.87E-02	3.93E-01	2.33E-02	7.42E-06	3.48E-02	4.39E-03	1.37E-03	2.68E-11	7.12E-04	1.89E-06	1.33E-06	2.08E-05	1.30E-05	7.77E-05	1.23E-06	2.80E-05	3.83E-03	3.54E-04	4.57E-03
2503	NG_1199	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.057	1.52E-02	3.19E-02	4.37E-01	2.58E-02	8.26E-06	3.87E-02	4.88E-03	1.52E-03	2.98E-11	7.92E-04	2.10E-06	1.48E-06	2.32E-05	1.44E-05	8.64E-05	1.37E-06	3.12E-05	4.26E-03	3.94E-04	5.08E-03
2504	NG_1200	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.057	1.73E-02	3.64E-02	4.98E-01	2.93E-02	9.42E-06	4.42E-02	5.57E-03	1.74E-03	3.40E-11	9.02E-04	2.40E-06	1.69E-06	2.64E-05	1.65E-05	9.85E-05	1.56E-06	3.56E-05	4.86E-03	4.50E-04	5.79E-03
2505	NG_1201	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.057	2.03E-02	4.26E-02	5.83E-01	3.40E-02	1.10E-05	5.17E-02	6.51E-03	2.03E-03	3.98E-11	1.06E-03	2.80E-06	1.98E-06	3.09E-05	1.93E-05	1.15E-04	1.83E-06	4.16E-05	5.68E-03	5.26E-04	6.77E-03
2506	NG_1202	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.057	2.37E-02	4.97E-02	6.80E-01	3.93E-02	1.29E-05	6.02E-02	7.60E-03	2.37E-03	4.64E-11	1.23E-03	3.27E-06	2.31E-06	3.61E-05	2.25E-05	1.35E-04	2.13E-06	4.86E-05	6.63E-03	6.14E-04	7.91E-03
2507	NG_1203	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.057	2.71E-02	5.70E-02	7.79E-01	4.46E-02	1.47E-05	6.89E-02	8.71E-03	2.72E-03	5.32E-11	1.41E-03	3.75E-06	2.64E-06	4.14E-05	2.58E-05	1.54E-04	2.44E-06	5.57E-05	7.61E-03	7.04E-04	9.06E-03
2508	NG_1204	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.057	3.02E-02	6.35E-02	8.68E-01	4.92E-02	1.64E-05	7.69E-02	9.71E-03	3.03E-03	5.93E-11	1.57E-03	4.18E-06	2.94E-06	4.61E-05	2.87E-05	1.72E-04	2.72E-06	6.20E-05	8.47E-03	7.84E-04	1.01E-02
2509	NG_1205	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.057	3.23E-02	6.78E-02	9.27E-01	5.22E-02	1.75E-05	8.24E-02	1.04E-02	3.24E-03	6.33E-11	1.68E-03	4.46E-06	3.13E-06	4.92E-05	3.07E-05	1.84E-04	2.91E-06	6.63E-05	9.05E-03	8.38E-04	1.08E-02
2510	NG_1206	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.057	3.30E-02	6.93E-02	9.47E-01	5.31E-02	1.79E-05	8.45E-02	1.06E-02	3.31E-03	6.47E-11	1.72E-03	4.55E-06	3.19E-06	5.03E-05	3.13E-05	1.88E-04	2.97E-06	6.77E-05	9.25E-03	8.56E-04	1.10E-02
2521	NG_1217	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.057	1.54E-02	3.23E-02	4.42E-01	2.38E-02	8.33E-06	3.54E-02	4.93E-03	1.54E-03	3.01E-11	8.00E-04	2.11E-06	1.48E-06	2.34E-05	1.46E-05	8.74E-05	1.38E-06	3.16E-05	4.31E-03	3.99E-04	5.13E-03
2522	NG_1218	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.057	1.44E-02	3.02E-02	4.14E-01	2.25E-02	7.81E-06	3.30E-02	4.62E-03	1.44E-03	2.82E-11	7.49E-04	1.98E-06	1.38E-06	2.19E-05	1.37E-05	8.19E-05	1.29E-06	2.96E-05	4.04E-03	3.74E-04	4.81E-03
2523	NG_1219	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.057	1.33E-02	2.80E-02	3.83E-01	2.10E-02	7.22E-06	3.03E-02	4.28E-03	1.34E-03	2.61E-11	6.93E-04	1.83E-06	1.28E-06	2.03E-05	1.26E-05	7.58E-05	1.20E-06	2.74E-05	3.73E-03	3.46E-04	4.45E-03
2524	NG_1220	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.057	1.23E-02	2.58E-02	3.54E-01	1.96E-02	6.67E-06	2.78E-02	3.95E-03	1.23E-03	2.41E-11	6.40E-04	1.69E-06	1.18E-06	1.88E-05	1.17E-05	7.00E-05	1.11E-06	2.53E-05	3.45E-03	3.19E-04	4.11E-03

AQIA DATA - SCENARIO 1 GRID MAX

Annual Average Pollutant Concentration (µg/m3) - Regain Contribution

All Pollutants

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.124**	**0.260**	**3.550**	**0.199**	**6.74E-05**	**0.358**	**0.040**	**0.012**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**0.035**	**0.003**	**0.041**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2533	NG_1229	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.057	7.29E-03	1.53E-02	2.10E-01	1.21E-02	3.95E-06	1.50E-02	2.34E-03	7.31E-04	1.43E-11	3.80E-04	1.00E-06	6.99E-07	1.11E-05	6.91E-06	4.15E-05	6.56E-07	1.50E-05	2.04E-03	1.89E-04	2.44E-03
2534	NG_1230	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.057	7.12E-03	1.50E-02	2.06E-01	1.19E-02	3.86E-06	1.46E-02	2.29E-03	7.14E-04	1.40E-11	3.71E-04	9.79E-07	6.82E-07	1.09E-05	6.75E-06	4.05E-05	6.40E-07	1.46E-05	2.00E-03	1.85E-04	2.38E-03
2535	NG_1231	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.107	7.62E-03	1.60E-02	2.20E-01	1.30E-02	4.14E-06	1.84E-02	2.45E-03	7.64E-04	1.49E-11	3.97E-04	1.05E-06	7.39E-07	1.16E-05	7.24E-06	4.33E-05	6.86E-07	1.57E-05	2.14E-03	1.98E-04	2.55E-03
2536	NG_1232	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.107	8.01E-03	1.68E-02	2.31E-01	1.37E-02	4.35E-06	1.94E-02	2.57E-03	8.03E-04	1.57E-11	4.17E-04	1.11E-06	7.77E-07	1.22E-05	7.60E-06	4.55E-05	7.21E-07	1.64E-05	2.25E-03	2.08E-04	2.68E-03
2537	NG_1233	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.107	8.37E-03	1.76E-02	2.41E-01	1.43E-02	4.55E-06	2.04E-02	2.69E-03	8.39E-04	1.64E-11	4.36E-04	1.16E-06	8.12E-07	1.28E-05	7.95E-06	4.76E-05	7.54E-07	1.72E-05	2.35E-03	2.17E-04	2.80E-03
2538	NG_1234	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.107	8.78E-03	1.84E-02	2.53E-01	1.50E-02	4.77E-06	2.15E-02	2.82E-03	8.80E-04	1.72E-11	4.57E-04	1.21E-06	8.52E-07	1.34E-05	8.34E-06	4.99E-05	7.91E-07	1.80E-05	2.46E-03	2.28E-04	2.93E-03
2539	NG_1235	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.107	9.23E-03	1.94E-02	2.66E-01	1.57E-02	5.02E-06	2.27E-02	2.97E-03	9.26E-04	1.81E-11	4.81E-04	1.28E-06	8.97E-07	1.41E-05	8.77E-06	5.25E-05	8.31E-07	1.90E-05	2.59E-03	2.40E-04	3.09E-03
2540	NG_1236	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.107	9.76E-03	2.05E-02	2.81E-01	1.66E-02	5.30E-06	2.41E-02	3.14E-03	9.78E-04	1.91E-11	5.08E-04	1.35E-06	9.48E-07	1.49E-05	9.27E-06	5.55E-05	8.79E-07	2.00E-05	2.74E-03	2.53E-04	3.26E-03
2541	NG_1237	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.107	1.05E-02	2.21E-02	3.03E-01	1.80E-02	5.72E-06	2.62E-02	3.38E-03	1.06E-03	2.07E-11	5.49E-04	1.46E-06	1.02E-06	1.61E-05	1.00E-05	5.99E-05	9.49E-07	2.16E-05	2.95E-03	2.73E-04	3.52E-03
2542	NG_1238	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.107	1.17E-02	2.46E-02	3.37E-01	2.01E-02	6.37E-06	2.93E-02	3.76E-03	1.17E-03	2.30E-11	6.10E-04	1.62E-06	1.14E-06	1.79E-05	1.11E-05	6.66E-05	1.05E-06	2.41E-05	3.29E-03	3.04E-04	3.91E-03
2543	NG_1239	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.107	1.31E-02	2.75E-02	3.76E-01	2.24E-02	7.11E-06	3.29E-02	4.20E-03	1.31E-03	2.57E-11	6.81E-04	1.81E-06	1.27E-06	2.00E-05	1.24E-05	7.44E-05	1.18E-06	2.69E-05	3.67E-03	3.39E-04	4.37E-03
2544	NG_1240	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.107	1.45E-02	3.05E-02	4.18E-01	2.47E-02	7.90E-06	3.64E-02	4.67E-03	1.46E-03	2.85E-11	7.57E-04	2.01E-06	1.41E-06	2.22E-05	1.38E-05	8.26E-05	1.31E-06	2.98E-05	4.07E-03	3.77E-04	4.85E-03
2545	NG_1241	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.107	1.65E-02	3.47E-02	4.76E-01	2.79E-02	8.99E-06	4.14E-02	5.31E-03	1.66E-03	3.24E-11	8.62E-04	2.29E-06	1.61E-06	2.52E-05	1.57E-05	9.41E-05	1.49E-06	3.40E-05	4.64E-03	4.29E-04	5.53E-03
2546	NG_1242	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.107	1.93E-02	4.06E-02	5.56E-01	3.24E-02	1.05E-05	4.85E-02	6.22E-03	1.94E-03	3.79E-11	1.01E-03	2.68E-06	1.89E-06	2.95E-05	1.84E-05	1.10E-04	1.74E-06	3.97E-05	5.42E-03	5.02E-04	6.46E-03
2547	NG_1243	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.107	2.25E-02	4.72E-02	6.46E-01	3.72E-02	1.22E-05	5.63E-02	7.22E-03	2.25E-03	4.41E-11	1.17E-03	3.11E-06	2.19E-06	3.43E-05	2.14E-05	1.28E-04	2.02E-06	4.62E-05	6.30E-03	5.83E-04	7.51E-03
2548	NG_1244	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.107	2.54E-02	5.34E-02	7.30E-01	4.17E-02	1.38E-05	6.37E-02	8.16E-03	2.55E-03	4.98E-11	1.32E-03	3.51E-06	2.47E-06	3.88E-05	2.41E-05	1.45E-04	2.29E-06	5.22E-05	7.12E-03	6.59E-04	8.49E-03
2549	NG_1245	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.107	2.78E-02	5.85E-02	8.00E-01	4.53E-02	1.51E-05	7.01E-02	8.94E-03	2.79E-03	5.46E-11	1.45E-03	3.85E-06	2.71E-06	4.25E-05	2.64E-05	1.58E-04	2.51E-06	5.72E-05	7.81E-03	7.22E-04	9.30E-03
2550	NG_1246	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.107	2.91E-02	6.11E-02	8.36E-01	4.71E-02	1.58E-05	7.36E-02	9.35E-03	2.92E-03	5.71E-11	1.52E-03	4.02E-06	2.82E-06	4.44E-05	2.76E-05	1.66E-04	2.62E-06	5.98E-05	8.16E-03	7.55E-04	9.72E-03
2555	NG_1251	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.107	2.14E-02	4.49E-02	6.15E-01	3.23E-02	1.16E-05	4.97E-02	6.88E-03	2.15E-03	4.20E-11	1.11E-03	2.95E-06	2.06E-06	3.26E-05	2.03E-05	1.22E-04	1.93E-06	4.40E-05	6.00E-03	5.55E-04	7.15E-03
2556	NG_1252	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.107	1.94E-02	4.07E-02	5.57E-01	2.90E-02	1.05E-05	4.43E-02	6.23E-03	1.94E-03	3.80E-11	1.01E-03	2.67E-06	1.87E-06	2.96E-05	1.84E-05	1.10E-04	1.74E-06	3.98E-05	5.43E-03	5.03E-04	6.48E-03
2557	NG_1253	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.107	1.77E-02	3.72E-02	5.09E-01	2.64E-02	9.61E-06	4.02E-02	5.69E-03	1.78E-03	3.47E-11	9.22E-04	2.44E-06	1.71E-06	2.70E-05	1.68E-05	1.01E-04	1.59E-06	3.64E-05	4.97E-03	4.60E-04	5.92E-03
2558	NG_1254	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.107	1.65E-02	3.47E-02	4.74E-01	2.46E-02	8.96E-06	3.74E-02	5.30E-03	1.65E-03	3.24E-11	8.59E-04	2.27E-06	1.59E-06	2.52E-05	1.57E-05	9.39E-05	1.49E-06	3.39E-05	4.63E-03	4.28E-04	5.52E-03
2561	NG_1257	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.107	1.46E-02	3.07E-02	4.20E-01	2.23E-02	7.93E-06	3.33E-02	4.70E-03	1.47E-03	2.87E-11	7.61E-04	2.01E-06	1.41E-06	2.23E-05	1.39E-05	8.31E-05	1.32E-06	3.00E-05	4.10E-03	3.79E-04	4.89E-03
2562	NG_1258	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.107	1.43E-02	3.01E-02	4.12E-01	2.20E-02	7.76E-06	3.27E-02	4.60E-03	1.43E-03	2.81E-11	7.45E-04	1.97E-06	1.38E-06	2.18E-05	1.36E-05	8.14E-05	1.29E-06	2.94E-05	4.01E-03	3.71E-04	4.78E-03
2563	NG_1259	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.107	1.37E-02	2.87E-02	3.93E-01	2.13E-02	7.42E-06	3.11E-02	4.39E-03	1.37E-03	2.68E-11	7.12E-04	1.88E-06	1.31E-06	2.09E-05	1.30E-05	7.78E-05	1.23E-06	2.81E-05	3.83E-03	3.55E-04	4.57E-03
2564	NG_1260	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.107	1.28E-02	2.69E-02	3.69E-01	2.01E-02	6.95E-06	2.91E-02	4.12E-03	1.29E-03	2.51E-11	6.67E-04	1.76E-06	1.23E-06	1.95E-05	1.22E-05	7.29E-05	1.15E-06	2.63E-05	3.59E-03	3.33E-04	4.28E-03
2565	NG_1261	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.107	1.19E-02	2.50E-02	3.42E-01	1.89E-02	6.45E-06	2.68E-02	3.82E-03	1.19E-03	2.33E-11	6.19E-04	1.64E-06	1.14E-06	1.81E-05	1.13E-05	6.77E-05	1.07E-06	2.44E-05	3.34E-03	3.09E-04	3.98E-03
2567	NG_1263	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.107	9.87E-03	2.07E-02	2.84E-01	1.59E-02	5.35E-06	2.17E-02	3.17E-03	9.89E-04	1.94E-11	5.14E-04	1.36E-06	9.45E-07	1.50E-05	9.36E-06	5.61E-05	8.88E-07	2.03E-05	2.77E-03	2.56E-04	3.30E-03
2568	NG_1264	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.107	9.16E-03	1.92E-02	2.64E-01	1.49E-02	4.97E-06	2.00E-02	2.94E-03	9.19E-04	1.80E-11	4.77E-04	1.26E-06	8.77E-07	1.40E-05	8.69E-06	5.21E-05	8.24E-07	1.88E-05	2.57E-03	2.38E-04	3.06E-03
2569	NG_1265	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.107	8.58E-03	1.80E-02	2.47E-01	1.40E-02	4.65E-06	1.85E-02	2.76E-03	8.60E-04	1.68E-11	4.47E-04	1.18E-06	8.21E-07	1.31E-05	8.13E-06	4.88E-05	7.72E-07	1.76E-05	2.40E-03	2.23E-04	2.87E-03
2570	NG_1266	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.107	8.03E-03	1.69E-02	2.32E-01	1.32E-02	4.36E-06	1.71E-02	2.58E-03	8.05E-04	1.58E-11	4.18E-04	1.10E-06	7.69E-07	1.22E-05	7.62E-06	4.57E-05	7.23E-07	1.65E-05	2.25E-03	2.08E-04	2.68E-03
2571	NG_1267	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.107	7.58E-03	1.59E-02	2.19E-01	1.25E-02	4.11E-06	1.59E-02	2.43E-03	7.60E-04	1.49E-11	3.95E-04	1.04E-06	7.26E-07	1.16E-05	7.19E-06	4.31E-05	6.82E-07	1.56E-05	2.13E-03	1.97E-04	2.53E-03
2572	NG_1268	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.107	7.25E-03	1.52E-02	2.09E-01	1.20E-02	3.93E-06	1.51E-02	2.33E-03	7.27E-04	1.42E-11	3.77E-04	9.96E-07	6.94E-07	1.11E-05	6.87E-06	4.12E-05	6.52E-07	1.49E-05	2.03E-03	1.88E-04	2.42E-03
2573	NG_1269	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.107	7.01E-03	1.47E-02	2.02E-01	1.17E-02	3.80E-06	1.45E-02	2.25E-03	7.03E-04	1.38E-11	3.65E-04	9.64E-07	6.72E-07	1.07E-05	6.65E-06	3.99E-05	6.31E-07	1.44E-05	1.97E-03	1.82E-04	2.34E-03
2574	NG_1270	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.107	6.84E-03	1.44E-02	1.97E-01	1.14E-02	3.71E-06	1.40E-02	2.20E-03	6.86E-04	1.34E-11	3.56E-04	9.40E-07	6.56E-07	1.04E-05	6.48E-06	3.89E-05	6.15E-07	1.40E-05	1.92E-03	1.77E-04	2.28E-03
2575	NG_1271	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.107	6.70E-03	1.41E-02	1.94E-01	1.12E-02	3.64E-06	1.37E-02	2.15E-03	6.72E-04	1.32E-11	3.49E-04	9.22E-07	6.43E-07	1.02E-05	6.36E-06	3.81E-05	6.03E-07	1.38E-05	1.88E-03	1.74E-04	2.24E-03
2576	NG_1272	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.157	7.25E-03	1.52E-02	2.09E-01	1.25E-02	3.94E-06	1.74E-02	2.33E-03	7.27E-04	1.42E-11	3.78E-04	1.00E-06	7.03E-07	1.11E-05	6.89E-06	4.12E-05	6.53E-07	1.49E-05	2.03E-03	1.88E-04	2.42E-03
2577	NG_1273	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.157	7.58E-03	1.59E-02	2.18E-01	1.30E-02	4.12E-06	1.83E-02	2.43E-03	7.60E-04	1.49E-11	3.95E-04	1.05E-06	7.35E-07	1.16E-05	7.20E-06	4.31E-05	6.82E-07	1.56E-05	2.12E-03	1.97E-04	2.53E-03
2578	NG_1274	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.157	7.91E-03	1.66E-02	2.28E-01	1.36E-02	4.30E-06	1.92E-02	2.54E-03	7.93E-04	1.55E-11	4.12E-04	1.09E-06	7.67E-07	1.21E-05	7.51E-06	4.50E-05	7.12E-07	1.62E-05	2.22E-03	2.05E-04	2.64E-03
2579	NG_1275	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.157	8.28E-03	1.74E-02	2.39E-01	1.42E-02	4.50E-06	2.02E-02	2.66E-03	8.30E-04	1.62E-11	4.31E-04	1.14E-06	8.04E-07	1.26E-05	7.87E-06	4.71E-05	7.46E-07	1.70E-05	2.32E-03	2.15E-04	2.77E-03
2580	NG_1276	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.157	8.74E-03	1.84E-02	2.52E-01	1.50E-02	4.75E-06	2.13E-02	2.81E-03	8.76E-04	1.71E-11	4.55E-04	1.21E-06	8.48E-07	1.33E-05	8.30E-06	4.97E-05	7.87E-07	1.79E-05	2.45E-03	2.27E-04	2.92E-03
2581	NG_1277	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.157	9.28E-03	1.95E-02	2.67E-01	1.60E-02	5.04E-06	2.27E-02	2.98E-03	9.31E-04	1.82E-11	4.84E-04	1.28E-06	9.02E-07	1.42E-05	8.82E-06	5.28E-05	8.36E-07	1.91E-05	2.60E-03	2.41E-04	3.10E-03
2582	NG_1278	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.157	1.00E-02	2.11E-02	2.89E-01	1.72E-02	5.45E-06	2.47E-02	3.22E-03	1.01E-03	1.97E-11	5.23E-04	1.39E-06	9.76E-07	1.53E-05	9.53E-06	5.71E-05	9.04E-07	2.06E-05	2.81E-03	2.60E-04	3.35E-03
2583	NG_1279	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.157	1.12E-02	2.34E-02	3.21E-01	1.92E-02	6.06E-06	2.76E-02	3.59E-03	1.12E-03	2.19E-11	5.81E-04	1.54E-06	1.09E-06	1.70E-05	1.06E-05	6.35E-05	1.01E-06	2.29E-05	3.13E-03	2.90E-04	3.73E-03
2584	NG_1280	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.157	1.25E-02	2.63E-02	3.60E-01	2.14E-02	6.80E-06	3.09E-02	4.02E-03	1.26E-03	2.46E-11	6.52E-04	1.73E-06	1.22E-06	1.91E-05	1.19E-05	7.12E-05	1.13E-06	2.57E-05	3.51E-03	3.25E-04	4.18E-03
2585	NG_1281	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.157	1.41E-02	2.96E-02	4.06E-01	2.40E-02	7.67E-06	3.48E-02	4.53E-03	1.41E-03	2.77E-11	7.35E-04	1.95E-06	1.37E-06	2.15E-05	1.34E-05	8.02E-05	1.27E-06	2.90E-05	3.96E-03	3.66E-04	4.71E-03
2586	NG_1282	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.157	1.61E-02	3.37E-02	4.62E-01	2.70E-02	8.72E-06	3.96E-02	5.16E-03	1.61E-03	3.15E-11	8.36E-04	2.22E-06	1.56E-06	2.45E-05	1.52E-05	9.13E-05	1.45E-06	3.30E-05	4.50E-03	4.16E-04	5.36E-03
2587	NG_1283	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.157	1.85E-02	3.88E-02	5.31E-01	3.08E-02	1.00E-05	4.55E-02	5.93E-03	1.85E-03	3.62E-11	9.61E-04	2.55E-06	1.80E-06	2.81E-05	1.75E-05	1.05E-04	1.66E-06	3.79E-05	5.17E-03	4.79E-04	6.17E-03
2588	NG_1284	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.157	2.10E-02	4.41E-02	6.03E-01	3.47E-02	1.14E-05	5.18E-02	6.74E-03	2.10E-03	4.11E-11	1.09E-03	2.90E-06	2.04E-06	3.20E-05	1.99E-05	1.19E-04	1.89E-06	4.31E-05	5.88E-03	5.44E-04	7.01E-03
2589	NG_1285	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.157	2.34E-02	4.91E-02	6.72E-01	3.83E-02	1.27E-05	5.79E-02	7.51E-03	2.34E-03	4.58E-11	1.22E-03	3.23E-06	2.27E-06	3.57E-05	2.22E-05	1.33E-04	2.10E-06	4.80E-05	6.55E-03	6.06E-04	7.81E-03
2590	NG_1286	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.157	2.52E-02	5.30E-02	7.25E-01	4.11E-02	1.37E-05	6.29E-02	8.11E-03	2.53E-03	4.95E-11	1.31E-03	3.48E-06	2.45E-06	3.85E-05	2.40E-05	1.44E-04	2.27E-06	5.18E-05	7.08E-03	6.55E-04	8.43E-03
2591	NG_1287	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.157	2.60E-02	5.46E-02	7.48E-01	4.22E-02	1.41E-05	6.52E-02	8.36E-03	2.61E-03	5.10E-11	1.35E-03	3.59E-06	2.52E-06	3.97E-05	2.47E-05	1.48E-04	2.34E-06	5.34E-05	7.30E-03	6.75E-04	8.69E-03
2596	NG_1292	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.157	1.92E-02	4.04E-02	5.53E-01	2.91E-02	1.04E-05	4.44E-02	6.18E-03	1.93E-03	3.77E-11	1.00E-03	2.65E-06	1.85E-06	2.93E-05	1.82E-05	1.09E-04	1.73E-06	3.95E-05	5.39E-03	4.99E-04	6.43E-03
2597	NG_1293	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.157	1.75E-02	3.67E-02	5.02E-01	2.62E-02	9.47E-06	3.96E-02	5.61E-03	1.75E-03	3.42E-11	9.09E-04	2.40E-06	1.68E-06	2.66E-05	1.66E-05	9.93E-05	1.57E-06	3.59E-05	4.89E-03	4.53E-04	5.83E-03
2598	NG_1294	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.157	1.60E-02	3.36E-02	4.59E-01	2.38E-02	8.67E-06	3.59E-02	5.13E-03	1.60E-03	3.13E-11	8.32E-04	2.20E-06	1.54E-06	2.44E-05	1.52E-05	9.09E-05	1.44E-06	3.28E-05	4.48E-03	4.15E-04	5.34E-03
2599	NG_1295	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.157	1.49E-02	3.13E-02	4.29E-01	2.22E-02	8.09E-06	3.35E-02	4.79E-03	1.49E-03	2.92E-11	7.76E-04	2.05E-06	1.44E-06	2.27E-05	1.41E-05	8.48E-05	1.34E-06	3.06E-05	4.18E-03	3.87E-04	4.98E-03
2600	NG_1296	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.157	1.42E-02	2.98E-02	4.08E-01	2.12E-02	7.70E-06	3.19E-02	4.56E-03	1.42E-03	2.78E-11	7.39E-04	1.96E-06	1.37E-06	2.16E-05	1.35E-05	8.07E-05	1.28E-06	2.91E-05	3.98E-03	3.68E-04	4.74E-03
2602	NG_1298	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.157	1.36E-02	2.85E-02	3.90E-01	2.06E-02	7.36E-06	3.07E-02	4.35E-03	1.36E-03	2.66E-11	7.06E-04	1.87E-06	1.31E-06	2.07E-05	1.29E-05	7.71E-05	1.22E-06	2.78E-05	3.80E-03	3.52E-04	4.53E-03
2603	NG_1299	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.157	1.33E-02	2.80E-02	3.84E-01	2.05E-02	7.24E-06	3.02E-02	4.29E-03	1.34E-03	2.62E-11	6.95E-04	1.84E-06	1.29E-06	2.04E-05	1.27E-05	7.59E-05	1.20E-06	2.74E-05	3.74E-03	3.46E-04	4.46E-03
2604	NG_1300	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.157	1.29E-02	2.70E-02	3.70E-01	1.99E-02	6.98E-06	2.91E-02	4.13E-03	1.29E-03	2.52E-11	6.70E-04	1.77E-06	1.24E-06	1.96E-05	1.22E-05	7.32E-05	1.16E-06	2.64E-05	3.61E-03	3.34E-04	4.30E-03
2605	NG_1301	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.157	1.22E-02	2.56E-02	3.51E-01	1.90E-02	6.62E-06	2.75E-02	3.92E-03	1.22E-03	2.39E-11	6.35E-04	1.68E-06	1.17E-06	1.86E-05	1.16E-05	6.94E-05	1.10E-06	2.51E-05	3.42E-03	3.17E-04	4.08E-03
2606	NG_1302	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.157	1.14E-02	2.40E-02	3.30E-01	1.80E-02	6.21E-06	2.56E-02	3.68E-03	1.15E-03	2.24E-11	5.96E-04	1.57E-06	1.10E-06	1.74E-05	1.09E-05	6.51E-05	1.03E-06	2.35E-05	3.21E-03	2.97E-04	3.82E-03
2607	NG_1303	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.157	1.05E-02	2.21E-02	3.03E-01	1.67E-02	5.70E-06	2.33E-02	3.37E-03	1.05E-03	2.06E-11	5.47E-04	1.44E-06	1.01E-06	1.60E-05	9.96E-06	5.97E-05	9.45E-07	2.16E-05	2.95E-03	2.73E-04	3.51E-03
2608	NG_1304	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.157	9.63E-03	2.02E-02	2.78E-01	1.55E-02	5.22E-06	2.12E-02	3.09E-03	9.65E-04	1.89E-11	5.01E-04	1.32E-06	9.23E-07	1.47E-05	9.13E-06	5.48E-05	8.66E-07	1.98E-05	2.70E-03	2.50E-04	3.22E-03
2609	NG_1305	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.157	8.89E-03	1.87E-02	2.56E-01	1.44E-02	4.82E-06	1.94E-02	2.86E-03	8.92E-04	1.74E-11	4.63E-04	1.22E-06	8.52E-07	1.36E-05	8.43E-06	5.06E-05	8.00E-07	1.83E-05	2.49E-03	2.31E-04	2.97E-03
2610	NG_1306	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.157	8.31E-03	1.75E-02	2.40E-01	1.36E-02	4.51E-06	1.79E-02	2.67E-03	8.33E-04	1.63E-11	4.33E-04	1.14E-06	7.96E-07	1.27E-05	7.88E-06	4.73E-05	7.47E-07	1.71E-05	2.33E-03	2.16E-04	2.78E-03
2611	NG_1307	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.157	7.79E-03	1.64E-02	2.25E-01	1.28E-02	4.22E-06	1.66E-02	2.50E-03	7.81E-04	1.53E-11	4.05E-04	1.07E-06	7.46E-07	1.19E-05	7.38E-06	4.43E-05	7.01E-07	1.60E-05	2.18E-03	2.02E-04	2.60E-03
2612	NG_1308	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.157	7.32E-03	1.54E-02	2.11E-01	1.21E-02	3.97E-06	1.54E-02	2.35E-03	7.33E-04	1.43E-11	3.81E-04	1.01E-06	7.01E-07	1.12E-05	6.94E-06	4.16E-05	6.58E-07	1.50E-05	2.05E-03	1.90E-04	2.44E-03
2613	NG_1309	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.157	6.94E-03	1.46E-02	2.00E-01	1.15E-02	3.76E-06	1.45E-02	2.23E-03	6.96E-04	1.36E-11	3.61E-04	9.54E-07	6.65E-07	1.06E-05	6.58E-06	3.95E-05	6.25E-07	1.43E-05	1.95E-03	1.80E-04	2.32E-03
2614	NG_1310	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.157	6.69E-03	1.40E-02	1.93E-01	1.11E-02	3.63E-06	1.38E-02	2.15E-03	6.70E-04	1.31E-11	3.48E-04	9.19E-07	6.41E-07	1.02E-05	6.34E-06	3.80E-05	6.02E-07	1.37E-05	1.87E-03	1.74E-04	2.23E-03
2615	NG_1311	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.157	6.50E-03	1.37E-02	1.88E-01	1.08E-02	3.53E-06	1.33E-02	2.09E-03	6.52E-04	1.28E-11	3.39E-04	8.94E-07	6.24E-07	9.92E-06	6.17E-06	3.70E-05	5.85E-07	1.34E-05	1.82E-03	1.69E-04	2.17E-03
2616	NG_1312	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.157	6.34E-03	1.33E-02	1.83E-01	1.06E-02	3.44E-06	1.29E-02	2.04E-03	6.36E-04	1.24E-11	3.30E-04	8.72E-07	6.08E-07	9.67E-06	6.01E-06	3.61E-05	5.71E-07	1.30E-05	1.78E-03	1.65E-04	2.12E-03
2617	NG_1313	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.207	6.89E-03	1.45E-02	1.99E-01	1.19E-02	3.74E-06	1.65E-02	2.21E-03	6.90E-04	1.35E-11	3.59E-04	9.51E-07	6.67E-07	1.05E-05	6.54E-06	3.92E-05	6.20E-07	1.41E-05	1.93E-03	1.79E-04	2.30E-03
2618	NG_1314	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.207	7.18E-03	1.51E-02	2.07E-01	1.25E-02	3.90E-06	1.73E-02	2.31E-03	7.20E-04	1.41E-11	3.74E-04	9.91E-07	6.96E-07	1.10E-05	6.82E-06	4.08E-05	6.46E-07	1.47E-05	2.01E-03	1.86E-04	2.40E-03
2619	NG_1315	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.207	7.48E-03	1.57E-02	2.16E-01	1.30E-02	4.07E-06	1.81E-02	2.40E-03	7.50E-04	1.47E-11	3.90E-04	1.03E-06	7.26E-07	1.14E-05	7.11E-06	4.26E-05	6.74E-07	1.54E-05	2.10E-03	1.94E-04	2.50E-03
2620	NG_1316	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.207	7.88E-03	1.65E-02	2.27E-01	1.37E-02	4.28E-06	1.91E-02	2.53E-03	7.90E-04	1.55E-11	4.10E-04	1.09E-06	7.64E-07	1.20E-05	7.48E-06	4.48E-05	7.09E-07	1.62E-05	2.21E-03	2.04E-04	2.63E-03
2621	NG_1317	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.207	8.31E-03	1.75E-02	2.40E-01	1.44E-02	4.52E-06	2.01E-02	2.67E-03	8.33E-04	1.63E-11	4.33E-04	1.15E-06	8.07E-07	1.27E-05	7.90E-06	4.73E-05	7.48E-07	1.71E-05	2.33E-03	2.16E-04	2.78E-03
2622	NG_1318	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.207	8.91E-03	1.87E-02	2.57E-01	1.54E-02	4.84E-06	2.16E-02	2.86E-03	8.93E-04	1.75E-11	4.64E-04	1.23E-06	8.66E-07	1.36E-05	8.46E-06	5.07E-05	8.02E-07	1.83E-05	2.50E-03	2.31E-04	2.98E-03
2623	NG_1319	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.207	9.67E-03	2.03E-02	2.79E-01	1.67E-02	5.25E-06	2.35E-02	3.11E-03	9.69E-04	1.90E-11	5.04E-04	1.34E-06	9.40E-07	1.47E-05	9.19E-06	5.50E-05	8.71E-07	1.99E-05	2.71E-03	2.51E-04	3.23E-03
2624	NG_1320	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.207	1.08E-02	2.27E-02	3.11E-01	1.85E-02	5.86E-06	2.62E-02	3.47E-03	1.08E-03	2.12E-11	5.62E-04	1.49E-06	1.05E-06	1.65E-05	1.02E-05	6.13E-05	9.71E-07	2.21E-05	3.02E-03	2.80E-04	3.60E-03
2625	NG_1321	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.207	1.21E-02	2.54E-02	3.48E-01	2.07E-02	6.57E-06	2.94E-02	3.89E-03	1.21E-03	2.37E-11	6.30E-04	1.67E-06	1.18E-06	1.85E-05	1.15E-05	6.88E-05	1.09E-06	2.48E-05	3.39E-03	3.14E-04	4.04E-03
2626	NG_1322	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.207	1.37E-02	2.89E-02	3.96E-01	2.33E-02	7.47E-06	3.34E-02	4.41E-03	1.38E-03	2.69E-11	7.16E-04	1.90E-06	1.34E-06	2.10E-05	1.31E-05	7.81E-05	1.24E-06	2.82E-05	3.85E-03	3.56E-04	4.59E-03
2627	NG_1323	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.207	1.55E-02	3.26E-02	4.47E-01	2.61E-02	8.43E-06	3.77E-02	4.99E-03	1.56E-03	3.04E-11	8.08E-04	2.14E-06	1.51E-06	2.37E-05	1.47E-05	8.82E-05	1.40E-06	3.19E-05	4.35E-03	4.03E-04	5.18E-03

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 1 GRID MAX

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.124**	**0.260**	**3.550**	**0.199**	**6.74E-05**	**0.358**	**0.040**	**0.012**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**0.035**	**0.003**	**0.041**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2628	NG_1324	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.207	1.77E-02	3.71E-02	5.09E-01	2.94E-02	9.61E-06	4.30E-02	5.68E-03	1.77E-03	3.47E-11	9.21E-04	2.44E-06	1.72E-06	2.70E-05	1.68E-05	1.01E-04	1.59E-06	3.63E-05	4.96E-03	4.59E-04	5.91E-03
2629	NG_1325	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.207	1.98E-02	4.15E-02	5.69E-01	3.26E-02	1.07E-05	4.81E-02	6.35E-03	1.98E-03	3.88E-11	1.03E-03	2.73E-06	1.92E-06	3.02E-05	1.88E-05	1.12E-04	1.78E-06	4.06E-05	5.54E-03	5.13E-04	6.61E-03
2630	NG_1326	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.207	2.16E-02	4.54E-02	6.22E-01	3.54E-02	1.17E-05	5.29E-02	6.94E-03	2.17E-03	4.24E-11	1.13E-03	2.98E-06	2.10E-06	3.30E-05	2.05E-05	1.23E-04	1.95E-06	4.44E-05	6.06E-03	5.61E-04	7.22E-03
2631	NG_1327	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.207	2.28E-02	4.79E-02	6.55E-01	3.72E-02	1.24E-05	5.62E-02	7.32E-03	2.29E-03	4.47E-11	1.19E-03	3.15E-06	2.21E-06	3.48E-05	2.16E-05	1.30E-04	2.05E-06	4.68E-05	6.39E-03	5.91E-04	7.62E-03
2632	NG_1328	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.207	2.31E-02	4.86E-02	6.65E-01	3.76E-02	1.26E-05	5.73E-02	7.43E-03	2.32E-03	4.54E-11	1.21E-03	3.19E-06	2.24E-06	3.53E-05	2.20E-05	1.32E-04	2.08E-06	4.75E-05	6.49E-03	6.00E-04	7.73E-03
2637	NG_1333	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.207	1.72E-02	3.62E-02	4.96E-01	2.62E-02	9.36E-06	3.95E-02	5.54E-03	1.73E-03	3.38E-11	8.98E-04	2.37E-06	1.66E-06	2.63E-05	1.64E-05	9.81E-05	1.55E-06	3.54E-05	4.83E-03	4.47E-04	5.76E-03
2638	NG_1334	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.207	1.57E-02	3.29E-02	4.51E-01	2.35E-02	8.50E-06	3.53E-02	5.03E-03	1.57E-03	3.07E-11	8.16E-04	2.16E-06	1.51E-06	2.39E-05	1.49E-05	8.91E-05	1.41E-06	3.22E-05	4.39E-03	4.07E-04	5.24E-03
2639	NG_1335	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.207	1.45E-02	3.04E-02	4.16E-01	2.16E-02	7.85E-06	3.23E-02	4.65E-03	1.45E-03	2.84E-11	7.53E-04	1.99E-06	1.39E-06	2.21E-05	1.37E-05	8.23E-05	1.30E-06	2.97E-05	4.06E-03	3.75E-04	4.83E-03
2640	NG_1336	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.207	1.36E-02	2.85E-02	3.90E-01	2.02E-02	7.36E-06	3.02E-02	4.35E-03	1.36E-03	2.66E-11	7.06E-04	1.87E-06	1.31E-06	2.07E-05	1.29E-05	7.71E-05	1.22E-06	2.78E-05	3.80E-03	3.52E-04	4.53E-03
2641	NG_1337	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.207	1.30E-02	2.73E-02	3.74E-01	1.95E-02	7.06E-06	2.90E-02	4.18E-03	1.30E-03	2.55E-11	6.77E-04	1.79E-06	1.25E-06	1.98E-05	1.23E-05	7.39E-05	1.17E-06	2.67E-05	3.65E-03	3.37E-04	4.34E-03
2642	NG_1338	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.207	1.27E-02	2.68E-02	3.67E-01	1.92E-02	6.92E-06	2.86E-02	4.10E-03	1.28E-03	2.50E-11	6.64E-04	1.76E-06	1.23E-06	1.94E-05	1.21E-05	7.25E-05	1.15E-06	2.62E-05	3.57E-03	3.31E-04	4.26E-03
2643	NG_1339	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.207	1.26E-02	2.65E-02	3.63E-01	1.91E-02	6.84E-06	2.83E-02	4.05E-03	1.26E-03	2.47E-11	6.56E-04	1.74E-06	1.22E-06	1.92E-05	1.20E-05	7.17E-05	1.13E-06	2.59E-05	3.53E-03	3.27E-04	4.21E-03
2644	NG_1340	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.207	1.25E-02	2.63E-02	3.60E-01	1.91E-02	6.79E-06	2.82E-02	4.02E-03	1.25E-03	2.45E-11	6.51E-04	1.72E-06	1.21E-06	1.91E-05	1.19E-05	7.11E-05	1.13E-06	2.57E-05	3.51E-03	3.24E-04	4.18E-03
2645	NG_1341	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.207	1.22E-02	2.57E-02	3.52E-01	1.88E-02	6.63E-06	2.75E-02	3.93E-03	1.23E-03	2.40E-11	6.36E-04	1.68E-06	1.18E-06	1.86E-05	1.16E-05	6.95E-05	1.10E-06	2.51E-05	3.43E-03	3.17E-04	4.08E-03
2646	NG_1342	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.207	1.17E-02	2.46E-02	3.37E-01	1.82E-02	6.36E-06	2.62E-02	3.76E-03	1.17E-03	2.30E-11	6.10E-04	1.61E-06	1.13E-06	1.79E-05	1.11E-05	6.66E-05	1.05E-06	2.41E-05	3.29E-03	3.04E-04	3.92E-03
2647	NG_1343	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.207	1.10E-02	2.30E-02	3.16E-01	1.72E-02	5.95E-06	2.44E-02	3.52E-03	1.10E-03	2.15E-11	5.71E-04	1.51E-06	1.05E-06	1.67E-05	1.04E-05	6.24E-05	9.87E-07	2.25E-05	3.08E-03	2.85E-04	3.67E-03
2648	NG_1344	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.207	1.01E-02	2.13E-02	2.92E-01	1.60E-02	5.50E-06	2.24E-02	3.26E-03	1.02E-03	1.99E-11	5.28E-04	1.40E-06	9.74E-07	1.55E-05	9.62E-06	5.77E-05	9.13E-07	2.08E-05	2.84E-03	2.63E-04	3.39E-03
2649	NG_1345	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.207	9.41E-03	1.98E-02	2.71E-01	1.50E-02	5.10E-06	2.06E-02	3.02E-03	9.43E-04	1.85E-11	4.90E-04	1.29E-06	9.03E-07	1.43E-05	8.92E-06	5.35E-05	8.46E-07	1.93E-05	2.64E-03	2.44E-04	3.14E-03
2650	NG_1346	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.207	8.73E-03	1.83E-02	2.52E-01	1.41E-02	4.73E-06	1.90E-02	2.80E-03	8.75E-04	1.71E-11	4.54E-04	1.20E-06	8.37E-07	1.33E-05	8.28E-06	4.96E-05	7.85E-07	1.79E-05	2.45E-03	2.27E-04	2.92E-03
2651	NG_1347	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.207	8.16E-03	1.71E-02	2.35E-01	1.32E-02	4.43E-06	1.76E-02	2.62E-03	8.18E-04	1.60E-11	4.25E-04	1.12E-06	7.82E-07	1.24E-05	7.74E-06	4.64E-05	7.34E-07	1.68E-05	2.29E-03	2.12E-04	2.73E-03
2652	NG_1348	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.207	7.56E-03	1.59E-02	2.18E-01	1.24E-02	4.10E-06	1.61E-02	2.43E-03	7.58E-04	1.48E-11	3.94E-04	1.04E-06	7.25E-07	1.15E-05	7.17E-06	4.30E-05	6.80E-07	1.55E-05	2.12E-03	1.96E-04	2.53E-03
2653	NG_1349	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.207	7.09E-03	1.49E-02	2.05E-01	1.17E-02	3.85E-06	1.50E-02	2.28E-03	7.11E-04	1.39E-11	3.69E-04	9.75E-07	6.80E-07	1.08E-05	6.73E-06	4.03E-05	6.38E-07	1.46E-05	1.99E-03	1.84E-04	2.37E-03
2654	NG_1350	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.207	6.71E-03	1.41E-02	1.94E-01	1.11E-02	3.64E-06	1.40E-02	2.16E-03	6.73E-04	1.32E-11	3.49E-04	9.23E-07	6.43E-07	1.02E-05	6.36E-06	3.82E-05	6.04E-07	1.38E-05	1.88E-03	1.74E-04	2.24E-03
2655	NG_1351	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.207	6.43E-03	1.35E-02	1.86E-01	1.07E-02	3.49E-06	1.33E-02	2.07E-03	6.45E-04	1.26E-11	3.35E-04	8.84E-07	6.17E-07	9.81E-06	6.10E-06	3.66E-05	5.79E-07	1.32E-05	1.80E-03	1.67E-04	2.15E-03
2656	NG_1352	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.207	6.20E-03	1.30E-02	1.79E-01	1.03E-02	3.36E-06	1.27E-02	1.99E-03	6.22E-04	1.22E-11	3.23E-04	8.53E-07	5.95E-07	9.46E-06	5.88E-06	3.53E-05	5.58E-07	1.27E-05	1.74E-03	1.61E-04	2.07E-03
2657	NG_1353	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.207	6.02E-03	1.26E-02	1.74E-01	1.00E-02	3.26E-06	1.22E-02	1.93E-03	6.03E-04	1.18E-11	3.13E-04	8.28E-07	5.78E-07	9.18E-06	5.71E-06	3.42E-05	5.41E-07	1.24E-05	1.69E-03	1.56E-04	2.01E-03
2658	NG_1354	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.257	6.56E-03	1.38E-02	1.89E-01	1.15E-02	3.56E-06	1.56E-02	2.11E-03	6.57E-04	1.29E-11	3.42E-04	9.05E-07	6.35E-07	1.00E-05	6.23E-06	3.73E-05	5.90E-07	1.35E-05	1.84E-03	1.70E-04	2.19E-03
2659	NG_1355	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.257	6.82E-03	1.43E-02	1.97E-01	1.19E-02	3.71E-06	1.63E-02	2.19E-03	6.84E-04	1.34E-11	3.55E-04	9.42E-07	6.61E-07	1.04E-05	6.48E-06	3.88E-05	6.14E-07	1.40E-05	1.91E-03	1.77E-04	2.28E-03
2660	NG_1356	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.257	7.13E-03	1.50E-02	2.06E-01	1.25E-02	3.87E-06	1.71E-02	2.29E-03	7.15E-04	1.40E-11	3.71E-04	9.84E-07	6.91E-07	1.09E-05	6.77E-06	4.05E-05	6.42E-07	1.46E-05	2.00E-03	1.85E-04	2.38E-03
2661	NG_1357	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.257	7.50E-03	1.58E-02	2.16E-01	1.31E-02	4.08E-06	1.80E-02	2.41E-03	7.52E-04	1.47E-11	3.91E-04	1.04E-06	7.28E-07	1.14E-05	7.13E-06	4.27E-05	6.76E-07	1.54E-05	2.10E-03	1.95E-04	2.51E-03
2662	NG_1358	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.257	7.96E-03	1.67E-02	2.30E-01	1.38E-02	4.33E-06	1.90E-02	2.56E-03	7.98E-04	1.56E-11	4.15E-04	1.10E-06	7.73E-07	1.21E-05	7.56E-06	4.53E-05	7.17E-07	1.63E-05	2.23E-03	2.07E-04	2.66E-03
2663	NG_1359	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.257	8.55E-03	1.80E-02	2.46E-01	1.48E-02	4.64E-06	2.04E-02	2.75E-03	8.57E-04	1.68E-11	4.45E-04	1.18E-06	8.31E-07	1.30E-05	8.12E-06	4.86E-05	7.70E-07	1.76E-05	2.40E-03	2.22E-04	2.86E-03
2664	NG_1360	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.257	9.38E-03	1.97E-02	2.70E-01	1.62E-02	5.10E-06	2.24E-02	3.01E-03	9.41E-04	1.84E-11	4.89E-04	1.30E-06	9.12E-07	1.43E-05	8.91E-06	5.34E-05	8.45E-07	1.93E-05	2.63E-03	2.43E-04	3.14E-03
2665	NG_1361	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.257	1.05E-02	2.21E-02	3.03E-01	1.80E-02	5.71E-06	2.52E-02	3.38E-03	1.05E-03	2.06E-11	5.47E-04	1.45E-06	1.02E-06	1.60E-05	9.99E-06	5.98E-05	9.46E-07	2.16E-05	2.95E-03	2.73E-04	3.51E-03
2666	NG_1362	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.257	1.18E-02	2.48E-02	3.40E-01	2.02E-02	6.42E-06	2.83E-02	3.80E-03	1.18E-03	2.32E-11	6.16E-04	1.63E-06	1.15E-06	1.80E-05	1.12E-05	6.72E-05	1.06E-06	2.43E-05	3.31E-03	3.07E-04	3.95E-03
2667	NG_1363	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.257	1.33E-02	2.78E-02	3.82E-01	2.24E-02	7.20E-06	3.17E-02	4.26E-03	1.33E-03	2.60E-11	6.90E-04	1.83E-06	1.29E-06	2.02E-05	1.26E-05	7.54E-05	1.19E-06	2.72E-05	3.72E-03	3.44E-04	4.43E-03
2668	NG_1364	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.257	1.50E-02	3.15E-02	4.31E-01	2.51E-02	8.14E-06	3.59E-02	4.81E-03	1.50E-03	2.94E-11	7.81E-04	2.07E-06	1.46E-06	2.29E-05	1.42E-05	8.52E-05	1.35E-06	3.08E-05	4.20E-03	3.89E-04	5.01E-03
2669	NG_1365	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.257	1.70E-02	3.56E-02	4.88E-01	2.82E-02	9.21E-06	4.07E-02	5.45E-03	1.70E-03	3.33E-11	8.83E-04	2.34E-06	1.65E-06	2.59E-05	1.61E-05	9.64E-05	1.53E-06	3.48E-05	4.75E-03	4.40E-04	5.67E-03
2670	NG_1366	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.257	1.89E-02	3.97E-02	5.44E-01	3.12E-02	1.03E-05	4.56E-02	6.07E-03	1.89E-03	3.71E-11	9.84E-04	2.61E-06	1.83E-06	2.88E-05	1.79E-05	1.07E-04	1.70E-06	3.88E-05	5.30E-03	4.90E-04	6.31E-03
2671	NG_1367	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.257	2.03E-02	4.26E-02	5.83E-01	3.33E-02	1.10E-05	4.92E-02	6.51E-03	2.03E-03	3.98E-11	1.06E-03	2.80E-06	1.96E-06	3.09E-05	1.93E-05	1.15E-04	1.83E-06	4.16E-05	5.69E-03	5.26E-04	6.78E-03
2672	NG_1368	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.257	2.09E-02	4.39E-02	6.01E-01	3.42E-02	1.13E-05	5.11E-02	6.72E-03	2.10E-03	4.10E-11	1.09E-03	2.88E-06	2.02E-06	3.19E-05	1.98E-05	1.19E-04	1.88E-06	4.29E-05	5.86E-03	5.42E-04	6.98E-03
2673	NG_1369	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.257	2.09E-02	4.39E-02	6.01E-01	3.40E-02	1.13E-05	5.12E-02	6.71E-03	2.09E-03	4.10E-11	1.09E-03	2.88E-06	2.01E-06	3.18E-05	1.98E-05	1.19E-04	1.88E-06	4.29E-05	5.86E-03	5.42E-04	6.98E-03
2678	NG_1374	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.257	1.53E-02	3.21E-02	4.40E-01	2.33E-02	8.30E-06	3.47E-02	4.92E-03	1.53E-03	3.00E-11	7.97E-04	2.11E-06	1.47E-06	2.33E-05	1.45E-05	8.70E-05	1.38E-06	3.14E-05	4.29E-03	3.97E-04	5.11E-03
2679	NG_1375	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.257	1.40E-02	2.95E-02	4.04E-01	2.12E-02	7.62E-06	3.13E-02	4.51E-03	1.41E-03	2.76E-11	7.31E-04	1.93E-06	1.35E-06	2.14E-05	1.33E-05	7.99E-05	1.26E-06	2.89E-05	3.94E-03	3.65E-04	4.69E-03
2680	NG_1376	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.257	1.30E-02	2.74E-02	3.75E-01	1.95E-02	7.08E-06	2.89E-02	4.19E-03	1.31E-03	2.56E-11	6.79E-04	1.80E-06	1.25E-06	1.99E-05	1.24E-05	7.42E-05	1.17E-06	2.68E-05	3.66E-03	3.38E-04	4.36E-03
2681	NG_1377	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.257	1.23E-02	2.59E-02	3.55E-01	1.85E-02	6.70E-06	2.73E-02	3.96E-03	1.24E-03	2.42E-11	6.43E-04	1.70E-06	1.19E-06	1.88E-05	1.17E-05	7.02E-05	1.11E-06	2.53E-05	3.46E-03	3.20E-04	4.12E-03
2682	NG_1378	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.257	1.20E-02	2.51E-02	3.44E-01	1.79E-02	6.49E-06	2.66E-02	3.84E-03	1.20E-03	2.35E-11	6.23E-04	1.65E-06	1.15E-06	1.82E-05	1.13E-05	6.80E-05	1.08E-06	2.46E-05	3.35E-03	3.10E-04	4.00E-03
2683	NG_1379	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.257	1.18E-02	2.47E-02	3.38E-01	1.77E-02	6.38E-06	2.62E-02	3.77E-03	1.18E-03	2.30E-11	6.12E-04	1.62E-06	1.13E-06	1.79E-05	1.12E-05	6.68E-05	1.06E-06	2.41E-05	3.29E-03	3.05E-04	3.93E-03
2684	NG_1380	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.257	1.17E-02	2.45E-02	3.36E-01	1.77E-02	6.33E-06	2.61E-02	3.75E-03	1.17E-03	2.29E-11	6.08E-04	1.61E-06	1.13E-06	1.78E-05	1.11E-05	6.63E-05	1.05E-06	2.40E-05	3.27E-03	3.03E-04	3.90E-03
2685	NG_1381	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.257	1.16E-02	2.45E-02	3.35E-01	1.78E-02	6.32E-06	2.61E-02	3.74E-03	1.17E-03	2.28E-11	6.06E-04	1.61E-06	1.12E-06	1.78E-05	1.11E-05	6.62E-05	1.05E-06	2.39E-05	3.27E-03	3.02E-04	3.89E-03
2686	NG_1382	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.257	1.16E-02	2.43E-02	3.34E-01	1.78E-02	6.29E-06	2.60E-02	3.72E-03	1.16E-03	2.27E-11	6.03E-04	1.60E-06	1.12E-06	1.77E-05	1.10E-05	6.59E-05	1.04E-06	2.38E-05	3.25E-03	3.01E-04	3.87E-03
2687	NG_1383	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.257	1.12E-02	2.36E-02	3.23E-01	1.74E-02	6.09E-06	2.50E-02	3.60E-03	1.12E-03	2.20E-11	5.84E-04	1.55E-06	1.08E-06	1.71E-05	1.06E-05	6.38E-05	1.01E-06	2.30E-05	3.15E-03	2.91E-04	3.75E-03
2688	NG_1384	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.257	1.05E-02	2.21E-02	3.03E-01	1.64E-02	5.70E-06	2.32E-02	3.38E-03	1.05E-03	2.06E-11	5.47E-04	1.45E-06	1.01E-06	1.60E-05	9.97E-06	5.98E-05	9.46E-07	2.16E-05	2.95E-03	2.73E-04	3.51E-03
2689	NG_1385	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.257	9.80E-03	2.06E-02	2.83E-01	1.54E-02	5.32E-06	2.15E-02	3.15E-03	9.83E-04	1.92E-11	5.10E-04	1.35E-06	9.42E-07	1.49E-05	9.30E-06	5.58E-05	8.82E-07	2.01E-05	2.75E-03	2.54E-04	3.28E-03
2690	NG_1386	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.257	9.13E-03	1.92E-02	2.63E-01	1.45E-02	4.95E-06	1.99E-02	2.93E-03	9.15E-04	1.79E-11	4.75E-04	1.26E-06	8.76E-07	1.39E-05	8.66E-06	5.19E-05	8.21E-07	1.87E-05	2.56E-03	2.37E-04	3.05E-03
2691	NG_1387	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.257	8.58E-03	1.80E-02	2.47E-01	1.37E-02	4.65E-06	1.86E-02	2.76E-03	8.60E-04	1.68E-11	4.47E-04	1.18E-06	8.23E-07	1.31E-05	8.14E-06	4.88E-05	7.72E-07	1.76E-05	2.41E-03	2.23E-04	2.87E-03
2692	NG_1388	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.257	7.99E-03	1.68E-02	2.31E-01	1.29E-02	4.33E-06	1.72E-02	2.57E-03	8.01E-04	1.57E-11	4.16E-04	1.10E-06	7.67E-07	1.22E-05	7.58E-06	4.55E-05	7.19E-07	1.64E-05	2.24E-03	2.07E-04	2.67E-03
2693	NG_1389	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.257	7.41E-03	1.56E-02	2.14E-01	1.20E-02	4.02E-06	1.58E-02	2.38E-03	7.43E-04	1.45E-11	3.86E-04	1.02E-06	7.11E-07	1.13E-05	7.03E-06	4.21E-05	6.67E-07	1.52E-05	2.08E-03	1.92E-04	2.48E-03
2694	NG_1390	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.257	6.86E-03	1.44E-02	1.98E-01	1.12E-02	3.72E-06	1.44E-02	2.21E-03	6.88E-04	1.35E-11	3.57E-04	9.44E-07	6.58E-07	1.05E-05	6.51E-06	3.90E-05	6.18E-07	1.41E-05	1.92E-03	1.78E-04	2.29E-03
2695	NG_1391	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.257	6.50E-03	1.36E-02	1.88E-01	1.07E-02	3.52E-06	1.35E-02	2.09E-03	6.51E-04	1.27E-11	3.38E-04	8.93E-07	6.23E-07	9.91E-06	6.16E-06	3.69E-05	5.84E-07	1.33E-05	1.82E-03	1.69E-04	2.17E-03
2696	NG_1392	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.257	6.24E-03	1.31E-02	1.80E-01	1.03E-02	3.39E-06	1.29E-02	2.01E-03	6.26E-04	1.22E-11	3.25E-04	8.58E-07	5.99E-07	9.52E-06	5.92E-06	3.55E-05	5.62E-07	1.28E-05	1.75E-03	1.62E-04	2.09E-03
2697	NG_1393	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.257	5.99E-03	1.26E-02	1.73E-01	9.93E-03	3.25E-06	1.22E-02	1.92E-03	6.00E-04	1.17E-11	3.12E-04	8.23E-07	5.74E-07	9.13E-06	5.68E-06	3.40E-05	5.38E-07	1.23E-05	1.68E-03	1.55E-04	2.00E-03
2698	NG_1394	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.257	5.75E-03	1.21E-02	1.66E-01	9.56E-03	3.12E-06	1.16E-02	1.85E-03	5.76E-04	1.13E-11	2.99E-04	7.90E-07	5.52E-07	8.76E-06	5.45E-06	3.27E-05	5.17E-07	1.18E-05	1.61E-03	1.49E-04	1.92E-03
2699	NG_1395	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.307	6.26E-03	1.31E-02	1.81E-01	1.10E-02	3.40E-06	1.48E-02	2.01E-03	6.27E-04	1.23E-11	3.26E-04	8.63E-07	6.06E-07	9.54E-06	5.94E-06	3.56E-05	5.63E-07	1.28E-05	1.75E-03	1.62E-04	2.09E-03
2700	NG_1396	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.307	6.51E-03	1.37E-02	1.88E-01	1.15E-02	3.54E-06	1.54E-02	2.09E-03	6.53E-04	1.28E-11	3.39E-04	8.99E-07	6.31E-07	9.93E-06	6.18E-06	3.70E-05	5.86E-07	1.34E-05	1.83E-03	1.69E-04	2.18E-03
2701	NG_1397	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.307	6.84E-03	1.44E-02	1.97E-01	1.20E-02	3.72E-06	1.62E-02	2.20E-03	6.86E-04	1.34E-11	3.56E-04	9.44E-07	6.64E-07	1.04E-05	6.50E-06	3.89E-05	6.16E-07	1.40E-05	1.92E-03	1.78E-04	2.29E-03
2702	NG_1398	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.307	7.23E-03	1.52E-02	2.08E-01	1.26E-02	3.93E-06	1.71E-02	2.32E-03	7.24E-04	1.42E-11	3.76E-04	9.98E-07	7.01E-07	1.10E-05	6.86E-06	4.11E-05	6.51E-07	1.48E-05	2.03E-03	1.88E-04	2.41E-03
2703	NG_1399	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.307	7.70E-03	1.62E-02	2.22E-01	1.34E-02	4.18E-06	1.82E-02	2.47E-03	7.72E-04	1.51E-11	4.01E-04	1.06E-06	7.48E-07	1.17E-05	7.31E-06	4.38E-05	6.93E-07	1.58E-05	2.16E-03	2.00E-04	2.57E-03
2704	NG_1400	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.307	8.29E-03	1.74E-02	2.39E-01	1.43E-02	4.50E-06	1.95E-02	2.66E-03	8.31E-04	1.63E-11	4.32E-04	1.15E-06	8.06E-07	1.26E-05	7.88E-06	4.71E-05	7.47E-07	1.70E-05	2.32E-03	2.15E-04	2.77E-03
2705	NG_1401	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.307	9.17E-03	1.93E-02	2.64E-01	1.58E-02	4.98E-06	2.16E-02	2.95E-03	9.19E-04	1.80E-11	4.78E-04	1.27E-06	8.92E-07	1.40E-05	8.71E-06	5.21E-05	8.26E-07	1.88E-05	2.57E-03	2.38E-04	3.06E-03
2706	NG_1402	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.307	1.04E-02	2.18E-02	2.99E-01	1.78E-02	5.63E-06	2.44E-02	3.33E-03	1.04E-03	2.03E-11	5.40E-04	1.43E-06	1.01E-06	1.58E-05	9.84E-06	5.89E-05	9.33E-07	2.13E-05	2.91E-03	2.69E-04	3.46E-03
2707	NG_1403	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.307	1.16E-02	2.44E-02	3.34E-01	1.97E-02	6.31E-06	2.74E-02	3.73E-03	1.16E-03	2.28E-11	6.04E-04	1.60E-06	1.13E-06	1.77E-05	1.10E-05	6.60E-05	1.04E-06	2.38E-05	3.25E-03	3.01E-04	3.88E-03
2708	NG_1404	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.307	1.28E-02	2.69E-02	3.69E-01	2.16E-02	6.96E-06	3.02E-02	4.11E-03	1.28E-03	2.51E-11	6.67E-04	1.77E-06	1.25E-06	1.95E-05	1.22E-05	7.28E-05	1.15E-06	2.63E-05	3.59E-03	3.32E-04	4.28E-03
2709	NG_1405	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.307	1.43E-02	3.01E-02	4.12E-01	2.39E-02	7.77E-06	3.38E-02	4.60E-03	1.43E-03	2.81E-11	7.45E-04	1.98E-06	1.39E-06	2.18E-05	1.36E-05	8.14E-05	1.29E-06	2.94E-05	4.01E-03	3.71E-04	4.78E-03
2710	NG_1406	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.307	1.62E-02	3.39E-02	4.65E-01	2.68E-02	8.78E-06	3.83E-02	5.19E-03	1.62E-03	3.17E-11	8.41E-04	2.23E-06	1.57E-06	2.46E-05	1.53E-05	9.19E-05	1.45E-06	3.32E-05	4.53E-03	4.19E-04	5.40E-03
2711	NG_1407	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.307	1.78E-02	3.75E-02	5.14E-01	2.94E-02	9.69E-06	4.27E-02	5.73E-03	1.79E-03	3.50E-11	9.29E-04	2.46E-06	1.73E-06	2.72E-05	1.69E-05	1.01E-04	1.61E-06	3.66E-05	5.00E-03	4.63E-04	5.96E-03
2712	NG_1408	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.307	1.89E-02	3.96E-02	5.43E-01	3.10E-02	1.02E-05	4.55E-02	6.06E-03	1.89E-03	3.70E-11	9.83E-04	2.60E-06	1.83E-06	2.88E-05	1.79E-05	1.07E-04	1.70E-06	3.88E-05	5.29E-03	4.90E-04	6.31E-03
2713	NG_1409	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.307	1.91E-02	4.02E-02	5.50E-01	3.13E-02	1.04E-05	4.63E-02	6.14E-03	1.92E-03	3.75E-11	9.96E-04	2.63E-06	1.85E-06	2.92E-05	1.81E-05	1.09E-04	1.72E-06	3.93E-05	5.36E-03	4.96E-04	6.39E-03
2714	NG_1410	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.307	1.89E-02	3.96E-02	5.43E-01	3.08E-02	1.02E-05	4.58E-02	6.06E-03	1.89E-03	3.70E-11	9.82E-04	2.60E-06	1.82E-06	2.88E-05	1.79E-05	1.07E-04	1.70E-06	3.87E-05	5.29E-03	4.90E-04	6.30E-03
2715	NG_1411	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.307	1.84E-02	3.87E-02	5.31E-01	2.99E-02	1.00E-05	4.47E-02	5.93E-03	1.85E-03	3.62E-11	9.60E-04	2.54E-06	1.77E-06	2.81E-05	1.75E-05	1.05E-04	1.66E-06	3.79E-05	5.17E-03	4.79E-04	6.16E-03
2716	NG_1412	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.307	1.79E-02	3.75E-02	5.14E-01	2.86E-02	9.69E-06	4.30E-02	5.74E-03	1.79E-03	3.50E-11	9.30E-04	2.46E-06	1.72E-06	2.72E-05	1.69E-05	1.02E-04	1.61E-06	3.67E-05	5.01E-03	4.64E-04	5.97E-03
2717	NG_1413	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.307	1.67E-02	3.50E-02	4.80E-01	2.62E-02	9.04E-06	3.93E-02	5.36E-03	1.67E-03	3.27E-11	8.68E-04	2.29E-06	1.60E-06	2.54E-05	1.58E-05	9.48E-05	1.50E-06	3.42E-05	4.67E-03	4.33E-04	5.57E-03
2718	NG_1414	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.307	1.51E-02	3.17E-02	4.34E-01	2.33E-02	8.18E-06	3.46E-02	4.85E-03	1.51E-03	2.96E-11	7.85E-04	2.08E-06	1.45E-06	2.30E-05	1.43E-05	8.58E-05	1.36E-06	3.10E-05	4.23E-03	3.91E-04	5.04E-03

AQIA DATA - SCENARIO 1 GRID MAX

Annual Average Pollutant Concentration (µg/m3) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.124**	**0.260**	**3.550**	**0.199**	**6.74E-05**	**0.358**	**0.040**	**0.012**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**0.035**	**0.003**	**0.041**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2719	NG_1415	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.307	1.37E-02	2.89E-02	3.96E-01	2.09E-02	7.45E-06	3.08E-02	4.41E-03	1.38E-03	2.70E-11	7.15E-04	1.89E-06	1.32E-06	2.10E-05	1.30E-05	7.81E-05	1.24E-06	2.82E-05	3.85E-03	3.57E-04	4.59E-03
2720	NG_1416	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.307	1.27E-02	2.67E-02	3.66E-01	1.92E-02	6.90E-06	2.82E-02	4.09E-03	1.28E-03	2.50E-11	6.63E-04	1.75E-06	1.22E-06	1.94E-05	1.21E-05	7.24E-05	1.15E-06	2.61E-05	3.57E-03	3.30E-04	4.25E-03
2721	NG_1417	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.307	1.19E-02	2.50E-02	3.43E-01	1.79E-02	6.47E-06	2.62E-02	3.83E-03	1.20E-03	2.34E-11	6.21E-04	1.64E-06	1.15E-06	1.82E-05	1.13E-05	6.78E-05	1.07E-06	2.45E-05	3.34E-03	3.09E-04	3.98E-03
2722	NG_1418	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.307	1.13E-02	2.38E-02	3.26E-01	1.70E-02	6.14E-06	2.49E-02	3.64E-03	1.14E-03	2.22E-11	5.90E-04	1.56E-06	1.09E-06	1.73E-05	1.07E-05	6.44E-05	1.02E-06	2.33E-05	3.18E-03	2.94E-04	3.78E-03
2723	NG_1419	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.307	1.10E-02	2.30E-02	3.16E-01	1.65E-02	5.95E-06	2.42E-02	3.52E-03	1.10E-03	2.15E-11	5.71E-04	1.51E-06	1.06E-06	1.67E-05	1.04E-05	6.24E-05	9.87E-07	2.25E-05	3.08E-03	2.85E-04	3.67E-03
2724	NG_1420	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.307	1.07E-02	2.26E-02	3.10E-01	1.62E-02	5.83E-06	2.38E-02	3.45E-03	1.08E-03	2.11E-11	5.60E-04	1.48E-06	1.04E-06	1.64E-05	1.02E-05	6.11E-05	9.67E-07	2.21E-05	3.01E-03	2.79E-04	3.59E-03
2725	NG_1421	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.307	1.06E-02	2.24E-02	3.07E-01	1.61E-02	5.78E-06	2.36E-02	3.42E-03	1.07E-03	2.09E-11	5.54E-04	1.47E-06	1.03E-06	1.62E-05	1.01E-05	6.05E-05	9.58E-07	2.19E-05	2.98E-03	2.76E-04	3.56E-03
2726	NG_1422	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.307	1.08E-02	2.26E-02	3.10E-01	1.64E-02	5.84E-06	2.39E-02	3.46E-03	1.08E-03	2.11E-11	5.60E-04	1.48E-06	1.04E-06	1.64E-05	1.02E-05	6.12E-05	9.68E-07	2.21E-05	3.02E-03	2.79E-04	3.59E-03
2727	NG_1423	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.307	1.08E-02	2.27E-02	3.12E-01	1.66E-02	5.88E-06	2.41E-02	3.48E-03	1.09E-03	2.12E-11	5.64E-04	1.49E-06	1.05E-06	1.65E-05	1.03E-05	6.16E-05	9.74E-07	2.22E-05	3.04E-03	2.81E-04	3.62E-03
2728	NG_1424	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.307	1.06E-02	2.22E-02	3.05E-01	1.64E-02	5.75E-06	2.35E-02	3.40E-03	1.06E-03	2.08E-11	5.51E-04	1.46E-06	1.02E-06	1.61E-05	1.00E-05	6.02E-05	9.53E-07	2.17E-05	2.97E-03	2.75E-04	3.54E-03
2729	NG_1425	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.307	1.00E-02	2.11E-02	2.89E-01	1.56E-02	5.44E-06	2.20E-02	3.22E-03	1.01E-03	1.97E-11	5.22E-04	1.38E-06	9.66E-07	1.53E-05	9.51E-06	5.70E-05	9.02E-07	2.06E-05	2.81E-03	2.60E-04	3.35E-03
2730	NG_1426	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.307	9.36E-03	1.97E-02	2.70E-01	1.47E-02	5.08E-06	2.04E-02	3.01E-03	9.39E-04	1.84E-11	4.87E-04	1.29E-06	9.01E-07	1.43E-05	8.88E-06	5.32E-05	8.42E-07	1.92E-05	2.62E-03	2.43E-04	3.13E-03
2731	NG_1427	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.307	8.82E-03	1.85E-02	2.55E-01	1.39E-02	4.79E-06	1.91E-02	2.83E-03	8.85E-04	1.73E-11	4.59E-04	1.21E-06	8.48E-07	1.35E-05	8.37E-06	5.02E-05	7.94E-07	1.81E-05	2.47E-03	2.29E-04	2.95E-03
2732	NG_1428	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.307	8.35E-03	1.75E-02	2.41E-01	1.33E-02	4.53E-06	1.80E-02	2.68E-03	8.37E-04	1.64E-11	4.35E-04	1.15E-06	8.02E-07	1.27E-05	7.92E-06	4.75E-05	7.51E-07	1.71E-05	2.34E-03	2.17E-04	2.79E-03
2733	NG_1429	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.307	7.84E-03	1.65E-02	2.26E-01	1.26E-02	4.25E-06	1.68E-02	2.52E-03	7.86E-04	1.54E-11	4.08E-04	1.08E-06	7.53E-07	1.19E-05	7.43E-06	4.46E-05	7.05E-07	1.61E-05	2.20E-03	2.03E-04	2.62E-03
2734	NG_1430	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.307	7.26E-03	1.52E-02	2.10E-01	1.17E-02	3.94E-06	1.54E-02	2.33E-03	7.27E-04	1.42E-11	3.78E-04	9.98E-07	6.97E-07	1.11E-05	6.88E-06	4.13E-05	6.53E-07	1.49E-05	2.03E-03	1.88E-04	2.42E-03
2735	NG_1431	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.307	6.70E-03	1.41E-02	1.94E-01	1.09E-02	3.63E-06	1.41E-02	2.15E-03	6.72E-04	1.31E-11	3.49E-04	9.22E-07	6.43E-07	1.02E-05	6.35E-06	3.81E-05	6.03E-07	1.38E-05	1.88E-03	1.74E-04	2.24E-03
2736	NG_1432	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.307	6.34E-03	1.33E-02	1.83E-01	1.04E-02	3.44E-06	1.32E-02	2.04E-03	6.36E-04	1.24E-11	3.30E-04	8.73E-07	6.09E-07	9.68E-06	6.02E-06	3.61E-05	5.71E-07	1.30E-05	1.78E-03	1.65E-04	2.12E-03
2737	NG_1433	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.307	6.11E-03	1.28E-02	1.77E-01	1.01E-02	3.31E-06	1.26E-02	1.96E-03	6.13E-04	1.20E-11	3.18E-04	8.40E-07	5.86E-07	9.32E-06	5.79E-06	3.47E-05	5.50E-07	1.26E-05	1.71E-03	1.59E-04	2.04E-03
2738	NG_1434	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.307	5.86E-03	1.23E-02	1.69E-01	9.70E-03	3.18E-06	1.20E-02	1.88E-03	5.87E-04	1.15E-11	3.05E-04	8.06E-07	5.62E-07	8.93E-06	5.56E-06	3.33E-05	5.27E-07	1.20E-05	1.64E-03	1.52E-04	1.96E-03
2739	NG_1435	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.307	5.54E-03	1.16E-02	1.60E-01	9.21E-03	3.01E-06	1.12E-02	1.78E-03	5.56E-04	1.09E-11	2.89E-04	7.63E-07	5.32E-07	8.45E-06	5.26E-06	3.15E-05	4.99E-07	1.14E-05	1.55E-03	1.44E-04	1.85E-03
2740	NG_1436	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.357	5.99E-03	1.26E-02	1.73E-01	1.06E-02	3.25E-06	1.40E-02	1.92E-03	6.00E-04	1.17E-11	3.12E-04	8.26E-07	5.80E-07	9.13E-06	5.69E-06	3.41E-05	5.39E-07	1.23E-05	1.68E-03	1.55E-04	2.00E-03
2741	NG_1437	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.357	6.28E-03	1.32E-02	1.81E-01	1.11E-02	3.41E-06	1.47E-02	2.02E-03	6.29E-04	1.23E-11	3.27E-04	8.67E-07	6.09E-07	9.58E-06	5.96E-06	3.57E-05	5.65E-07	1.29E-05	1.76E-03	1.63E-04	2.10E-03
2742	NG_1438	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.357	6.63E-03	1.39E-02	1.91E-01	1.17E-02	3.60E-06	1.55E-02	2.13E-03	6.65E-04	1.30E-11	3.45E-04	9.16E-07	6.43E-07	1.01E-05	6.30E-06	3.77E-05	5.97E-07	1.36E-05	1.86E-03	1.72E-04	2.22E-03
2743	NG_1439	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.357	7.05E-03	1.48E-02	2.03E-01	1.24E-02	3.83E-06	1.65E-02	2.26E-03	7.06E-04	1.38E-11	3.67E-04	9.73E-07	6.84E-07	1.07E-05	6.69E-06	4.01E-05	6.34E-07	1.45E-05	1.98E-03	1.83E-04	2.35E-03
2744	NG_1440	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.357	7.56E-03	1.59E-02	2.18E-01	1.32E-02	4.11E-06	1.76E-02	2.43E-03	7.58E-04	1.48E-11	3.94E-04	1.04E-06	7.35E-07	1.15E-05	7.18E-06	4.30E-05	6.81E-07	1.55E-05	2.12E-03	1.96E-04	2.53E-03
2745	NG_1441	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.357	8.22E-03	1.73E-02	2.37E-01	1.42E-02	4.47E-06	1.91E-02	2.64E-03	8.24E-04	1.61E-11	4.28E-04	1.14E-06	7.99E-07	1.25E-05	7.81E-06	4.67E-05	7.40E-07	1.69E-05	2.30E-03	2.13E-04	2.75E-03
2746	NG_1442	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.357	9.09E-03	1.91E-02	2.62E-01	1.56E-02	4.94E-06	2.11E-02	2.92E-03	9.12E-04	1.78E-11	4.74E-04	1.26E-06	8.84E-07	1.39E-05	8.64E-06	5.17E-05	8.19E-07	1.87E-05	2.55E-03	2.36E-04	3.04E-03
2747	NG_1443	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.357	1.02E-02	2.14E-02	2.94E-01	1.74E-02	5.54E-06	2.37E-02	3.28E-03	1.02E-03	2.00E-11	5.31E-04	1.41E-06	9.92E-07	1.56E-05	9.69E-06	5.80E-05	9.19E-07	2.09E-05	2.86E-03	2.65E-04	3.41E-03
2748	NG_1444	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.357	1.14E-02	2.39E-02	3.28E-01	1.93E-02	6.17E-06	2.64E-02	3.65E-03	1.14E-03	2.23E-11	5.92E-04	1.57E-06	1.10E-06	1.73E-05	1.08E-05	6.46E-05	1.02E-06	2.33E-05	3.19E-03	2.95E-04	3.80E-03
2749	NG_1445	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.357	1.25E-02	2.63E-02	3.61E-01	2.11E-02	6.80E-06	2.91E-02	4.02E-03	1.25E-03	2.45E-11	6.52E-04	1.73E-06	1.22E-06	1.91E-05	1.19E-05	7.12E-05	1.13E-06	2.57E-05	3.51E-03	3.25E-04	4.18E-03
2750	NG_1446	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.357	1.38E-02	2.90E-02	3.98E-01	2.31E-02	7.51E-06	3.23E-02	4.44E-03	1.39E-03	2.71E-11	7.20E-04	1.91E-06	1.34E-06	2.11E-05	1.31E-05	7.86E-05	1.24E-06	2.84E-05	3.88E-03	3.59E-04	4.62E-03
2751	NG_1447	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.357	1.52E-02	3.20E-02	4.39E-01	2.53E-02	8.27E-06	3.57E-02	4.89E-03	1.53E-03	2.99E-11	7.93E-04	2.10E-06	1.48E-06	2.32E-05	1.45E-05	8.66E-05	1.37E-06	3.13E-05	4.27E-03	3.95E-04	5.09E-03
2752	NG_1448	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.357	1.64E-02	3.45E-02	4.73E-01	2.71E-02	8.92E-06	3.89E-02	5.28E-03	1.65E-03	3.22E-11	8.56E-04	2.27E-06	1.59E-06	2.51E-05	1.56E-05	9.34E-05	1.48E-06	3.37E-05	4.61E-03	4.26E-04	5.49E-03
2753	NG_1449	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.357	1.71E-02	3.60E-02	4.93E-01	2.82E-02	9.30E-06	4.08E-02	5.50E-03	1.72E-03	3.36E-11	8.92E-04	2.36E-06	1.66E-06	2.61E-05	1.63E-05	9.74E-05	1.54E-06	3.52E-05	4.80E-03	4.44E-04	5.72E-03
2754	NG_1450	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.357	1.73E-02	3.63E-02	4.97E-01	2.83E-02	9.38E-06	4.14E-02	5.55E-03	1.73E-03	3.39E-11	9.00E-04	2.38E-06	1.67E-06	2.63E-05	1.64E-05	9.82E-05	1.55E-06	3.55E-05	4.84E-03	4.48E-04	5.77E-03
2755	NG_1451	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.357	1.70E-02	3.57E-02	4.90E-01	2.78E-02	9.23E-06	4.09E-02	5.46E-03	1.70E-03	3.34E-11	8.85E-04	2.34E-06	1.64E-06	2.59E-05	1.61E-05	9.67E-05	1.53E-06	3.49E-05	4.77E-03	4.41E-04	5.68E-03
2756	NG_1452	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.357	1.65E-02	3.47E-02	4.76E-01	2.67E-02	8.96E-06	3.96E-02	5.31E-03	1.66E-03	3.24E-11	8.60E-04	2.27E-06	1.59E-06	2.52E-05	1.57E-05	9.39E-05	1.49E-06	3.39E-05	4.63E-03	4.29E-04	5.52E-03
2757	NG_1453	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.357	1.59E-02	3.34E-02	4.57E-01	2.54E-02	8.62E-06	3.77E-02	5.10E-03	1.59E-03	3.12E-11	8.27E-04	2.19E-06	1.53E-06	2.42E-05	1.51E-05	9.03E-05	1.43E-06	3.26E-05	4.45E-03	4.12E-04	5.31E-03
2758	NG_1454	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.357	1.49E-02	3.13E-02	4.29E-01	2.35E-02	8.08E-06	3.48E-02	4.79E-03	1.49E-03	2.92E-11	7.76E-04	2.05E-06	1.43E-06	2.27E-05	1.41E-05	8.48E-05	1.34E-06	3.06E-05	4.18E-03	3.87E-04	4.98E-03
2759	NG_1455	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.357	1.37E-02	2.88E-02	3.94E-01	2.12E-02	7.43E-06	3.12E-02	4.40E-03	1.37E-03	2.69E-11	7.13E-04	1.88E-06	1.32E-06	2.09E-05	1.30E-05	7.79E-05	1.23E-06	2.81E-05	3.84E-03	3.55E-04	4.58E-03
2760	NG_1456	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.357	1.26E-02	2.65E-02	3.64E-01	1.93E-02	6.85E-06	2.82E-02	4.06E-03	1.27E-03	2.48E-11	6.58E-04	1.74E-06	1.21E-06	1.93E-05	1.20E-05	7.18E-05	1.14E-06	2.59E-05	3.54E-03	3.28E-04	4.22E-03
2761	NG_1457	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.357	1.17E-02	2.46E-02	3.38E-01	1.78E-02	6.36E-06	2.58E-02	3.77E-03	1.18E-03	2.30E-11	6.11E-04	1.61E-06	1.13E-06	1.79E-05	1.11E-05	6.67E-05	1.06E-06	2.41E-05	3.29E-03	3.04E-04	3.92E-03
2762	NG_1458	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.357	1.10E-02	2.30E-02	3.16E-01	1.65E-02	5.95E-06	2.40E-02	3.52E-03	1.10E-03	2.15E-11	5.71E-04	1.51E-06	1.05E-06	1.67E-05	1.04E-05	6.24E-05	9.87E-07	2.25E-05	3.08E-03	2.85E-04	3.66E-03
2763	NG_1459	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.357	1.04E-02	2.18E-02	3.00E-01	1.57E-02	5.64E-06	2.27E-02	3.34E-03	1.04E-03	2.04E-11	5.41E-04	1.43E-06	1.00E-06	1.59E-05	9.86E-06	5.91E-05	9.35E-07	2.14E-05	2.91E-03	2.70E-04	3.47E-03
2764	NG_1460	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.357	1.00E-02	2.11E-02	2.89E-01	1.51E-02	5.44E-06	2.19E-02	3.22E-03	1.01E-03	1.97E-11	5.22E-04	1.38E-06	9.67E-07	1.53E-05	9.52E-06	5.71E-05	9.03E-07	2.06E-05	2.81E-03	2.60E-04	3.35E-03
2765	NG_1461	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.357	9.80E-03	2.06E-02	2.83E-01	1.48E-02	5.32E-06	2.15E-02	3.15E-03	9.83E-04	1.92E-11	5.10E-04	1.35E-06	9.46E-07	1.49E-05	9.30E-06	5.57E-05	8.82E-07	2.01E-05	2.75E-03	2.54E-04	3.27E-03
2766	NG_1462	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.357	9.71E-03	2.04E-02	2.80E-01	1.47E-02	5.27E-06	2.13E-02	3.12E-03	9.74E-04	1.91E-11	5.06E-04	1.34E-06	9.39E-07	1.48E-05	9.22E-06	5.52E-05	8.74E-07	1.99E-05	2.72E-03	2.52E-04	3.25E-03
2767	NG_1463	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.357	9.80E-03	2.06E-02	2.83E-01	1.49E-02	5.32E-06	2.15E-02	3.15E-03	9.82E-04	1.92E-11	5.10E-04	1.35E-06	9.47E-07	1.49E-05	9.30E-06	5.57E-05	8.82E-07	2.01E-05	2.75E-03	2.54E-04	3.27E-03
2768	NG_1464	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.357	9.85E-03	2.07E-02	2.84E-01	1.51E-02	5.35E-06	2.17E-02	3.17E-03	9.88E-04	1.93E-11	5.13E-04	1.36E-06	9.52E-07	1.50E-05	9.35E-06	5.60E-05	8.87E-07	2.02E-05	2.76E-03	2.56E-04	3.29E-03
2769	NG_1465	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.357	9.75E-03	2.05E-02	2.81E-01	1.50E-02	5.29E-06	2.14E-02	3.13E-03	9.78E-04	1.91E-11	5.08E-04	1.34E-06	9.42E-07	1.49E-05	9.26E-06	5.55E-05	8.78E-07	2.00E-05	2.73E-03	2.53E-04	3.26E-03
2770	NG_1466	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.357	9.41E-03	1.98E-02	2.71E-01	1.46E-02	5.11E-06	2.05E-02	3.02E-03	9.43E-04	1.85E-11	4.90E-04	1.30E-06	9.07E-07	1.43E-05	8.93E-06	5.35E-05	8.47E-07	1.93E-05	2.64E-03	2.44E-04	3.14E-03
2771	NG_1467	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.357	8.95E-03	1.88E-02	2.58E-01	1.40E-02	4.86E-06	1.94E-02	2.87E-03	8.97E-04	1.76E-11	4.66E-04	1.23E-06	8.62E-07	1.36E-05	8.49E-06	5.09E-05	8.05E-07	1.84E-05	2.51E-03	2.32E-04	2.99E-03
2772	NG_1468	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.357	8.50E-03	1.78E-02	2.45E-01	1.34E-02	4.61E-06	1.82E-02	2.73E-03	8.52E-04	1.67E-11	4.42E-04	1.17E-06	8.17E-07	1.30E-05	8.06E-06	4.83E-05	7.64E-07	1.75E-05	2.38E-03	2.20E-04	2.84E-03
2773	NG_1469	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.357	8.08E-03	1.70E-02	2.33E-01	1.28E-02	4.38E-06	1.73E-02	2.60E-03	8.10E-04	1.59E-11	4.21E-04	1.11E-06	7.77E-07	1.23E-05	7.67E-06	4.60E-05	7.27E-07	1.66E-05	2.27E-03	2.10E-04	2.70E-03
2774	NG_1470	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.357	7.61E-03	1.60E-02	2.20E-01	1.21E-02	4.13E-06	1.62E-02	2.44E-03	7.63E-04	1.49E-11	3.96E-04	1.05E-06	7.31E-07	1.16E-05	7.21E-06	4.33E-05	6.84E-07	1.56E-05	2.13E-03	1.97E-04	2.54E-03
2775	NG_1471	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.357	7.13E-03	1.50E-02	2.06E-01	1.15E-02	3.87E-06	1.50E-02	2.29E-03	7.15E-04	1.40E-11	3.71E-04	9.81E-07	6.85E-07	1.09E-05	6.76E-06	4.06E-05	6.42E-07	1.47E-05	2.00E-03	1.85E-04	2.38E-03
2776	NG_1472	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.357	6.67E-03	1.40E-02	1.93E-01	1.08E-02	3.62E-06	1.40E-02	2.14E-03	6.69E-04	1.31E-11	3.47E-04	9.18E-07	6.41E-07	1.02E-05	6.33E-06	3.79E-05	6.00E-07	1.37E-05	1.87E-03	1.73E-04	2.23E-03
2777	NG_1473	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.357	6.31E-03	1.33E-02	1.83E-01	1.03E-02	3.42E-06	1.31E-02	2.03E-03	6.33E-04	1.24E-11	3.29E-04	8.68E-07	6.06E-07	9.62E-06	5.99E-06	3.59E-05	5.68E-07	1.30E-05	1.77E-03	1.64E-04	2.11E-03
2778	NG_1474	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.357	6.04E-03	1.27E-02	1.75E-01	9.91E-03	3.27E-06	1.25E-02	1.94E-03	6.05E-04	1.18E-11	3.14E-04	8.30E-07	5.80E-07	9.20E-06	5.72E-06	3.43E-05	5.43E-07	1.24E-05	1.69E-03	1.57E-04	2.02E-03
2779	NG_1475	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.357	5.76E-03	1.21E-02	1.67E-01	9.52E-03	3.13E-06	1.18E-02	1.85E-03	5.78E-04	1.13E-11	3.00E-04	7.93E-07	5.54E-07	8.79E-06	5.47E-06	3.28E-05	5.19E-07	1.18E-05	1.62E-03	1.50E-04	1.93E-03
2780	NG_1476	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.357	5.47E-03	1.15E-02	1.58E-01	9.07E-03	2.97E-06	1.11E-02	1.76E-03	5.48E-04	1.07E-11	2.85E-04	7.53E-07	5.25E-07	8.34E-06	5.19E-06	3.11E-05	4.92E-07	1.12E-05	1.53E-03	1.42E-04	1.83E-03
2781	NG_1477	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.407	5.81E-03	1.22E-02	1.68E-01	1.04E-02	3.15E-06	1.35E-02	1.87E-03	5.82E-04	1.14E-11	3.02E-04	8.01E-07	5.63E-07	8.86E-06	5.51E-06	3.30E-05	5.23E-07	1.19E-05	1.63E-03	1.51E-04	1.94E-03
2782	NG_1478	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.407	6.12E-03	1.29E-02	1.77E-01	1.09E-02	3.33E-06	1.42E-02	1.97E-03	6.14E-04	1.20E-11	3.19E-04	8.45E-07	5.94E-07	9.34E-06	5.81E-06	3.48E-05	5.51E-07	1.26E-05	1.72E-03	1.59E-04	2.05E-03
2783	NG_1479	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.407	6.49E-03	1.36E-02	1.88E-01	1.15E-02	3.53E-06	1.50E-02	2.09E-03	6.51E-04	1.27E-11	3.38E-04	8.96E-07	6.30E-07	9.90E-06	6.17E-06	3.69E-05	5.84E-07	1.33E-05	1.82E-03	1.68E-04	2.17E-03
2784	NG_1480	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.407	6.99E-03	1.47E-02	2.02E-01	1.23E-02	3.80E-06	1.61E-02	2.24E-03	7.00E-04	1.37E-11	3.64E-04	9.65E-07	6.78E-07	1.07E-05	6.64E-06	3.97E-05	6.29E-07	1.43E-05	1.96E-03	1.81E-04	2.33E-03
2785	NG_1481	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.407	7.54E-03	1.59E-02	2.18E-01	1.32E-02	4.10E-06	1.74E-02	2.42E-03	7.56E-04	1.48E-11	3.93E-04	1.04E-06	7.33E-07	1.15E-05	7.17E-06	4.29E-05	6.79E-07	1.55E-05	2.12E-03	1.96E-04	2.52E-03
2786	NG_1482	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.407	8.24E-03	1.73E-02	2.38E-01	1.43E-02	4.48E-06	1.89E-02	2.65E-03	8.26E-04	1.62E-11	4.29E-04	1.14E-06	8.01E-07	1.26E-05	7.83E-06	4.69E-05	7.42E-07	1.69E-05	2.31E-03	2.14E-04	2.75E-03
2787	NG_1483	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.407	9.05E-03	1.90E-02	2.61E-01	1.56E-02	4.92E-06	2.08E-02	2.91E-03	9.07E-04	1.78E-11	4.71E-04	1.25E-06	8.80E-07	1.38E-05	8.60E-06	5.15E-05	8.15E-07	1.86E-05	2.54E-03	2.35E-04	3.02E-03
2788	NG_1484	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.407	1.01E-02	2.12E-02	2.91E-01	1.72E-02	5.47E-06	2.31E-02	3.24E-03	1.01E-03	1.98E-11	5.25E-04	1.39E-06	9.79E-07	1.54E-05	9.57E-06	5.73E-05	9.07E-07	2.07E-05	2.82E-03	2.61E-04	3.37E-03
2789	NG_1485	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.407	1.11E-02	2.34E-02	3.22E-01	1.89E-02	6.06E-06	2.56E-02	3.58E-03	1.12E-03	2.19E-11	5.81E-04	1.54E-06	1.08E-06	1.70E-05	1.06E-05	6.34E-05	1.00E-06	2.29E-05	3.13E-03	2.89E-04	3.73E-03
2790	NG_1486	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.407	1.23E-02	2.59E-02	3.55E-01	2.07E-02	6.69E-06	2.84E-02	3.96E-03	1.24E-03	2.42E-11	6.42E-04	1.70E-06	1.20E-06	1.88E-05	1.17E-05	7.01E-05	1.11E-06	2.53E-05	3.45E-03	3.20E-04	4.12E-03
2791	NG_1487	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.407	1.33E-02	2.80E-02	3.84E-01	2.22E-02	7.24E-06	3.08E-02	4.28E-03	1.34E-03	2.62E-11	6.95E-04	1.84E-06	1.29E-06	2.03E-05	1.27E-05	7.58E-05	1.20E-06	2.74E-05	3.74E-03	3.46E-04	4.46E-03
2792	NG_1488	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.407	1.43E-02	3.01E-02	4.12E-01	2.37E-02	7.77E-06	3.32E-02	4.60E-03	1.43E-03	2.81E-11	7.45E-04	1.98E-06	1.39E-06	2.18E-05	1.36E-05	8.14E-05	1.29E-06	2.94E-05	4.01E-03	3.71E-04	4.78E-03
2793	NG_1489	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.407	1.50E-02	3.16E-02	4.33E-01	2.48E-02	8.16E-06	3.51E-02	4.83E-03	1.51E-03	2.95E-11	7.83E-04	2.07E-06	1.45E-06	2.29E-05	1.43E-05	8.55E-05	1.35E-06	3.09E-05	4.21E-03	3.90E-04	5.02E-03
2794	NG_1490	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.407	1.55E-02	3.25E-02	4.46E-01	2.55E-02	8.39E-06	3.64E-02	4.97E-03	1.55E-03	3.03E-11	8.05E-04	2.13E-06	1.49E-06	2.36E-05	1.47E-05	8.79E-05	1.39E-06	3.18E-05	4.34E-03	4.01E-04	5.17E-03
2795	NG_1491	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.407	1.55E-02	3.25E-02	4.46E-01	2.55E-02	8.41E-06	3.67E-02	4.98E-03	1.55E-03	3.04E-11	8.07E-04	2.13E-06	1.49E-06	2.36E-05	1.47E-05	8.81E-05	1.39E-06	3.18E-05	4.34E-03	4.02E-04	5.18E-03
2796	NG_1492	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.407	1.52E-02	3.19E-02	4.37E-01	2.48E-02	8.23E-06	3.60E-02	4.88E-03	1.52E-03	2.98E-11	7.90E-04	2.09E-06	1.46E-06	2.31E-05	1.44E-05	8.63E-05	1.37E-06	3.12E-05	4.26E-03	3.94E-04	5.07E-03
2797	NG_1493	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.407	1.47E-02	3.09E-02	4.24E-01	2.38E-02	7.98E-06	3.48E-02	4.73E-03	1.48E-03	2.89E-11	7.66E-04	2.02E-06	1.41E-06	2.24E-05	1.40E-05	8.37E-05	1.32E-06	3.02E-05	4.13E-03	3.82E-04	4.92E-03
2798	NG_1494	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.407	1.40E-02	2.95E-02	4.04E-01	2.24E-02	7.61E-06	3.28E-02	4.51E-03	1.41E-03	2.75E-11	7.30E-04	1.93E-06	1.35E-06	2.14E-05	1.33E-05	7.98E-05	1.26E-06	2.88E-05	3.93E-03	3.64E-04	4.69E-03
2799	NG_1495	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.407	1.33E-02	2.80E-02	3.84E-01	2.10E-02	7.22E-06	3.07E-02	4.28E-03	1.34E-03	2.61E-11	6.93E-04	1.83E-06	1.28E-06	2.03E-05	1.26E-05	7.57E-05	1.20E-06	2.74E-05	3.73E-03	3.46E-04	4.45E-03
2800	NG_1496	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.407	1.24E-02	2.61E-02	3.58E-01	1.93E-02	6.75E-06	2.81E-02	4.00E-03	1.25E-03	2.44E-11	6.47E-04	1.71E-06	1.19E-06	1.90E-05	1.18E-05	7.07E-05	1.12E-06	2.55E-05	3.49E-03	3.23E-04	4.16E-03
2801	NG_1497	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.407	1.16E-02	2.43E-02	3.34E-01	1.78E-02	6.29E-06	2.57E-02	3.72E-03	1.16E-03	2.27E-11	6.03E-04	1.59E-06	1.11E-06	1.77E-05	1.10E-05	6.59E-05	1.04E-06	2.38E-05	3.25E-03	3.01E-04	3.87E-03

AQIA DATA - SCENARIO 1 GRID MAX

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							0.124	0.260	3.550	0.199	6.74E-05	0.358	0.040	0.012	2.43E-10	6.46E-03	1.72E-05	1.22E-05	1.89E-04	1.18E-04	7.05E-04	1.12E-05	2.54E-04	0.035	0.003	0.041
Receptor ID of Maximum Offsite Concentration / Deposition Rate							NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837
Coordinates of Maximum Offsite Concentration/ Deposition Rate						X	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464
						Y	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607
2802	NG_1498	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.407	1.08E-02	2.26E-02	3.11E-01	1.64E-02	5.85E-06	2.36E-02	3.46E-03	1.08E-03	2.11E-11	5.61E-04	1.48E-06	1.04E-06	1.64E-05	1.02E-05	6.13E-05	9.70E-07	2.21E-05	3.02E-03	2.80E-04	3.60E-03
2803	NG_1499	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.407	1.01E-02	2.13E-02	2.92E-01	1.53E-02	5.49E-06	2.20E-02	3.25E-03	1.02E-03	1.99E-11	5.27E-04	1.39E-06	9.74E-07	1.54E-05	9.61E-06	5.76E-05	9.11E-07	2.08E-05	2.84E-03	2.63E-04	3.38E-03
2804	NG_1500	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.407	9.56E-03	2.01E-02	2.76E-01	1.44E-02	5.19E-06	2.07E-02	3.07E-03	9.58E-04	1.87E-11	4.98E-04	1.32E-06	9.20E-07	1.46E-05	9.07E-06	5.43E-05	8.60E-07	1.96E-05	2.68E-03	2.48E-04	3.19E-03
2805	NG_1501	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.407	9.15E-03	1.92E-02	2.64E-01	1.38E-02	4.96E-06	1.98E-02	2.94E-03	9.17E-04	1.79E-11	4.76E-04	1.26E-06	8.81E-07	1.39E-05	8.68E-06	5.20E-05	8.23E-07	1.88E-05	2.56E-03	2.37E-04	3.06E-03
2806	NG_1502	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.407	8.94E-03	1.88E-02	2.58E-01	1.35E-02	4.85E-06	1.94E-02	2.87E-03	8.97E-04	1.75E-11	4.66E-04	1.23E-06	8.63E-07	1.36E-05	8.49E-06	5.09E-05	8.05E-07	1.84E-05	2.51E-03	2.32E-04	2.99E-03
2807	NG_1503	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.407	8.86E-03	1.86E-02	2.56E-01	1.34E-02	4.81E-06	1.92E-02	2.85E-03	8.88E-04	1.74E-11	4.61E-04	1.22E-06	8.56E-07	1.35E-05	8.41E-06	5.04E-05	7.97E-07	1.82E-05	2.48E-03	2.30E-04	2.96E-03
2808	NG_1504	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.407	8.90E-03	1.87E-02	2.57E-01	1.35E-02	4.83E-06	1.93E-02	2.86E-03	8.92E-04	1.74E-11	4.63E-04	1.23E-06	8.60E-07	1.36E-05	8.44E-06	5.06E-05	8.01E-07	1.83E-05	2.49E-03	2.31E-04	2.97E-03
2809	NG_1505	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.407	8.91E-03	1.87E-02	2.57E-01	1.36E-02	4.84E-06	1.94E-02	2.86E-03	8.94E-04	1.75E-11	4.64E-04	1.23E-06	8.62E-07	1.36E-05	8.46E-06	5.07E-05	8.02E-07	1.83E-05	2.50E-03	2.31E-04	2.98E-03
2810	NG_1506	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.407	8.87E-03	1.86E-02	2.56E-01	1.36E-02	4.81E-06	1.92E-02	2.85E-03	8.89E-04	1.74E-11	4.62E-04	1.22E-06	8.56E-07	1.35E-05	8.41E-06	5.04E-05	7.98E-07	1.82E-05	2.49E-03	2.30E-04	2.96E-03
2811	NG_1507	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.407	8.72E-03	1.83E-02	2.52E-01	1.35E-02	4.73E-06	1.88E-02	2.80E-03	8.74E-04	1.71E-11	4.54E-04	1.20E-06	8.42E-07	1.33E-05	8.28E-06	4.96E-05	7.85E-07	1.79E-05	2.45E-03	2.26E-04	2.91E-03
2812	NG_1508	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.407	8.52E-03	1.79E-02	2.46E-01	1.33E-02	4.62E-06	1.83E-02	2.74E-03	8.54E-04	1.67E-11	4.44E-04	1.17E-06	8.21E-07	1.30E-05	8.08E-06	4.84E-05	7.67E-07	1.75E-05	2.39E-03	2.21E-04	2.85E-03
2813	NG_1509	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.407	8.19E-03	1.72E-02	2.37E-01	1.28E-02	4.45E-06	1.75E-02	2.63E-03	8.21E-04	1.61E-11	4.27E-04	1.13E-06	7.89E-07	1.25E-05	7.77E-06	4.66E-05	7.37E-07	1.68E-05	2.30E-03	2.13E-04	2.74E-03
2814	NG_1510	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.407	7.78E-03	1.63E-02	2.25E-01	1.23E-02	4.22E-06	1.65E-02	2.50E-03	7.80E-04	1.53E-11	4.05E-04	1.07E-06	7.49E-07	1.19E-05	7.38E-06	4.42E-05	7.00E-07	1.60E-05	2.18E-03	2.02E-04	2.60E-03
2815	NG_1511	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.407	7.41E-03	1.56E-02	2.14E-01	1.18E-02	4.02E-06	1.56E-02	2.38E-03	7.43E-04	1.45E-11	3.86E-04	1.02E-06	7.13E-07	1.13E-05	7.03E-06	4.22E-05	6.67E-07	1.52E-05	2.08E-03	1.92E-04	2.48E-03
2816	NG_1512	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.407	7.07E-03	1.49E-02	2.04E-01	1.13E-02	3.84E-06	1.49E-02	2.27E-03	7.09E-04	1.39E-11	3.68E-04	9.73E-07	6.80E-07	1.08E-05	6.71E-06	4.02E-05	6.36E-07	1.45E-05	1.98E-03	1.84E-04	2.36E-03
2817	NG_1513	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.407	6.75E-03	1.42E-02	1.95E-01	1.09E-02	3.66E-06	1.41E-02	2.17E-03	6.77E-04	1.32E-11	3.52E-04	9.29E-07	6.49E-07	1.03E-05	6.40E-06	3.84E-05	6.07E-07	1.39E-05	1.89E-03	1.75E-04	2.26E-03
2818	NG_1514	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.407	6.40E-03	1.34E-02	1.85E-01	1.04E-02	3.47E-06	1.33E-02	2.06E-03	6.41E-04	1.25E-11	3.33E-04	8.80E-07	6.15E-07	9.75E-06	6.07E-06	3.64E-05	5.76E-07	1.31E-05	1.79E-03	1.66E-04	2.14E-03
2819	NG_1515	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.407	6.07E-03	1.27E-02	1.76E-01	9.93E-03	3.29E-06	1.25E-02	1.95E-03	6.08E-04	1.19E-11	3.16E-04	8.35E-07	5.83E-07	9.25E-06	5.76E-06	3.45E-05	5.46E-07	1.25E-05	1.70E-03	1.57E-04	2.03E-03
2820	NG_1516	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.407	5.74E-03	1.21E-02	1.66E-01	9.44E-03	3.11E-06	1.18E-02	1.84E-03	5.75E-04	1.13E-11	2.99E-04	7.89E-07	5.51E-07	8.75E-06	5.44E-06	3.26E-05	5.16E-07	1.18E-05	1.61E-03	1.49E-04	1.92E-03
2821	NG_1517	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.407	5.48E-03	1.15E-02	1.59E-01	9.06E-03	2.97E-06	1.11E-02	1.76E-03	5.49E-04	1.07E-11	2.85E-04	7.54E-07	5.26E-07	8.35E-06	5.20E-06	3.11E-05	4.93E-07	1.13E-05	1.54E-03	1.42E-04	1.83E-03
2822	NG_1518	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.457	5.67E-03	1.19E-02	1.64E-01	1.02E-02	3.08E-06	1.30E-02	1.82E-03	5.69E-04	1.11E-11	2.96E-04	7.83E-07	5.50E-07	8.65E-06	5.39E-06	3.23E-05	5.11E-07	1.17E-05	1.59E-03	1.47E-04	1.90E-03
2823	NG_1519	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.457	6.01E-03	1.26E-02	1.74E-01	1.07E-02	3.26E-06	1.37E-02	1.93E-03	6.02E-04	1.18E-11	3.13E-04	8.29E-07	5.83E-07	9.16E-06	5.71E-06	3.42E-05	5.41E-07	1.23E-05	1.68E-03	1.56E-04	2.01E-03
2824	NG_1520	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.457	6.39E-03	1.34E-02	1.85E-01	1.13E-02	3.47E-06	1.46E-02	2.05E-03	6.41E-04	1.25E-11	3.33E-04	8.83E-07	6.21E-07	9.75E-06	6.07E-06	3.64E-05	5.76E-07	1.31E-05	1.79E-03	1.66E-04	2.14E-03
2825	NG_1521	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.457	6.91E-03	1.45E-02	2.00E-01	1.21E-02	3.76E-06	1.57E-02	2.22E-03	6.93E-04	1.36E-11	3.60E-04	9.55E-07	6.71E-07	1.05E-05	6.57E-06	3.93E-05	6.22E-07	1.42E-05	1.94E-03	1.79E-04	2.31E-03
2826	NG_1522	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.457	7.53E-03	1.58E-02	2.17E-01	1.31E-02	4.09E-06	1.71E-02	2.42E-03	7.55E-04	1.48E-11	3.92E-04	1.04E-06	7.31E-07	1.15E-05	7.15E-06	4.28E-05	6.78E-07	1.55E-05	2.11E-03	1.95E-04	2.52E-03
2827	NG_1523	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.457	8.19E-03	1.72E-02	2.37E-01	1.42E-02	4.45E-06	1.86E-02	2.63E-03	8.21E-04	1.61E-11	4.27E-04	1.13E-06	7.96E-07	1.25E-05	7.78E-06	4.66E-05	7.38E-07	1.68E-05	2.30E-03	2.13E-04	2.74E-03
2828	NG_1524	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.457	8.96E-03	1.88E-02	2.59E-01	1.54E-02	4.87E-06	2.03E-02	2.88E-03	8.98E-04	1.76E-11	4.66E-04	1.24E-06	8.70E-07	1.37E-05	8.51E-06	5.09E-05	8.06E-07	1.84E-05	2.51E-03	2.32E-04	2.99E-03
2829	NG_1525	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.457	9.94E-03	2.09E-02	2.87E-01	1.69E-02	5.40E-06	2.26E-02	3.19E-03	9.97E-04	1.95E-11	5.18E-04	1.37E-06	9.66E-07	1.52E-05	9.44E-06	5.65E-05	8.95E-07	2.04E-05	2.79E-03	2.58E-04	3.32E-03
2830	NG_1526	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.457	1.10E-02	2.31E-02	3.18E-01	1.86E-02	5.98E-06	2.51E-02	3.54E-03	1.10E-03	2.16E-11	5.74E-04	1.52E-06	1.07E-06	1.68E-05	1.05E-05	6.26E-05	9.92E-07	2.26E-05	3.09E-03	2.86E-04	3.68E-03
2831	NG_1527	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.457	1.20E-02	2.53E-02	3.47E-01	2.02E-02	6.53E-06	2.74E-02	3.86E-03	1.21E-03	2.36E-11	6.26E-04	1.66E-06	1.17E-06	1.83E-05	1.14E-05	6.84E-05	1.08E-06	2.47E-05	3.37E-03	3.12E-04	4.02E-03
2832	NG_1528	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.457	1.29E-02	2.70E-02	3.71E-01	2.14E-02	6.98E-06	2.94E-02	4.13E-03	1.29E-03	2.52E-11	6.70E-04	1.78E-06	1.25E-06	1.96E-05	1.22E-05	7.31E-05	1.16E-06	2.64E-05	3.61E-03	3.34E-04	4.30E-03
2833	NG_1529	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.457	1.35E-02	2.84E-02	3.91E-01	2.25E-02	7.35E-06	3.11E-02	4.35E-03	1.36E-03	2.66E-11	7.05E-04	1.87E-06	1.31E-06	2.07E-05	1.29E-05	7.70E-05	1.22E-06	2.78E-05	3.80E-03	3.51E-04	4.53E-03
2834	NG_1530	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.457	1.40E-02	2.94E-02	4.03E-01	2.31E-02	7.59E-06	3.23E-02	4.49E-03	1.40E-03	2.74E-11	7.28E-04	1.93E-06	1.35E-06	2.13E-05	1.33E-05	7.95E-05	1.26E-06	2.87E-05	3.92E-03	3.63E-04	4.67E-03
2835	NG_1531	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.457	1.42E-02	2.98E-02	4.08E-01	2.34E-02	7.69E-06	3.30E-02	4.55E-03	1.42E-03	2.78E-11	7.38E-04	1.95E-06	1.37E-06	2.16E-05	1.34E-05	8.06E-05	1.27E-06	2.91E-05	3.97E-03	3.68E-04	4.73E-03
2836	NG_1532	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.457	1.41E-02	2.97E-02	4.07E-01	2.32E-02	7.66E-06	3.30E-02	4.54E-03	1.42E-03	2.77E-11	7.35E-04	1.94E-06	1.36E-06	2.15E-05	1.34E-05	8.03E-05	1.27E-06	2.90E-05	3.96E-03	3.66E-04	4.72E-03
2837	NG_1533	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.457	1.37E-02	2.89E-02	3.96E-01	2.25E-02	7.46E-06	3.22E-02	4.42E-03	1.38E-03	2.70E-11	7.16E-04	1.89E-06	1.32E-06	2.10E-05	1.30E-05	7.82E-05	1.24E-06	2.82E-05	3.86E-03	3.57E-04	4.59E-03
2838	NG_1534	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.457	1.32E-02	2.78E-02	3.81E-01	2.14E-02	7.17E-06	3.08E-02	4.25E-03	1.33E-03	2.59E-11	6.89E-04	1.82E-06	1.27E-06	2.02E-05	1.25E-05	7.52E-05	1.19E-06	2.72E-05	3.71E-03	3.43E-04	4.42E-03
2839	NG_1535	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.457	1.27E-02	2.66E-02	3.66E-01	2.03E-02	6.88E-06	2.92E-02	4.07E-03	1.27E-03	2.49E-11	6.60E-04	1.74E-06	1.22E-06	1.93E-05	1.20E-05	7.21E-05	1.14E-06	2.61E-05	3.56E-03	3.29E-04	4.24E-03
2840	NG_1536	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.457	1.21E-02	2.54E-02	3.48E-01	1.91E-02	6.55E-06	2.74E-02	3.88E-03	1.21E-03	2.37E-11	6.28E-04	1.66E-06	1.16E-06	1.84E-05	1.14E-05	6.86E-05	1.09E-06	2.48E-05	3.38E-03	3.13E-04	4.03E-03
2841	NG_1537	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.457	1.14E-02	2.39E-02	3.28E-01	1.77E-02	6.16E-06	2.54E-02	3.65E-03	1.14E-03	2.23E-11	5.92E-04	1.56E-06	1.09E-06	1.73E-05	1.08E-05	6.46E-05	1.02E-06	2.33E-05	3.19E-03	2.95E-04	3.80E-03
2842	NG_1538	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.457	1.06E-02	2.23E-02	3.06E-01	1.64E-02	5.76E-06	2.34E-02	3.41E-03	1.07E-03	2.08E-11	5.53E-04	1.46E-06	1.02E-06	1.62E-05	1.01E-05	6.04E-05	9.56E-07	2.18E-05	2.98E-03	2.76E-04	3.55E-03
2843	NG_1539	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.457	9.95E-03	2.09E-02	2.87E-01	1.52E-02	5.40E-06	2.17E-02	3.20E-03	9.98E-04	1.95E-11	5.18E-04	1.37E-06	9.57E-07	1.52E-05	9.44E-06	5.66E-05	8.96E-07	2.04E-05	2.79E-03	2.58E-04	3.33E-03
2844	NG_1540	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.457	9.37E-03	1.97E-02	2.70E-01	1.42E-02	5.09E-06	2.02E-02	3.01E-03	9.40E-04	1.84E-11	4.88E-04	1.29E-06	9.01E-07	1.43E-05	8.89E-06	5.33E-05	8.44E-07	1.93E-05	2.63E-03	2.43E-04	3.13E-03
2845	NG_1541	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.457	8.86E-03	1.86E-02	2.56E-01	1.34E-02	4.81E-06	1.91E-02	2.85E-03	8.89E-04	1.74E-11	4.62E-04	1.22E-06	8.53E-07	1.35E-05	8.41E-06	5.04E-05	7.98E-07	1.82E-05	2.49E-03	2.30E-04	2.96E-03
2846	NG_1542	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.457	8.45E-03	1.77E-02	2.44E-01	1.28E-02	4.58E-06	1.81E-02	2.71E-03	8.47E-04	1.66E-11	4.40E-04	1.16E-06	8.14E-07	1.29E-05	8.01E-06	4.80E-05	7.60E-07	1.74E-05	2.37E-03	2.19E-04	2.82E-03
2847	NG_1543	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.457	8.21E-03	1.72E-02	2.37E-01	1.24E-02	4.45E-06	1.76E-02	2.64E-03	8.23E-04	1.61E-11	4.27E-04	1.13E-06	7.91E-07	1.25E-05	7.79E-06	4.67E-05	7.39E-07	1.69E-05	2.30E-03	2.13E-04	2.74E-03
2848	NG_1544	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.457	8.14E-03	1.71E-02	2.35E-01	1.24E-02	4.42E-06	1.75E-02	2.62E-03	8.16E-04	1.60E-11	4.24E-04	1.12E-06	7.86E-07	1.24E-05	7.73E-06	4.63E-05	7.33E-07	1.67E-05	2.28E-03	2.11E-04	2.72E-03
2849	NG_1545	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.457	8.13E-03	1.71E-02	2.35E-01	1.24E-02	4.41E-06	1.75E-02	2.61E-03	8.15E-04	1.59E-11	4.23E-04	1.12E-06	7.86E-07	1.24E-05	7.72E-06	4.62E-05	7.32E-07	1.67E-05	2.28E-03	2.11E-04	2.72E-03
2850	NG_1546	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.457	8.11E-03	1.70E-02	2.34E-01	1.24E-02	4.41E-06	1.74E-02	2.61E-03	8.14E-04	1.59E-11	4.23E-04	1.12E-06	7.85E-07	1.24E-05	7.70E-06	4.61E-05	7.30E-07	1.67E-05	2.28E-03	2.11E-04	2.71E-03
2851	NG_1547	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.457	8.08E-03	1.70E-02	2.33E-01	1.24E-02	4.39E-06	1.73E-02	2.60E-03	8.10E-04	1.58E-11	4.21E-04	1.11E-06	7.81E-07	1.23E-05	7.67E-06	4.59E-05	7.27E-07	1.66E-05	2.27E-03	2.10E-04	2.70E-03
2852	NG_1548	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.457	8.08E-03	1.70E-02	2.33E-01	1.25E-02	4.39E-06	1.72E-02	2.60E-03	8.10E-04	1.59E-11	4.21E-04	1.11E-06	7.81E-07	1.23E-05	7.67E-06	4.60E-05	7.27E-07	1.66E-05	2.27E-03	2.10E-04	2.70E-03
2853	NG_1549	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.457	8.02E-03	1.69E-02	2.32E-01	1.25E-02	4.35E-06	1.71E-02	2.58E-03	8.04E-04	1.57E-11	4.18E-04	1.11E-06	7.74E-07	1.22E-05	7.61E-06	4.56E-05	7.22E-07	1.65E-05	2.25E-03	2.08E-04	2.68E-03
2854	NG_1550	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.457	7.86E-03	1.65E-02	2.27E-01	1.23E-02	4.26E-06	1.67E-02	2.52E-03	7.88E-04	1.54E-11	4.09E-04	1.08E-06	7.57E-07	1.20E-05	7.46E-06	4.47E-05	7.07E-07	1.61E-05	2.20E-03	2.04E-04	2.63E-03
2855	NG_1551	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.457	7.55E-03	1.59E-02	2.18E-01	1.19E-02	4.10E-06	1.59E-02	2.43E-03	7.57E-04	1.48E-11	3.93E-04	1.04E-06	7.27E-07	1.15E-05	7.16E-06	4.29E-05	6.80E-07	1.55E-05	2.12E-03	1.96E-04	2.52E-03
2856	NG_1552	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.457	7.24E-03	1.52E-02	2.09E-01	1.15E-02	3.93E-06	1.52E-02	2.33E-03	7.26E-04	1.42E-11	3.77E-04	9.97E-07	6.97E-07	1.10E-05	6.87E-06	4.12E-05	6.52E-07	1.49E-05	2.03E-03	1.88E-04	2.42E-03
2857	NG_1553	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.457	7.00E-03	1.47E-02	2.02E-01	1.12E-02	3.80E-06	1.46E-02	2.25E-03	7.02E-04	1.37E-11	3.64E-04	9.64E-07	6.74E-07	1.07E-05	6.64E-06	3.98E-05	6.30E-07	1.44E-05	1.96E-03	1.82E-04	2.34E-03
2858	NG_1554	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.457	6.76E-03	1.42E-02	1.95E-01	1.09E-02	3.67E-06	1.41E-02	2.17E-03	6.77E-04	1.33E-11	3.52E-04	9.30E-07	6.50E-07	1.03E-05	6.41E-06	3.84E-05	6.08E-07	1.39E-05	1.89E-03	1.75E-04	2.26E-03
2859	NG_1555	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.457	6.48E-03	1.36E-02	1.87E-01	1.05E-02	3.51E-06	1.35E-02	2.08E-03	6.49E-04	1.27E-11	3.37E-04	8.92E-07	6.23E-07	9.88E-06	6.14E-06	3.68E-05	5.83E-07	1.33E-05	1.82E-03	1.68E-04	2.16E-03
2860	NG_1556	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.457	6.10E-03	1.28E-02	1.77E-01	9.94E-03	3.31E-06	1.26E-02	1.96E-03	6.12E-04	1.20E-11	3.18E-04	8.40E-07	5.87E-07	9.30E-06	5.79E-06	3.47E-05	5.49E-07	1.25E-05	1.71E-03	1.58E-04	2.04E-03
2861	NG_1557	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.457	5.75E-03	1.21E-02	1.66E-01	9.42E-03	3.12E-06	1.18E-02	1.85E-03	5.76E-04	1.13E-11	2.99E-04	7.91E-07	5.53E-07	8.77E-06	5.45E-06	3.27E-05	5.17E-07	1.18E-05	1.61E-03	1.49E-04	1.92E-03
2862	NG_1558	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.457	5.45E-03	1.15E-02	1.58E-01	8.99E-03	2.96E-06	1.11E-02	1.75E-03	5.47E-04	1.07E-11	2.84E-04	7.51E-07	5.24E-07	8.32E-06	5.17E-06	3.10E-05	4.91E-07	1.12E-05	1.53E-03	1.42E-04	1.82E-03
2863	NG_1559	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.507	5.56E-03	1.17E-02	1.61E-01	9.96E-03	3.02E-06	1.26E-02	1.79E-03	5.58E-04	1.09E-11	2.90E-04	7.68E-07	5.39E-07	8.48E-06	5.28E-06	3.16E-05	5.01E-07	1.14E-05	1.56E-03	1.44E-04	1.86E-03
2864	NG_1560	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.507	5.91E-03	1.24E-02	1.71E-01	1.05E-02	3.21E-06	1.33E-02	1.90E-03	5.93E-04	1.16E-11	3.08E-04	8.17E-07	5.74E-07	9.02E-06	5.62E-06	3.36E-05	5.33E-07	1.21E-05	1.66E-03	1.53E-04	1.98E-03
2865	NG_1561	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.507	6.32E-03	1.33E-02	1.83E-01	1.12E-02	3.43E-06	1.42E-02	2.03E-03	6.34E-04	1.24E-11	3.29E-04	8.73E-07	6.14E-07	9.64E-06	6.00E-06	3.59E-05	5.69E-07	1.30E-05	1.77E-03	1.64E-04	2.11E-03
2866	NG_1562	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.507	6.84E-03	1.44E-02	1.98E-01	1.20E-02	3.72E-06	1.53E-02	2.20E-03	6.86E-04	1.34E-11	3.56E-04	9.45E-07	6.64E-07	1.04E-05	6.50E-06	3.89E-05	6.16E-07	1.40E-05	1.92E-03	1.77E-04	2.29E-03
2867	NG_1563	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.507	7.48E-03	1.57E-02	2.16E-01	1.30E-02	4.07E-06	1.68E-02	2.40E-03	7.50E-04	1.47E-11	3.90E-04	1.03E-06	7.27E-07	1.14E-05	7.11E-06	4.26E-05	6.74E-07	1.54E-05	2.10E-03	1.94E-04	2.50E-03
2868	NG_1564	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.507	8.10E-03	1.70E-02	2.34E-01	1.40E-02	4.40E-06	1.81E-02	2.60E-03	8.12E-04	1.59E-11	4.22E-04	1.12E-06	7.87E-07	1.24E-05	7.69E-06	4.61E-05	7.29E-07	1.66E-05	2.27E-03	2.10E-04	2.71E-03
2869	NG_1565	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.507	8.83E-03	1.86E-02	2.55E-01	1.51E-02	4.80E-06	1.98E-02	2.84E-03	8.85E-04	1.73E-11	4.60E-04	1.22E-06	8.58E-07	1.35E-05	8.39E-06	5.02E-05	7.95E-07	1.81E-05	2.48E-03	2.29E-04	2.95E-03
2870	NG_1566	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.507	9.80E-03	2.06E-02	2.83E-01	1.67E-02	5.33E-06	2.20E-02	3.15E-03	9.83E-04	1.92E-11	5.11E-04	1.35E-06	9.52E-07	1.50E-05	9.31E-06	5.58E-05	8.83E-07	2.01E-05	2.75E-03	2.54E-04	3.28E-03
2871	NG_1567	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.507	1.08E-02	2.27E-02	3.12E-01	1.82E-02	5.87E-06	2.43E-02	3.47E-03	1.08E-03	2.12E-11	5.63E-04	1.49E-06	1.05E-06	1.65E-05	1.03E-05	6.14E-05	9.73E-07	2.22E-05	3.03E-03	2.80E-04	3.61E-03
2872	NG_1568	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.507	1.16E-02	2.44E-02	3.35E-01	1.95E-02	6.31E-06	2.62E-02	3.73E-03	1.16E-03	2.28E-11	6.05E-04	1.60E-06	1.13E-06	1.77E-05	1.10E-05	6.60E-05	1.05E-06	2.38E-05	3.25E-03	3.01E-04	3.88E-03
2873	NG_1569	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.507	1.22E-02	2.57E-02	3.53E-01	2.04E-02	6.65E-06	2.77E-02	3.93E-03	1.23E-03	2.40E-11	6.37E-04	1.69E-06	1.19E-06	1.87E-05	1.16E-05	6.96E-05	1.10E-06	2.51E-05	3.43E-03	3.18E-04	4.09E-03
2874	NG_1570	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.507	1.28E-02	2.69E-02	3.69E-01	2.13E-02	6.95E-06	2.92E-02	4.11E-03	1.28E-03	2.51E-11	6.67E-04	1.77E-06	1.24E-06	1.95E-05	1.22E-05	7.28E-05	1.15E-06	2.63E-05	3.59E-03	3.32E-04	4.28E-03
2875	NG_1571	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.507	1.31E-02	2.75E-02	3.77E-01	2.17E-02	7.10E-06	3.00E-02	4.20E-03	1.31E-03	2.57E-11	6.81E-04	1.80E-06	1.26E-06	2.00E-05	1.24E-05	7.44E-05	1.18E-06	2.69E-05	3.67E-03	3.39E-04	4.37E-03
2876	NG_1572	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.507	1.32E-02	2.76E-02	3.80E-01	2.17E-02	7.14E-06	3.04E-02	4.23E-03	1.32E-03	2.58E-11	6.85E-04	1.81E-06	1.27E-06	2.01E-05	1.25E-05	7.48E-05	1.18E-06	2.70E-05	3.69E-03	3.41E-04	4.40E-03
2877	NG_1573	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.507	1.30E-02	2.73E-02	3.74E-01	2.14E-02	7.04E-06	3.01E-02	4.17E-03	1.30E-03	2.55E-11	6.76E-04	1.79E-06	1.25E-06	1.98E-05	1.23E-05	7.38E-05	1.17E-06	2.67E-05	3.64E-03	3.37E-04	4.34E-03
2878	NG_1574	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.507	1.26E-02	2.64E-02	3.62E-01	2.06E-02	6.82E-06	2.91E-02	4.04E-03	1.26E-03	2.46E-11	6.54E-04	1.73E-06	1.21E-06	1.92E-05	1.19E-05	7.15E-05	1.13E-06	2.58E-05	3.52E-03	3.26E-04	4.20E-03
2879	NG_1575	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.507	1.21E-02	2.54E-02	3.49E-01	1.96E-02	6.56E-06	2.78E-02	3.89E-03	1.21E-03	2.37E-11	6.30E-04	1.66E-06	1.16E-06	1.84E-05	1.15E-05	6.88E-05	1.09E-06	2.48E-05	3.39E-03	3.14E-04	4.04E-03
2880	NG_1576	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.507	1.17E-02	2.45E-02	3.36E-01	1.87E-02	6.32E-06	2.66E-02	3.75E-03	1.17E-03	2.29E-11	6.07E-04	1.60E-06	1.12E-06	1.78E-05	1.11E-05	6.63E-05	1.05E-06	2.40E-05	3.27E-03	3.03E-04	3.90E-03
2881	NG_1577	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.507	1.11E-02	2.34E-02	3.21E-01	1.76E-02	6.04E-06	2.51E-02	3.58E-03	1.12E-03	2.18E-11	5.80E-04	1.53E-06	1.07E-06	1.70E-05	1.06E-05	6.33E-05	1.00E-06	2.29E-05	3.12E-03	2.89E-04	3.72E-03
2882	NG_1578	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.507	1.04E-02	2.19E-02	3.01E-01	1.63E-02	5.66E-06	2.31E-02	3.35E-03	1.05E-03	2.05E-11	5.43E-04	1.43E-06	1.00E-06	1.59E-05	9.89E-06	5.93E-05	9.38E-07	2.14E-05	2.92E-03	2.71E-04	3.48E-03
2883	NG_1579	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.507	9.80E-03	2.06E-02	2.83E-01	1.51E-02	5.32E-06	2.14E-02	3.15E-03	9.83E-04	1.92E-11	5.10E-04	1.35E-06	9.41E-07	1.49E-05	9.30E-06	5.57E-05	8.82E-07	2.01E-05	2.75E-03	2.54E-04	3.27E-03
2884	NG_1580	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.507	9.24E-03	1.94E-02	2.67E-01	1.42E-02	5.01E-06	2.00E-02	2.97E-03	9.26E-04	1.81E-11	4.81E-04	1.27E-06	8.88E-07	1.41E-05	8.76E-06	5.25E-05	8.31E-07	1.90E-05	2.59E-03	2.40E-04	3.09E-03

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 1 GRID MAX

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.124**	**0.260**	**3.550**	**0.199**	**6.74E-05**	**0.358**	**0.040**	**0.012**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**0.035**	**0.003**	**0.041**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2885	NG_1581	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.507	8.73E-03	1.83E-02	2.52E-01	1.33E-02	4.74E-06	1.87E-02	2.81E-03	8.76E-04	1.71E-11	4.55E-04	1.20E-06	8.39E-07	1.33E-05	8.28E-06	4.97E-05	7.86E-07	1.79E-05	2.45E-03	2.27E-04	2.92E-03
2886	NG_1582	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.507	8.29E-03	1.74E-02	2.39E-01	1.26E-02	4.50E-06	1.77E-02	2.66E-03	8.31E-04	1.63E-11	4.32E-04	1.14E-06	7.97E-07	1.26E-05	7.86E-06	4.71E-05	7.46E-07	1.70E-05	2.32E-03	2.15E-04	2.77E-03
2887	NG_1583	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.507	7.88E-03	1.66E-02	2.28E-01	1.20E-02	4.28E-06	1.68E-02	2.53E-03	7.90E-04	1.55E-11	4.10E-04	1.09E-06	7.59E-07	1.20E-05	7.48E-06	4.48E-05	7.09E-07	1.62E-05	2.21E-03	2.05E-04	2.63E-03
2888	NG_1584	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.507	7.62E-03	1.60E-02	2.20E-01	1.16E-02	4.13E-06	1.62E-02	2.45E-03	7.64E-04	1.49E-11	3.97E-04	1.05E-06	7.34E-07	1.16E-05	7.23E-06	4.33E-05	6.85E-07	1.56E-05	2.14E-03	1.98E-04	2.55E-03
2889	NG_1585	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.507	7.52E-03	1.58E-02	2.17E-01	1.14E-02	4.08E-06	1.60E-02	2.41E-03	7.54E-04	1.47E-11	3.91E-04	1.04E-06	7.26E-07	1.15E-05	7.13E-06	4.27E-05	6.76E-07	1.54E-05	2.11E-03	1.95E-04	2.51E-03
2890	NG_1586	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.507	7.51E-03	1.58E-02	2.17E-01	1.14E-02	4.08E-06	1.60E-02	2.41E-03	7.53E-04	1.47E-11	3.91E-04	1.04E-06	7.26E-07	1.14E-05	7.13E-06	4.27E-05	6.76E-07	1.54E-05	2.10E-03	1.95E-04	2.51E-03
2891	NG_1587	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.507	7.48E-03	1.57E-02	2.16E-01	1.14E-02	4.06E-06	1.59E-02	2.40E-03	7.50E-04	1.47E-11	3.90E-04	1.03E-06	7.24E-07	1.14E-05	7.10E-06	4.25E-05	6.73E-07	1.54E-05	2.10E-03	1.94E-04	2.50E-03
2892	NG_1588	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.507	7.48E-03	1.57E-02	2.16E-01	1.15E-02	4.06E-06	1.58E-02	2.40E-03	7.49E-04	1.47E-11	3.89E-04	1.03E-06	7.23E-07	1.14E-05	7.10E-06	4.25E-05	6.73E-07	1.54E-05	2.10E-03	1.94E-04	2.50E-03
2893	NG_1589	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.507	7.54E-03	1.58E-02	2.18E-01	1.16E-02	4.09E-06	1.59E-02	2.42E-03	7.56E-04	1.48E-11	3.92E-04	1.04E-06	7.29E-07	1.15E-05	7.15E-06	4.29E-05	6.78E-07	1.55E-05	2.11E-03	1.96E-04	2.52E-03
2894	NG_1590	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.507	7.55E-03	1.59E-02	2.18E-01	1.17E-02	4.10E-06	1.59E-02	2.43E-03	7.57E-04	1.48E-11	3.93E-04	1.04E-06	7.29E-07	1.15E-05	7.17E-06	4.29E-05	6.80E-07	1.55E-05	2.12E-03	1.96E-04	2.52E-03
2895	NG_1591	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.507	7.51E-03	1.58E-02	2.17E-01	1.17E-02	4.08E-06	1.58E-02	2.41E-03	7.53E-04	1.47E-11	3.91E-04	1.04E-06	7.25E-07	1.15E-05	7.13E-06	4.27E-05	6.76E-07	1.54E-05	2.11E-03	1.95E-04	2.51E-03
2896	NG_1592	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.507	7.31E-03	1.54E-02	2.11E-01	1.15E-02	3.97E-06	1.53E-02	2.35E-03	7.33E-04	1.43E-11	3.81E-04	1.01E-06	7.04E-07	1.11E-05	6.93E-06	4.16E-05	6.58E-07	1.50E-05	2.05E-03	1.90E-04	2.44E-03
2897	NG_1593	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.507	7.07E-03	1.49E-02	2.05E-01	1.12E-02	3.84E-06	1.47E-02	2.27E-03	7.09E-04	1.39E-11	3.68E-04	9.74E-07	6.81E-07	1.08E-05	6.71E-06	4.02E-05	6.36E-07	1.45E-05	1.98E-03	1.83E-04	2.36E-03
2898	NG_1594	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.507	6.84E-03	1.44E-02	1.98E-01	1.09E-02	3.71E-06	1.42E-02	2.20E-03	6.86E-04	1.34E-11	3.56E-04	9.42E-07	6.58E-07	1.04E-05	6.49E-06	3.89E-05	6.15E-07	1.40E-05	1.92E-03	1.77E-04	2.28E-03
2899	NG_1595	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.507	6.64E-03	1.39E-02	1.92E-01	1.06E-02	3.60E-06	1.38E-02	2.13E-03	6.65E-04	1.30E-11	3.46E-04	9.14E-07	6.39E-07	1.01E-05	6.30E-06	3.77E-05	5.97E-07	1.36E-05	1.86E-03	1.72E-04	2.22E-03
2900	NG_1596	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.507	6.39E-03	1.34E-02	1.85E-01	1.03E-02	3.47E-06	1.32E-02	2.05E-03	6.40E-04	1.25E-11	3.33E-04	8.79E-07	6.15E-07	9.74E-06	6.06E-06	3.63E-05	5.75E-07	1.31E-05	1.79E-03	1.66E-04	2.13E-03
2901	NG_1597	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.507	6.07E-03	1.28E-02	1.76E-01	9.85E-03	3.29E-06	1.25E-02	1.95E-03	6.09E-04	1.19E-11	3.16E-04	8.36E-07	5.84E-07	9.26E-06	5.76E-06	3.45E-05	5.46E-07	1.25E-05	1.70E-03	1.58E-04	2.03E-03
2902	NG_1598	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.507	5.73E-03	1.20E-02	1.66E-01	9.35E-03	3.11E-06	1.17E-02	1.84E-03	5.75E-04	1.12E-11	2.98E-04	7.89E-07	5.52E-07	8.74E-06	5.44E-06	3.26E-05	5.16E-07	1.18E-05	1.61E-03	1.49E-04	1.91E-03
2903	NG_1599	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.507	5.39E-03	1.13E-02	1.56E-01	8.85E-03	2.93E-06	1.09E-02	1.73E-03	5.41E-04	1.06E-11	2.81E-04	7.43E-07	5.19E-07	8.23E-06	5.12E-06	3.07E-05	4.85E-07	1.11E-05	1.51E-03	1.40E-04	1.80E-03
2904	NG_1600	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.557	5.43E-03	1.14E-02	1.57E-01	9.69E-03	2.95E-06	1.21E-02	1.74E-03	5.44E-04	1.06E-11	2.83E-04	7.50E-07	5.27E-07	8.28E-06	5.16E-06	3.09E-05	4.89E-07	1.11E-05	1.52E-03	1.41E-04	1.81E-03
2905	NG_1601	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.557	5.82E-03	1.22E-02	1.68E-01	1.03E-02	3.16E-06	1.29E-02	1.87E-03	5.83E-04	1.14E-11	3.03E-04	8.03E-07	5.65E-07	8.87E-06	5.52E-06	3.31E-05	5.24E-07	1.19E-05	1.63E-03	1.51E-04	1.94E-03
2906	NG_1602	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.557	6.24E-03	1.31E-02	1.80E-01	1.10E-02	3.39E-06	1.38E-02	2.00E-03	6.25E-04	1.22E-11	3.25E-04	8.61E-07	6.06E-07	9.51E-06	5.92E-06	3.55E-05	5.62E-07	1.28E-05	1.75E-03	1.62E-04	2.08E-03
2907	NG_1603	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.557	6.75E-03	1.42E-02	1.95E-01	1.18E-02	3.67E-06	1.49E-02	2.17E-03	6.77E-04	1.32E-11	3.52E-04	9.33E-07	6.56E-07	1.03E-05	6.42E-06	3.84E-05	6.08E-07	1.39E-05	1.89E-03	1.75E-04	2.26E-03
2908	NG_1604	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.557	7.38E-03	1.55E-02	2.13E-01	1.28E-02	4.01E-06	1.63E-02	2.37E-03	7.40E-04	1.45E-11	3.84E-04	1.02E-06	7.17E-07	1.13E-05	7.01E-06	4.20E-05	6.65E-07	1.52E-05	2.07E-03	1.92E-04	2.47E-03
2909	NG_1605	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.557	8.04E-03	1.69E-02	2.32E-01	1.38E-02	4.37E-06	1.78E-02	2.58E-03	8.06E-04	1.58E-11	4.19E-04	1.11E-06	7.81E-07	1.23E-05	7.63E-06	4.57E-05	7.24E-07	1.65E-05	2.25E-03	2.09E-04	2.69E-03
2910	NG_1606	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.557	8.73E-03	1.83E-02	2.52E-01	1.49E-02	4.74E-06	1.93E-02	2.80E-03	8.75E-04	1.71E-11	4.54E-04	1.21E-06	8.47E-07	1.33E-05	8.29E-06	4.96E-05	7.86E-07	1.79E-05	2.45E-03	2.26E-04	2.92E-03
2911	NG_1607	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.557	9.57E-03	2.01E-02	2.76E-01	1.62E-02	5.20E-06	2.12E-02	3.07E-03	9.59E-04	1.88E-11	4.98E-04	1.32E-06	9.29E-07	1.46E-05	9.09E-06	5.44E-05	8.61E-07	1.96E-05	2.68E-03	2.48E-04	3.20E-03
2912	NG_1608	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.557	1.04E-02	2.18E-02	3.00E-01	1.75E-02	5.65E-06	2.31E-02	3.34E-03	1.04E-03	2.04E-11	5.41E-04	1.44E-06	1.01E-06	1.59E-05	9.87E-06	5.91E-05	9.36E-07	2.13E-05	2.91E-03	2.70E-04	3.47E-03
2913	NG_1609	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.557	1.11E-02	2.33E-02	3.20E-01	1.86E-02	6.03E-06	2.48E-02	3.57E-03	1.11E-03	2.18E-11	5.78E-04	1.53E-06	1.08E-06	1.69E-05	1.05E-05	6.31E-05	9.99E-07	2.28E-05	3.11E-03	2.88E-04	3.71E-03
2914	NG_1610	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.557	1.16E-02	2.44E-02	3.35E-01	1.94E-02	6.30E-06	2.61E-02	3.73E-03	1.16E-03	2.28E-11	6.05E-04	1.60E-06	1.12E-06	1.77E-05	1.10E-05	6.60E-05	1.05E-06	2.38E-05	3.26E-03	3.01E-04	3.88E-03
2915	NG_1611	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.557	1.20E-02	2.53E-02	3.47E-01	2.00E-02	6.53E-06	2.72E-02	3.86E-03	1.21E-03	2.36E-11	6.26E-04	1.66E-06	1.16E-06	1.83E-05	1.14E-05	6.84E-05	1.08E-06	2.47E-05	3.37E-03	3.12E-04	4.02E-03
2916	NG_1612	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.557	1.22E-02	2.55E-02	3.51E-01	2.02E-02	6.60E-06	2.76E-02	3.91E-03	1.22E-03	2.39E-11	6.33E-04	1.68E-06	1.17E-06	1.85E-05	1.15E-05	6.92E-05	1.09E-06	2.50E-05	3.41E-03	3.16E-04	4.06E-03
2917	NG_1613	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.557	1.22E-02	2.55E-02	3.51E-01	2.01E-02	6.59E-06	2.78E-02	3.90E-03	1.22E-03	2.38E-11	6.33E-04	1.67E-06	1.17E-06	1.85E-05	1.15E-05	6.91E-05	1.09E-06	2.50E-05	3.41E-03	3.15E-04	4.06E-03
2918	NG_1614	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.557	1.20E-02	2.51E-02	3.45E-01	1.97E-02	6.49E-06	2.74E-02	3.84E-03	1.20E-03	2.35E-11	6.23E-04	1.65E-06	1.15E-06	1.82E-05	1.13E-05	6.80E-05	1.08E-06	2.46E-05	3.35E-03	3.10E-04	4.00E-03
2919	NG_1615	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.557	1.16E-02	2.43E-02	3.34E-01	1.90E-02	6.28E-06	2.65E-02	3.72E-03	1.16E-03	2.27E-11	6.03E-04	1.59E-06	1.11E-06	1.77E-05	1.10E-05	6.59E-05	1.04E-06	2.38E-05	3.25E-03	3.01E-04	3.87E-03
2920	NG_1616	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.557	1.11E-02	2.34E-02	3.22E-01	1.81E-02	6.04E-06	2.54E-02	3.58E-03	1.12E-03	2.19E-11	5.80E-04	1.53E-06	1.07E-06	1.70E-05	1.06E-05	6.34E-05	1.00E-06	2.29E-05	3.12E-03	2.89E-04	3.72E-03
2921	NG_1617	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.557	1.07E-02	2.25E-02	3.10E-01	1.72E-02	5.82E-06	2.42E-02	3.45E-03	1.08E-03	2.10E-11	5.59E-04	1.48E-06	1.03E-06	1.64E-05	1.02E-05	6.10E-05	9.65E-07	2.20E-05	3.01E-03	2.78E-04	3.58E-03
2922	NG_1618	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.557	1.03E-02	2.16E-02	2.96E-01	1.63E-02	5.57E-06	2.29E-02	3.30E-03	1.03E-03	2.01E-11	5.34E-04	1.41E-06	9.85E-07	1.56E-05	9.73E-06	5.84E-05	9.23E-07	2.11E-05	2.88E-03	2.66E-04	3.43E-03
2923	NG_1619	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.557	9.68E-03	2.03E-02	2.79E-01	1.51E-02	5.25E-06	2.13E-02	3.11E-03	9.70E-04	1.90E-11	5.04E-04	1.33E-06	9.29E-07	1.48E-05	9.18E-06	5.50E-05	8.71E-07	1.99E-05	2.71E-03	2.51E-04	3.23E-03
2924	NG_1620	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.557	9.15E-03	1.92E-02	2.64E-01	1.42E-02	4.96E-06	1.98E-02	2.94E-03	9.17E-04	1.79E-11	4.76E-04	1.26E-06	8.79E-07	1.39E-05	8.68E-06	5.20E-05	8.23E-07	1.88E-05	2.56E-03	2.37E-04	3.06E-03
2925	NG_1621	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.557	8.65E-03	1.82E-02	2.50E-01	1.33E-02	4.69E-06	1.86E-02	2.78E-03	8.67E-04	1.70E-11	4.50E-04	1.19E-06	8.31E-07	1.32E-05	8.20E-06	4.92E-05	7.78E-07	1.78E-05	2.42E-03	2.24E-04	2.89E-03
2926	NG_1622	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.557	8.18E-03	1.72E-02	2.36E-01	1.25E-02	4.44E-06	1.74E-02	2.63E-03	8.20E-04	1.60E-11	4.26E-04	1.13E-06	7.86E-07	1.25E-05	7.76E-06	4.65E-05	7.36E-07	1.68E-05	2.29E-03	2.12E-04	2.73E-03
2927	NG_1623	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.557	7.77E-03	1.63E-02	2.24E-01	1.18E-02	4.21E-06	1.65E-02	2.49E-03	7.79E-04	1.52E-11	4.04E-04	1.07E-06	7.47E-07	1.18E-05	7.37E-06	4.42E-05	6.99E-07	1.60E-05	2.18E-03	2.02E-04	2.59E-03
2928	NG_1624	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.557	7.39E-03	1.55E-02	2.13E-01	1.12E-02	4.01E-06	1.56E-02	2.37E-03	7.41E-04	1.45E-11	3.85E-04	1.02E-06	7.11E-07	1.13E-05	7.01E-06	4.20E-05	6.65E-07	1.52E-05	2.07E-03	1.92E-04	2.47E-03
2929	NG_1625	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.557	7.12E-03	1.50E-02	2.06E-01	1.08E-02	3.86E-06	1.50E-02	2.29E-03	7.14E-04	1.40E-11	3.71E-04	9.81E-07	6.86E-07	1.09E-05	6.75E-06	4.05E-05	6.41E-07	1.46E-05	2.00E-03	1.85E-04	2.38E-03
2930	NG_1626	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.557	7.00E-03	1.47E-02	2.02E-01	1.07E-02	3.80E-06	1.48E-02	2.25E-03	7.02E-04	1.37E-11	3.64E-04	9.64E-07	6.75E-07	1.07E-05	6.64E-06	3.98E-05	6.30E-07	1.44E-05	1.96E-03	1.82E-04	2.34E-03
2931	NG_1627	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.557	6.97E-03	1.46E-02	2.01E-01	1.06E-02	3.78E-06	1.47E-02	2.24E-03	6.99E-04	1.37E-11	3.63E-04	9.61E-07	6.74E-07	1.06E-05	6.62E-06	3.96E-05	6.27E-07	1.43E-05	1.95E-03	1.81E-04	2.33E-03
2932	NG_1628	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.557	6.96E-03	1.46E-02	2.01E-01	1.06E-02	3.78E-06	1.47E-02	2.24E-03	6.98E-04	1.37E-11	3.63E-04	9.60E-07	6.73E-07	1.06E-05	6.61E-06	3.96E-05	6.27E-07	1.43E-05	1.95E-03	1.81E-04	2.33E-03
2933	NG_1629	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.557	7.00E-03	1.47E-02	2.02E-01	1.07E-02	3.80E-06	1.47E-02	2.25E-03	7.02E-04	1.37E-11	3.65E-04	9.66E-07	6.77E-07	1.07E-05	6.65E-06	3.98E-05	6.30E-07	1.44E-05	1.96E-03	1.82E-04	2.34E-03
2934	NG_1630	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.557	7.10E-03	1.49E-02	2.05E-01	1.09E-02	3.85E-06	1.49E-02	2.28E-03	7.12E-04	1.39E-11	3.70E-04	9.79E-07	6.86E-07	1.08E-05	6.74E-06	4.04E-05	6.39E-07	1.46E-05	1.99E-03	1.84E-04	2.37E-03
2935	NG_1631	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.557	7.14E-03	1.50E-02	2.06E-01	1.10E-02	3.87E-06	1.50E-02	2.29E-03	7.15E-04	1.40E-11	3.72E-04	9.84E-07	6.90E-07	1.09E-05	6.77E-06	4.06E-05	6.42E-07	1.47E-05	2.00E-03	1.85E-04	2.38E-03
2936	NG_1632	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.557	7.13E-03	1.50E-02	2.06E-01	1.11E-02	3.87E-06	1.49E-02	2.29E-03	7.15E-04	1.40E-11	3.71E-04	9.83E-07	6.89E-07	1.09E-05	6.77E-06	4.06E-05	6.42E-07	1.46E-05	2.00E-03	1.85E-04	2.38E-03
2937	NG_1633	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.557	7.01E-03	1.47E-02	2.03E-01	1.10E-02	3.80E-06	1.46E-02	2.25E-03	7.03E-04	1.37E-11	3.65E-04	9.66E-07	6.76E-07	1.07E-05	6.65E-06	3.99E-05	6.31E-07	1.44E-05	1.97E-03	1.82E-04	2.34E-03
2938	NG_1634	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.557	6.83E-03	1.44E-02	1.98E-01	1.08E-02	3.71E-06	1.41E-02	2.20E-03	6.85E-04	1.34E-11	3.56E-04	9.42E-07	6.59E-07	1.04E-05	6.49E-06	3.89E-05	6.15E-07	1.40E-05	1.92E-03	1.77E-04	2.28E-03
2939	NG_1635	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.557	6.62E-03	1.39E-02	1.92E-01	1.05E-02	3.59E-06	1.36E-02	2.13E-03	6.64E-04	1.30E-11	3.45E-04	9.12E-07	6.38E-07	1.01E-05	6.29E-06	3.77E-05	5.96E-07	1.36E-05	1.86E-03	1.72E-04	2.21E-03
2940	NG_1636	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.557	6.44E-03	1.35E-02	1.86E-01	1.03E-02	3.49E-06	1.32E-02	2.07E-03	6.45E-04	1.26E-11	3.35E-04	8.87E-07	6.20E-07	9.82E-06	6.11E-06	3.66E-05	5.79E-07	1.32E-05	1.81E-03	1.67E-04	2.15E-03
2941	NG_1637	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.557	6.22E-03	1.31E-02	1.80E-01	9.98E-03	3.38E-06	1.27E-02	2.00E-03	6.24E-04	1.22E-11	3.24E-04	8.57E-07	5.99E-07	9.49E-06	5.90E-06	3.54E-05	5.60E-07	1.28E-05	1.74E-03	1.61E-04	2.08E-03
2942	NG_1638	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.557	5.95E-03	1.25E-02	1.72E-01	9.61E-03	3.23E-06	1.21E-02	1.91E-03	5.97E-04	1.17E-11	3.10E-04	8.19E-07	5.73E-07	9.07E-06	5.65E-06	3.38E-05	5.35E-07	1.22E-05	1.67E-03	1.54E-04	1.99E-03
2943	NG_1639	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.557	5.67E-03	1.19E-02	1.64E-01	9.20E-03	3.07E-06	1.15E-02	1.82E-03	5.68E-04	1.11E-11	2.95E-04	7.80E-07	5.46E-07	8.64E-06	5.38E-06	3.22E-05	5.10E-07	1.16E-05	1.59E-03	1.47E-04	1.89E-03
2944	NG_1640	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.557	5.38E-03	1.13E-02	1.56E-01	8.79E-03	2.92E-06	1.08E-02	1.73E-03	5.40E-04	1.06E-11	2.80E-04	7.41E-07	5.18E-07	8.21E-06	5.11E-06	3.06E-05	4.84E-07	1.11E-05	1.51E-03	1.40E-04	1.80E-03
2945	NG_1641	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.607	5.29E-03	1.11E-02	1.53E-01	9.41E-03	2.88E-06	1.16E-02	1.70E-03	5.31E-04	1.04E-11	2.76E-04	7.31E-07	5.14E-07	8.07E-06	5.03E-06	3.01E-05	4.77E-07	1.09E-05	1.48E-03	1.37E-04	1.77E-03
2946	NG_1642	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.607	5.68E-03	1.19E-02	1.64E-01	1.00E-02	3.09E-06	1.24E-02	1.82E-03	5.69E-04	1.11E-11	2.96E-04	7.84E-07	5.51E-07	8.66E-06	5.39E-06	3.23E-05	5.11E-07	1.17E-05	1.59E-03	1.47E-04	1.90E-03
2947	NG_1643	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.607	6.13E-03	1.29E-02	1.77E-01	1.07E-02	3.33E-06	1.34E-02	1.97E-03	6.14E-04	1.20E-11	3.19E-04	8.46E-07	5.95E-07	9.35E-06	5.82E-06	3.49E-05	5.52E-07	1.26E-05	1.72E-03	1.59E-04	2.05E-03
2948	NG_1644	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.607	6.69E-03	1.40E-02	1.93E-01	1.16E-02	3.63E-06	1.46E-02	2.15E-03	6.70E-04	1.31E-11	3.48E-04	9.23E-07	6.49E-07	1.02E-05	6.35E-06	3.80E-05	6.02E-07	1.37E-05	1.87E-03	1.73E-04	2.23E-03
2949	NG_1645	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.607	7.26E-03	1.53E-02	2.10E-01	1.26E-02	3.95E-06	1.59E-02	2.33E-03	7.28E-04	1.42E-11	3.78E-04	1.00E-06	7.06E-07	1.11E-05	6.90E-06	4.13E-05	6.54E-07	1.49E-05	2.04E-03	1.88E-04	2.43E-03
2950	NG_1646	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.607	7.91E-03	1.66E-02	2.29E-01	1.36E-02	4.30E-06	1.73E-02	2.54E-03	7.93E-04	1.55E-11	4.12E-04	1.09E-06	7.68E-07	1.21E-05	7.51E-06	4.50E-05	7.12E-07	1.62E-05	2.22E-03	2.05E-04	2.64E-03
2951	NG_1647	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.607	8.55E-03	1.80E-02	2.47E-01	1.46E-02	4.65E-06	1.87E-02	2.75E-03	8.58E-04	1.68E-11	4.46E-04	1.18E-06	8.31E-07	1.30E-05	8.12E-06	4.86E-05	7.70E-07	1.76E-05	2.40E-03	2.22E-04	2.86E-03
2952	NG_1648	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.607	9.31E-03	1.96E-02	2.69E-01	1.58E-02	5.06E-06	2.04E-02	2.99E-03	9.33E-04	1.83E-11	4.85E-04	1.29E-06	9.03E-07	1.42E-05	8.84E-06	5.29E-05	8.38E-07	1.91E-05	2.61E-03	2.42E-04	3.11E-03
2953	NG_1649	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.607	9.98E-03	2.10E-02	2.88E-01	1.68E-02	5.42E-06	2.20E-02	3.21E-03	1.00E-03	1.96E-11	5.20E-04	1.38E-06	9.68E-07	1.52E-05	9.48E-06	5.67E-05	8.98E-07	2.05E-05	2.80E-03	2.59E-04	3.33E-03
2954	NG_1650	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.607	1.06E-02	2.22E-02	3.06E-01	1.77E-02	5.74E-06	2.34E-02	3.40E-03	1.06E-03	2.07E-11	5.51E-04	1.46E-06	1.02E-06	1.61E-05	1.00E-05	6.01E-05	9.52E-07	2.17E-05	2.97E-03	2.74E-04	3.53E-03
2955	NG_1651	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.607	1.10E-02	2.31E-02	3.17E-01	1.84E-02	5.97E-06	2.44E-02	3.53E-03	1.10E-03	2.16E-11	5.72E-04	1.52E-06	1.06E-06	1.68E-05	1.04E-05	6.25E-05	9.89E-07	2.26E-05	3.08E-03	2.85E-04	3.67E-03
2956	NG_1652	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.607	1.12E-02	2.36E-02	3.25E-01	1.87E-02	6.10E-06	2.51E-02	3.61E-03	1.13E-03	2.20E-11	5.85E-04	1.55E-06	1.09E-06	1.71E-05	1.07E-05	6.39E-05	1.01E-06	2.31E-05	3.15E-03	2.92E-04	3.75E-03
2957	NG_1653	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.607	1.13E-02	2.38E-02	3.27E-01	1.88E-02	6.14E-06	2.55E-02	3.63E-03	1.13E-03	2.22E-11	5.89E-04	1.56E-06	1.09E-06	1.73E-05	1.07E-05	6.43E-05	1.02E-06	2.32E-05	3.17E-03	2.94E-04	3.78E-03
2958	NG_1654	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.607	1.12E-02	2.36E-02	3.24E-01	1.86E-02	6.09E-06	2.54E-02	3.60E-03	1.12E-03	2.20E-11	5.84E-04	1.54E-06	1.08E-06	1.71E-05	1.06E-05	6.38E-05	1.01E-06	2.30E-05	3.15E-03	2.91E-04	3.75E-03
2959	NG_1655	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.607	1.10E-02	2.31E-02	3.18E-01	1.82E-02	5.97E-06	2.49E-02	3.53E-03	1.10E-03	2.16E-11	5.73E-04	1.51E-06	1.06E-06	1.68E-05	1.04E-05	6.26E-05	9.90E-07	2.26E-05	3.08E-03	2.85E-04	3.68E-03
2960	NG_1656	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.607	1.07E-02	2.24E-02	3.08E-01	1.75E-02	5.78E-06	2.41E-02	3.42E-03	1.07E-03	2.09E-11	5.55E-04	1.47E-06	1.02E-06	1.63E-05	1.01E-05	6.06E-05	9.59E-07	2.19E-05	2.99E-03	2.77E-04	3.56E-03
2961	NG_1657	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.607	1.03E-02	2.16E-02	2.97E-01	1.67E-02	5.57E-06	2.31E-02	3.30E-03	1.03E-03	2.02E-11	5.35E-04	1.41E-06	9.86E-07	1.57E-05	9.75E-06	5.84E-05	9.25E-07	2.11E-05	2.88E-03	2.67E-04	3.43E-03
2962	NG_1658	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.607	9.86E-03	2.07E-02	2.85E-01	1.58E-02	5.35E-06	2.20E-02	3.17E-03	9.88E-04	1.93E-11	5.13E-04	1.36E-06	9.46E-07	1.50E-05	9.35E-06	5.60E-05	8.87E-07	2.02E-05	2.76E-03	2.56E-04	3.29E-03
2963	NG_1659	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.607	9.46E-03	1.99E-02	2.73E-01	1.50E-02	5.13E-06	2.09E-02	3.04E-03	9.48E-04	1.86E-11	4.92E-04	1.30E-06	9.08E-07	1.44E-05	8.97E-06	5.38E-05	8.51E-07	1.94E-05	2.65E-03	2.45E-04	3.16E-03
2964	NG_1660	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.607	9.03E-03	1.90E-02	2.61E-01	1.42E-02	4.90E-06	1.97E-02	2.90E-03	9.05E-04	1.77E-11	4.70E-04	1.24E-06	8.67E-07	1.38E-05	8.56E-06	5.13E-05	8.12E-07	1.85E-05	2.53E-03	2.34E-04	3.02E-03
2965	NG_1661	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.607	8.59E-03	1.81E-02	2.48E-01	1.34E-02	4.66E-06	1.85E-02	2.76E-03	8.61E-04	1.69E-11	4.47E-04	1.18E-06	8.25E-07	1.31E-05	8.15E-06	4.89E-05	7.73E-07	1.76E-05	2.41E-03	2.23E-04	2.87E-03
2966	NG_1662	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.607	8.13E-03	1.71E-02	2.35E-01	1.26E-02	4.41E-06	1.74E-02	2.61E-03	8.15E-04	1.59E-11	4.23E-04	1.12E-06	7.81E-07	1.24E-05	7.71E-06	4.62E-05	7.31E-07	1.67E-05	2.28E-03	2.11E-04	2.72E-03
2967	NG_1663	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.607	7.70E-03	1.62E-02	2.22E-01	1.18E-02	4.18E-06	1.63E-02	2.47E-03	7.72E-04	1.51E-11	4.01E-04	1.06E-06	7.40E-07	1.17E-05	7.30E-06	4.38E-05	6.93E-07	1.58E-05	2.16E-03	2.00E-04	2.57E-03

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 1 GRID MAX

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							0.124	0.260	3.550	0.199	6.74E-05	0.358	0.040	0.012	2.43E-10	6.46E-03	1.72E-05	1.22E-05	1.89E-04	1.18E-04	7.05E-04	1.12E-05	2.54E-04	0.035	0.003	0.041
Receptor ID of Maximum Offsite Concentration / Deposition Rate							NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837
Coordinates of Maximum Offsite Concentration/ Deposition Rate						X	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464
						Y	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607
2968	NG_1664	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.607	7.31E-03	1.54E-02	2.11E-01	1.12E-02	3.96E-06	1.54E-02	2.35E-03	7.32E-04	1.43E-11	3.80E-04	1.01E-06	7.02E-07	1.11E-05	6.93E-06	4.15E-05	6.57E-07	1.50E-05	2.05E-03	1.90E-04	2.44E-03
2969	NG_1665	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.607	6.98E-03	1.47E-02	2.02E-01	1.07E-02	3.79E-06	1.47E-02	2.24E-03	7.00E-04	1.37E-11	3.63E-04	9.61E-07	6.71E-07	1.06E-05	6.62E-06	3.97E-05	6.28E-07	1.43E-05	1.96E-03	1.81E-04	2.33E-03
2970	NG_1666	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.607	6.73E-03	1.41E-02	1.95E-01	1.03E-02	3.65E-06	1.41E-02	2.16E-03	6.75E-04	1.32E-11	3.50E-04	9.27E-07	6.48E-07	1.03E-05	6.38E-06	3.83E-05	6.06E-07	1.38E-05	1.89E-03	1.75E-04	2.25E-03
2971	NG_1667	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.607	6.57E-03	1.38E-02	1.90E-01	1.00E-02	3.57E-06	1.38E-02	2.11E-03	6.59E-04	1.29E-11	3.42E-04	9.05E-07	6.34E-07	1.00E-05	6.23E-06	3.74E-05	5.91E-07	1.35E-05	1.84E-03	1.70E-04	2.19E-03
2972	NG_1668	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.607	6.50E-03	1.37E-02	1.88E-01	9.93E-03	3.53E-06	1.36E-02	2.09E-03	6.51E-04	1.27E-11	3.38E-04	8.96E-07	6.28E-07	9.91E-06	6.17E-06	3.70E-05	5.85E-07	1.33E-05	1.82E-03	1.69E-04	2.17E-03
2973	NG_1669	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.607	6.51E-03	1.37E-02	1.88E-01	9.96E-03	3.54E-06	1.36E-02	2.09E-03	6.53E-04	1.28E-11	3.39E-04	8.98E-07	6.30E-07	9.93E-06	6.18E-06	3.70E-05	5.86E-07	1.34E-05	1.83E-03	1.69E-04	2.18E-03
2974	NG_1670	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.607	6.59E-03	1.39E-02	1.91E-01	1.01E-02	3.58E-06	1.38E-02	2.12E-03	6.61E-04	1.29E-11	3.43E-04	9.09E-07	6.38E-07	1.01E-05	6.26E-06	3.75E-05	5.93E-07	1.35E-05	1.85E-03	1.71E-04	2.20E-03
2975	NG_1671	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.607	6.68E-03	1.40E-02	1.93E-01	1.03E-02	3.63E-06	1.39E-02	2.15E-03	6.69E-04	1.31E-11	3.48E-04	9.21E-07	6.46E-07	1.02E-05	6.34E-06	3.80E-05	6.01E-07	1.37E-05	1.87E-03	1.73E-04	2.23E-03
2976	NG_1672	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.607	6.75E-03	1.42E-02	1.95E-01	1.04E-02	3.66E-06	1.40E-02	2.17E-03	6.76E-04	1.32E-11	3.51E-04	9.31E-07	6.53E-07	1.03E-05	6.40E-06	3.84E-05	6.07E-07	1.39E-05	1.89E-03	1.75E-04	2.25E-03
2977	NG_1673	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.607	6.74E-03	1.42E-02	1.95E-01	1.05E-02	3.66E-06	1.40E-02	2.16E-03	6.75E-04	1.32E-11	3.51E-04	9.29E-07	6.51E-07	1.03E-05	6.39E-06	3.83E-05	6.06E-07	1.38E-05	1.89E-03	1.75E-04	2.25E-03
2978	NG_1674	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.607	6.68E-03	1.40E-02	1.93E-01	1.04E-02	3.63E-06	1.38E-02	2.15E-03	6.70E-04	1.31E-11	3.48E-04	9.21E-07	6.45E-07	1.02E-05	6.34E-06	3.80E-05	6.01E-07	1.37E-05	1.87E-03	1.73E-04	2.23E-03
2979	NG_1675	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.607	6.55E-03	1.38E-02	1.90E-01	1.03E-02	3.56E-06	1.35E-02	2.11E-03	6.57E-04	1.29E-11	3.41E-04	9.03E-07	6.32E-07	9.99E-06	6.22E-06	3.73E-05	5.90E-07	1.35E-05	1.84E-03	1.70E-04	2.19E-03
2980	NG_1676	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.607	6.45E-03	1.36E-02	1.87E-01	1.02E-02	3.50E-06	1.32E-02	2.07E-03	6.47E-04	1.27E-11	3.36E-04	8.89E-07	6.22E-07	9.84E-06	6.12E-06	3.67E-05	5.81E-07	1.32E-05	1.81E-03	1.67E-04	2.16E-03
2981	NG_1677	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.607	6.29E-03	1.32E-02	1.82E-01	9.99E-03	3.41E-06	1.28E-02	2.02E-03	6.31E-04	1.23E-11	3.28E-04	8.66E-07	6.06E-07	9.59E-06	5.97E-06	3.58E-05	5.66E-07	1.29E-05	1.76E-03	1.63E-04	2.10E-03
2982	NG_1678	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.607	6.08E-03	1.28E-02	1.76E-01	9.73E-03	3.30E-06	1.24E-02	1.95E-03	6.10E-04	1.19E-11	3.17E-04	8.38E-07	5.86E-07	9.28E-06	5.77E-06	3.46E-05	5.48E-07	1.25E-05	1.71E-03	1.58E-04	2.03E-03
2983	NG_1679	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.607	5.87E-03	1.23E-02	1.70E-01	9.43E-03	3.18E-06	1.19E-02	1.88E-03	5.88E-04	1.15E-11	3.05E-04	8.08E-07	5.65E-07	8.95E-06	5.57E-06	3.34E-05	5.28E-07	1.20E-05	1.64E-03	1.52E-04	1.96E-03
2984	NG_1680	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.607	5.65E-03	1.19E-02	1.64E-01	9.15E-03	3.07E-06	1.14E-02	1.82E-03	5.67E-04	1.11E-11	2.94E-04	7.79E-07	5.45E-07	8.62E-06	5.36E-06	3.21E-05	5.09E-07	1.16E-05	1.59E-03	1.47E-04	1.89E-03
2985	NG_1681	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.607	5.44E-03	1.14E-02	1.58E-01	8.86E-03	2.96E-06	1.09E-02	1.75E-03	5.46E-04	1.07E-11	2.84E-04	7.50E-07	5.25E-07	8.30E-06	5.17E-06	3.10E-05	4.90E-07	1.12E-05	1.53E-03	1.41E-04	1.82E-03

AQIA DATA - SCENARIO 1 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1	SG_1	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6364.500	1.35E-09	2.66E-09	1.16E-08	1.23E-10	7.35E-13	8.83E-08	4.33E-10	1.35E-10	2.64E-18	7.02E-11	1.88E-13	1.35E-13	2.06E-12	1.28E-12	7.66E-12	1.22E-13	2.76E-12	3.78E-10	3.49E-11	4.50E-10
2	SG_2	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6364.500	1.34E-09	2.61E-09	1.14E-08	1.20E-10	7.24E-13	8.86E-08	4.26E-10	1.33E-10	2.60E-18	6.92E-11	1.85E-13	1.33E-13	2.03E-12	1.27E-12	7.55E-12	1.20E-13	2.72E-12	3.72E-10	3.44E-11	4.43E-10
3	SG_3	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6364.500	1.31E-09	2.54E-09	1.11E-08	1.17E-10	7.07E-13	8.76E-08	4.16E-10	1.30E-10	2.54E-18	6.75E-11	1.81E-13	1.30E-13	1.98E-12	1.24E-12	7.37E-12	1.17E-13	2.66E-12	3.63E-10	3.36E-11	4.33E-10
4	SG_4	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6364.500	1.26E-09	2.39E-09	1.04E-08	1.11E-10	6.70E-13	8.24E-08	3.95E-10	1.23E-10	2.41E-18	6.41E-11	1.71E-13	1.23E-13	1.88E-12	1.17E-12	6.99E-12	1.11E-13	2.52E-12	3.45E-10	3.19E-11	4.11E-10
5	SG_5	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6364.500	1.21E-09	2.23E-09	9.61E-09	1.05E-10	6.33E-13	7.80E-08	3.73E-10	1.16E-10	2.28E-18	6.05E-11	1.62E-13	1.16E-13	1.77E-12	1.11E-12	6.60E-12	1.05E-13	2.38E-12	3.26E-10	3.01E-11	3.88E-10
6	SG_6	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6364.500	1.20E-09	2.13E-09	9.16E-09	1.01E-10	6.11E-13	7.76E-08	3.60E-10	1.12E-10	2.20E-18	5.85E-11	1.56E-13	1.12E-13	1.71E-12	1.07E-12	6.38E-12	1.01E-13	2.30E-12	3.14E-10	2.91E-11	3.75E-10
7	SG_7	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6364.500	1.18E-09	2.03E-09	8.77E-09	9.64E-11	5.92E-13	7.65E-08	3.49E-10	1.09E-10	2.13E-18	5.66E-11	1.51E-13	1.08E-13	1.66E-12	1.03E-12	6.17E-12	9.79E-14	2.23E-12	3.04E-10	2.82E-11	3.63E-10
8	SG_8	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6364.500	1.18E-09	2.03E-09	8.78E-09	9.37E-11	5.91E-13	7.69E-08	3.48E-10	1.09E-10	2.13E-18	5.65E-11	1.51E-13	1.08E-13	1.65E-12	1.03E-12	6.16E-12	9.78E-14	2.22E-12	3.04E-10	2.81E-11	3.62E-10
9	SG_9	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6364.500	1.20E-09	2.10E-09	9.09E-09	9.32E-11	6.06E-13	7.89E-08	3.57E-10	1.11E-10	2.18E-18	5.80E-11	1.55E-13	1.10E-13	1.70E-12	1.06E-12	6.32E-12	1.00E-13	2.28E-12	3.12E-10	2.88E-11	3.72E-10
10	SG_10	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6364.500	1.25E-09	2.24E-09	9.69E-09	9.60E-11	6.42E-13	8.43E-08	3.79E-10	1.18E-10	2.31E-18	6.14E-11	1.64E-13	1.17E-13	1.80E-12	1.12E-12	6.70E-12	1.06E-13	2.42E-12	3.30E-10	3.06E-11	3.94E-10
11	SG_11	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6364.500	1.19E-09	2.16E-09	9.10E-09	8.97E-11	6.21E-13	7.32E-08	3.67E-10	1.14E-10	2.24E-18	5.94E-11	1.58E-13	1.13E-13	1.74E-12	1.09E-12	6.49E-12	1.03E-13	2.34E-12	3.20E-10	2.96E-11	3.81E-10
12	SG_12	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6364.500	1.23E-09	2.26E-09	9.31E-09	9.21E-11	6.51E-13	7.23E-08	3.85E-10	1.20E-10	2.35E-18	6.24E-11	1.66E-13	1.18E-13	1.83E-12	1.14E-12	6.81E-12	1.08E-13	2.46E-12	3.36E-10	3.11E-11	4.00E-10
13	SG_13	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6364.500	1.28E-09	2.37E-09	9.57E-09	9.35E-11	6.85E-13	7.21E-08	4.04E-10	1.26E-10	2.47E-18	6.56E-11	1.74E-13	1.23E-13	1.92E-12	1.20E-12	7.16E-12	1.13E-13	2.58E-12	3.53E-10	3.27E-11	4.21E-10
14	SG_14	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6364.500	1.33E-09	2.46E-09	9.84E-09	9.28E-11	7.14E-13	7.28E-08	4.22E-10	1.32E-10	2.58E-18	6.84E-11	1.82E-13	1.28E-13	2.00E-12	1.25E-12	7.47E-12	1.18E-13	2.70E-12	3.68E-10	3.41E-11	4.39E-10
15	SG_15	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6364.500	1.40E-09	2.59E-09	1.04E-08	9.50E-11	7.54E-13	7.61E-08	4.46E-10	1.39E-10	2.72E-18	7.23E-11	1.92E-13	1.35E-13	2.12E-12	1.32E-12	7.89E-12	1.25E-13	2.85E-12	3.89E-10	3.60E-11	4.64E-10
16	SG_16	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6364.500	1.50E-09	2.79E-09	1.13E-08	1.01E-10	8.10E-13	8.11E-08	4.79E-10	1.50E-10	2.93E-18	7.77E-11	2.06E-13	1.45E-13	2.28E-12	1.42E-12	8.48E-12	1.34E-13	3.06E-12	4.18E-10	3.87E-11	4.99E-10
17	SG_17	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6364.500	1.65E-09	3.08E-09	1.25E-08	1.10E-10	8.89E-13	8.78E-08	5.26E-10	1.64E-10	3.21E-18	8.53E-11	2.26E-13	1.58E-13	2.50E-12	1.55E-12	9.31E-12	1.47E-13	3.36E-12	4.59E-10	4.25E-11	5.47E-10
18	SG_18	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6364.500	1.90E-09	3.58E-09	1.46E-08	1.28E-10	1.03E-12	1.02E-07	6.07E-10	1.89E-10	3.70E-18	9.84E-11	2.60E-13	1.82E-13	2.88E-12	1.79E-12	1.07E-11	1.70E-13	3.88E-12	5.30E-10	4.90E-11	6.31E-10
19	SG_19	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6364.500	2.22E-09	4.23E-09	1.74E-08	1.52E-10	1.20E-12	1.22E-07	7.10E-10	2.21E-10	4.33E-18	1.15E-10	3.04E-13	2.13E-13	3.37E-12	2.10E-12	1.26E-11	1.99E-13	4.54E-12	6.19E-10	5.73E-11	7.38E-10
20	SG_20	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6364.500	2.41E-09	4.60E-09	1.89E-08	1.66E-10	1.30E-12	1.29E-07	7.71E-10	2.41E-10	4.71E-18	1.25E-10	3.30E-13	2.31E-13	3.66E-12	2.28E-12	1.36E-11	2.16E-13	4.93E-12	6.73E-10	6.23E-11	8.02E-10
21	SG_21	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6364.500	2.53E-09	4.84E-09	2.00E-08	1.77E-10	1.37E-12	1.33E-07	8.10E-10	2.53E-10	4.94E-18	1.31E-10	3.47E-13	2.42E-13	3.84E-12	2.39E-12	1.43E-11	2.27E-13	5.18E-12	7.07E-10	6.54E-11	8.42E-10
22	SG_22	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6364.500	2.68E-09	5.12E-09	2.12E-08	1.92E-10	1.44E-12	1.40E-07	8.53E-10	2.66E-10	5.21E-18	1.38E-10	3.65E-13	2.54E-13	4.05E-12	2.52E-12	1.51E-11	2.39E-13	5.46E-12	7.45E-10	6.89E-11	8.88E-10
23	SG_23	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6364.500	2.87E-09	5.42E-09	2.27E-08	2.10E-10	1.52E-12	1.49E-07	9.03E-10	2.82E-10	5.51E-18	1.46E-10	3.86E-13	2.68E-13	4.29E-12	2.66E-12	1.60E-11	2.53E-13	5.78E-12	7.88E-10	7.30E-11	9.39E-10
24	SG_24	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6364.500	3.10E-09	5.66E-09	2.38E-08	2.28E-10	1.60E-12	1.58E-07	9.49E-10	2.96E-10	5.80E-18	1.54E-10	4.06E-13	2.82E-13	4.51E-12	2.80E-12	1.68E-11	2.66E-13	6.07E-12	8.28E-10	7.67E-11	9.87E-10
25	SG_25	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6364.500	3.43E-09	5.89E-09	2.50E-08	2.48E-10	1.70E-12	1.71E-07	1.00E-09	3.14E-10	6.14E-18	1.63E-10	4.29E-13	2.98E-13	4.77E-12	2.96E-12	1.78E-11	2.81E-13	6.43E-12	8.77E-10	8.12E-11	1.05E-09
26	SG_26	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6364.500	3.89E-09	6.21E-09	2.68E-08	2.72E-10	1.83E-12	1.87E-07	1.08E-09	3.38E-10	6.61E-18	1.75E-10	4.63E-13	3.21E-13	5.14E-12	3.19E-12	1.92E-11	3.03E-13	6.93E-12	9.45E-10	8.75E-11	1.13E-09
27	SG_27	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6364.500	4.20E-09	6.43E-09	2.80E-08	2.85E-10	1.91E-12	1.88E-07	1.13E-09	3.54E-10	6.93E-18	1.84E-10	4.85E-13	3.37E-13	5.39E-12	3.35E-12	2.01E-11	3.18E-13	7.26E-12	9.90E-10	9.17E-11	1.18E-09
28	SG_28	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6364.500	4.62E-09	7.10E-09	3.14E-08	3.12E-10	2.10E-12	1.97E-07	1.25E-09	3.89E-10	7.60E-18	2.02E-10	5.33E-13	3.71E-13	5.91E-12	3.68E-12	2.20E-11	3.49E-13	7.97E-12	1.09E-09	1.01E-10	1.30E-09
29	SG_29	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6364.500	5.28E-09	8.21E-09	3.69E-08	3.60E-10	2.41E-12	2.21E-07	1.43E-09	4.45E-10	8.71E-18	2.31E-10	6.10E-13	4.25E-13	6.77E-12	4.21E-12	2.53E-11	4.00E-13	9.13E-12	1.25E-09	1.15E-10	1.48E-09
30	SG_30	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6364.500	6.12E-09	9.62E-09	4.37E-08	4.29E-10	2.80E-12	2.61E-07	1.66E-09	5.17E-10	1.01E-17	2.69E-10	7.09E-13	4.93E-13	7.87E-12	4.89E-12	2.93E-11	4.64E-13	1.06E-11	1.45E-09	1.34E-10	1.72E-09
31	SG_31	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6364.500	6.45E-09	1.03E-08	4.64E-08	4.69E-10	2.97E-12	2.75E-07	1.76E-09	5.49E-10	1.07E-17	2.85E-10	7.52E-13	5.24E-13	8.35E-12	5.19E-12	3.11E-11	4.92E-13	1.12E-11	1.53E-09	1.42E-10	1.83E-09
32	SG_32	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6364.700	1.51E-09	2.97E-09	1.30E-08	1.38E-10	8.20E-13	1.01E-07	4.83E-10	1.51E-10	2.95E-18	7.84E-11	2.10E-13	1.50E-13	2.30E-12	1.43E-12	8.55E-12	1.36E-13	3.08E-12	4.22E-10	3.90E-11	5.03E-10
33	SG_33	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6364.700	1.46E-09	2.85E-09	1.24E-08	1.32E-10	7.88E-13	9.74E-08	4.64E-10	1.45E-10	2.83E-18	7.53E-11	2.02E-13	1.45E-13	2.21E-12	1.38E-12	8.22E-12	1.30E-13	2.96E-12	4.05E-10	3.75E-11	4.83E-10
34	SG_34	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6364.700	1.43E-09	2.75E-09	1.20E-08	1.28E-10	7.67E-13	9.61E-08	4.52E-10	1.41E-10	2.76E-18	7.33E-11	1.96E-13	1.40E-13	2.15E-12	1.34E-12	7.99E-12	1.27E-13	2.88E-12	3.94E-10	3.64E-11	4.70E-10
35	SG_35	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6364.700	1.40E-09	2.65E-09	1.14E-08	1.24E-10	7.43E-13	9.49E-08	4.38E-10	1.37E-10	2.67E-18	7.10E-11	1.90E-13	1.36E-13	2.08E-12	1.30E-12	7.75E-12	1.23E-13	2.79E-12	3.82E-10	3.53E-11	4.55E-10
36	SG_36	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6364.700	1.37E-09	2.48E-09	1.06E-08	1.19E-10	7.07E-13	9.19E-08	4.17E-10	1.30E-10	2.54E-18	6.76E-11	1.81E-13	1.29E-13	1.98E-12	1.24E-12	7.37E-12	1.17E-13	2.66E-12	3.63E-10	3.36E-11	4.33E-10
37	SG_37	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6364.700	1.37E-09	2.34E-09	1.00E-08	1.15E-10	6.81E-13	9.23E-08	4.01E-10	1.25E-10	2.45E-18	6.51E-11	1.74E-13	1.25E-13	1.91E-12	1.19E-12	7.10E-12	1.13E-13	2.56E-12	3.50E-10	3.24E-11	4.17E-10
38	SG_38	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6364.700	1.36E-09	2.22E-09	9.54E-09	1.09E-10	6.58E-13	9.13E-08	3.88E-10	1.21E-10	2.37E-18	6.29E-11	1.68E-13	1.20E-13	1.84E-12	1.15E-12	6.86E-12	1.09E-13	2.47E-12	3.38E-10	3.13E-11	4.03E-10
39	SG_39	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6364.700	1.37E-09	2.27E-09	9.80E-09	1.07E-10	6.68E-13	9.32E-08	3.94E-10	1.23E-10	2.40E-18	6.39E-11	1.71E-13	1.22E-13	1.87E-12	1.17E-12	6.97E-12	1.11E-13	2.51E-12	3.44E-10	3.18E-11	4.10E-10
40	SG_40	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6364.700	1.32E-09	2.30E-09	9.87E-09	1.02E-10	6.66E-13	8.67E-08	3.92E-10	1.22E-10	2.40E-18	6.37E-11	1.70E-13	1.21E-13	1.86E-12	1.16E-12	6.94E-12	1.10E-13	2.50E-12	3.42E-10	3.17E-11	4.08E-10
41	SG_41	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6364.700	1.35E-09	2.45E-09	1.05E-08	1.03E-10	7.00E-13	8.94E-08	4.13E-10	1.29E-10	2.52E-18	6.70E-11	1.79E-13	1.27E-13	1.96E-12	1.22E-12	7.31E-12	1.16E-13	2.64E-12	3.60E-10	3.33E-11	4.29E-10
42	SG_42	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6364.700	1.29E-09	2.37E-09	9.95E-09	9.67E-11	6.80E-13	7.89E-08	4.01E-10	1.25E-10	2.45E-18	6.50E-11	1.73E-13	1.23E-13	1.90E-12	1.19E-12	7.10E-12	1.12E-13	2.56E-12	3.50E-10	3.24E-11	4.17E-10
43	SG_43	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6364.700	1.33E-09	2.48E-09	1.02E-08	9.94E-11	7.12E-13	7.86E-08	4.20E-10	1.31E-10	2.56E-18	6.81E-11	1.81E-13	1.29E-13	2.00E-12	1.24E-12	7.44E-12	1.18E-13	2.68E-12	3.67E-10	3.39E-11	4.37E-10
44	SG_44	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6364.700	1.40E-09	2.61E-09	1.05E-08	1.02E-10	7.54E-13	7.98E-08	4.46E-10	1.39E-10	2.72E-18	7.23E-11	1.92E-13	1.36E-13	2.12E-12	1.32E-12	7.89E-12	1.25E-13	2.85E-12	3.89E-10	3.60E-11	4.64E-10
45	SG_45	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6364.700	1.46E-09	2.72E-09	1.08E-08	1.02E-10	7.89E-13	8.10E-08	4.66E-10	1.46E-10	2.85E-18	7.56E-11	2.01E-13	1.41E-13	2.21E-12	1.38E-12	8.25E-12	1.31E-13	2.98E-12	4.07E-10	3.77E-11	4.85E-10
46	SG_46	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6364.700	1.53E-09	2.83E-09	1.12E-08	1.03E-10	8.24E-13	8.29E-08	4.87E-10	1.52E-10	2.97E-18	7.90E-11	2.09E-13	1.47E-13	2.31E-12	1.44E-12	8.62E-12	1.37E-13	3.11E-12	4.25E-10	3.93E-11	5.07E-10
47	SG_47	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6364.700	1.65E-09	3.07E-09	1.23E-08	1.10E-10	8.92E-13	8.97E-08	5.28E-10	1.65E-10	3.22E-18	8.55E-11	2.27E-13	1.59E-13	2.50E-12	1.56E-12	9.34E-12	1.48E-13	3.37E-12	4.60E-10	4.26E-11	5.49E-10
48	SG_48	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6364.700	1.81E-09	3.39E-09	1.36E-08	1.21E-10	9.80E-13	9.70E-08	5.80E-10	1.81E-10	3.54E-18	9.40E-11	2.49E-13	1.75E-13	2.75E-12	1.71E-12	1.03E-11	1.62E-13	3.71E-12	5.06E-10	4.68E-11	6.03E-10
49	SG_49	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6364.700	2.13E-09	4.02E-09	1.64E-08	1.43E-10	1.15E-12	1.16E-07	6.81E-10	2.12E-10	4.15E-18	1.10E-10	2.92E-13	2.05E-13	3.23E-12	2.01E-12	1.20E-11	1.91E-13	4.35E-12	5.94E-10	5.50E-11	7.08E-10
50	SG_50	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6364.700	2.45E-09	4.67E-09	1.91E-08	1.68E-10	1.33E-12	1.35E-07	7.85E-10	2.45E-10	4.79E-18	1.27E-10	3.37E-13	2.35E-13	3.73E-12	2.32E-12	1.39E-11	2.20E-13	5.02E-12	6.85E-10	6.34E-11	8.16E-10
51	SG_51	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6364.700	2.62E-09	5.00E-09	2.05E-08	1.81E-10	1.42E-12	1.40E-07	8.39E-10	2.62E-10	5.12E-18	1.36E-10	3.60E-13	2.51E-13	3.98E-12	2.48E-12	1.49E-11	2.35E-13	5.37E-12	7.32E-10	6.78E-11	8.73E-10
52	SG_52	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6364.700	2.81E-09	5.36E-09	2.21E-08	1.98E-10	1.51E-12	1.49E-07	8.96E-10	2.80E-10	5.47E-18	1.45E-10	3.83E-13	2.67E-13	4.25E-12	2.64E-12	1.59E-11	2.51E-13	5.73E-12	7.82E-10	7.24E-11	9.32E-10
53	SG_53	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6364.700	2.99E-09	5.69E-09	2.36E-08	2.16E-10	1.60E-12	1.58E-07	9.48E-10	2.96E-10	5.79E-18	1.54E-10	4.06E-13	2.82E-13	4.50E-12	2.80E-12	1.68E-11	2.66E-13	6.07E-12	8.28E-10	7.66E-11	9.87E-10
54	SG_54	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6364.700	3.25E-09	6.03E-09	2.52E-08	2.39E-10	1.70E-12	1.70E-07	1.01E-09	3.15E-10	6.15E-18	1.63E-10	4.31E-13	2.99E-13	4.78E-12	2.97E-12	1.78E-11	2.82E-13	6.45E-12	8.80E-10	8.14E-11	1.05E-09
55	SG_55	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6364.700	3.57E-09	6.24E-09	2.63E-08	2.60E-10	1.79E-12	1.83E-07	1.06E-09	3.31E-10	6.48E-18	1.72E-10	4.53E-13	3.15E-13	5.04E-12	3.13E-12	1.88E-11	2.97E-13	6.79E-12	9.26E-10	8.57E-11	1.10E-09
56	SG_56	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6364.700	3.94E-09	6.29E-09	2.67E-08	2.75E-10	1.86E-12	1.92E-07	1.10E-09	3.43E-10	6.71E-18	1.78E-10	4.70E-13	3.27E-13	5.22E-12	3.24E-12	1.95E-11	3.08E-13	7.03E-12	9.60E-10	8.88E-11	1.14E-09
57	SG_57	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6364.700	4.40E-09	6.59E-09	2.83E-08	2.98E-10	1.98E-12	2.04E-07	1.17E-09	3.66E-10	7.17E-18	1.90E-10	5.02E-13	3.49E-13	5.57E-12	3.46E-12	2.08E-11	3.29E-13	7.51E-12	1.02E-09	9.49E-11	1.22E-09
58	SG_58	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6364.700	5.22E-09	7.84E-09	3.45E-08	3.57E-10	2.34E-12	2.43E-07	1.39E-09	4.32E-10	8.46E-18	2.24E-10	5.92E-13	4.12E-13	6.57E-12	4.09E-12	2.45E-11	3.88E-13	8.86E-12	1.21E-09	1.12E-10	1.44E-09
59	SG_59	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6364.700	6.37E-09	1.00E-08	4.53E-08	4.53E-10	2.92E-12	3.10E-07	1.73E-09	5.40E-10	1.06E-17	2.81E-10	7.40E-13	5.15E-13	8.22E-12	5.11E-12	3.07E-11	4.85E-13	1.11E-11	1.51E-09	1.40E-10	1.80E-09
60	SG_60	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6364.700	6.71E-09	1.11E-08	5.00E-08	4.92E-10	3.16E-12	3.13E-07	1.87E-09	5.84E-10	1.14E-17	3.03E-10	8.01E-13	5.57E-13	8.89E-12	5.53E-12	3.32E-11	5.24E-13	1.20E-11	1.63E-09	1.51E-10	1.95E-09
61	SG_61	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6364.700	6.47E-09	1.09E-08	4.90E-08	4.92E-10	3.10E-12	2.83E-07	1.84E-09	5.74E-10	1.12E-17	2.98E-10	7.87E-13	5.48E-13	8.73E-12	5.43E-12	3.25E-11	5.15E-13	1.18E-11	1.60E-09	1.49E-10	1.91E-09
62	SG_62	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6364.700	6.21E-09	1.07E-08	4.73E-08	4.96E-10	3.02E-12	2.62E-07	1.79E-09	5.58E-10	1.09E-17	2.90E-10	7.65E-13	5.34E-13	8.49E-12	5.28E-12	3.17E-11	5.01E-13	1.14E-11	1.56E-09	1.44E-10	1.86E-09
63	SG_63	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6364.900	1.72E-09	3.39E-09	1.48E-08	1.58E-10	9.34E-13	1.18E-07	5.50E-10	1.72E-10	3.36E-18	8.92E-11	2.39E-13	1.71E-13	2.61E-12	1.63E-12	9.73E-12	1.54E-13	3.51E-12	4.80E-10	4.44E-11	5.72E-10
64	SG_64	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6364.900	1.67E-09	3.27E-09	1.42E-08	1.52E-10	9.03E-13	1.16E-07	5.32E-10	1.66E-10	3.25E-18	8.63E-11	2.31E-13	1.66E-13	2.53E-12	1.58E-12	9.41E-12	1.49E-13	3.39E-12	4.64E-10	4.29E-11	5.53E-10
65	SG_65	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6364.900	1.60E-09	3.09E-09	1.34E-08	1.44E-10	8.59E-13	1.11E-07	5.06E-10	1.58E-10	3.09E-18	8.21E-11	2.20E-13	1.57E-13	2.40E-12	1.50E-12	8.95E-12	1.42E-13	3.23E-12	4.41E-10	4.08E-11	5.26E-10
66	SG_66	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6364.900	1.60E-09	3.00E-09	1.30E-08	1.42E-10	8.43E-13	1.13E-07	4.96E-10	1.55E-10	3.03E-18	8.05E-11	2.16E-13	1.54E-13	2.36E-12	1.47E-12	8.79E-12	1.39E-13	3.17E-12	4.33E-10	4.01E-11	5.16E-10
67	SG_67	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6364.900	1.57E-09	2.78E-09	1.19E-08	1.36E-10	7.97E-13	1.10E-07	4.70E-10	1.47E-10	2.87E-18	7.62E-11	2.04E-13	1.46E-13	2.23E-12	1.39E-12	8.31E-12	1.32E-13	3.00E-12	4.10E-10	3.79E-11	4.89E-10
68	SG_68	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6364.900	1.62E-09	2.65E-09	1.13E-08	1.34E-10	7.80E-13	1.16E-07	4.59E-10	1.43E-10	2.80E-18	7.45E-11	1.99E-13	1.43E-13	2.18E-12	1.36E-12	8.13E-12	1.29E-13	2.93E-12	4.01E-10	3.71E-11	4.78E-10
69	SG_69	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6364.900	1.57E-09	2.46E-09	1.05E-08	1.25E-10	7.38E-13	1.11E-07	4.35E-10	1.36E-10	2.66E-18	7.06E-11	1.89E-13	1.35E-13	2.07E-12	1.29E-12	7.70E-12	1.22E-13	2.78E-12	3.80E-10	3.51E-11	4.52E-10
70	SG_70	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6364.900	1.46E-09	2.39E-09	1.02E-08	1.14E-10	7.09E-13	9.88E-08	4.18E-10	1.30E-10	2.55E-18	6.77E-11	1.81E-13	1.29E-13	1.98E-12	1.24E-12	7.39E-12	1.17E-13	2.67E-12	3.64E-10	3.37E-11	4.34E-10
71	SG_71	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6364.900	1.46E-09	2.55E-09	1.09E-08	1.13E-10	7.38E-13	9.85E-08	4.35E-10	1.36E-10	2.66E-18	7.06E-11	1.89E-13	1.35E-13	2.07E-12	1.29E-12	7.70E-12	1.22E-13	2.78E-12	3.80E-10	3.51E-11	4.52E-10
72	SG_72	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6364.900	1.42E-09	2.60E-09	1.11E-08	1.09E-10	7.43E-13	9.34E-08	4.38E-10	1.37E-10	2.68E-18	7.11E-11	1.90E-13	1.35E-13	2.08E-12	1.30E-12	7.76E-12	1.23E-13	2.80E-12	3.82E-10	3.54E-11	4.56E-10
73	SG_73	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6364.900	1.39E-09	2.60E-09	1.09E-08	1.05E-10	7.42E-13	8.84E-08	4.38E-10	1.37E-10	2.67E-18	7.10E-11	1.89E-13	1.35E-13	2.08E-12	1.30E-12	7.75E-12	1.23E-13	2.80E-12	3.82E-10	3.54E-11	4.55E-10
74	SG_74	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6364.900	1.46E-09	2.74E-09	1.13E-08	1.09E-10	7.84E-13	9.04E-08	4.63E-10	1.44E-10	2.83E-18	7.51E-11	2.00E-13	1.42E-13	2.20E-12	1.37E-12	8.19E-12	1.30E-13	2.96E-12	4.04E-10	3.74E-11	4.82E-10
75	SG_75	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6364.900	1.53E-09	2.86E-09	1.15E-08	1.12E-10	8.23E-13	8.95E-08	4.86E-10	1.52E-10	2.97E-18	7.89E-11	2.10E-13	1.48E-13	2.31E-12	1.44E-12	8.61E-12	1.36E-13	3.11E-12	4.25E-10	3.93E-11	5.06E-10
76	SG_76	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6364.900	1.59E-09	2.97E-09	1.18E-08	1.11E-10	8.61E-13	8.99E-08	5.09E-10	1.59E-10	3.11E-18	8.25E-11	2.19E-13	1.54E-13	2.42E-12	1.51E-12	9.01E-12	1.43E-13	3.25E-12	4.44E-10	4.11E-11	5.29E-10
77	SG_77	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6364.900	1.67E-09	3.09E-09	1.22E-08	1.12E-10	9.01E-13	9.14E-08	5.33E-10	1.66E-10	3.25E-18	8.64E-11	2.29E-13	1.61E-13	2.53E-12	1.57E-12	9.43E-12	1.49E-13	3.40E-12	4.65E-10	4.30E-11	5.54E-10
78	SG_78	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6364.900	1.80E-09	3.35E-09	1.33E-08	1.20E-10	9.73E-13	9.79E-08	5.76E-10	1.80E-10	3.52E-18	9.33E-11	2.47E-13	1.74E-13	2.73E-12	1.70E-12	1.02E-11	1.61E-13	3.68E-12	5.03E-10	4.65E-11	5.99E-10
79	SG_79	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6364.900	2.03E-09	3.79E-09	1.52E-08	1.34E-10	1.10E-12	1.10E-07	6.48E-10	2.02E-10	3.96E-18	1.05E-10	2.78E-13	1.95E-13	3.08E-12	1.92E-12	1.15E-11	1.82E-13	4.14E-12	5.66E-10	5.23E-11	6.74E-10
80	SG_80	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6364.900	2.36E-09	4.47E-09	1.81E-08	1.59E-10	1.28E-12	1.29E-07	7.57E-10	2.36E-10	4.62E-18	1.23E-10	3.25E-13	2.28E-13	3.59E-12	2.24E-12	1.34E-11	2.12E-13	4.84E-12	6.61E-10	6.11E-11	7.87E-10
81	SG_81	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6364.900	2.74E-09	5.21E-09	2.13E-08	1.87E-10	1.48E-12	1.52E-07	8.76E-10	2.74E-10	5.35E-18	1.42E-10	3.76E-13	2.63E-13	4.16E-12	2.59E-12	1.55E-11	2.46E-13	5.60E-12	7.65E-10	7.08E-11	9.12E-10
82	SG_82	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6364.900	3.02E-09	5.76E-09	2.37E-08	2.10E-10	1.63E-12	1.67E-07	9.64E-10	3.01E-10	5.89E-18	1.56E-10	4.13E-13	2.88E-13	4.58E-12	2.85E-12	1.71E-11	2.70E-13	6.16E-12	8.41E-10	7.79E-11	1.00E-09
83	SG_83	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6364.900	3.20E-09	6.10E-09	2.52E-08	2.28E-10	1.72E-12	1.75E-07	1.02E-09	3.18E-10	6.22E-18	1.65E-10	4.36E-13	3.03E-13	4.83E-12	3.01E-12	1.80E-11	2.85E-13	6.51E-12	8.89E-10	8.23E-11	1.06E-09

AQIA DATA - SCENARIO 1 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
84	SG_84	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6364.900	3.46E-09	6.54E-09	2.73E-08	2.54E-10	1.84E-12	1.88E-07	1.09E-09	3.40E-10	6.65E-18	1.77E-10	4.66E-13	3.24E-13	5.17E-12	3.21E-12	1.93E-11	3.05E-13	6.97E-12	9.51E-10	8.80E-11	1.13E-09
85	SG_85	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6364.900	3.84E-09	7.00E-09	2.95E-08	2.85E-10	1.98E-12	2.08E-07	1.17E-09	3.66E-10	7.17E-18	1.90E-10	5.01E-13	3.48E-13	5.57E-12	3.46E-12	2.08E-11	3.29E-13	7.51E-12	1.02E-09	9.48E-11	1.22E-09
86	SG_86	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6364.900	4.27E-09	7.13E-09	3.02E-08	3.07E-10	2.07E-12	2.21E-07	1.23E-09	3.83E-10	7.49E-18	1.99E-10	5.24E-13	3.64E-13	5.82E-12	3.62E-12	2.17E-11	3.43E-13	7.84E-12	1.07E-09	9.91E-11	1.28E-09
87	SG_87	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6364.900	4.74E-09	7.22E-09	3.08E-08	3.27E-10	2.16E-12	2.32E-07	1.28E-09	3.99E-10	7.81E-18	2.07E-10	5.47E-13	3.80E-13	6.07E-12	3.77E-12	2.26E-11	3.58E-13	8.18E-12	1.12E-09	1.03E-10	1.33E-09
88	SG_88	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6364.900	5.27E-09	7.87E-09	3.39E-08	3.63E-10	2.36E-12	2.51E-07	1.40E-09	4.36E-10	8.53E-18	2.27E-10	5.98E-13	4.16E-13	6.63E-12	4.12E-12	2.47E-11	3.91E-13	8.94E-12	1.22E-09	1.13E-10	1.45E-09
89	SG_89	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6364.900	6.68E-09	1.06E-08	4.71E-08	4.91E-10	3.09E-12	3.48E-07	1.83E-09	5.71E-10	1.12E-17	2.96E-10	7.82E-13	5.44E-13	8.68E-12	5.40E-12	3.24E-11	5.12E-13	1.17E-11	1.60E-09	1.48E-10	1.90E-09
90	SG_90	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6364.900	6.60E-09	1.12E-08	4.96E-08	5.07E-10	3.18E-12	3.20E-07	1.89E-09	5.89E-10	1.15E-17	3.06E-10	8.06E-13	5.61E-13	8.95E-12	5.56E-12	3.34E-11	5.28E-13	1.21E-11	1.65E-09	1.52E-10	1.96E-09
91	SG_91	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6364.900	6.36E-09	1.13E-08	4.97E-08	5.12E-10	3.17E-12	2.89E-07	1.88E-09	5.85E-10	1.15E-17	3.04E-10	8.02E-13	5.59E-13	8.90E-12	5.54E-12	3.32E-11	5.25E-13	1.20E-11	1.64E-09	1.52E-10	1.95E-09
92	SG_92	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6364.900	6.48E-09	1.19E-08	5.19E-08	5.50E-10	3.29E-12	2.91E-07	1.95E-09	6.08E-10	1.19E-17	3.16E-10	8.33E-13	5.81E-13	9.24E-12	5.75E-12	3.45E-11	5.45E-13	1.25E-11	1.70E-09	1.57E-10	2.03E-09
93	SG_93	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6364.900	6.61E-09	1.23E-08	5.36E-08	5.90E-10	3.39E-12	2.99E-07	2.01E-09	6.27E-10	1.23E-17	3.25E-10	8.59E-13	5.99E-13	9.53E-12	5.93E-12	3.55E-11	5.62E-13	1.28E-11	1.75E-09	1.62E-10	2.09E-09
94	SG_94	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.100	1.95E-09	3.86E-09	1.67E-08	1.81E-10	1.06E-12	1.36E-07	6.24E-10	1.95E-10	3.81E-18	1.01E-10	2.71E-13	1.94E-13	2.96E-12	1.85E-12	1.10E-11	1.75E-13	3.98E-12	5.45E-10	5.04E-11	6.49E-10
95	SG_95	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.100	1.92E-09	3.78E-09	1.64E-08	1.77E-10	1.04E-12	1.38E-07	6.12E-10	1.91E-10	3.74E-18	9.93E-11	2.66E-13	1.91E-13	2.91E-12	1.82E-12	1.08E-11	1.72E-13	3.91E-12	5.34E-10	4.94E-11	6.37E-10
96	SG_96	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.100	1.87E-09	3.62E-09	1.57E-08	1.70E-10	1.00E-12	1.36E-07	5.91E-10	1.84E-10	3.61E-18	9.58E-11	2.57E-13	1.84E-13	2.81E-12	1.75E-12	1.05E-11	1.66E-13	3.77E-12	5.16E-10	4.77E-11	6.14E-10
97	SG_97	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.100	1.78E-09	3.33E-09	1.44E-08	1.59E-10	9.35E-13	1.29E-07	5.51E-10	1.72E-10	3.36E-18	8.94E-11	2.39E-13	1.71E-13	2.62E-12	1.63E-12	9.75E-12	1.55E-13	3.52E-12	4.81E-10	4.45E-11	5.73E-10
98	SG_98	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6365.100	1.82E-09	3.19E-09	1.37E-08	1.57E-10	9.14E-13	1.35E-07	5.39E-10	1.68E-10	3.29E-18	8.74E-11	2.34E-13	1.68E-13	2.56E-12	1.60E-12	9.53E-12	1.51E-13	3.44E-12	4.70E-10	4.35E-11	5.60E-10
99	SG_99	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6365.100	1.94E-09	3.07E-09	1.33E-08	1.59E-10	9.13E-13	1.50E-07	5.38E-10	1.68E-10	3.28E-18	8.72E-11	2.33E-13	1.67E-13	2.55E-12	1.60E-12	9.52E-12	1.51E-13	3.43E-12	4.69E-10	4.34E-11	5.59E-10
100	SG_100	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.100	1.85E-09	2.79E-09	1.20E-08	1.45E-10	8.48E-13	1.38E-07	5.00E-10	1.56E-10	3.05E-18	8.11E-11	2.17E-13	1.55E-13	2.37E-12	1.48E-12	8.84E-12	1.40E-13	3.19E-12	4.36E-10	4.03E-11	5.20E-10
101	SG_101	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.100	1.65E-09	2.66E-09	1.13E-08	1.29E-10	7.91E-13	1.16E-07	4.66E-10	1.45E-10	2.85E-18	7.57E-11	2.02E-13	1.45E-13	2.22E-12	1.38E-12	8.25E-12	1.31E-13	2.98E-12	4.07E-10	3.76E-11	4.85E-10
102	SG_102	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.100	1.57E-09	2.77E-09	1.18E-08	1.24E-10	8.01E-13	1.10E-07	4.72E-10	1.47E-10	2.88E-18	7.66E-11	2.05E-13	1.46E-13	2.24E-12	1.40E-12	8.35E-12	1.32E-13	3.01E-12	4.12E-10	3.81E-11	4.91E-10
103	SG_103	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.100	1.55E-09	2.87E-09	1.22E-08	1.22E-10	8.16E-13	1.08E-07	4.81E-10	1.50E-10	2.94E-18	7.81E-11	2.09E-13	1.49E-13	2.29E-12	1.43E-12	8.52E-12	1.35E-13	3.07E-12	4.20E-10	3.89E-11	5.01E-10
104	SG_104	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.100	1.53E-09	2.87E-09	1.21E-08	1.18E-10	8.16E-13	1.04E-07	4.82E-10	1.50E-10	2.94E-18	7.81E-11	2.08E-13	1.48E-13	2.29E-12	1.43E-12	8.52E-12	1.35E-13	3.07E-12	4.20E-10	3.89E-11	5.01E-10
105	SG_105	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.100	1.54E-09	2.91E-09	1.19E-08	1.16E-10	8.31E-13	9.91E-08	4.90E-10	1.53E-10	2.99E-18	7.95E-11	2.12E-13	1.50E-13	2.33E-12	1.45E-12	8.68E-12	1.38E-13	3.13E-12	4.28E-10	3.96E-11	5.10E-10
106	SG_106	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.100	1.64E-09	3.08E-09	1.23E-08	1.21E-10	8.86E-13	9.97E-08	5.23E-10	1.63E-10	3.19E-18	8.49E-11	2.26E-13	1.60E-13	2.49E-12	1.55E-12	9.26E-12	1.47E-13	3.34E-12	4.57E-10	4.23E-11	5.44E-10
107	SG_107	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.100	1.75E-09	3.26E-09	1.29E-08	1.22E-10	9.44E-13	1.02E-07	5.58E-10	1.74E-10	3.41E-18	9.05E-11	2.40E-13	1.69E-13	2.65E-12	1.65E-12	9.88E-12	1.56E-13	3.57E-12	4.87E-10	4.51E-11	5.80E-10
108	SG_108	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.100	1.84E-09	3.40E-09	1.34E-08	1.23E-10	9.92E-13	1.03E-07	5.87E-10	1.83E-10	3.58E-18	9.51E-11	2.52E-13	1.77E-13	2.79E-12	1.74E-12	1.04E-11	1.64E-13	3.75E-12	5.12E-10	4.74E-11	6.10E-10
109	SG_109	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.100	2.00E-09	3.71E-09	1.47E-08	1.32E-10	1.08E-12	1.10E-07	6.39E-10	1.99E-10	3.90E-18	1.04E-10	2.74E-13	1.93E-13	3.03E-12	1.89E-12	1.13E-11	1.79E-13	4.08E-12	5.57E-10	5.16E-11	6.64E-10
110	SG_110	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.100	2.28E-09	4.27E-09	1.71E-08	1.52E-10	1.23E-12	1.26E-07	7.30E-10	2.28E-10	4.46E-18	1.18E-10	3.13E-13	2.20E-13	3.46E-12	2.16E-12	1.29E-11	2.04E-13	4.66E-12	6.37E-10	5.89E-11	7.59E-10
111	SG_111	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.100	2.71E-09	5.12E-09	2.07E-08	1.83E-10	1.46E-12	1.52E-07	8.67E-10	2.70E-10	5.29E-18	1.40E-10	3.72E-13	2.60E-13	4.11E-12	2.56E-12	1.53E-11	2.43E-13	5.54E-12	7.56E-10	7.00E-11	9.01E-10
112	SG_112	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.100	3.08E-09	5.86E-09	2.38E-08	2.11E-10	1.66E-12	1.73E-07	9.86E-10	3.08E-10	6.02E-18	1.60E-10	4.22E-13	2.95E-13	4.68E-12	2.91E-12	1.74E-11	2.76E-13	6.30E-12	8.60E-10	7.96E-11	1.03E-09
113	SG_113	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.100	3.40E-09	6.48E-09	2.66E-08	2.38E-10	1.83E-12	1.92E-07	1.08E-09	3.38E-10	6.62E-18	1.76E-10	4.64E-13	3.24E-13	5.15E-12	3.20E-12	1.92E-11	3.04E-13	6.93E-12	9.46E-10	8.76E-11	1.13E-09
114	SG_114	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.100	3.63E-09	6.90E-09	2.85E-08	2.62E-10	1.94E-12	2.02E-07	1.15E-09	3.59E-10	7.03E-18	1.87E-10	4.92E-13	3.43E-13	5.46E-12	3.40E-12	2.04E-11	3.22E-13	7.36E-12	1.00E-09	9.30E-11	1.20E-09
115	SG_115	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.100	4.01E-09	7.52E-09	3.14E-08	2.99E-10	2.11E-12	2.24E-07	1.25E-09	3.91E-10	7.65E-18	2.03E-10	5.35E-13	3.72E-13	5.95E-12	3.70E-12	2.22E-11	3.51E-13	8.01E-12	1.09E-09	1.01E-10	1.30E-09
116	SG_116	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.100	4.42E-09	7.89E-09	3.32E-08	3.29E-10	2.24E-12	2.40E-07	1.33E-09	4.15E-10	8.12E-18	2.16E-10	5.68E-13	3.95E-13	6.31E-12	3.92E-12	2.35E-11	3.72E-13	8.51E-12	1.16E-09	1.07E-10	1.38E-09
117	SG_117	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.100	4.97E-09	8.10E-09	3.43E-08	3.58E-10	2.37E-12	2.57E-07	1.40E-09	4.38E-10	8.56E-18	2.27E-10	5.99E-13	4.17E-13	6.66E-12	4.14E-12	2.48E-11	3.93E-13	8.97E-12	1.22E-09	1.13E-10	1.46E-09
118	SG_118	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.100	5.50E-09	8.41E-09	3.58E-08	3.86E-10	2.50E-12	2.71E-07	1.48E-09	4.63E-10	9.06E-18	2.41E-10	6.34E-13	4.41E-13	7.04E-12	4.38E-12	2.63E-11	4.16E-13	9.49E-12	1.30E-09	1.20E-10	1.54E-09
119	SG_119	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.100	6.47E-09	1.02E-08	4.43E-08	4.76E-10	2.99E-12	3.30E-07	1.77E-09	5.54E-10	1.08E-17	2.87E-10	7.58E-13	5.27E-13	8.42E-12	5.23E-12	3.14E-11	4.97E-13	1.13E-11	1.55E-09	1.43E-10	1.84E-09
120	SG_120	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.100	6.56E-09	1.13E-08	4.87E-08	5.19E-10	3.20E-12	3.26E-07	1.89E-09	5.91E-10	1.16E-17	3.07E-10	8.10E-13	5.64E-13	8.99E-12	5.59E-12	3.35E-11	5.30E-13	1.21E-11	1.65E-09	1.53E-10	1.97E-09
121	SG_121	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.100	6.81E-09	1.25E-08	5.40E-08	5.78E-10	3.46E-12	3.35E-07	2.05E-09	6.40E-10	1.25E-17	3.33E-10	8.78E-13	6.12E-13	9.74E-12	6.06E-12	3.63E-11	5.75E-13	1.31E-11	1.79E-09	1.66E-10	2.13E-09
122	SG_122	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.100	6.96E-09	1.32E-08	5.70E-08	6.22E-10	3.62E-12	3.36E-07	2.15E-09	6.69E-10	1.31E-17	3.48E-10	9.18E-13	6.40E-13	1.02E-11	6.33E-12	3.80E-11	6.01E-13	1.37E-11	1.87E-09	1.73E-10	2.23E-09
123	SG_123	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.100	7.38E-09	1.43E-08	6.17E-08	6.90E-10	3.88E-12	3.62E-07	2.30E-09	7.18E-10	1.40E-17	3.73E-10	9.85E-13	6.86E-13	1.09E-11	6.79E-12	4.07E-11	6.44E-13	1.47E-11	2.01E-09	1.86E-10	2.39E-09
124	SG_124	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.100	7.23E-09	1.41E-08	6.06E-08	7.04E-10	3.83E-12	3.51E-07	2.27E-09	7.07E-10	1.38E-17	3.67E-10	9.70E-13	6.76E-13	1.08E-11	6.69E-12	4.01E-11	6.35E-13	1.45E-11	1.98E-09	1.83E-10	2.36E-09
125	SG_125	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.300	2.21E-09	4.38E-09	1.89E-08	2.07E-10	1.20E-12	1.57E-07	7.07E-10	2.20E-10	4.31E-18	1.15E-10	3.07E-13	2.20E-13	3.36E-12	2.10E-12	1.25E-11	1.98E-13	4.51E-12	6.17E-10	5.71E-11	7.35E-10
126	SG_126	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.300	2.18E-09	4.28E-09	1.85E-08	2.03E-10	1.18E-12	1.57E-07	6.94E-10	2.16E-10	4.23E-18	1.13E-10	3.01E-13	2.16E-13	3.29E-12	2.06E-12	1.23E-11	1.95E-13	4.43E-12	6.05E-10	5.60E-11	7.21E-10
127	SG_127	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.300	2.13E-09	4.10E-09	1.77E-08	1.95E-10	1.13E-12	1.56E-07	6.68E-10	2.08E-10	4.08E-18	1.08E-10	2.90E-13	2.08E-13	3.17E-12	1.98E-12	1.18E-11	1.88E-13	4.26E-12	5.83E-10	5.39E-11	6.95E-10
128	SG_128	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.300	2.09E-09	3.88E-09	1.67E-08	1.87E-10	1.09E-12	1.57E-07	6.41E-10	2.00E-10	3.91E-18	1.04E-10	2.78E-13	1.99E-13	3.04E-12	1.90E-12	1.13E-11	1.80E-13	4.09E-12	5.59E-10	5.17E-11	6.66E-10
129	SG_129	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.300	2.12E-09	3.68E-09	1.59E-08	1.83E-10	1.06E-12	1.64E-07	6.22E-10	1.94E-10	3.80E-18	1.01E-10	2.70E-13	1.94E-13	2.95E-12	1.85E-12	1.10E-11	1.75E-13	3.97E-12	5.43E-10	5.02E-11	6.47E-10
130	SG_130	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.300	2.14E-09	3.39E-09	1.46E-08	1.75E-10	1.01E-12	1.66E-07	5.93E-10	1.85E-10	3.62E-18	9.63E-11	2.58E-13	1.85E-13	2.82E-12	1.76E-12	1.05E-11	1.67E-13	3.79E-12	5.18E-10	4.79E-11	6.17E-10
131	SG_131	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.300	2.04E-09	3.09E-09	1.32E-08	1.60E-10	9.37E-13	1.53E-07	5.52E-10	1.72E-10	3.37E-18	8.96E-11	2.40E-13	1.71E-13	2.62E-12	1.64E-12	9.77E-12	1.55E-13	3.52E-12	4.82E-10	4.46E-11	5.74E-10
132	SG_132	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.300	1.89E-09	3.06E-09	1.30E-08	1.49E-10	9.08E-13	1.41E-07	5.35E-10	1.67E-10	3.27E-18	8.69E-11	2.32E-13	1.66E-13	2.54E-12	1.59E-12	9.48E-12	1.50E-13	3.42E-12	4.67E-10	4.32E-11	5.57E-10
133	SG_133	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.300	1.71E-09	3.04E-09	1.28E-08	1.38E-10	8.77E-13	1.25E-07	5.17E-10	1.61E-10	3.16E-18	8.39E-11	2.24E-13	1.60E-13	2.46E-12	1.53E-12	9.15E-12	1.45E-13	3.30E-12	4.51E-10	4.17E-11	5.38E-10
134	SG_134	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.300	1.70E-09	3.16E-09	1.33E-08	1.37E-10	8.98E-13	1.25E-07	5.29E-10	1.65E-10	3.23E-18	8.59E-11	2.29E-13	1.64E-13	2.51E-12	1.57E-12	9.37E-12	1.49E-13	3.38E-12	4.62E-10	4.27E-11	5.50E-10
135	SG_135	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.300	1.66E-09	3.14E-09	1.32E-08	1.31E-10	8.91E-13	1.20E-07	5.25E-10	1.64E-10	3.21E-18	8.52E-11	2.27E-13	1.62E-13	2.50E-12	1.56E-12	9.30E-12	1.47E-13	3.35E-12	4.58E-10	4.24E-11	5.46E-10
136	SG_136	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.300	1.66E-09	3.12E-09	1.28E-08	1.26E-10	8.92E-13	1.12E-07	5.26E-10	1.64E-10	3.21E-18	8.54E-11	2.27E-13	1.62E-13	2.50E-12	1.56E-12	9.31E-12	1.48E-13	3.36E-12	4.59E-10	4.25E-11	5.47E-10
137	SG_137	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.300	1.79E-09	3.36E-09	1.35E-08	1.33E-10	9.65E-13	1.15E-07	5.70E-10	1.78E-10	3.48E-18	9.24E-11	2.46E-13	1.74E-13	2.71E-12	1.69E-12	1.01E-11	1.60E-13	3.64E-12	4.97E-10	4.60E-11	5.93E-10
138	SG_138	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.300	1.91E-09	3.56E-09	1.41E-08	1.34E-10	1.03E-12	1.16E-07	6.10E-10	1.90E-10	3.72E-18	9.89E-11	2.63E-13	1.85E-13	2.90E-12	1.80E-12	1.08E-11	1.71E-13	3.90E-12	5.32E-10	4.92E-11	6.34E-10
139	SG_139	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.300	2.02E-09	3.74E-09	1.47E-08	1.35E-10	1.09E-12	1.16E-07	6.45E-10	2.01E-10	3.94E-18	1.05E-10	2.77E-13	1.95E-13	3.06E-12	1.91E-12	1.14E-11	1.81E-13	4.12E-12	5.63E-10	5.21E-11	6.71E-10
140	SG_140	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.300	2.26E-09	4.20E-09	1.66E-08	1.50E-10	1.22E-12	1.29E-07	7.22E-10	2.25E-10	4.41E-18	1.17E-10	3.10E-13	2.18E-13	3.43E-12	2.13E-12	1.28E-11	2.02E-13	4.61E-12	6.30E-10	5.83E-11	7.51E-10
141	SG_141	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.300	2.59E-09	4.83E-09	1.92E-08	1.72E-10	1.40E-12	1.46E-07	8.26E-10	2.58E-10	5.04E-18	1.34E-10	3.55E-13	2.49E-13	3.92E-12	2.44E-12	1.46E-11	2.31E-13	5.28E-12	7.21E-10	6.67E-11	8.59E-10
142	SG_142	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.300	3.08E-09	5.80E-09	2.33E-08	2.08E-10	1.66E-12	1.76E-07	9.81E-10	3.06E-10	5.99E-18	1.59E-10	4.21E-13	2.95E-13	4.66E-12	2.90E-12	1.74E-11	2.75E-13	6.27E-12	8.57E-10	7.93E-11	1.02E-09
143	SG_143	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.300	3.53E-09	6.68E-09	2.72E-08	2.43E-10	1.90E-12	2.04E-07	1.12E-09	3.51E-10	6.86E-18	1.82E-10	4.81E-13	3.36E-13	5.33E-12	3.32E-12	1.99E-11	3.15E-13	7.18E-12	9.80E-10	9.07E-11	1.17E-09
144	SG_144	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.300	3.93E-09	7.43E-09	3.06E-08	2.79E-10	2.10E-12	2.29E-07	1.24E-09	3.88E-10	7.59E-18	2.02E-10	5.32E-13	3.70E-13	5.90E-12	3.67E-12	2.20E-11	3.48E-13	7.95E-12	1.09E-09	1.00E-10	1.29E-09
145	SG_145	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.300	4.21E-09	7.89E-09	3.27E-08	3.08E-10	2.23E-12	2.41E-07	1.32E-09	4.12E-10	8.05E-18	2.14E-10	5.64E-13	3.92E-13	6.26E-12	3.89E-12	2.33E-11	3.69E-13	8.43E-12	1.15E-09	1.07E-10	1.37E-09
146	SG_146	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.300	4.67E-09	8.55E-09	3.57E-08	3.50E-10	2.42E-12	2.65E-07	1.43E-09	4.47E-10	8.75E-18	2.32E-10	6.12E-13	4.25E-13	6.80E-12	4.23E-12	2.54E-11	4.01E-13	9.16E-12	1.25E-09	1.16E-10	1.49E-09
147	SG_147	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.300	5.28E-09	9.14E-09	3.85E-08	3.95E-10	2.62E-12	2.91E-07	1.55E-09	4.85E-10	9.48E-18	2.52E-10	6.63E-13	4.61E-13	7.37E-12	4.58E-12	2.75E-11	4.35E-13	9.93E-12	1.36E-09	1.25E-10	1.62E-09
148	SG_148	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.300	6.37E-09	1.04E-08	4.43E-08	4.72E-10	3.01E-12	3.52E-07	1.79E-09	5.58E-10	1.09E-17	2.89E-10	7.63E-13	5.31E-13	8.48E-12	5.27E-12	3.16E-11	5.00E-13	1.14E-11	1.56E-09	1.44E-10	1.86E-09
149	SG_149	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.300	6.50E-09	1.04E-08	4.42E-08	4.82E-10	3.03E-12	3.34E-07	1.80E-09	5.61E-10	1.10E-17	2.91E-10	7.68E-13	5.35E-13	8.53E-12	5.30E-12	3.18E-11	5.03E-13	1.15E-11	1.57E-09	1.45E-10	1.87E-09
150	SG_150	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.300	7.28E-09	1.24E-08	5.31E-08	5.79E-10	3.52E-12	3.81E-07	2.09E-09	6.51E-10	1.27E-17	3.38E-10	8.92E-13	6.21E-13	9.90E-12	6.16E-12	3.69E-11	5.84E-13	1.33E-11	1.82E-09	1.69E-10	2.17E-09
151	SG_151	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.300	7.19E-09	1.32E-08	5.61E-08	6.23E-10	3.66E-12	3.66E-07	2.17E-09	6.77E-10	1.32E-17	3.52E-10	9.28E-13	6.47E-13	1.03E-11	6.40E-12	3.84E-11	6.08E-13	1.39E-11	1.89E-09	1.75E-10	2.26E-09
152	SG_152	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.300	7.40E-09	1.42E-08	6.04E-08	6.85E-10	3.89E-12	3.74E-07	2.30E-09	7.19E-10	1.41E-17	3.73E-10	9.86E-13	6.87E-13	1.09E-11	6.80E-12	4.08E-11	6.45E-13	1.47E-11	2.01E-09	1.86E-10	2.40E-09
153	SG_153	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.300	7.48E-09	1.47E-08	6.22E-08	7.27E-10	3.99E-12	3.75E-07	2.36E-09	7.37E-10	1.44E-17	3.83E-10	1.01E-12	7.05E-13	1.12E-11	6.97E-12	4.18E-11	6.61E-13	1.51E-11	2.06E-09	1.91E-10	2.46E-09
154	SG_154	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.300	7.49E-09	1.48E-08	6.27E-08	7.58E-10	4.01E-12	3.73E-07	2.38E-09	7.42E-10	1.45E-17	3.85E-10	1.02E-12	7.10E-13	1.13E-11	7.02E-12	4.21E-11	6.66E-13	1.52E-11	2.08E-09	1.92E-10	2.47E-09
155	SG_155	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.300	7.37E-09	1.46E-08	6.19E-08	7.74E-10	3.96E-12	3.66E-07	2.35E-09	7.32E-10	1.43E-17	3.80E-10	1.00E-12	7.00E-13	1.11E-11	6.92E-12	4.15E-11	6.57E-13	1.50E-11	2.05E-09	1.89E-10	2.44E-09
156	SG_156	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.500	2.43E-09	4.81E-09	2.06E-08	2.31E-10	1.32E-12	1.73E-07	7.76E-10	2.42E-10	4.73E-18	1.26E-10	3.37E-13	2.41E-13	3.68E-12	2.30E-12	1.37E-11	2.18E-13	4.95E-12	6.77E-10	6.26E-11	8.07E-10
157	SG_157	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.500	2.45E-09	4.79E-09	2.04E-08	2.32E-10	1.32E-12	1.77E-07	7.76E-10	2.42E-10	4.74E-18	1.26E-10	3.37E-13	2.42E-13	3.69E-12	2.30E-12	1.37E-11	2.18E-13	4.95E-12	6.77E-10	6.26E-11	8.07E-10
158	SG_158	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.500	2.53E-09	4.81E-09	2.06E-08	2.36E-10	1.33E-12	1.91E-07	7.85E-10	2.45E-10	4.79E-18	1.27E-10	3.41E-13	2.45E-13	3.73E-12	2.33E-12	1.39E-11	2.21E-13	5.01E-12	6.85E-10	6.34E-11	8.17E-10
159	SG_159	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.500	2.49E-09	4.52E-09	1.94E-08	2.25E-10	1.27E-12	1.91E-07	7.50E-10	2.34E-10	4.58E-18	1.22E-10	3.26E-13	2.34E-13	3.56E-12	2.23E-12	1.33E-11	2.11E-13	4.79E-12	6.55E-10	6.05E-11	7.80E-10
160	SG_160	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.500	2.48E-09	4.27E-09	1.84E-08	2.16E-10	1.23E-12	1.96E-07	7.22E-10	2.25E-10	4.41E-18	1.17E-10	3.14E-13	2.25E-13	3.43E-12	2.14E-12	1.28E-11	2.03E-13	4.61E-12	6.30E-10	5.83E-11	7.51E-10
161	SG_161	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.500	2.39E-09	3.90E-09	1.68E-08	1.99E-10	1.14E-12	1.89E-07	6.74E-10	2.10E-10	4.12E-18	1.09E-10	2.93E-13	2.10E-13	3.20E-12	2.00E-12	1.19E-11	1.89E-13	4.30E-12	5.89E-10	5.44E-11	7.01E-10
162	SG_162	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.500	2.31E-09	3.71E-09	1.59E-08	1.88E-10	1.10E-12	1.84E-07	6.47E-10	2.02E-10	3.95E-18	1.05E-10	2.81E-13	2.01E-13	3.07E-12	1.92E-12	1.14E-11	1.82E-13	4.13E-12	5.64E-10	5.22E-11	6.73E-10
163	SG_163	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.500	2.15E-09	3.65E-09	1.56E-08	1.76E-10	1.06E-12	1.71E-07	6.27E-10	1.96E-10	3.83E-18	1.02E-10	2.72E-13	1.95E-13	2.98E-12	1.86E-12	1.11E-11	1.76E-13	4.00E-12	5.47E-10	5.06E-11	6.52E-10
164	SG_164	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.500	1.97E-09	3.56E-09	1.50E-08	1.63E-10	1.02E-12	1.53E-07	6.01E-10	1.87E-10	3.67E-18	9.74E-11	2.60E-13	1.86E-13	2.85E-12	1.78E-12	1.06E-11	1.69E-13	3.83E-12	5.24E-10	4.85E-11	6.25E-10
165	SG_165	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.500	1.90E-09	3.54E-09	1.49E-08	1.56E-10	1.01E-12	1.46E-07	5.93E-10	1.85E-10	3.62E-18	9.62E-11	2.57E-13	1.84E-13	2.82E-12	1.76E-12	1.05E-11	1.66E-13	3.79E-12	5.17E-10	4.79E-11	6.17E-10
166	SG_166	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.500	1.86E-09	3.51E-09	1.47E-08	1.49E-10	9.96E-13	1.41E-07	5.87E-10	1.83E-10	3.58E-18	9.52E-11	2.54E-13	1.81E-13	2.79E-12	1.74E-12	1.04E-11	1.65E-13	3.75E-12	5.12E-10	4.74E-11	6.11E-10

AQIA DATA - SCENARIO 1 GRID MAX

Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
167	SG_167	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.500	1.84E-09	3.47E-09	1.43E-08	1.43E-10	9.89E-13	1.33E-07	5.83E-10	1.82E-10	3.56E-18	9.46E-11	2.52E-13	1.79E-13	2.77E-12	1.73E-12	1.03E-11	1.64E-13	3.73E-12	5.09E-10	4.71E-11	6.07E-10
168	SG_168	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.500	1.96E-09	3.67E-09	1.48E-08	1.47E-10	1.05E-12	1.33E-07	6.22E-10	1.94E-10	3.80E-18	1.01E-10	2.68E-13	1.90E-13	2.95E-12	1.84E-12	1.10E-11	1.74E-13	3.97E-12	5.43E-10	5.02E-11	6.47E-10
169	SG_169	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.500	2.09E-09	3.88E-09	1.53E-08	1.48E-10	1.12E-12	1.31E-07	6.64E-10	2.07E-10	4.05E-18	1.08E-10	2.86E-13	2.02E-13	3.15E-12	1.96E-12	1.18E-11	1.86E-13	4.24E-12	5.80E-10	5.36E-11	6.91E-10
170	SG_170	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.500	2.25E-09	4.16E-09	1.63E-08	1.52E-10	1.21E-12	1.35E-07	7.18E-10	2.24E-10	4.38E-18	1.16E-10	3.08E-13	2.17E-13	3.41E-12	2.12E-12	1.27E-11	2.01E-13	4.59E-12	6.26E-10	5.79E-11	7.46E-10
171	SG_171	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.500	2.55E-09	4.71E-09	1.86E-08	1.69E-10	1.37E-12	1.50E-07	8.10E-10	2.53E-10	4.95E-18	1.31E-10	3.48E-13	2.44E-13	3.85E-12	2.39E-12	1.43E-11	2.27E-13	5.18E-12	7.07E-10	6.54E-11	8.43E-10
172	SG_172	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.500	2.97E-09	5.52E-09	2.20E-08	1.99E-10	1.60E-12	1.74E-07	9.44E-10	2.95E-10	5.76E-18	1.53E-10	4.05E-13	2.84E-13	4.48E-12	2.79E-12	1.67E-11	2.64E-13	6.03E-12	8.24E-10	7.62E-11	9.82E-10
173	SG_173	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.500	3.52E-09	6.56E-09	2.64E-08	2.39E-10	1.88E-12	2.07E-07	1.11E-09	3.47E-10	6.80E-18	1.80E-10	4.77E-13	3.34E-13	5.28E-12	3.29E-12	1.97E-11	3.12E-13	7.12E-12	9.72E-10	8.99E-11	1.16E-09
174	SG_174	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.500	4.00E-09	7.42E-09	3.01E-08	2.77E-10	2.12E-12	2.36E-07	1.25E-09	3.92E-10	7.66E-18	2.03E-10	5.37E-13	3.75E-13	5.95E-12	3.70E-12	2.22E-11	3.51E-13	8.02E-12	1.09E-09	1.01E-10	1.30E-09
175	SG_175	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.500	4.45E-09	8.16E-09	3.35E-08	3.18E-10	2.32E-12	2.63E-07	1.38E-09	4.30E-10	8.41E-18	2.23E-10	5.89E-13	4.10E-13	6.53E-12	4.06E-12	2.44E-11	3.85E-13	8.81E-12	1.20E-09	1.11E-10	1.43E-09
176	SG_176	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.500	4.84E-09	8.61E-09	3.55E-08	3.53E-10	2.47E-12	2.79E-07	1.46E-09	4.56E-10	8.93E-18	2.37E-10	6.25E-13	4.34E-13	6.94E-12	4.31E-12	2.59E-11	4.09E-13	9.35E-12	1.28E-09	1.18E-10	1.52E-09
177	SG_177	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.500	5.61E-09	9.47E-09	3.95E-08	4.13E-10	2.75E-12	3.19E-07	1.63E-09	5.08E-10	9.94E-18	2.64E-10	6.95E-13	4.83E-13	7.72E-12	4.80E-12	2.88E-11	4.56E-13	1.04E-11	1.42E-09	1.31E-10	1.69E-09
178	SG_178	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.500	7.01E-09	1.11E-08	4.74E-08	5.17E-10	3.27E-12	4.05E-07	1.94E-09	6.05E-10	1.18E-17	3.14E-10	8.29E-13	5.76E-13	9.21E-12	5.72E-12	3.43E-11	5.43E-13	1.24E-11	1.69E-09	1.57E-10	2.02E-09
179	SG_179	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.500	8.14E-09	1.27E-08	5.46E-08	6.07E-10	3.73E-12	4.69E-07	2.21E-09	6.90E-10	1.35E-17	3.58E-10	9.45E-13	6.58E-13	1.05E-11	6.53E-12	3.92E-11	6.19E-13	1.41E-11	1.93E-09	1.79E-10	2.30E-09
180	SG_180	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.500	7.78E-09	1.28E-08	5.47E-08	6.14E-10	3.70E-12	4.20E-07	2.19E-09	6.85E-10	1.34E-17	3.55E-10	9.38E-13	6.53E-13	1.04E-11	6.47E-12	3.88E-11	6.14E-13	1.40E-11	1.91E-09	1.77E-10	2.28E-09
181	SG_181	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.500	8.26E-09	1.48E-08	6.31E-08	7.16E-10	4.15E-12	4.48E-07	2.46E-09	7.67E-10	1.50E-17	3.98E-10	1.05E-12	7.33E-13	1.17E-11	7.25E-12	4.35E-11	6.88E-13	1.57E-11	2.14E-09	1.99E-10	2.56E-09
182	SG_182	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.500	8.16E-09	1.56E-08	6.56E-08	7.68E-10	4.27E-12	4.31E-07	2.53E-09	7.90E-10	1.55E-17	4.10E-10	1.08E-12	7.55E-13	1.20E-11	7.47E-12	4.48E-11	7.09E-13	1.62E-11	2.21E-09	2.04E-10	2.63E-09
183	SG_183	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.500	8.43E-09	1.66E-08	6.98E-08	8.39E-10	4.50E-12	4.45E-07	2.67E-09	8.32E-10	1.63E-17	4.32E-10	1.14E-12	7.96E-13	1.27E-11	7.87E-12	4.72E-11	7.47E-13	1.70E-11	2.33E-09	2.15E-10	2.77E-09
184	SG_184	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.500	8.38E-09	1.67E-08	7.01E-08	8.70E-10	4.51E-12	4.39E-07	2.67E-09	8.34E-10	1.63E-17	4.33E-10	1.14E-12	7.97E-13	1.27E-11	7.88E-12	4.73E-11	7.48E-13	1.71E-11	2.33E-09	2.16E-10	2.78E-09
185	SG_185	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.500	8.15E-09	1.63E-08	6.82E-08	8.78E-10	4.40E-12	4.22E-07	2.60E-09	8.13E-10	1.59E-17	4.22E-10	1.11E-12	7.77E-13	1.24E-11	7.69E-12	4.61E-11	7.29E-13	1.66E-11	2.27E-09	2.10E-10	2.71E-09
186	SG_186	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.500	7.92E-09	1.58E-08	6.63E-08	8.81E-10	4.27E-12	4.08E-07	2.53E-09	7.90E-10	1.55E-17	4.10E-10	1.08E-12	7.56E-13	1.20E-11	7.47E-12	4.48E-11	7.09E-13	1.62E-11	2.21E-09	2.05E-10	2.63E-09
187	SG_187	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.700	2.67E-09	5.28E-09	2.25E-08	2.60E-10	1.44E-12	1.96E-07	8.51E-10	2.65E-10	5.19E-18	1.38E-10	3.69E-13	2.65E-13	4.04E-12	2.52E-12	1.51E-11	2.39E-13	5.43E-12	7.42E-10	6.87E-11	8.85E-10
188	SG_188	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.700	2.82E-09	5.49E-09	2.33E-08	2.75E-10	1.51E-12	2.12E-07	8.88E-10	2.77E-10	5.42E-18	1.44E-10	3.86E-13	2.76E-13	4.22E-12	2.64E-12	1.57E-11	2.49E-13	5.67E-12	7.75E-10	7.17E-11	9.24E-10
189	SG_189	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.700	2.95E-09	5.50E-09	2.33E-08	2.84E-10	1.53E-12	2.24E-07	9.02E-10	2.81E-10	5.50E-18	1.46E-10	3.92E-13	2.81E-13	4.28E-12	2.68E-12	1.60E-11	2.53E-13	5.75E-12	7.87E-10	7.28E-11	9.38E-10
190	SG_190	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6365.700	3.06E-09	5.31E-09	2.25E-08	2.82E-10	1.51E-12	2.37E-07	8.92E-10	2.78E-10	5.44E-18	1.45E-10	3.87E-13	2.78E-13	4.24E-12	2.65E-12	1.58E-11	2.50E-13	5.69E-12	7.78E-10	7.20E-11	9.28E-10
191	SG_191	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.700	3.04E-09	5.02E-09	2.15E-08	2.68E-10	1.46E-12	2.42E-07	8.59E-10	2.68E-10	5.24E-18	1.39E-10	3.73E-13	2.67E-13	4.08E-12	2.55E-12	1.52E-11	2.41E-13	5.48E-12	7.49E-10	6.93E-11	8.93E-10
192	SG_192	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.700	2.79E-09	4.67E-09	2.01E-08	2.40E-10	1.35E-12	2.29E-07	7.98E-10	2.49E-10	4.87E-18	1.29E-10	3.46E-13	2.48E-13	3.79E-12	2.37E-12	1.41E-11	2.24E-13	5.09E-12	6.96E-10	6.44E-11	8.30E-10
193	SG_193	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.700	2.60E-09	4.45E-09	1.91E-08	2.21E-10	1.28E-12	2.16E-07	7.56E-10	2.36E-10	4.62E-18	1.23E-10	3.28E-13	2.35E-13	3.59E-12	2.24E-12	1.34E-11	2.12E-13	4.83E-12	6.60E-10	6.11E-11	7.87E-10
194	SG_194	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.700	2.48E-09	4.39E-09	1.87E-08	2.09E-10	1.26E-12	2.07E-07	7.41E-10	2.31E-10	4.52E-18	1.20E-10	3.22E-13	2.30E-13	3.52E-12	2.20E-12	1.31E-11	2.08E-13	4.73E-12	6.47E-10	5.98E-11	7.70E-10
195	SG_195	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.700	2.36E-09	4.31E-09	1.82E-08	1.99E-10	1.23E-12	1.95E-07	7.23E-10	2.26E-10	4.41E-18	1.17E-10	3.14E-13	2.24E-13	3.43E-12	2.14E-12	1.28E-11	2.03E-13	4.62E-12	6.31E-10	5.84E-11	7.52E-10
196	SG_196	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.700	2.23E-09	4.14E-09	1.73E-08	1.86E-10	1.18E-12	1.81E-07	6.93E-10	2.16E-10	4.23E-18	1.12E-10	3.01E-13	2.15E-13	3.29E-12	2.06E-12	1.23E-11	1.95E-13	4.43E-12	6.05E-10	5.60E-11	7.21E-10
197	SG_197	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.700	2.14E-09	3.99E-09	1.65E-08	1.74E-10	1.13E-12	1.69E-07	6.69E-10	2.09E-10	4.08E-18	1.08E-10	2.90E-13	2.07E-13	3.18E-12	1.98E-12	1.18E-11	1.88E-13	4.27E-12	5.83E-10	5.40E-11	6.95E-10
198	SG_198	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.700	2.10E-09	3.92E-09	1.62E-08	1.65E-10	1.12E-12	1.61E-07	6.61E-10	2.06E-10	4.03E-18	1.07E-10	2.86E-13	2.03E-13	3.14E-12	1.96E-12	1.17E-11	1.85E-13	4.22E-12	5.77E-10	5.33E-11	6.87E-10
199	SG_199	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.700	2.19E-09	4.09E-09	1.65E-08	1.66E-10	1.17E-12	1.60E-07	6.92E-10	2.16E-10	4.22E-18	1.12E-10	2.99E-13	2.12E-13	3.29E-12	2.05E-12	1.22E-11	1.94E-13	4.42E-12	6.04E-10	5.59E-11	7.20E-10
200	SG_200	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.700	2.33E-09	4.30E-09	1.70E-08	1.67E-10	1.25E-12	1.55E-07	7.36E-10	2.30E-10	4.49E-18	1.19E-10	3.17E-13	2.24E-13	3.49E-12	2.18E-12	1.30E-11	2.06E-13	4.70E-12	6.42E-10	5.94E-11	7.65E-10
201	SG_201	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.700	2.51E-09	4.60E-09	1.80E-08	1.70E-10	1.34E-12	1.57E-07	7.94E-10	2.48E-10	4.85E-18	1.29E-10	3.42E-13	2.40E-13	3.77E-12	2.35E-12	1.41E-11	2.23E-13	5.08E-12	6.93E-10	6.42E-11	8.26E-10
202	SG_202	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.700	2.90E-09	5.30E-09	2.10E-08	1.94E-10	1.54E-12	1.79E-07	9.13E-10	2.85E-10	5.57E-18	1.48E-10	3.92E-13	2.75E-13	4.33E-12	2.70E-12	1.62E-11	2.56E-13	5.84E-12	7.97E-10	7.37E-11	9.50E-10
203	SG_203	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.700	3.45E-09	6.26E-09	2.50E-08	2.32E-10	1.82E-12	2.12E-07	1.07E-09	3.35E-10	6.56E-18	1.74E-10	4.61E-13	3.23E-13	5.10E-12	3.17E-12	1.90E-11	3.01E-13	6.87E-12	9.38E-10	8.68E-11	1.12E-09
204	SG_204	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.700	4.05E-09	7.28E-09	2.93E-08	2.75E-10	2.11E-12	2.49E-07	1.25E-09	3.89E-10	7.61E-18	2.02E-10	5.34E-13	3.73E-13	5.92E-12	3.68E-12	2.21E-11	3.49E-13	7.97E-12	1.09E-09	1.01E-10	1.30E-09
205	SG_205	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.700	4.59E-09	8.05E-09	3.27E-08	3.17E-10	2.33E-12	2.82E-07	1.38E-09	4.32E-10	8.44E-18	2.24E-10	5.92E-13	4.13E-13	6.56E-12	4.08E-12	2.45E-11	3.87E-13	8.84E-12	1.21E-09	1.12E-10	1.44E-09
206	SG_206	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.700	5.35E-09	8.89E-09	3.66E-08	3.75E-10	2.61E-12	3.26E-07	1.54E-09	4.82E-10	9.43E-18	2.50E-10	6.60E-13	4.59E-13	7.33E-12	4.56E-12	2.73E-11	4.32E-13	9.88E-12	1.35E-09	1.25E-10	1.61E-09
207	SG_207	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.700	6.14E-09	9.45E-09	3.92E-08	4.32E-10	2.83E-12	3.62E-07	1.68E-09	5.24E-10	1.03E-17	2.72E-10	7.18E-13	4.99E-13	7.97E-12	4.96E-12	2.97E-11	4.70E-13	1.07E-11	1.47E-09	1.36E-10	1.75E-09
208	SG_208	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.700	7.37E-09	1.05E-08	4.41E-08	5.18E-10	3.22E-12	4.25E-07	1.91E-09	5.97E-10	1.17E-17	3.10E-10	8.17E-13	5.68E-13	9.07E-12	5.64E-12	3.38E-11	5.35E-13	1.22E-11	1.67E-09	1.54E-10	1.99E-09
209	SG_209	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.700	9.19E-09	1.26E-08	5.39E-08	6.53E-10	3.90E-12	5.39E-07	2.31E-09	7.21E-10	1.41E-17	3.75E-10	9.88E-13	6.87E-13	1.10E-11	6.82E-12	4.09E-11	6.47E-13	1.48E-11	2.02E-09	1.87E-10	2.40E-09
210	SG_210	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.700	8.97E-09	1.32E-08	5.62E-08	6.79E-10	3.98E-12	4.99E-07	2.36E-09	7.36E-10	1.44E-17	3.82E-10	1.01E-12	7.02E-13	1.12E-11	6.96E-12	4.17E-11	6.60E-13	1.51E-11	2.06E-09	1.90E-10	2.45E-09
211	SG_211	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.700	9.26E-09	1.56E-08	6.61E-08	7.89E-10	4.46E-12	5.23E-07	2.64E-09	8.25E-10	1.61E-17	4.29E-10	1.13E-12	7.89E-13	1.26E-11	7.81E-12	4.68E-11	7.41E-13	1.69E-11	2.31E-09	2.14E-10	2.75E-09
212	SG_212	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.700	9.31E-09	1.73E-08	7.29E-08	8.83E-10	4.79E-12	5.20E-07	2.84E-09	8.86E-10	1.73E-17	4.60E-10	1.22E-12	8.48E-13	1.35E-11	8.38E-12	5.03E-11	7.95E-13	1.82E-11	2.48E-09	2.29E-10	2.95E-09
213	SG_213	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.700	9.37E-09	1.83E-08	7.65E-08	9.53E-10	4.98E-12	5.16E-07	2.95E-09	9.21E-10	1.80E-17	4.78E-10	1.26E-12	8.81E-13	1.40E-11	8.71E-12	5.22E-11	8.26E-13	1.89E-11	2.58E-09	2.38E-10	3.07E-09
214	SG_214	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.700	9.53E-09	1.89E-08	7.92E-08	1.01E-09	5.13E-12	5.24E-07	3.04E-09	9.48E-10	1.85E-17	4.92E-10	1.30E-12	9.07E-13	1.44E-11	8.97E-12	5.38E-11	8.51E-13	1.94E-11	2.65E-09	2.45E-10	3.16E-09
215	SG_215	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.700	9.31E-09	1.86E-08	7.78E-08	1.03E-09	5.03E-12	5.08E-07	2.98E-09	9.30E-10	1.82E-17	4.83E-10	1.28E-12	8.89E-13	1.41E-11	8.80E-12	5.28E-11	8.35E-13	1.91E-11	2.60E-09	2.41E-10	3.10E-09
216	SG_216	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.700	8.99E-09	1.80E-08	7.52E-08	1.02E-09	4.86E-12	4.87E-07	2.88E-09	8.98E-10	1.76E-17	4.67E-10	1.23E-12	8.59E-13	1.37E-11	8.50E-12	5.10E-11	8.06E-13	1.84E-11	2.51E-09	2.33E-10	2.99E-09
217	SG_217	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.700	8.62E-09	1.73E-08	7.21E-08	1.01E-09	4.66E-12	4.63E-07	2.76E-09	8.62E-10	1.69E-17	4.47E-10	1.18E-12	8.24E-13	1.31E-11	8.15E-12	4.89E-11	7.73E-13	1.77E-11	2.41E-09	2.23E-10	2.87E-09
218	SG_218	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6365.900	2.82E-09	5.57E-09	2.36E-08	2.85E-10	1.53E-12	2.15E-07	8.99E-10	2.80E-10	5.49E-18	1.46E-10	3.90E-13	2.79E-13	4.27E-12	2.67E-12	1.59E-11	2.52E-13	5.74E-12	7.84E-10	7.26E-11	9.35E-10
219	SG_219	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6365.900	3.01E-09	5.85E-09	2.45E-08	3.10E-10	1.61E-12	2.30E-07	9.47E-10	2.96E-10	5.78E-18	1.54E-10	4.11E-13	2.95E-13	4.50E-12	2.81E-12	1.68E-11	2.66E-13	6.05E-12	8.27E-10	7.65E-11	9.85E-10
220	SG_220	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6365.900	3.28E-09	6.07E-09	2.52E-08	3.39E-10	1.69E-12	2.52E-07	9.97E-10	3.11E-10	6.08E-18	1.62E-10	4.33E-13	3.10E-13	4.73E-12	2.96E-12	1.76E-11	2.80E-13	6.36E-12	8.70E-10	8.04E-11	1.04E-09
221	SG_221	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.900	3.50E-09	5.98E-09	2.47E-08	3.47E-10	1.71E-12	2.69E-07	1.01E-09	3.14E-10	6.15E-18	1.64E-10	4.38E-13	3.14E-13	4.79E-12	2.99E-12	1.78E-11	2.83E-13	6.43E-12	8.80E-10	8.14E-11	1.05E-09
222	SG_222	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.900	3.66E-09	5.95E-09	2.50E-08	3.39E-10	1.73E-12	2.96E-07	1.02E-09	3.18E-10	6.22E-18	1.65E-10	4.43E-13	3.18E-13	4.84E-12	3.03E-12	1.80E-11	2.86E-13	6.51E-12	8.90E-10	8.23E-11	1.06E-09
223	SG_223	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.900	3.32E-09	5.50E-09	2.34E-08	2.93E-10	1.59E-12	2.75E-07	9.39E-10	2.93E-10	5.73E-18	1.52E-10	4.08E-13	2.92E-13	4.46E-12	2.79E-12	1.66E-11	2.64E-13	5.99E-12	8.20E-10	7.58E-11	9.77E-10
224	SG_224	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.900	3.20E-09	5.45E-09	2.35E-08	2.75E-10	1.57E-12	2.78E-07	9.23E-10	2.88E-10	5.63E-18	1.50E-10	4.01E-13	2.87E-13	4.38E-12	2.74E-12	1.63E-11	2.59E-13	5.89E-12	8.06E-10	7.45E-11	9.60E-10
225	SG_225	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.900	3.04E-09	5.27E-09	2.25E-08	2.56E-10	1.51E-12	2.61E-07	8.91E-10	2.78E-10	5.44E-18	1.45E-10	3.87E-13	2.77E-13	4.23E-12	2.64E-12	1.58E-11	2.50E-13	5.69E-12	7.78E-10	7.19E-11	9.27E-10
226	SG_226	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.900	2.90E-09	5.11E-09	2.16E-08	2.42E-10	1.47E-12	2.47E-07	8.65E-10	2.70E-10	5.28E-18	1.40E-10	3.75E-13	2.68E-13	4.11E-12	2.56E-12	1.53E-11	2.43E-13	5.52E-12	7.54E-10	6.98E-11	8.99E-10
227	SG_227	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.900	2.74E-09	4.87E-09	2.04E-08	2.26E-10	1.40E-12	2.31E-07	8.25E-10	2.57E-10	5.04E-18	1.34E-10	3.58E-13	2.56E-13	3.92E-12	2.45E-12	1.46E-11	2.32E-13	5.27E-12	7.20E-10	6.66E-11	8.58E-10
228	SG_228	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.900	2.59E-09	4.63E-09	1.92E-08	2.09E-10	1.33E-12	2.15E-07	7.86E-10	2.45E-10	4.80E-18	1.27E-10	3.41E-13	2.43E-13	3.73E-12	2.33E-12	1.39E-11	2.21E-13	5.02E-12	6.86E-10	6.34E-11	8.17E-10
229	SG_229	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.900	2.49E-09	4.48E-09	1.84E-08	1.95E-10	1.29E-12	2.01E-07	7.61E-10	2.38E-10	4.65E-18	1.24E-10	3.29E-13	2.35E-13	3.62E-12	2.26E-12	1.35E-11	2.14E-13	4.86E-12	6.64E-10	6.15E-11	7.92E-10
230	SG_230	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.900	2.49E-09	4.50E-09	1.82E-08	1.88E-10	1.30E-12	1.91E-07	7.67E-10	2.39E-10	4.68E-18	1.24E-10	3.31E-13	2.35E-13	3.64E-12	2.27E-12	1.36E-11	2.15E-13	4.90E-12	6.70E-10	6.19E-11	7.98E-10
231	SG_231	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.900	2.58E-09	4.66E-09	1.83E-08	1.86E-10	1.36E-12	1.81E-07	8.02E-10	2.50E-10	4.90E-18	1.30E-10	3.46E-13	2.44E-13	3.81E-12	2.37E-12	1.42E-11	2.25E-13	5.12E-12	7.00E-10	6.48E-11	8.34E-10
232	SG_232	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.900	2.81E-09	5.02E-09	1.96E-08	1.92E-10	1.47E-12	1.86E-07	8.71E-10	2.72E-10	5.32E-18	1.41E-10	3.74E-13	2.63E-13	4.13E-12	2.57E-12	1.54E-11	2.44E-13	5.57E-12	7.60E-10	7.03E-11	9.06E-10
233	SG_233	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6365.900	3.25E-09	5.69E-09	2.25E-08	2.18E-10	1.68E-12	2.13E-07	9.92E-10	3.10E-10	6.06E-18	1.61E-10	4.26E-13	2.99E-13	4.71E-12	2.93E-12	1.76E-11	2.78E-13	6.34E-12	8.66E-10	8.01E-11	1.03E-09
234	SG_234	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.900	3.99E-09	6.75E-09	2.70E-08	2.67E-10	2.00E-12	2.63E-07	1.18E-09	3.69E-10	7.22E-18	1.92E-10	5.07E-13	3.55E-13	5.61E-12	3.49E-12	2.09E-11	3.31E-13	7.56E-12	1.03E-09	9.55E-11	1.23E-09
235	SG_235	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6365.900	4.71E-09	7.60E-09	3.07E-08	3.14E-10	2.27E-12	3.08E-07	1.35E-09	4.20E-10	8.22E-18	2.18E-10	5.77E-13	4.03E-13	6.39E-12	3.98E-12	2.38E-11	3.77E-13	8.61E-12	1.18E-09	1.09E-10	1.40E-09
236	SG_236	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.900	5.49E-09	8.23E-09	3.35E-08	3.66E-10	2.51E-12	3.52E-07	1.49E-09	4.65E-10	9.09E-18	2.41E-10	6.37E-13	4.44E-13	7.07E-12	4.40E-12	2.64E-11	4.17E-13	9.53E-12	1.30E-09	1.20E-10	1.55E-09
237	SG_237	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.900	6.64E-09	8.83E-09	3.63E-08	4.38E-10	2.81E-12	4.06E-07	1.66E-09	5.19E-10	1.02E-17	2.70E-10	7.11E-13	4.94E-13	7.89E-12	4.91E-12	2.94E-11	4.66E-13	1.06E-11	1.45E-09	1.34E-10	1.73E-09
238	SG_238	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.900	8.06E-09	9.70E-09	4.03E-08	5.39E-10	3.20E-12	4.72E-07	1.89E-09	5.91E-10	1.16E-17	3.07E-10	8.09E-13	5.63E-13	8.99E-12	5.59E-12	3.35E-11	5.30E-13	1.21E-11	1.65E-09	1.53E-10	1.97E-09
239	SG_239	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.900	9.54E-09	1.14E-08	4.80E-08	6.69E-10	3.75E-12	5.57E-07	2.22E-09	6.93E-10	1.36E-17	3.60E-10	9.50E-13	6.61E-13	1.05E-11	6.55E-12	3.93E-11	6.22E-13	1.42E-11	1.94E-09	1.79E-10	2.31E-09
240	SG_240	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.900	9.93E-09	1.29E-08	5.43E-08	7.51E-10	4.09E-12	5.69E-07	2.42E-09	7.56E-10	1.48E-17	3.92E-10	1.04E-12	7.22E-13	1.15E-11	7.15E-12	4.29E-11	6.78E-13	1.55E-11	2.11E-09	1.96E-10	2.52E-09
241	SG_241	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.900	1.04E-08	1.58E-08	6.69E-08	8.84E-10	4.70E-12	6.11E-07	2.79E-09	8.69E-10	1.70E-17	4.51E-10	1.19E-12	8.31E-13	1.32E-11	8.22E-12	4.93E-11	7.80E-13	1.78E-11	2.43E-09	2.25E-10	2.90E-09
242	SG_242	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6365.900	1.08E-08	1.92E-08	8.10E-08	1.04E-09	5.40E-12	6.50E-07	3.20E-09	9.98E-10	1.95E-17	5.18E-10	1.37E-12	9.55E-13	1.52E-11	9.44E-12	5.66E-11	8.96E-13	2.05E-11	2.79E-09	2.58E-10	3.33E-09
243	SG_243	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6365.900	1.07E-08	2.06E-08	8.59E-08	1.12E-09	5.64E-12	6.27E-07	3.34E-09	1.04E-09	2.04E-17	5.41E-10	1.43E-12	9.97E-13	1.59E-11	9.86E-12	5.91E-11	9.35E-13	2.14E-11	2.92E-09	2.70E-10	3.47E-09
244	SG_244	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.900	1.07E-08	2.11E-08	8.76E-08	1.17E-09	5.73E-12	6.13E-07	3.39E-09	1.06E-09	2.07E-17	5.50E-10	1.45E-12	1.01E-12	1.61E-11	1.00E-11	6.00E-11	9.50E-13	2.17E-11	2.96E-09	2.74E-10	3.53E-09
245	SG_245	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.900	1.01E-08	2.01E-08	8.31E-08	1.15E-09	5.45E-12	5.67E-07	3.23E-09	1.01E-09	1.97E-17	5.23E-10	1.38E-12	9.63E-13	1.53E-11	9.53E-12	5.71E-11	9.04E-13	2.06E-11	2.82E-09	2.61E-10	3.36E-09
246	SG_246	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.900	9.66E-09	1.93E-08	7.97E-08	1.13E-09	5.23E-12	5.39E-07	3.10E-09	9.66E-10	1.89E-17	5.02E-10	1.33E-12	9.24E-13	1.47E-11	9.14E-12	5.48E-11	8.67E-13	1.98E-11	2.70E-09	2.50E-10	3.22E-09
247	SG_247	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.900	9.42E-09	1.89E-08	7.82E-08	1.13E-09	5.10E-12	5.25E-07	3.02E-09	9.43E-10	1.84E-17	4.90E-10	1.29E-12	9.01E-13	1.43E-11	8.92E-12	5.35E-11	8.46E-13	1.93E-11	2.64E-09	2.44E-10	3.14E-09
248	SG_248	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.900	8.94E-09	1.80E-08	7.42E-08	1.09E-09	4.84E-12	4.94E-07	2.87E-09	8.95E-10	1.75E-17	4.65E-10	1.23E-12	8.55E-13	1.36E-11	8.46E-12	5.08E-11	8.03E-13	1.83E-11	2.50E-09	2.32E-10	2.98E-09
249	SG_249	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.100	2.88E-09	5.66E-09	2.38E-08	3.05E-10	1.55E-12	2.29E-07	9.15E-10	2.85E-10	5.58E-18	1.48E-10	3.96E-13	2.83E-13	4.34E-12	2.71E-12	1.62E-11	2.57E-13	5.84E-12	7.98E-10	7.38E-11	9.51E-10

AQIA DATA - SCENARIO 1 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
250	SG_250	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.100	3.12E-09	6.04E-09	2.50E-08	3.46E-10	1.66E-12	2.46E-07	9.79E-10	3.06E-10	5.98E-18	1.59E-10	4.25E-13	3.04E-13	4.65E-12	2.90E-12	1.73E-11	2.75E-13	6.25E-12	8.55E-10	7.91E-11	1.02E-09
251	SG_251	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.100	3.50E-09	6.52E-09	2.64E-08	4.03E-10	1.81E-12	2.78E-07	1.07E-09	3.33E-10	6.51E-18	1.73E-10	4.63E-13	3.31E-13	5.07E-12	3.16E-12	1.89E-11	2.99E-13	6.81E-12	9.31E-10	8.61E-11	1.11E-09
252	SG_252	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.100	3.85E-09	6.62E-09	2.67E-08	4.25E-10	1.89E-12	3.03E-07	1.11E-09	3.46E-10	6.78E-18	1.80E-10	4.82E-13	3.46E-13	5.27E-12	3.29E-12	1.97E-11	3.12E-13	7.09E-12	9.69E-10	8.96E-11	1.15E-09
253	SG_253	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.100	4.18E-09	6.56E-09	2.70E-08	4.08E-10	1.93E-12	3.33E-07	1.14E-09	3.54E-10	6.93E-18	1.84E-10	4.93E-13	3.54E-13	5.39E-12	3.37E-12	2.01E-11	3.19E-13	7.25E-12	9.91E-10	9.17E-11	1.18E-09
254	SG_254	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.100	4.30E-09	6.35E-09	2.69E-08	3.68E-10	1.91E-12	3.49E-07	1.13E-09	3.51E-10	6.87E-18	1.83E-10	4.89E-13	3.50E-13	5.35E-12	3.34E-12	1.99E-11	3.16E-13	7.18E-12	9.82E-10	9.08E-11	1.17E-09
255	SG_255	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.100	4.25E-09	6.15E-09	2.63E-08	3.39E-10	1.87E-12	3.49E-07	1.10E-09	3.44E-10	6.73E-18	1.79E-10	4.78E-13	3.43E-13	5.23E-12	3.27E-12	1.95E-11	3.09E-13	7.03E-12	9.62E-10	8.89E-11	1.15E-09
256	SG_256	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.100	4.08E-09	5.97E-09	2.54E-08	3.17E-10	1.82E-12	3.36E-07	1.07E-09	3.34E-10	6.53E-18	1.74E-10	4.64E-13	3.32E-13	5.08E-12	3.17E-12	1.89E-11	3.00E-13	6.83E-12	9.34E-10	8.64E-11	1.11E-09
257	SG_257	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.100	3.86E-09	5.82E-09	2.45E-08	3.00E-10	1.76E-12	3.24E-07	1.04E-09	3.23E-10	6.33E-18	1.68E-10	4.50E-13	3.22E-13	4.93E-12	3.08E-12	1.84E-11	2.91E-13	6.62E-12	9.05E-10	8.37E-11	1.08E-09
258	SG_258	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.100	3.56E-09	5.50E-09	2.29E-08	2.77E-10	1.66E-12	3.02E-07	9.77E-10	3.05E-10	5.96E-18	1.58E-10	4.24E-13	3.03E-13	4.64E-12	2.90E-12	1.73E-11	2.74E-13	6.23E-12	8.52E-10	7.88E-11	1.02E-09
259	SG_259	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.100	3.29E-09	5.18E-09	2.14E-08	2.54E-10	1.56E-12	2.80E-07	9.18E-10	2.86E-10	5.60E-18	1.49E-10	3.98E-13	2.84E-13	4.36E-12	2.72E-12	1.62E-11	2.58E-13	5.86E-12	8.01E-10	7.41E-11	9.54E-10
260	SG_260	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.100	3.06E-09	4.93E-09	2.01E-08	2.31E-10	1.48E-12	2.54E-07	8.70E-10	2.71E-10	5.31E-18	1.41E-10	3.77E-13	2.68E-13	4.13E-12	2.58E-12	1.54E-11	2.44E-13	5.55E-12	7.59E-10	7.02E-11	9.05E-10
261	SG_261	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.100	2.97E-09	4.85E-09	1.95E-08	2.17E-10	1.45E-12	2.39E-07	8.56E-10	2.67E-10	5.22E-18	1.39E-10	3.70E-13	2.62E-13	4.06E-12	2.53E-12	1.51E-11	2.40E-13	5.47E-12	7.47E-10	6.91E-11	8.90E-10
262	SG_262	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.100	3.00E-09	5.00E-09	1.97E-08	2.14E-10	1.49E-12	2.28E-07	8.81E-10	2.75E-10	5.38E-18	1.43E-10	3.80E-13	2.68E-13	4.18E-12	2.61E-12	1.56E-11	2.47E-13	5.63E-12	7.69E-10	7.12E-11	9.17E-10
263	SG_263	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6366.100	3.16E-09	5.28E-09	2.07E-08	2.16E-10	1.58E-12	2.30E-07	9.34E-10	2.92E-10	5.70E-18	1.51E-10	4.02E-13	2.82E-13	4.44E-12	2.76E-12	1.65E-11	2.62E-13	5.97E-12	8.15E-10	7.55E-11	9.72E-10
264	SG_264	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6366.100	3.75E-09	5.96E-09	2.37E-08	2.49E-10	1.81E-12	2.72E-07	1.07E-09	3.33E-10	6.52E-18	1.73E-10	4.59E-13	3.21E-13	5.07E-12	3.16E-12	1.89E-11	2.99E-13	6.83E-12	9.33E-10	8.63E-11	1.11E-09
265	SG_265	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.100	4.97E-09	7.25E-09	2.95E-08	3.26E-10	2.25E-12	3.70E-07	1.33E-09	4.15E-10	8.12E-18	2.16E-10	5.70E-13	3.98E-13	6.31E-12	3.93E-12	2.35E-11	3.73E-13	8.50E-12	1.16E-09	1.07E-10	1.38E-09
266	SG_266	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.100	5.71E-09	7.65E-09	3.10E-08	3.69E-10	2.44E-12	4.04E-07	1.45E-09	4.52E-10	8.84E-18	2.35E-10	6.20E-13	4.32E-13	6.87E-12	4.27E-12	2.56E-11	4.06E-13	9.26E-12	1.26E-09	1.17E-10	1.51E-09
267	SG_267	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.100	6.71E-09	8.14E-09	3.31E-08	4.34E-10	2.70E-12	4.44E-07	1.60E-09	4.99E-10	9.75E-18	2.59E-10	6.83E-13	4.76E-13	7.58E-12	4.71E-12	2.83E-11	4.47E-13	1.02E-11	1.39E-09	1.29E-10	1.66E-09
268	SG_268	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.100	8.28E-09	9.26E-09	3.79E-08	5.65E-10	3.15E-12	5.16E-07	1.87E-09	5.83E-10	1.14E-17	3.03E-10	7.98E-13	5.55E-13	8.86E-12	5.51E-12	3.31E-11	5.23E-13	1.19E-11	1.63E-09	1.51E-10	1.94E-09
269	SG_269	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.100	9.89E-09	1.14E-08	4.73E-08	7.69E-10	3.81E-12	6.10E-07	2.26E-09	7.05E-10	1.38E-17	3.66E-10	9.66E-13	6.72E-13	1.07E-11	6.66E-12	4.00E-11	6.32E-13	1.44E-11	1.97E-09	1.82E-10	2.35E-09
270	SG_270	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6366.100	1.11E-08	1.45E-08	6.06E-08	9.82E-10	4.57E-12	7.05E-07	2.71E-09	8.46E-10	1.65E-17	4.39E-10	1.16E-12	8.07E-13	1.29E-11	8.00E-12	4.80E-11	7.59E-13	1.73E-11	2.36E-09	2.19E-10	2.82E-09
271	SG_271	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6366.100	1.17E-08	1.77E-08	7.46E-08	1.15E-09	5.28E-12	7.70E-07	3.13E-09	9.76E-10	1.91E-17	5.07E-10	1.34E-12	9.32E-13	1.48E-11	9.23E-12	5.53E-11	8.75E-13	2.00E-11	2.73E-09	2.53E-10	3.25E-09
272	SG_272	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.100	1.20E-08	2.08E-08	8.73E-08	1.27E-09	5.89E-12	7.92E-07	3.49E-09	1.09E-09	2.13E-17	5.65E-10	1.49E-12	1.04E-12	1.66E-11	1.03E-11	6.18E-11	9.77E-13	2.23E-11	3.05E-09	2.82E-10	3.63E-09
273	SG_273	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.100	1.21E-08	2.29E-08	9.53E-08	1.35E-09	6.29E-12	7.72E-07	3.73E-09	1.16E-09	2.27E-17	6.04E-10	1.59E-12	1.11E-12	1.77E-11	1.10E-11	6.60E-11	1.04E-12	2.38E-11	3.25E-09	3.01E-10	3.87E-09
274	SG_274	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.100	1.17E-08	2.30E-08	9.49E-08	1.35E-09	6.26E-12	7.13E-07	3.71E-09	1.16E-09	2.26E-17	6.01E-10	1.59E-12	1.11E-12	1.76E-11	1.09E-11	6.57E-11	1.04E-12	2.37E-11	3.24E-09	3.00E-10	3.86E-09
275	SG_275	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.100	1.16E-08	2.31E-08	9.52E-08	1.36E-09	6.26E-12	6.91E-07	3.71E-09	1.16E-09	2.27E-17	6.01E-10	1.59E-12	1.11E-12	1.76E-11	1.10E-11	6.57E-11	1.04E-12	2.37E-11	3.24E-09	3.00E-10	3.86E-09
276	SG_276	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.100	1.09E-08	2.18E-08	8.96E-08	1.31E-09	5.91E-12	6.37E-07	3.50E-09	1.09E-09	2.14E-17	5.67E-10	1.50E-12	1.04E-12	1.66E-11	1.03E-11	6.20E-11	9.80E-13	2.24E-11	3.05E-09	2.83E-10	3.64E-09
277	SG_277	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.100	1.05E-08	2.10E-08	8.63E-08	1.28E-09	5.68E-12	6.07E-07	3.36E-09	1.05E-09	2.05E-17	5.45E-10	1.44E-12	1.00E-12	1.60E-11	9.93E-12	5.96E-11	9.42E-13	2.15E-11	2.94E-09	2.72E-10	3.50E-09
278	SG_278	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.100	9.92E-09	1.99E-08	8.18E-08	1.23E-09	5.37E-12	5.70E-07	3.18E-09	9.94E-10	1.94E-17	5.16E-10	1.36E-12	9.49E-13	1.51E-11	9.40E-12	5.64E-11	8.91E-13	2.04E-11	2.78E-09	2.57E-10	3.31E-09
279	SG_279	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6366.100	9.47E-09	1.90E-08	7.84E-08	1.19E-09	5.13E-12	5.41E-07	3.04E-09	9.48E-10	1.86E-17	4.92E-10	1.30E-12	9.06E-13	1.44E-11	8.97E-12	5.38E-11	8.51E-13	1.94E-11	2.65E-09	2.45E-10	3.16E-09
280	SG_280	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.300	2.86E-09	5.57E-09	2.31E-08	3.22E-10	1.53E-12	2.40E-07	9.04E-10	2.82E-10	5.52E-18	1.47E-10	3.91E-13	2.79E-13	4.29E-12	2.68E-12	1.60E-11	2.54E-13	5.77E-12	7.89E-10	7.30E-11	9.40E-10
281	SG_281	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.300	3.13E-09	5.98E-09	2.43E-08	3.77E-10	1.65E-12	2.58E-07	9.75E-10	3.04E-10	5.95E-18	1.58E-10	4.22E-13	3.01E-13	4.63E-12	2.89E-12	1.73E-11	2.74E-13	6.22E-12	8.51E-10	7.87E-11	1.01E-09
282	SG_282	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.300	3.56E-09	6.48E-09	2.57E-08	4.50E-10	1.81E-12	2.89E-07	1.07E-09	3.33E-10	6.52E-18	1.73E-10	4.63E-13	3.31E-13	5.07E-12	3.17E-12	1.89E-11	3.00E-13	6.82E-12	9.32E-10	8.62E-11	1.11E-09
283	SG_283	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.300	4.14E-09	6.71E-09	2.64E-08	4.90E-10	1.95E-12	3.25E-07	1.15E-09	3.58E-10	7.01E-18	1.86E-10	4.98E-13	3.57E-13	5.45E-12	3.41E-12	2.03E-11	3.22E-13	7.33E-12	1.00E-09	9.27E-11	1.19E-09
284	SG_284	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.300	5.00E-09	6.51E-09	2.61E-08	4.71E-10	2.05E-12	3.69E-07	1.21E-09	3.77E-10	7.39E-18	1.96E-10	5.25E-13	3.76E-13	5.75E-12	3.59E-12	2.14E-11	3.40E-13	7.72E-12	1.06E-09	9.77E-11	1.26E-09
285	SG_285	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.300	5.83E-09	6.03E-09	2.50E-08	4.30E-10	2.11E-12	4.07E-07	1.24E-09	3.87E-10	7.58E-18	2.01E-10	5.39E-13	3.86E-13	5.90E-12	3.68E-12	2.20E-11	3.48E-13	7.92E-12	1.08E-09	1.00E-10	1.29E-09
286	SG_286	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.300	6.22E-09	5.86E-09	2.46E-08	4.08E-10	2.15E-12	4.29E-07	1.27E-09	3.95E-10	7.72E-18	2.05E-10	5.49E-13	3.93E-13	6.01E-12	3.75E-12	2.24E-11	3.55E-13	8.07E-12	1.10E-09	1.02E-10	1.32E-09
287	SG_287	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.300	6.13E-09	6.00E-09	2.51E-08	4.00E-10	2.17E-12	4.40E-07	1.28E-09	3.99E-10	7.80E-18	2.07E-10	5.55E-13	3.97E-13	6.07E-12	3.79E-12	2.26E-11	3.59E-13	8.16E-12	1.12E-09	1.03E-10	1.33E-09
288	SG_288	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.300	5.57E-09	5.99E-09	2.47E-08	3.76E-10	2.09E-12	4.24E-07	1.23E-09	3.84E-10	7.51E-18	2.00E-10	5.34E-13	3.81E-13	5.84E-12	3.65E-12	2.18E-11	3.45E-13	7.85E-12	1.07E-09	9.93E-11	1.28E-09
289	SG_289	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.300	4.97E-09	5.86E-09	2.39E-08	3.48E-10	1.97E-12	4.01E-07	1.16E-09	3.63E-10	7.09E-18	1.89E-10	5.04E-13	3.60E-13	5.52E-12	3.45E-12	2.06E-11	3.26E-13	7.42E-12	1.01E-09	9.38E-11	1.21E-09
290	SG_290	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.300	4.45E-09	5.59E-09	2.25E-08	3.16E-10	1.84E-12	3.67E-07	1.08E-09	3.38E-10	6.61E-18	1.76E-10	4.69E-13	3.35E-13	5.15E-12	3.21E-12	1.92E-11	3.04E-13	6.92E-12	9.45E-10	8.75E-11	1.13E-09
291	SG_291	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.300	4.06E-09	5.33E-09	2.13E-08	2.86E-10	1.73E-12	3.33E-07	1.02E-09	3.18E-10	6.22E-18	1.65E-10	4.41E-13	3.14E-13	4.84E-12	3.02E-12	1.80E-11	2.86E-13	6.50E-12	8.89E-10	8.22E-11	1.06E-09
292	SG_292	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.300	3.91E-09	5.19E-09	2.06E-08	2.66E-10	1.68E-12	3.15E-07	9.89E-10	3.09E-10	6.04E-18	1.60E-10	4.28E-13	3.04E-13	4.70E-12	2.93E-12	1.75E-11	2.78E-13	6.32E-12	8.63E-10	7.99E-11	1.03E-09
293	SG_293	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.300	3.63E-09	5.13E-09	2.00E-08	2.47E-10	1.62E-12	2.85E-07	9.59E-10	2.99E-10	5.86E-18	1.56E-10	4.14E-13	2.92E-13	4.55E-12	2.84E-12	1.70E-11	2.69E-13	6.13E-12	8.37E-10	7.75E-11	9.98E-10
294	SG_294	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6366.300	3.63E-09	5.32E-09	2.07E-08	2.44E-10	1.67E-12	2.85E-07	9.85E-10	3.07E-10	6.01E-18	1.60E-10	4.23E-13	2.98E-13	4.67E-12	2.91E-12	1.74E-11	2.76E-13	6.29E-12	8.59E-10	7.95E-11	1.02E-09
295	SG_295	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6366.300	4.19E-09	5.97E-09	2.36E-08	2.79E-10	1.88E-12	3.28E-07	1.11E-09	3.47E-10	6.79E-18	1.80E-10	4.77E-13	3.35E-13	5.28E-12	3.29E-12	1.97E-11	3.12E-13	7.11E-12	9.71E-10	8.98E-11	1.16E-09
296	SG_296	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.300	5.23E-09	7.28E-09	2.92E-08	3.53E-10	2.29E-12	4.11E-07	1.36E-09	4.24E-10	8.29E-18	2.20E-10	5.82E-13	4.07E-13	6.45E-12	4.01E-12	2.40E-11	3.80E-13	8.69E-12	1.19E-09	1.10E-10	1.41E-09
297	SG_297	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.300	6.38E-09	8.82E-09	3.58E-08	4.51E-10	2.77E-12	4.95E-07	1.64E-09	5.12E-10	1.00E-17	2.66E-10	7.02E-13	4.89E-13	7.79E-12	4.84E-12	2.91E-11	4.60E-13	1.05E-11	1.43E-09	1.33E-10	1.71E-09
298	SG_298	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.300	8.25E-09	1.09E-08	4.48E-08	6.35E-10	3.47E-12	6.05E-07	2.05E-09	6.41E-10	1.25E-17	3.33E-10	8.78E-13	6.11E-13	9.75E-12	6.06E-12	3.64E-11	5.75E-13	1.31E-11	1.79E-09	1.66E-10	2.14E-09
299	SG_299	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.300	1.07E-08	1.47E-08	6.05E-08	1.00E-09	4.54E-12	7.64E-07	2.69E-09	8.40E-10	1.64E-17	4.36E-10	1.15E-12	8.01E-13	1.28E-11	7.95E-12	4.77E-11	7.54E-13	1.72E-11	2.35E-09	2.18E-10	2.80E-09
300	SG_300	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.300	1.24E-08	1.91E-08	7.84E-08	1.47E-09	5.63E-12	9.11E-07	3.34E-09	1.04E-09	2.04E-17	5.41E-10	1.43E-12	9.93E-13	1.58E-11	9.84E-12	5.91E-11	9.34E-13	2.13E-11	2.91E-09	2.69E-10	3.47E-09
301	SG_301	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.300	1.33E-08	2.27E-08	9.31E-08	1.80E-09	6.43E-12	1.01E-06	3.81E-09	1.19E-09	2.33E-17	6.17E-10	1.63E-12	1.14E-12	1.81E-11	1.12E-11	6.74E-11	1.07E-12	2.44E-11	3.32E-09	3.08E-10	3.96E-09
302	SG_302	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.300	1.33E-08	2.43E-08	1.00E-07	1.87E-09	6.73E-12	1.01E-06	3.99E-09	1.24E-09	2.43E-17	6.46E-10	1.71E-12	1.19E-12	1.89E-11	1.18E-11	7.06E-11	1.12E-12	2.55E-11	3.48E-09	3.22E-10	4.15E-09
303	SG_303	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.300	1.32E-08	2.53E-08	1.05E-07	1.81E-09	6.92E-12	9.63E-07	4.10E-09	1.28E-09	2.50E-17	6.65E-10	1.76E-12	1.22E-12	1.95E-11	1.21E-11	7.26E-11	1.15E-12	2.62E-11	3.58E-09	3.31E-10	4.27E-09
304	SG_304	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.300	1.32E-08	2.60E-08	1.07E-07	1.73E-09	7.06E-12	9.04E-07	4.18E-09	1.30E-09	2.55E-17	6.78E-10	1.79E-12	1.25E-12	1.98E-11	1.23E-11	7.40E-11	1.17E-12	2.67E-11	3.65E-09	3.38E-10	4.35E-09
305	SG_305	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.300	1.31E-08	2.61E-08	1.07E-07	1.65E-09	7.05E-12	8.45E-07	4.18E-09	1.30E-09	2.55E-17	6.77E-10	1.79E-12	1.25E-12	1.98E-11	1.23E-11	7.39E-11	1.17E-12	2.67E-11	3.64E-09	3.37E-10	4.34E-09
306	SG_306	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.300	1.24E-08	2.48E-08	1.02E-07	1.55E-09	6.72E-12	7.67E-07	3.98E-09	1.24E-09	2.43E-17	6.45E-10	1.70E-12	1.19E-12	1.89E-11	1.17E-11	7.05E-11	1.11E-12	2.55E-11	3.47E-09	3.22E-10	4.14E-09
307	SG_307	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.300	1.18E-08	2.37E-08	9.68E-08	1.47E-09	6.40E-12	7.13E-07	3.79E-09	1.18E-09	2.31E-17	6.14E-10	1.62E-12	1.13E-12	1.80E-11	1.12E-11	6.71E-11	1.06E-12	2.42E-11	3.31E-09	3.06E-10	3.94E-09
308	SG_308	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.300	1.14E-08	2.28E-08	9.35E-08	1.42E-09	6.15E-12	6.79E-07	3.65E-09	1.14E-09	2.23E-17	5.91E-10	1.56E-12	1.09E-12	1.73E-11	1.08E-11	6.45E-11	1.02E-12	2.33E-11	3.18E-09	2.94E-10	3.79E-09
309	SG_309	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.300	1.06E-08	2.13E-08	8.73E-08	1.33E-09	5.74E-12	6.27E-07	3.40E-09	1.06E-09	2.07E-17	5.51E-10	1.45E-12	1.01E-12	1.61E-11	1.00E-11	6.02E-11	9.51E-13	2.17E-11	2.97E-09	2.74E-10	3.53E-09
310	SG_310	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.300	9.91E-09	2.00E-08	8.19E-08	1.25E-09	5.37E-12	5.82E-07	3.18E-09	9.93E-10	1.94E-17	5.15E-10	1.36E-12	9.49E-13	1.51E-11	9.39E-12	5.63E-11	8.91E-13	2.03E-11	2.78E-09	2.57E-10	3.31E-09
311	SG_311	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.500	2.73E-09	5.18E-09	2.12E-08	3.23E-10	1.44E-12	2.35E-07	8.51E-10	2.65E-10	5.19E-18	1.38E-10	3.68E-13	2.61E-13	4.04E-12	2.52E-12	1.51E-11	2.39E-13	5.43E-12	7.43E-10	6.87E-11	8.85E-10
312	SG_312	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.500	2.96E-09	5.45E-09	2.17E-08	3.78E-10	1.53E-12	2.44E-07	9.02E-10	2.81E-10	5.50E-18	1.46E-10	3.90E-13	2.77E-13	4.28E-12	2.67E-12	1.60E-11	2.53E-13	5.76E-12	7.87E-10	7.28E-11	9.38E-10
313	SG_313	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.500	3.53E-09	6.12E-09	2.38E-08	4.73E-10	1.74E-12	2.95E-07	1.03E-09	3.20E-10	6.27E-18	1.67E-10	4.45E-13	3.17E-13	4.88E-12	3.04E-12	1.82E-11	2.88E-13	6.56E-12	8.96E-10	8.29E-11	1.07E-09
314	SG_314	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.500	4.39E-09	6.35E-09	2.45E-08	5.26E-10	1.92E-12	3.43E-07	1.13E-09	3.54E-10	6.92E-18	1.84E-10	4.92E-13	3.51E-13	5.39E-12	3.36E-12	2.01E-11	3.18E-13	7.24E-12	9.90E-10	9.16E-11	1.18E-09
315	SG_315	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.500	5.73E-09	5.78E-09	2.25E-08	5.06E-10	2.04E-12	3.89E-07	1.21E-09	3.76E-10	7.36E-18	1.96E-10	5.23E-13	3.73E-13	5.72E-12	3.57E-12	2.13E-11	3.38E-13	7.69E-12	1.05E-09	9.73E-11	1.25E-09
316	SG_316	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.500	7.28E-09	4.99E-09	1.98E-08	4.70E-10	2.16E-12	4.40E-07	1.27E-09	3.97E-10	7.77E-18	2.07E-10	5.52E-13	3.95E-13	6.05E-12	3.78E-12	2.25E-11	3.58E-13	8.13E-12	1.11E-09	1.03E-10	1.32E-09
317	SG_317	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.500	8.11E-09	5.07E-09	2.04E-08	4.68E-10	2.32E-12	4.85E-07	1.37E-09	4.27E-10	8.36E-18	2.22E-10	5.94E-13	4.25E-13	6.50E-12	4.06E-12	2.42E-11	3.84E-13	8.74E-12	1.19E-09	1.11E-10	1.42E-09
318	SG_318	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.500	7.97E-09	6.13E-09	2.48E-08	4.84E-10	2.51E-12	5.23E-07	1.48E-09	4.61E-10	9.02E-18	2.40E-10	6.41E-13	4.59E-13	7.02E-12	4.38E-12	2.62E-11	4.15E-13	9.44E-12	1.29E-09	1.19E-10	1.54E-09
319	SG_319	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.500	7.52E-09	7.49E-09	3.06E-08	5.08E-10	2.70E-12	5.69E-07	1.59E-09	4.97E-10	9.72E-18	2.58E-10	6.91E-13	4.94E-13	7.56E-12	4.72E-12	2.82E-11	4.47E-13	1.02E-11	1.39E-09	1.29E-10	1.66E-09
320	SG_320	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.500	7.26E-09	8.54E-09	3.50E-08	5.30E-10	2.86E-12	6.28E-07	1.69E-09	5.27E-10	1.03E-17	2.74E-10	7.32E-13	5.24E-13	8.02E-12	5.01E-12	2.99E-11	4.74E-13	1.08E-11	1.47E-09	1.36E-10	1.76E-09
321	SG_321	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.500	6.71E-09	8.60E-09	3.51E-08	5.05E-10	2.79E-12	6.22E-07	1.64E-09	5.13E-10	1.00E-17	2.67E-10	7.13E-13	5.09E-13	7.81E-12	4.87E-12	2.91E-11	4.61E-13	1.05E-11	1.43E-09	1.33E-10	1.71E-09
322	SG_322	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.500	5.89E-09	7.90E-09	3.17E-08	4.39E-10	2.53E-12	5.37E-07	1.49E-09	4.65E-10	9.09E-18	2.42E-10	6.45E-13	4.60E-13	7.07E-12	4.42E-12	2.64E-11	4.18E-13	9.51E-12	1.30E-09	1.20E-10	1.55E-09
323	SG_323	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.500	5.14E-09	7.07E-09	2.78E-08	3.72E-10	2.25E-12	4.40E-07	1.33E-09	4.14E-10	8.10E-18	2.15E-10	5.74E-13	4.08E-13	6.30E-12	3.93E-12	2.35E-11	3.72E-13	8.47E-12	1.16E-09	1.07E-10	1.38E-09
324	SG_324	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.500	4.56E-09	6.51E-09	2.53E-08	3.25E-10	2.05E-12	3.81E-07	1.21E-09	3.77E-10	7.38E-18	1.96E-10	5.22E-13	3.69E-13	5.74E-12	3.58E-12	2.14E-11	3.39E-13	7.72E-12	1.05E-09	9.76E-11	1.26E-09
325	SG_325	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6366.500	4.30E-09	6.32E-09	2.44E-08	3.07E-10	1.97E-12	3.59E-07	1.16E-09	3.63E-10	7.11E-18	1.89E-10	5.01E-13	3.53E-13	5.53E-12	3.44E-12	2.06E-11	3.26E-13	7.44E-12	1.02E-09	9.40E-11	1.21E-09
326	SG_326	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6366.500	5.26E-09	7.99E-09	3.17E-08	3.82E-10	2.44E-12	4.55E-07	1.44E-09	4.50E-10	8.80E-18	2.34E-10	6.19E-13	4.33E-13	6.84E-12	4.26E-12	2.55E-11	4.04E-13	9.22E-12	1.26E-09	1.16E-10	1.50E-09
327	SG_327	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6366.500	6.96E-09	1.16E-08	4.74E-08	5.45E-10	3.38E-12	6.33E-07	2.00E-09	6.25E-10	1.22E-17	3.25E-10	8.57E-13	5.98E-13	9.50E-12	5.91E-12	3.54E-11	5.61E-13	1.28E-11	1.75E-09	1.62E-10	2.08E-09
328	SG_328	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.500	8.90E-09	1.57E-08	6.49E-08	7.91E-10	4.46E-12	8.08E-07	2.64E-09	8.24E-10	1.61E-17	4.28E-10	1.13E-12	7.85E-13	1.25E-11	7.79E-12	4.68E-11	7.39E-13	1.69E-11	2.31E-09	2.13E-10	2.75E-09
329	SG_329	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.500	1.20E-08	2.16E-08	8.98E-08	1.33E-09	6.05E-12	1.06E-06	3.59E-09	1.12E-09	2.19E-17	5.81E-10	1.53E-12	1.06E-12	1.70E-11	1.06E-11	6.35E-11	1.00E-12	2.29E-11	3.13E-09	2.90E-10	3.73E-09
330	SG_330	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.500	1.53E-08	2.82E-08	1.16E-07	2.18E-09	7.79E-12	1.31E-06	4.62E-09	1.44E-09	2.82E-17	7.48E-10	1.97E-12	1.37E-12	2.19E-11	1.36E-11	8.17E-11	1.29E-12	2.95E-11	4.03E-09	3.73E-10	4.80E-09
331	SG_331	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.500	1.65E-08	3.14E-08	1.25E-07	3.03E-09	8.54E-12	1.40E-06	5.06E-09	1.58E-09	3.09E-17	8.20E-10	2.16E-12	1.51E-12	2.40E-11	1.49E-11	8.96E-11	1.42E-12	3.24E-11	4.42E-09	4.09E-10	5.26E-09
332	SG_332	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.500	1.68E-08	3.28E-08	1.30E-07	3.39E-09	8.86E-12	1.45E-06	5.25E-09	1.64E-09	3.20E-17	8.50E-10	2.24E-12	1.56E-12	2.49E-11	1.55E-11	9.29E-11	1.47E-12	3.36E-11	4.58E-09	4.24E-10	5.46E-09

AQIA DATA - SCENARIO 1 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
333	SG_333	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.500	1.58E-08	3.11E-08	1.25E-07	3.10E-09	8.40E-12	1.32E-06	4.97E-09	1.55E-09	3.04E-17	8.06E-10	2.13E-12	1.48E-12	2.36E-11	1.47E-11	8.81E-11	1.39E-12	3.18E-11	4.34E-09	4.02E-10	5.17E-09
334	SG_334	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.500	1.49E-08	2.97E-08	1.21E-07	2.63E-09	8.00E-12	1.19E-06	4.74E-09	1.48E-09	2.89E-17	7.68E-10	2.03E-12	1.41E-12	2.25E-11	1.40E-11	8.39E-11	1.33E-12	3.03E-11	4.14E-09	3.83E-10	4.93E-09
335	SG_335	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.500	1.42E-08	2.83E-08	1.16E-07	2.20E-09	7.66E-12	1.04E-06	4.54E-09	1.42E-09	2.77E-17	7.35E-10	1.94E-12	1.35E-12	2.15E-11	1.34E-11	8.03E-11	1.27E-12	2.90E-11	3.96E-09	3.66E-10	4.72E-09
336	SG_336	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.500	1.38E-08	2.75E-08	1.12E-07	1.91E-09	7.44E-12	9.29E-07	4.41E-09	1.38E-09	2.69E-17	7.14E-10	1.89E-12	1.31E-12	2.09E-11	1.30E-11	7.80E-11	1.23E-12	2.82E-11	3.85E-09	3.56E-10	4.58E-09
337	SG_337	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.500	1.37E-08	2.75E-08	1.13E-07	1.77E-09	7.42E-12	8.77E-07	4.40E-09	1.37E-09	2.69E-17	7.13E-10	1.88E-12	1.31E-12	2.09E-11	1.30E-11	7.79E-11	1.23E-12	2.81E-11	3.84E-09	3.55E-10	4.58E-09
338	SG_338	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.500	1.30E-08	2.60E-08	1.07E-07	1.63E-09	7.03E-12	7.99E-07	4.16E-09	1.30E-09	2.54E-17	6.75E-10	1.78E-12	1.24E-12	1.98E-11	1.23E-11	7.37E-11	1.17E-12	2.66E-11	3.63E-09	3.36E-10	4.33E-09
339	SG_339	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.500	1.19E-08	2.40E-08	9.83E-08	1.49E-09	6.47E-12	7.21E-07	3.83E-09	1.20E-09	2.34E-17	6.21E-10	1.64E-12	1.14E-12	1.82E-11	1.13E-11	6.78E-11	1.07E-12	2.45E-11	3.34E-09	3.09E-10	3.98E-09
340	SG_340	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.500	1.09E-08	2.19E-08	8.96E-08	1.36E-09	5.89E-12	6.51E-07	3.49E-09	1.09E-09	2.13E-17	5.66E-10	1.49E-12	1.04E-12	1.66E-11	1.03E-11	6.18E-11	9.78E-13	2.23E-11	3.05E-09	2.82E-10	3.63E-09
341	SG_341	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.500	9.98E-09	2.01E-08	8.24E-08	1.25E-09	5.41E-12	5.94E-07	3.20E-09	1.00E-09	1.96E-17	5.19E-10	1.37E-12	9.56E-13	1.52E-11	9.46E-12	5.67E-11	8.97E-13	2.05E-11	2.80E-09	2.59E-10	3.33E-09
342	SG_342	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.700	2.68E-09	4.92E-09	1.98E-08	3.27E-10	1.39E-12	2.34E-07	8.20E-10	2.56E-10	5.00E-18	1.33E-10	3.54E-13	2.51E-13	3.89E-12	2.43E-12	1.45E-11	2.30E-13	5.24E-12	7.15E-10	6.62E-11	8.53E-10
343	SG_343	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.700	2.89E-09	5.08E-09	1.98E-08	3.78E-10	1.45E-12	2.42E-07	8.56E-10	2.67E-10	5.23E-18	1.39E-10	3.70E-13	2.62E-13	4.07E-12	2.53E-12	1.52E-11	2.40E-13	5.47E-12	7.47E-10	6.91E-11	8.90E-10
344	SG_344	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.700	3.38E-09	5.46E-09	2.10E-08	4.52E-10	1.60E-12	2.81E-07	9.44E-10	2.95E-10	5.77E-18	1.53E-10	4.08E-13	2.90E-13	4.49E-12	2.80E-12	1.67E-11	2.65E-13	6.03E-12	8.24E-10	7.63E-11	9.82E-10
345	SG_345	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.700	4.17E-09	5.50E-09	2.09E-08	4.89E-10	1.74E-12	3.19E-07	1.02E-09	3.20E-10	6.26E-18	1.66E-10	4.43E-13	3.15E-13	4.87E-12	3.04E-12	1.81E-11	2.88E-13	6.54E-12	8.94E-10	8.27E-11	1.07E-09
346	SG_346	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.700	5.75E-09	5.19E-09	1.98E-08	5.07E-10	1.95E-12	3.94E-07	1.15E-09	3.58E-10	7.01E-18	1.86E-10	4.97E-13	3.54E-13	5.45E-12	3.40E-12	2.03E-11	3.22E-13	7.33E-12	1.00E-09	9.27E-11	1.19E-09
347	SG_347	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.700	7.17E-09	4.60E-09	1.76E-08	4.83E-10	2.08E-12	4.30E-07	1.23E-09	3.83E-10	7.50E-18	1.99E-10	5.32E-13	3.79E-13	5.83E-12	3.64E-12	2.17E-11	3.45E-13	7.84E-12	1.07E-09	9.92E-11	1.28E-09
348	SG_348	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.700	8.03E-09	5.52E-09	2.15E-08	5.19E-10	2.41E-12	4.94E-07	1.42E-09	4.42E-10	8.66E-18	2.30E-10	6.14E-13	4.38E-13	6.74E-12	4.20E-12	2.51E-11	3.98E-13	9.06E-12	1.24E-09	1.15E-10	1.48E-09
349	SG_349	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.700	8.17E-09	8.25E-09	3.32E-08	6.01E-10	2.95E-12	5.92E-07	1.74E-09	5.42E-10	1.06E-17	2.82E-10	7.53E-13	5.38E-13	8.25E-12	5.15E-12	3.07E-11	4.88E-13	1.11E-11	1.52E-09	1.40E-10	1.81E-09
350	SG_350	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.700	8.20E-09	1.17E-08	4.77E-08	6.97E-10	3.59E-12	7.05E-07	2.12E-09	6.61E-10	1.29E-17	3.44E-10	9.19E-13	6.57E-13	1.01E-11	6.28E-12	3.75E-11	5.95E-13	1.35E-11	1.85E-09	1.71E-10	2.20E-09
351	SG_351	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.700	8.49E-09	1.40E-08	5.72E-08	7.66E-10	4.09E-12	7.94E-07	2.41E-09	7.52E-10	1.47E-17	3.91E-10	1.05E-12	7.48E-13	1.15E-11	7.15E-12	4.27E-11	6.77E-13	1.54E-11	2.10E-09	1.95E-10	2.51E-09
352	SG_352	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.700	8.33E-09	1.44E-08	5.85E-08	7.61E-10	4.16E-12	8.11E-07	2.45E-09	7.64E-10	1.50E-17	3.98E-10	1.06E-12	7.60E-13	1.16E-11	7.27E-12	4.34E-11	6.88E-13	1.56E-11	2.14E-09	1.98E-10	2.55E-09
353	SG_353	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.700	7.51E-09	1.31E-08	5.24E-08	6.77E-10	3.80E-12	7.27E-07	2.24E-09	6.99E-10	1.37E-17	3.64E-10	9.71E-13	6.93E-13	1.06E-11	6.64E-12	3.97E-11	6.29E-13	1.43E-11	1.96E-09	1.81E-10	2.33E-09
354	SG_354	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.700	6.77E-09	1.19E-08	4.69E-08	5.92E-10	3.46E-12	6.45E-07	2.04E-09	6.37E-10	1.25E-17	3.31E-10	8.83E-13	6.29E-13	9.69E-12	6.05E-12	3.61E-11	5.73E-13	1.30E-11	1.78E-09	1.65E-10	2.12E-09
355	SG_355	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.700	6.14E-09	1.09E-08	4.24E-08	5.22E-10	3.16E-12	5.82E-07	1.86E-09	5.81E-10	1.14E-17	3.02E-10	8.04E-13	5.70E-13	8.85E-12	5.52E-12	3.30E-11	5.23E-13	1.19E-11	1.63E-09	1.50E-10	1.94E-09
356	SG_356	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6366.700	6.04E-09	1.07E-08	4.18E-08	5.04E-10	3.10E-12	5.76E-07	1.83E-09	5.72E-10	1.12E-17	2.97E-10	7.88E-13	5.55E-13	8.70E-12	5.42E-12	3.25E-11	5.14E-13	1.17E-11	1.60E-09	1.48E-10	1.91E-09
357	SG_357	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6366.700	7.81E-09	1.43E-08	5.70E-08	6.67E-10	4.06E-12	7.62E-07	2.40E-09	7.50E-10	1.47E-17	3.89E-10	1.03E-12	7.20E-13	1.14E-11	7.10E-12	4.25E-11	6.73E-13	1.54E-11	2.10E-09	1.94E-10	2.50E-09
358	SG_358	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.700	1.07E-08	2.03E-08	8.27E-08	9.70E-10	5.64E-12	1.05E-06	3.34E-09	1.04E-09	2.04E-17	5.42E-10	1.43E-12	9.95E-13	1.59E-11	9.87E-12	5.92E-11	9.36E-13	2.14E-11	2.92E-09	2.70E-10	3.48E-09
359	SG_359	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.700	1.44E-08	2.80E-08	1.15E-07	1.63E-09	7.67E-12	1.38E-06	4.55E-09	1.42E-09	2.78E-17	7.37E-10	1.94E-12	1.35E-12	2.16E-11	1.34E-11	8.05E-11	1.27E-12	2.91E-11	3.97E-09	3.67E-10	4.73E-09
360	SG_360	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.700	1.97E-08	3.92E-08	1.59E-07	3.14E-09	1.06E-11	1.86E-06	6.27E-09	1.96E-09	3.83E-17	1.02E-09	2.68E-12	1.86E-12	2.97E-11	1.85E-11	1.11E-10	1.75E-12	4.01E-11	5.47E-09	5.06E-10	6.52E-09
361	SG_361	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.700	2.27E-08	4.56E-08	1.82E-07	4.81E-09	1.22E-11	2.14E-06	7.23E-09	2.26E-09	4.42E-17	1.17E-09	3.09E-12	2.15E-12	3.43E-11	2.13E-11	1.28E-10	2.03E-12	4.63E-11	6.31E-09	5.84E-10	7.52E-09
362	SG_362	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.700	2.18E-08	4.40E-08	1.70E-07	5.81E-09	1.17E-11	2.06E-06	6.95E-09	2.17E-09	4.25E-17	1.13E-09	2.97E-12	2.07E-12	3.30E-11	2.05E-11	1.23E-10	1.95E-12	4.45E-11	6.07E-09	5.62E-10	7.23E-09
363	SG_363	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.700	1.99E-08	4.01E-08	1.52E-07	5.64E-09	1.07E-11	1.85E-06	6.34E-09	1.98E-09	3.87E-17	1.03E-09	2.71E-12	1.89E-12	3.01E-11	1.87E-11	1.12E-10	1.78E-12	4.06E-11	5.54E-09	5.12E-10	6.60E-09
364	SG_364	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.700	1.82E-08	3.67E-08	1.42E-07	4.71E-09	9.82E-12	1.62E-06	5.82E-09	1.82E-09	3.55E-17	9.43E-10	2.49E-12	1.73E-12	2.76E-11	1.72E-11	1.03E-10	1.63E-12	3.72E-11	5.08E-09	4.70E-10	6.05E-09
365	SG_365	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.700	1.69E-08	3.41E-08	1.36E-07	3.63E-09	9.15E-12	1.41E-06	5.42E-09	1.69E-09	3.31E-17	8.79E-10	2.32E-12	1.62E-12	2.57E-11	1.60E-11	9.60E-11	1.52E-12	3.47E-11	4.73E-09	4.38E-10	5.64E-09
366	SG_366	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.700	1.58E-08	3.16E-08	1.29E-07	2.74E-09	8.53E-12	1.20E-06	5.05E-09	1.58E-09	3.09E-17	8.19E-10	2.16E-12	1.51E-12	2.40E-11	1.49E-11	8.95E-11	1.42E-12	3.23E-11	4.41E-09	4.08E-10	5.26E-09
367	SG_367	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.700	1.51E-08	3.03E-08	1.24E-07	2.20E-09	8.19E-12	1.04E-06	4.85E-09	1.51E-09	2.96E-17	7.86E-10	2.08E-12	1.45E-12	2.30E-11	1.43E-11	8.59E-11	1.36E-12	3.10E-11	4.23E-09	3.92E-10	5.04E-09
368	SG_368	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.700	1.45E-08	2.91E-08	1.20E-07	1.88E-09	7.86E-12	9.17E-07	4.66E-09	1.45E-09	2.84E-17	7.55E-10	1.99E-12	1.39E-12	2.21E-11	1.37E-11	8.24E-11	1.30E-12	2.98E-11	4.06E-09	3.76E-10	4.84E-09
369	SG_369	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.700	1.36E-08	2.72E-08	1.13E-07	1.66E-09	7.35E-12	8.10E-07	4.35E-09	1.36E-09	2.66E-17	7.05E-10	1.86E-12	1.30E-12	2.07E-11	1.28E-11	7.70E-11	1.22E-12	2.78E-11	3.80E-09	3.52E-10	4.53E-09
370	SG_370	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.700	1.23E-08	2.48E-08	1.02E-07	1.49E-09	6.68E-12	7.22E-07	3.96E-09	1.23E-09	2.42E-17	6.41E-10	1.69E-12	1.18E-12	1.88E-11	1.17E-11	7.00E-11	1.11E-12	2.53E-11	3.45E-09	3.20E-10	4.12E-09
371	SG_371	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.700	1.09E-08	2.18E-08	8.98E-08	1.32E-09	5.89E-12	6.36E-07	3.49E-09	1.09E-09	2.13E-17	5.65E-10	1.49E-12	1.04E-12	1.66E-11	1.03E-11	6.17E-11	9.77E-13	2.23E-11	3.04E-09	2.82E-10	3.63E-09
372	SG_372	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.700	9.76E-09	1.96E-08	8.07E-08	1.19E-09	5.29E-12	5.75E-07	3.13E-09	9.78E-10	1.91E-17	5.08E-10	1.34E-12	9.36E-13	1.49E-11	9.25E-12	5.55E-11	8.77E-13	2.00E-11	2.73E-09	2.53E-10	3.26E-09
373	SG_373	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.900	2.71E-09	4.77E-09	1.88E-08	3.28E-10	1.37E-12	2.28E-07	8.09E-10	2.52E-10	4.94E-18	1.31E-10	3.49E-13	2.46E-13	3.84E-12	2.39E-12	1.43E-11	2.27E-13	5.17E-12	7.06E-10	6.53E-11	8.41E-10
374	SG_374	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.900	3.00E-09	5.00E-09	1.93E-08	3.85E-10	1.46E-12	2.52E-07	8.62E-10	2.69E-10	5.26E-18	1.40E-10	3.72E-13	2.63E-13	4.09E-12	2.55E-12	1.53E-11	2.42E-13	5.51E-12	7.52E-10	6.96E-11	8.97E-10
375	SG_375	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.900	3.47E-09	5.22E-09	1.99E-08	4.41E-10	1.58E-12	2.87E-07	9.31E-10	2.91E-10	5.68E-18	1.51E-10	4.02E-13	2.84E-13	4.42E-12	2.76E-12	1.65E-11	2.61E-13	5.95E-12	8.13E-10	7.52E-11	9.68E-10
376	SG_376	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.900	4.17E-09	5.21E-09	1.97E-08	4.66E-10	1.69E-12	3.24E-07	1.00E-09	3.12E-10	6.10E-18	1.62E-10	4.31E-13	3.05E-13	4.75E-12	2.96E-12	1.77E-11	2.80E-13	6.39E-12	8.72E-10	8.07E-11	1.04E-09
377	SG_377	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.900	5.16E-09	4.99E-09	1.88E-08	4.73E-10	1.82E-12	3.62E-07	1.08E-09	3.35E-10	6.56E-18	1.74E-10	4.64E-13	3.29E-13	5.10E-12	3.18E-12	1.90E-11	3.01E-13	6.87E-12	9.38E-10	8.68E-11	1.12E-09
378	SG_378	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.900	6.15E-09	5.20E-09	1.95E-08	5.06E-10	2.04E-12	4.11E-07	1.20E-09	3.75E-10	7.33E-18	1.95E-10	5.19E-13	3.68E-13	5.71E-12	3.56E-12	2.13E-11	3.37E-13	7.67E-12	1.05E-09	9.70E-11	1.25E-09
379	SG_379	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.900	6.84E-09	6.89E-09	2.62E-08	5.97E-10	2.47E-12	4.91E-07	1.46E-09	4.55E-10	8.91E-18	2.37E-10	6.31E-13	4.48E-13	6.93E-12	4.32E-12	2.58E-11	4.09E-13	9.32E-12	1.27E-09	1.18E-10	1.52E-09
380	SG_380	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.900	7.36E-09	1.04E-08	4.05E-08	7.36E-10	3.22E-12	6.16E-07	1.90E-09	5.92E-10	1.16E-17	3.08E-10	8.22E-13	5.85E-13	9.02E-12	5.63E-12	3.36E-11	5.33E-13	1.21E-11	1.66E-09	1.53E-10	1.97E-09
381	SG_381	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.900	8.25E-09	1.43E-08	5.65E-08	8.76E-10	4.11E-12	7.50E-07	2.43E-09	7.57E-10	1.48E-17	3.94E-10	1.05E-12	7.49E-13	1.15E-11	7.19E-12	4.29E-11	6.81E-13	1.55E-11	2.12E-09	1.96E-10	2.52E-09
382	SG_382	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.900	9.63E-09	1.80E-08	7.12E-08	1.04E-09	5.05E-12	9.06E-07	2.98E-09	9.29E-10	1.82E-17	4.83E-10	1.29E-12	9.21E-13	1.41E-11	8.83E-12	5.27E-11	8.36E-13	1.90E-11	2.60E-09	2.40E-10	3.10E-09
383	SG_383	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.900	1.10E-08	2.10E-08	8.32E-08	1.21E-09	5.87E-12	1.08E-06	3.46E-09	1.08E-09	2.11E-17	5.61E-10	1.50E-12	1.07E-12	1.64E-11	1.03E-11	6.12E-11	9.71E-13	2.21E-11	3.02E-09	2.79E-10	3.60E-09
384	SG_384	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6366.900	1.14E-08	2.20E-08	8.63E-08	1.26E-09	6.13E-12	1.18E-06	3.61E-09	1.13E-09	2.21E-17	5.86E-10	1.57E-12	1.12E-12	1.72E-11	1.07E-11	6.40E-11	1.01E-12	2.31E-11	3.15E-09	2.92E-10	3.76E-09
385	SG_385	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6366.900	1.08E-08	2.07E-08	8.08E-08	1.15E-09	5.81E-12	1.15E-06	3.43E-09	1.07E-09	2.09E-17	5.56E-10	1.48E-12	1.06E-12	1.63E-11	1.02E-11	6.06E-11	9.61E-13	2.19E-11	2.99E-09	2.77E-10	3.56E-09
386	SG_386	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6366.900	9.63E-09	1.83E-08	7.05E-08	9.73E-10	5.18E-12	1.01E-06	3.06E-09	9.54E-10	1.87E-17	4.96E-10	1.32E-12	9.38E-13	1.45E-11	9.06E-12	5.41E-11	8.58E-13	1.95E-11	2.67E-09	2.47E-10	3.18E-09
387	SG_387	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6366.900	9.20E-09	1.75E-08	6.67E-08	8.95E-10	4.94E-12	9.44E-07	2.92E-09	9.12E-10	1.78E-17	4.74E-10	1.26E-12	8.85E-13	1.39E-11	8.64E-12	5.17E-11	8.19E-13	1.87E-11	2.55E-09	2.36E-10	3.04E-09
388	SG_388	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6366.900	1.27E-08	2.46E-08	9.58E-08	1.22E-09	6.84E-12	1.32E-06	4.05E-09	1.26E-09	2.47E-17	6.56E-10	1.73E-12	1.21E-12	1.92E-11	1.20E-11	7.17E-11	1.13E-12	2.59E-11	3.53E-09	3.27E-10	4.21E-09
389	SG_389	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.900	1.82E-08	3.57E-08	1.42E-07	1.92E-09	9.81E-12	1.84E-06	5.81E-09	1.81E-09	3.55E-17	9.42E-10	2.49E-12	1.73E-12	2.76E-11	1.72E-11	1.03E-10	1.63E-12	3.72E-11	5.08E-09	4.70E-10	6.05E-09
390	SG_390	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.900	2.68E-08	5.35E-08	2.10E-07	4.20E-09	1.45E-11	2.63E-06	8.57E-09	2.68E-09	5.23E-17	1.39E-09	3.66E-12	2.55E-12	4.07E-11	2.53E-11	1.52E-10	2.40E-12	5.48E-11	7.48E-09	6.93E-10	8.92E-09
391	SG_391	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.900	3.35E-08	6.81E-08	2.62E-07	8.14E-09	1.81E-11	3.42E-06	1.07E-08	3.35E-09	6.56E-17	1.74E-09	4.60E-12	3.20E-12	5.10E-11	3.17E-11	1.90E-10	3.01E-12	6.87E-11	9.38E-09	8.68E-10	1.12E-08
393	SG_393	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.900	2.72E-08	5.54E-08	2.07E-07	9.54E-09	1.47E-11	2.83E-06	8.72E-09	2.72E-09	5.32E-17	1.41E-09	3.73E-12	2.59E-12	4.14E-11	2.57E-11	1.54E-10	2.44E-12	5.58E-11	7.61E-09	7.04E-10	9.07E-09
394	SG_394	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.900	2.31E-08	4.69E-08	1.74E-07	7.96E-09	1.25E-11	2.28E-06	7.40E-09	2.31E-09	4.52E-17	1.20E-09	3.16E-12	2.20E-12	3.51E-11	2.18E-11	1.31E-10	2.07E-12	4.73E-11	6.46E-09	5.98E-10	7.70E-09
395	SG_395	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.900	2.10E-08	4.26E-08	1.63E-07	6.08E-09	1.14E-11	1.87E-06	6.75E-09	2.11E-09	4.12E-17	1.09E-09	2.89E-12	2.01E-12	3.20E-11	1.99E-11	1.19E-10	1.89E-12	4.31E-11	5.89E-09	5.45E-10	7.02E-09
396	SG_396	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.900	1.96E-08	3.95E-08	1.57E-07	4.41E-09	1.06E-11	1.55E-06	6.28E-09	1.96E-09	3.84E-17	1.02E-09	2.69E-12	1.87E-12	2.98E-11	1.85E-11	1.11E-10	1.76E-12	4.02E-11	5.48E-09	5.07E-10	6.53E-09
397	SG_397	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6366.900	1.91E-08	3.86E-08	1.59E-07	3.26E-09	1.04E-11	1.39E-06	6.13E-09	1.91E-09	3.75E-17	9.94E-10	2.63E-12	1.83E-12	2.91E-11	1.81E-11	1.09E-10	1.72E-12	3.92E-11	5.35E-09	4.96E-10	6.38E-09
398	SG_398	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6366.900	1.66E-08	3.33E-08	1.39E-07	2.34E-09	8.98E-12	1.07E-06	5.32E-09	1.66E-09	3.25E-17	8.62E-10	2.28E-12	1.59E-12	2.52E-11	1.57E-11	9.42E-11	1.49E-12	3.40E-11	4.64E-09	4.30E-10	5.53E-09
399	SG_399	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.900	1.55E-08	3.12E-08	1.31E-07	1.89E-09	8.41E-12	8.96E-07	4.98E-09	1.56E-09	3.04E-17	8.07E-10	2.13E-12	1.49E-12	2.37E-11	1.47E-11	8.82E-11	1.40E-12	3.19E-11	4.35E-09	4.02E-10	5.18E-09
400	SG_400	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.900	1.42E-08	2.84E-08	1.20E-07	1.60E-09	7.67E-12	7.59E-07	4.54E-09	1.42E-09	2.77E-17	7.36E-10	1.95E-12	1.36E-12	2.16E-11	1.34E-11	8.04E-11	1.27E-12	2.90E-11	3.96E-09	3.67E-10	4.72E-09
401	SG_401	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.900	1.26E-08	2.54E-08	1.07E-07	1.41E-09	6.85E-12	6.72E-07	4.06E-09	1.27E-09	2.48E-17	6.58E-10	1.74E-12	1.21E-12	1.93E-11	1.20E-11	7.18E-11	1.14E-12	2.60E-11	3.54E-09	3.28E-10	4.22E-09
402	SG_402	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.900	1.09E-08	2.18E-08	9.13E-08	1.22E-09	5.89E-12	5.91E-07	3.49E-09	1.09E-09	2.13E-17	5.65E-10	1.49E-12	1.04E-12	1.65E-11	1.03E-11	6.17E-11	9.76E-13	2.23E-11	3.04E-09	2.82E-10	3.63E-09
403	SG_403	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.900	9.32E-09	1.87E-08	7.76E-08	1.07E-09	5.05E-12	5.22E-07	2.99E-09	9.33E-10	1.83E-17	4.85E-10	1.28E-12	8.95E-13	1.42E-11	8.83E-12	5.29E-11	8.37E-13	1.91E-11	2.61E-09	2.42E-10	3.11E-09
404	SG_404	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6367.100	2.87E-09	4.80E-09	1.87E-08	3.32E-10	1.41E-12	2.32E-07	8.31E-10	2.59E-10	5.07E-18	1.35E-10	3.58E-13	2.52E-13	3.95E-12	2.46E-12	1.47E-11	2.33E-13	5.31E-12	7.25E-10	6.71E-11	8.64E-10
405	SG_405	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6367.100	3.26E-09	5.12E-09	1.96E-08	3.92E-10	1.53E-12	2.71E-07	9.04E-10	2.82E-10	5.52E-18	1.47E-10	3.90E-13	2.75E-13	4.29E-12	2.68E-12	1.60E-11	2.54E-13	5.78E-12	7.89E-10	7.30E-11	9.41E-10
406	SG_406	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.100	3.74E-09	5.31E-09	2.01E-08	4.33E-10	1.65E-12	3.05E-07	9.73E-10	3.04E-10	5.94E-18	1.58E-10	4.19E-13	2.96E-13	4.62E-12	2.88E-12	1.72E-11	2.73E-13	6.22E-12	8.50E-10	7.86E-11	1.01E-09
407	SG_407	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6367.100	4.32E-09	5.40E-09	2.04E-08	4.51E-10	1.76E-12	3.35E-07	1.04E-09	3.25E-10	6.36E-18	1.69E-10	4.49E-13	3.17E-13	4.95E-12	3.08E-12	1.85E-11	2.92E-13	6.66E-12	9.10E-10	8.42E-11	1.08E-09
408	SG_408	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.100	4.93E-09	5.67E-09	2.13E-08	4.87E-10	1.92E-12	3.69E-07	1.14E-09	3.55E-10	6.94E-18	1.84E-10	4.90E-13	3.46E-13	5.40E-12	3.36E-12	2.01E-11	3.19E-13	7.26E-12	9.92E-10	9.18E-11	1.18E-09
409	SG_409	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.100	5.51E-09	6.62E-09	2.46E-08	5.83E-10	2.21E-12	4.30E-07	1.30E-09	4.07E-10	7.95E-18	2.11E-10	5.61E-13	3.97E-13	6.19E-12	3.86E-12	2.31E-11	3.65E-13	8.32E-12	1.14E-09	1.05E-10	1.36E-09
410	SG_410	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6367.100	6.02E-09	8.55E-09	3.16E-08	7.35E-10	2.66E-12	5.20E-07	1.57E-09	4.90E-10	9.59E-18	2.55E-10	6.77E-13	4.79E-13	7.46E-12	4.65E-12	2.78E-11	4.41E-13	1.00E-11	1.37E-09	1.27E-10	1.63E-09
411	SG_411	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6367.100	6.76E-09	1.13E-08	4.23E-08	8.97E-10	3.32E-12	6.32E-07	1.96E-09	6.11E-10	1.20E-17	3.18E-10	8.45E-13	5.98E-13	9.30E-12	5.80E-12	3.47E-11	5.49E-13	1.25E-11	1.71E-09	1.58E-10	2.04E-09
412	SG_412	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6367.100	7.91E-09	1.45E-08	5.45E-08	1.05E-09	4.13E-12	7.49E-07	2.44E-09	7.60E-10	1.49E-17	3.95E-10	1.05E-12	7.46E-13	1.16E-11	7.22E-12	4.31E-11	6.84E-13	1.56E-11	2.13E-09	1.97E-10	2.53E-09
413	SG_413	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6367.100	9.81E-09	1.86E-08	7.05E-08	1.33E-09	5.25E-12	9.50E-07	3.10E-09	9.66E-10	1.89E-17	5.02E-10	1.34E-12	9.51E-13	1.47E-11	9.17E-12	5.48E-11	8.69E-13	1.98E-11	2.70E-09	2.50E-10	3.22E-09
414	SG_414	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6367.100	1.27E-08	2.46E-08	9.28E-08	1.84E-09	6.84E-12	1.29E-06	4.04E-09	1.26E-09	2.46E-17	6.55E-10	1.75E-12	1.24E-12	1.92E-11	1.20E-11	7.14E-11	1.13E-12	2.58E-11	3.52E-09	3.26E-10	4.20E-09
415	SG_415	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.100	1.67E-08	3.28E-08	1.24E-07	2.53E-09	9.05E-12	1.81E-06	5.34E-09	1.66E-09	3.26E-17	8.66E-10	2.31E-12	1.65E-12	2.53E-11	1.58E-11	9.44E-11	1.50E-12	3.41E-11	4.66E-09	4.31E-10	5.55E-09
416	SG_416	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.100	2.00E-08	3.95E-08	1.49E-07	2.92E-09	1.09E-11	2.35E-06	6.40E-09	2.00E-09	3.91E-17	1.04E-09	2.77E-12	1.98E-12	3.04E-11	1.90E-11	1.13E-10	1.80E-12	4.09E-11	5.59E-09	5.17E-10	6.66E-09

AQIA DATA - SCENARIO 1 GRID MAX

Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution

All Pollutants

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
417	SG_417	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.100	1.78E-08	3.48E-08	1.29E-07	2.44E-09	9.67E-12	2.11E-06	5.70E-09	1.78E-09	3.48E-17	9.25E-10	2.47E-12	1.76E-12	2.71E-11	1.69E-11	1.01E-10	1.60E-12	3.64E-11	4.98E-09	4.60E-10	5.93E-09
418	SG_418	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6367.100	1.52E-08	2.95E-08	1.06E-07	1.96E-09	8.25E-12	1.69E-06	4.88E-09	1.52E-09	2.98E-17	7.90E-10	2.10E-12	1.48E-12	2.31E-11	1.44E-11	8.63E-11	1.37E-12	3.12E-11	4.26E-09	3.94E-10	5.07E-09
419	SG_419	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6367.100	2.32E-08	4.55E-08	1.71E-07	2.62E-09	1.26E-11	2.55E-06	7.45E-09	2.33E-09	4.55E-17	1.21E-09	3.19E-12	2.22E-12	3.54E-11	2.20E-11	1.32E-10	2.09E-12	4.77E-11	6.50E-09	6.02E-10	7.75E-09
420	SG_420	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6367.100	4.15E-08	8.25E-08	3.17E-07	6.31E-09	2.25E-11	4.32E-06	1.33E-08	4.16E-09	8.14E-17	2.16E-09	5.70E-12	3.96E-12	6.33E-11	3.93E-11	2.36E-10	3.73E-12	8.53E-11	1.16E-08	1.08E-09	1.39E-08
424	SG_424	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6367.100	2.98E-08	6.08E-08	2.22E-07	1.15E-08	1.61E-11	3.28E-06	9.56E-09	2.98E-09	5.84E-17	1.55E-09	4.09E-12	2.84E-12	4.54E-11	2.82E-11	1.69E-10	2.68E-12	6.11E-11	8.34E-09	7.72E-10	9.94E-09
425	SG_425	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.100	2.54E-08	5.16E-08	1.94E-07	8.55E-09	1.38E-11	2.45E-06	8.17E-09	2.55E-09	4.99E-17	1.32E-09	3.49E-12	2.43E-12	3.88E-11	2.41E-11	1.45E-10	2.29E-12	5.22E-11	7.13E-09	6.60E-10	8.50E-09
426	SG_426	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.100	2.43E-08	4.92E-08	1.94E-07	6.21E-09	1.32E-11	1.90E-06	7.81E-09	2.44E-09	4.77E-17	1.27E-09	3.34E-12	2.33E-12	3.71E-11	2.31E-11	1.38E-10	2.19E-12	5.00E-11	6.82E-09	6.31E-10	8.13E-09
427	SG_427	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.100	2.33E-08	4.71E-08	1.94E-07	4.44E-09	1.26E-11	1.52E-06	7.48E-09	2.33E-09	4.57E-17	1.21E-09	3.20E-12	2.24E-12	3.55E-11	2.21E-11	1.32E-10	2.10E-12	4.78E-11	6.53E-09	6.04E-10	7.78E-09
428	SG_428	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.100	2.07E-08	4.16E-08	1.76E-07	3.11E-09	1.12E-11	1.21E-06	6.63E-09	2.07E-09	4.05E-17	1.07E-09	2.84E-12	1.98E-12	3.15E-11	1.96E-11	1.17E-10	1.86E-12	4.24E-11	5.79E-09	5.36E-10	6.90E-09
429	SG_429	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.100	1.79E-08	3.59E-08	1.53E-07	2.23E-09	9.70E-12	9.59E-07	5.74E-09	1.79E-09	3.50E-17	9.30E-10	2.46E-12	1.72E-12	2.73E-11	1.70E-11	1.02E-10	1.61E-12	3.67E-11	5.01E-09	4.64E-10	5.97E-09
430	SG_430	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.100	1.64E-08	3.29E-08	1.42E-07	1.76E-09	8.90E-12	7.95E-07	5.27E-09	1.64E-09	3.22E-17	8.54E-10	2.26E-12	1.58E-12	2.50E-11	1.56E-11	9.33E-11	1.48E-12	3.37E-11	4.60E-09	4.26E-10	5.48E-09
431	SG_431	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.100	1.49E-08	3.00E-08	1.31E-07	1.49E-09	8.10E-12	6.75E-07	4.80E-09	1.50E-09	2.93E-17	7.77E-10	2.06E-12	1.44E-12	2.28E-11	1.42E-11	8.49E-11	1.34E-12	3.07E-11	4.19E-09	3.87E-10	4.99E-09
432	SG_432	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.100	1.31E-08	2.63E-08	1.14E-07	1.29E-09	7.11E-12	5.94E-07	4.21E-09	1.31E-09	2.57E-17	6.82E-10	1.80E-12	1.26E-12	2.00E-11	1.24E-11	7.45E-11	1.18E-12	2.69E-11	3.67E-09	3.40E-10	4.38E-09
433	SG_433	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6367.100	1.10E-08	2.20E-08	9.47E-08	1.10E-09	5.96E-12	5.22E-07	3.53E-09	1.10E-09	2.15E-17	5.71E-10	1.51E-12	1.06E-12	1.67E-11	1.04E-11	6.24E-11	9.88E-13	2.25E-11	3.08E-09	2.85E-10	3.67E-09
434	SG_434	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.100	9.01E-09	1.80E-08	7.64E-08	9.37E-10	4.89E-12	4.53E-07	2.89E-09	9.03E-10	1.77E-17	4.69E-10	1.24E-12	8.68E-13	1.37E-11	8.54E-12	5.12E-11	8.10E-13	1.85E-11	2.52E-09	2.34E-10	3.01E-09
435	SG_435	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6367.300	3.11E-09	4.92E-09	1.91E-08	3.34E-10	1.47E-12	2.47E-07	8.71E-10	2.72E-10	5.32E-18	1.41E-10	3.75E-13	2.64E-13	4.14E-12	2.58E-12	1.54E-11	2.44E-13	5.57E-12	7.60E-10	7.03E-11	9.06E-10
436	SG_436	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6367.300	3.47E-09	5.13E-09	1.96E-08	3.74E-10	1.58E-12	2.72E-07	9.33E-10	2.91E-10	5.69E-18	1.51E-10	4.01E-13	2.83E-13	4.43E-12	2.76E-12	1.65E-11	2.61E-13	5.96E-12	8.14E-10	7.53E-11	9.70E-10
437	SG_437	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.300	3.88E-09	5.40E-09	2.05E-08	4.02E-10	1.70E-12	2.98E-07	1.01E-09	3.14E-10	6.15E-18	1.63E-10	4.33E-13	3.06E-13	4.78E-12	2.98E-12	1.78E-11	2.82E-13	6.43E-12	8.79E-10	8.13E-11	1.05E-09
438	SG_438	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6367.300	4.43E-09	6.03E-09	2.30E-08	4.49E-10	1.92E-12	3.49E-07	1.13E-09	3.54E-10	6.92E-18	1.84E-10	4.88E-13	3.44E-13	5.38E-12	3.35E-12	2.01E-11	3.18E-13	7.24E-12	9.89E-10	9.16E-11	1.18E-09
439	SG_439	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.300	4.97E-09	7.06E-09	2.68E-08	5.33E-10	2.20E-12	4.14E-07	1.30E-09	4.07E-10	7.95E-18	2.11E-10	5.61E-13	3.96E-13	6.19E-12	3.85E-12	2.31E-11	3.65E-13	8.32E-12	1.14E-09	1.05E-10	1.36E-09
440	SG_440	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.300	5.30E-09	8.15E-09	3.02E-08	6.50E-10	2.47E-12	4.51E-07	1.46E-09	4.56E-10	8.93E-18	2.37E-10	6.30E-13	4.44E-13	6.94E-12	4.32E-12	2.59E-11	4.10E-13	9.34E-12	1.28E-09	1.18E-10	1.52E-09
441	SG_441	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6367.300	5.88E-09	9.92E-09	3.62E-08	8.39E-10	2.91E-12	5.41E-07	1.72E-09	5.37E-10	1.05E-17	2.79E-10	7.41E-13	5.23E-13	8.17E-12	5.09E-12	3.05E-11	4.82E-13	1.10E-11	1.50E-09	1.39E-10	1.79E-09
442	SG_442	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6367.300	6.76E-09	1.22E-08	4.43E-08	1.04E-09	3.50E-12	6.60E-07	2.07E-09	6.46E-10	1.26E-17	3.36E-10	8.91E-13	6.29E-13	9.83E-12	6.12E-12	3.66E-11	5.80E-13	1.32E-11	1.81E-09	1.67E-10	2.15E-09
443	SG_443	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6367.300	7.97E-09	1.49E-08	5.42E-08	1.28E-09	4.24E-12	7.99E-07	2.51E-09	7.82E-10	1.53E-17	4.06E-10	1.08E-12	7.62E-13	1.19E-11	7.41E-12	4.44E-11	7.03E-13	1.60E-11	2.19E-09	2.02E-10	2.61E-09
444	SG_444	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6367.300	9.82E-09	1.88E-08	6.77E-08	1.75E-09	5.29E-12	1.04E-06	3.13E-09	9.75E-10	1.91E-17	5.07E-10	1.35E-12	9.52E-13	1.48E-11	9.25E-12	5.53E-11	8.76E-13	2.00E-11	2.73E-09	2.52E-10	3.25E-09
445	SG_445	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6367.300	1.29E-08	2.49E-08	8.90E-08	2.64E-09	6.96E-12	1.47E-06	4.11E-09	1.28E-09	2.51E-17	6.67E-10	1.77E-12	1.25E-12	1.95E-11	1.22E-11	7.28E-11	1.15E-12	2.63E-11	3.59E-09	3.32E-10	4.28E-09
446	SG_446	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.300	1.81E-08	3.54E-08	1.25E-07	3.97E-09	9.83E-12	2.14E-06	5.80E-09	1.81E-09	3.54E-17	9.41E-10	2.51E-12	1.78E-12	2.76E-11	1.72E-11	1.03E-10	1.63E-12	3.71E-11	5.06E-09	4.68E-10	6.03E-09
447	SG_447	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.300	2.91E-08	5.75E-08	2.03E-07	5.99E-09	1.58E-11	3.48E-06	9.34E-09	2.92E-09	5.70E-17	1.52E-09	4.04E-12	2.88E-12	4.44E-11	2.77E-11	1.65E-10	2.62E-12	5.97E-11	8.15E-09	7.54E-10	9.72E-09
448	SG_448	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.300	4.23E-08	8.39E-08	2.97E-07	8.45E-09	2.30E-11	5.37E-06	1.36E-08	4.23E-09	8.28E-17	2.20E-09	5.87E-12	4.19E-12	6.44E-11	4.02E-11	2.40E-10	3.81E-12	8.66E-11	1.18E-08	1.10E-09	1.41E-08
450	SG_450	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6367.300	6.34E-08	1.25E-07	4.46E-07	1.37E-08	3.43E-11	7.84E-06	2.03E-08	6.35E-09	1.24E-16	3.30E-09	8.69E-12	6.04E-12	9.66E-11	6.00E-11	3.60E-10	5.70E-12	1.30E-10	1.78E-08	1.64E-09	2.12E-08
456	SG_456	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.300	2.63E-08	5.32E-08	2.10E-07	6.72E-09	1.43E-11	2.11E-06	8.45E-09	2.64E-09	5.16E-17	1.37E-09	3.62E-12	2.52E-12	4.01E-11	2.50E-11	1.50E-10	2.37E-12	5.41E-11	7.38E-09	6.83E-10	8.79E-09
457	SG_457	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.300	2.68E-08	5.40E-08	2.26E-07	4.89E-09	1.45E-11	1.60E-06	8.59E-09	2.68E-09	5.25E-17	1.39E-09	3.68E-12	2.57E-12	4.08E-11	2.54E-11	1.52E-10	2.41E-12	5.49E-11	7.50E-09	6.94E-10	8.94E-09
458	SG_458	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.300	2.60E-08	5.23E-08	2.27E-07	3.62E-09	1.41E-11	1.28E-06	8.33E-09	2.60E-09	5.09E-17	1.35E-09	3.57E-12	2.50E-12	3.96E-11	2.46E-11	1.48E-10	2.33E-12	5.33E-11	7.27E-09	6.73E-10	8.67E-09
459	SG_459	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.300	2.34E-08	4.71E-08	2.07E-07	2.69E-09	1.27E-11	1.05E-06	7.51E-09	2.34E-09	4.58E-17	1.22E-09	3.22E-12	2.25E-12	3.56E-11	2.22E-11	1.33E-10	2.10E-12	4.80E-11	6.55E-09	6.06E-10	7.81E-09
460	SG_460	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.300	2.06E-08	4.15E-08	1.84E-07	2.06E-09	1.12E-11	8.86E-07	6.62E-09	2.07E-09	4.04E-17	1.07E-09	2.84E-12	1.99E-12	3.14E-11	1.96E-11	1.17E-10	1.85E-12	4.23E-11	5.78E-09	5.35E-10	6.88E-09
461	SG_461	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.300	1.77E-08	3.55E-08	1.58E-07	1.61E-09	9.59E-12	7.04E-07	5.67E-09	1.77E-09	3.46E-17	9.20E-10	2.43E-12	1.70E-12	2.69E-11	1.68E-11	1.00E-10	1.59E-12	3.63E-11	4.95E-09	4.58E-10	5.90E-09
462	SG_462	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.300	1.59E-08	3.20E-08	1.43E-07	1.37E-09	8.63E-12	6.03E-07	5.11E-09	1.59E-09	3.12E-17	8.28E-10	2.19E-12	1.54E-12	2.42E-11	1.51E-11	9.04E-11	1.43E-12	3.26E-11	4.46E-09	4.12E-10	5.31E-09
463	SG_463	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.300	1.37E-08	2.76E-08	1.23E-07	1.17E-09	7.44E-12	5.22E-07	4.40E-09	1.37E-09	2.69E-17	7.14E-10	1.89E-12	1.32E-12	2.09E-11	1.30E-11	7.80E-11	1.23E-12	2.82E-11	3.84E-09	3.56E-10	4.58E-09
464	SG_464	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6367.300	1.11E-08	2.23E-08	9.82E-08	9.77E-10	6.04E-12	4.43E-07	3.57E-09	1.12E-09	2.18E-17	5.79E-10	1.53E-12	1.07E-12	1.70E-11	1.06E-11	6.32E-11	1.00E-12	2.28E-11	3.12E-09	2.89E-10	3.72E-09
465	SG_465	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.300	8.98E-09	1.79E-08	7.78E-08	8.20E-10	4.87E-12	3.83E-07	2.88E-09	9.00E-10	1.76E-17	4.67E-10	1.24E-12	8.67E-13	1.37E-11	8.52E-12	5.10E-11	8.08E-13	1.84E-11	2.52E-09	2.33E-10	3.00E-09
466	SG_466	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6367.500	3.20E-09	4.81E-09	1.87E-08	3.11E-10	1.48E-12	2.41E-07	8.74E-10	2.73E-10	5.34E-18	1.42E-10	3.76E-13	2.65E-13	4.15E-12	2.58E-12	1.55E-11	2.45E-13	5.58E-12	7.63E-10	7.06E-11	9.09E-10
467	SG_467	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6367.500	3.52E-09	5.05E-09	1.93E-08	3.37E-10	1.58E-12	2.58E-07	9.36E-10	2.92E-10	5.72E-18	1.52E-10	4.03E-13	2.84E-13	4.45E-12	2.77E-12	1.66E-11	2.62E-13	5.98E-12	8.17E-10	7.56E-11	9.74E-10
468	SG_468	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6367.500	3.99E-09	5.75E-09	2.20E-08	3.83E-10	1.80E-12	3.05E-07	1.06E-09	3.32E-10	6.50E-18	1.73E-10	4.58E-13	3.23E-13	5.06E-12	3.15E-12	1.88E-11	2.98E-13	6.80E-12	9.29E-10	8.60E-11	1.11E-09
469	SG_469	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6367.500	4.48E-09	6.77E-09	2.60E-08	4.44E-10	2.08E-12	3.62E-07	1.23E-09	3.84E-10	7.52E-18	2.00E-10	5.30E-13	3.74E-13	5.85E-12	3.64E-12	2.18E-11	3.45E-13	7.87E-12	1.08E-09	9.95E-11	1.28E-09
470	SG_470	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.500	4.80E-09	7.75E-09	2.93E-08	5.17E-10	2.33E-12	3.88E-07	1.38E-09	4.30E-10	8.42E-18	2.24E-10	5.94E-13	4.19E-13	6.55E-12	4.08E-12	2.44E-11	3.87E-13	8.81E-12	1.20E-09	1.11E-10	1.43E-09
471	SG_471	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.500	5.26E-09	8.98E-09	3.33E-08	6.48E-10	2.65E-12	4.44E-07	1.57E-09	4.89E-10	9.57E-18	2.54E-10	6.75E-13	4.76E-13	7.45E-12	4.64E-12	2.78E-11	4.40E-13	1.00E-11	1.37E-09	1.27E-10	1.63E-09
472	SG_472	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6367.500	5.82E-09	1.04E-08	3.78E-08	8.30E-10	3.02E-12	5.17E-07	1.79E-09	5.57E-10	1.09E-17	2.89E-10	7.69E-13	5.42E-13	8.48E-12	5.28E-12	3.16E-11	5.00E-13	1.14E-11	1.56E-09	1.44E-10	1.86E-09
473	SG_473	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6367.500	6.74E-09	1.25E-08	4.49E-08	1.09E-09	3.58E-12	6.49E-07	2.11E-09	6.59E-10	1.29E-17	3.43E-10	9.10E-13	6.42E-13	1.00E-11	6.25E-12	3.74E-11	5.92E-13	1.35E-11	1.84E-09	1.71E-10	2.20E-09
474	SG_474	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6367.500	8.12E-09	1.54E-08	5.51E-08	1.47E-09	4.36E-12	8.51E-07	2.58E-09	8.05E-10	1.57E-17	4.18E-10	1.11E-12	7.83E-13	1.22E-11	7.63E-12	4.57E-11	7.23E-13	1.65E-11	2.25E-09	2.08E-10	2.68E-09
475	SG_475	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6367.500	1.02E-08	1.96E-08	6.94E-08	2.15E-09	5.51E-12	1.17E-06	3.26E-09	1.02E-09	1.99E-17	5.28E-10	1.40E-12	9.88E-13	1.55E-11	9.63E-12	5.76E-11	9.13E-13	2.08E-11	2.84E-09	2.63E-10	3.39E-09
476	SG_476	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6367.500	1.35E-08	2.62E-08	9.13E-08	3.30E-09	7.30E-12	1.70E-06	4.31E-09	1.35E-09	2.63E-17	6.99E-10	1.86E-12	1.31E-12	2.05E-11	1.28E-11	7.64E-11	1.21E-12	2.76E-11	3.76E-09	3.48E-10	4.49E-09
477	SG_477	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.500	1.92E-08	3.74E-08	1.29E-07	4.95E-09	1.04E-11	2.47E-06	6.17E-09	1.93E-09	3.77E-17	1.00E-09	2.66E-12	1.88E-12	2.93E-11	1.83E-11	1.09E-10	1.73E-12	3.95E-11	5.39E-09	4.99E-10	6.42E-09
478	SG_478	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.500	3.29E-08	6.35E-08	2.17E-07	8.22E-09	1.79E-11	4.18E-06	1.06E-08	3.29E-09	6.44E-17	1.71E-09	4.55E-12	3.21E-12	5.01E-11	3.12E-11	1.87E-10	2.96E-12	6.74E-11	9.21E-09	8.52E-10	1.10E-08
479	SG_479	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.500	6.84E-08	1.33E-07	4.49E-07	2.04E-08	3.72E-11	9.69E-06	2.20E-08	6.85E-09	1.34E-16	3.56E-09	9.47E-12	6.70E-12	1.04E-10	6.50E-11	3.89E-10	6.16E-12	1.40E-10	1.92E-08	1.77E-09	2.28E-08
487	SG_487	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.500	2.66E-08	5.35E-08	2.25E-07	4.21E-09	1.44E-11	1.57E-06	8.55E-09	2.67E-09	5.22E-17	1.39E-09	3.66E-12	2.56E-12	4.06E-11	2.53E-11	1.51E-10	2.40E-12	5.47E-11	7.47E-09	6.91E-10	8.90E-09
488	SG_488	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.500	2.71E-08	5.44E-08	2.38E-07	3.24E-09	1.47E-11	1.20E-06	8.70E-09	2.72E-09	5.31E-17	1.41E-09	3.73E-12	2.61E-12	4.13E-11	2.57E-11	1.54E-10	2.44E-12	5.56E-11	7.60E-09	7.03E-10	9.05E-09
489	SG_489	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.500	2.59E-08	5.19E-08	2.31E-07	2.59E-09	1.40E-11	9.96E-07	8.31E-09	2.59E-09	5.07E-17	1.35E-09	3.56E-12	2.49E-12	3.94E-11	2.45E-11	1.47E-10	2.33E-12	5.31E-11	7.25E-09	6.71E-10	8.64E-09
490	SG_490	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.500	2.47E-08	4.97E-08	2.25E-07	2.17E-09	1.34E-11	9.07E-07	7.93E-09	2.48E-09	4.84E-17	1.29E-09	3.40E-12	2.38E-12	3.77E-11	2.34E-11	1.40E-10	2.22E-12	5.07E-11	6.92E-09	6.41E-10	8.25E-09
491	SG_491	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.500	2.11E-08	4.25E-08	1.92E-07	1.74E-09	1.15E-11	7.48E-07	6.79E-09	2.12E-09	4.14E-17	1.10E-09	2.91E-12	2.04E-12	3.22E-11	2.00E-11	1.20E-10	1.90E-12	4.34E-11	5.92E-09	5.48E-10	7.06E-09
492	SG_492	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.500	1.74E-08	3.49E-08	1.57E-07	1.38E-09	9.45E-12	5.84E-07	5.59E-09	1.75E-09	3.42E-17	9.07E-10	2.40E-12	1.68E-12	2.66E-11	1.65E-11	9.90E-11	1.57E-12	3.58E-11	4.88E-09	4.52E-10	5.82E-09
493	SG_493	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.500	1.56E-08	3.12E-08	1.41E-07	1.20E-09	8.44E-12	5.06E-07	4.99E-09	1.56E-09	3.05E-17	8.09E-10	2.14E-12	1.50E-12	2.37E-11	1.48E-11	8.84E-11	1.40E-12	3.19E-11	4.36E-09	4.03E-10	5.19E-09
494	SG_494	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.500	1.35E-08	2.71E-08	1.22E-07	1.04E-09	7.32E-12	4.39E-07	4.33E-09	1.35E-09	2.65E-17	7.02E-10	1.86E-12	1.30E-12	2.06E-11	1.28E-11	7.67E-11	1.21E-12	2.77E-11	3.78E-09	3.50E-10	4.51E-09
495	SG_495	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6367.500	1.12E-08	2.24E-08	1.01E-07	8.77E-10	6.08E-12	3.75E-07	3.60E-09	1.12E-09	2.20E-17	5.84E-10	1.55E-12	1.08E-12	1.71E-11	1.06E-11	6.37E-11	1.01E-12	2.30E-11	3.14E-09	2.91E-10	3.74E-09
496	SG_496	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.500	9.31E-09	1.86E-08	8.27E-08	7.50E-10	5.05E-12	3.30E-07	2.99E-09	9.33E-10	1.82E-17	4.84E-10	1.28E-12	9.00E-13	1.42E-11	8.83E-12	5.29E-11	8.37E-13	1.91E-11	2.61E-09	2.41E-10	3.11E-09
497	SG_497	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6367.700	3.19E-09	4.72E-09	1.83E-08	2.82E-10	1.47E-12	2.26E-07	8.69E-10	2.71E-10	5.31E-18	1.41E-10	3.74E-13	2.63E-13	4.13E-12	2.57E-12	1.54E-11	2.44E-13	5.55E-12	7.58E-10	7.02E-11	9.04E-10
498	SG_498	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6367.700	3.59E-09	5.28E-09	2.04E-08	3.17E-10	1.65E-12	2.60E-07	9.76E-10	3.05E-10	5.96E-18	1.58E-10	4.20E-13	2.96E-13	4.64E-12	2.89E-12	1.73E-11	2.74E-13	6.24E-12	8.52E-10	7.88E-11	1.02E-09
499	SG_499	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.700	3.99E-09	6.14E-09	2.36E-08	3.59E-10	1.89E-12	2.95E-07	1.12E-09	3.49E-10	6.83E-18	1.81E-10	4.82E-13	3.39E-13	5.31E-12	3.31E-12	1.98E-11	3.14E-13	7.15E-12	9.77E-10	9.04E-11	1.16E-09
500	SG_500	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6367.700	4.42E-09	7.21E-09	2.75E-08	4.15E-10	2.18E-12	3.31E-07	1.29E-09	4.03E-10	7.88E-18	2.09E-10	5.55E-13	3.91E-13	6.13E-12	3.82E-12	2.28E-11	3.62E-13	8.25E-12	1.13E-09	1.04E-10	1.34E-09
501	SG_501	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.700	4.87E-09	8.31E-09	3.12E-08	4.93E-10	2.49E-12	3.65E-07	1.47E-09	4.58E-10	8.97E-18	2.38E-10	6.32E-13	4.46E-13	6.98E-12	4.35E-12	2.60E-11	4.12E-13	9.39E-12	1.28E-09	1.19E-10	1.53E-09
502	SG_502	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.700	5.47E-09	9.67E-09	3.59E-08	6.24E-10	2.85E-12	4.33E-07	1.69E-09	5.26E-10	1.03E-17	2.74E-10	7.26E-13	5.12E-13	8.01E-12	4.99E-12	2.99E-11	4.73E-13	1.08E-11	1.47E-09	1.36E-10	1.75E-09
503	SG_503	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6367.700	6.11E-09	1.11E-08	4.05E-08	8.15E-10	3.24E-12	5.19E-07	1.92E-09	5.98E-10	1.17E-17	3.10E-10	8.24E-13	5.81E-13	9.09E-12	5.66E-12	3.39E-11	5.37E-13	1.22E-11	1.67E-09	1.55E-10	1.99E-09
504	SG_504	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6367.700	7.15E-09	1.34E-08	4.82E-08	1.14E-09	3.84E-12	6.96E-07	2.27E-09	7.08E-10	1.38E-17	3.68E-10	9.76E-13	6.87E-13	1.08E-11	6.71E-12	4.02E-11	6.36E-13	1.45E-11	1.98E-09	1.83E-10	2.36E-09
505	SG_505	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6367.700	8.39E-09	1.60E-08	5.67E-08	1.58E-09	4.53E-12	8.98E-07	2.68E-09	8.36E-10	1.64E-17	4.34E-10	1.15E-12	8.11E-13	1.27E-11	7.92E-12	4.74E-11	7.51E-13	1.71E-11	2.34E-09	2.16E-10	2.79E-09
506	SG_506	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6367.700	1.03E-08	1.97E-08	6.92E-08	2.24E-09	5.56E-12	1.19E-06	3.28E-09	1.02E-09	2.01E-17	5.33E-10	1.41E-12	9.95E-13	1.56E-11	9.71E-12	5.81E-11	9.21E-13	2.10E-11	2.87E-09	2.65E-10	3.42E-09
507	SG_507	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6367.700	1.34E-08	2.59E-08	8.98E-08	3.25E-09	7.26E-12	1.65E-06	4.29E-09	1.34E-09	2.62E-17	6.96E-10	1.85E-12	1.30E-12	2.04E-11	1.27E-11	7.60E-11	1.20E-12	2.74E-11	3.75E-09	3.47E-10	4.46E-09
508	SG_508	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.700	1.94E-08	3.73E-08	1.28E-07	4.70E-09	1.05E-11	2.38E-06	6.21E-09	1.94E-09	3.79E-17	1.01E-09	2.67E-12	1.89E-12	2.95E-11	1.84E-11	1.10E-10	1.74E-12	3.97E-11	5.42E-09	5.02E-10	6.46E-09
509	SG_509	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.700	3.34E-08	6.40E-08	2.19E-07	7.40E-09	1.82E-11	4.09E-06	1.07E-08	3.35E-09	6.55E-17	1.74E-09	4.62E-12	3.26E-12	5.10E-11	3.18E-11	1.90E-10	3.01E-12	6.86E-11	9.37E-09	8.67E-10	1.12E-08
510	SG_510	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.700	6.50E-08	1.25E-07	4.29E-07	1.62E-08	3.53E-11	9.02E-06	2.09E-08	6.51E-09	1.27E-16	3.38E-09	9.00E-12	6.36E-12	9.91E-11	6.18E-11	3.69E-10	5.85E-12	1.33E-10	1.82E-08	1.69E-09	2.17E-08
511	SG_511	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6367.700	1.37E-07	2.69E-07	9.15E-07	5.30E-08	7.46E-11	2.29E-05	4.40E-08	1.37E-08	2.69E-16	7.14E-09	1.90E-11	1.35E-11	2.09E-10	1.30E-10	7.79E-10	1.24E-11	2.81E-10	3.84E-08	3.56E-09	4.58E-08
518	SG_518	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.700	2.54E-08	5.06E-08	2.19E-07	2.59E-09	1.38E-11	1.14E-06	8.16E-09	2.55E-09	4.98E-17	1.32E-09	3.49E-12	2.44E-12	3.87E-11	2.41E-11	1.44E-10	2.28E-12	5.22E-11	7.12E-09	6.59E-10	8.49E-09
519	SG_519	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.700	2.53E-08	5.04E-08	2.24E-07	2.15E-09	1.37E-11	9.05E-07	8.12E-09	2.53E-09	4.96E-17	1.32E-09	3.48E-12	2.43E-12	3.86E-11	2.40E-11	1.44E-10	2.28E-12	5.19E-11	7.09E-09	6.56E-10	8.45E-09
520	SG_520	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.700	2.35E-08	4.69E-08	2.11E-07	1.84E-09	1.28E-11	7.68E-07	7.56E-09	2.36E-09	4.61E-17	1.23E-09	3.24E-12	2.27E-12	3.59E-11	2.23E-11	1.34E-10	2.12E-12	4.83E-11	6.60E-09	6.11E-10	7.86E-09
521	SG_521	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.700	2.18E-08	4.35E-08	1.97E-07	1.62E-09	1.18E-11	6.91E-07	6.99E-09	2.18E-09	4.27E-17	1.13E-09	3.00E-12	2.10E-12	3.32E-11	2.07E-11	1.24E-10	1.96E-12	4.47E-11	6.10E-09	5.65E-10	7.27E-09

AQIA DATA - SCENARIO 1 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
522	SG_522	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.700	1.96E-08	3.93E-08	1.79E-07	1.41E-09	1.07E-11	6.12E-07	6.31E-09	1.97E-09	3.85E-17	1.02E-09	2.71E-12	1.89E-12	2.99E-11	1.86E-11	1.12E-10	1.77E-12	4.03E-11	5.50E-09	5.09E-10	6.56E-09
523	SG_523	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.700	1.73E-08	3.47E-08	1.59E-07	1.23E-09	9.40E-12	5.26E-07	5.56E-09	1.74E-09	3.40E-17	9.01E-10	2.39E-12	1.67E-12	2.64E-11	1.64E-11	9.84E-11	1.56E-12	3.56E-11	4.85E-09	4.49E-10	5.78E-09
524	SG_524	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.700	1.49E-08	2.97E-08	1.36E-07	1.05E-09	8.06E-12	4.38E-07	4.77E-09	1.49E-09	2.91E-17	7.74E-10	2.05E-12	1.43E-12	2.27E-11	1.41E-11	8.45E-11	1.34E-12	3.05E-11	4.17E-09	3.85E-10	4.96E-09
525	SG_525	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.700	1.33E-08	2.66E-08	1.22E-07	9.44E-10	7.22E-12	3.92E-07	4.27E-09	1.33E-09	2.61E-17	6.92E-10	1.83E-12	1.28E-12	2.03E-11	1.26E-11	7.56E-11	1.20E-12	2.73E-11	3.73E-09	3.45E-10	4.44E-09
526	SG_526	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6367.700	1.13E-08	2.26E-08	1.03E-07	8.15E-10	6.14E-12	3.36E-07	3.63E-09	1.13E-09	2.22E-17	5.89E-10	1.56E-12	1.09E-12	1.72E-11	1.07E-11	6.43E-11	1.02E-12	2.32E-11	3.17E-09	2.93E-10	3.78E-09
527	SG_527	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.700	9.69E-09	1.94E-08	8.78E-08	7.13E-10	5.26E-12	2.97E-07	3.11E-09	9.71E-10	1.90E-17	5.04E-10	1.33E-12	9.36E-13	1.48E-11	9.19E-12	5.51E-11	8.71E-13	1.99E-11	2.71E-09	2.51E-10	3.23E-09
528	SG_528	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6367.900	3.28E-09	4.87E-09	1.90E-08	2.69E-10	1.52E-12	2.24E-07	9.01E-10	2.81E-10	5.50E-18	1.46E-10	3.88E-13	2.73E-13	4.28E-12	2.66E-12	1.60E-11	2.53E-13	5.76E-12	7.86E-10	7.28E-11	9.37E-10
529	SG_529	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6367.900	3.72E-09	5.70E-09	2.22E-08	3.08E-10	1.77E-12	2.65E-07	1.04E-09	3.26E-10	6.37E-18	1.69E-10	4.49E-13	3.16E-13	4.95E-12	3.09E-12	1.85E-11	2.92E-13	6.67E-12	9.11E-10	8.43E-11	1.09E-09
530	SG_530	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.900	4.15E-09	6.69E-09	2.58E-08	3.47E-10	2.04E-12	2.91E-07	1.21E-09	3.77E-10	7.37E-18	1.96E-10	5.20E-13	3.66E-13	5.73E-12	3.57E-12	2.14E-11	3.38E-13	7.72E-12	1.05E-09	9.75E-11	1.26E-09
531	SG_531	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6367.900	4.72E-09	7.99E-09	3.06E-08	4.07E-10	2.41E-12	3.29E-07	1.42E-09	4.44E-10	8.69E-18	2.31E-10	6.13E-13	4.31E-13	6.76E-12	4.21E-12	2.52E-11	3.99E-13	9.10E-12	1.24E-09	1.15E-10	1.48E-09
532	SG_532	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.900	5.44E-09	9.52E-09	3.62E-08	4.94E-10	2.84E-12	3.80E-07	1.68E-09	5.24E-10	1.03E-17	2.72E-10	7.23E-13	5.09E-13	7.98E-12	4.97E-12	2.97E-11	4.71E-13	1.07E-11	1.47E-09	1.36E-10	1.75E-09
533	SG_533	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.900	6.16E-09	1.10E-08	4.13E-08	6.17E-10	3.27E-12	4.37E-07	1.93E-09	6.03E-10	1.18E-17	3.13E-10	8.32E-13	5.86E-13	9.18E-12	5.72E-12	3.42E-11	5.42E-13	1.24E-11	1.69E-09	1.56E-10	2.01E-09
534	SG_534	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6367.900	6.89E-09	1.25E-08	4.60E-08	8.09E-10	3.69E-12	5.20E-07	2.18E-09	6.81E-10	1.33E-17	3.54E-10	9.40E-13	6.62E-13	1.04E-11	6.46E-12	3.87E-11	6.12E-13	1.40E-11	1.91E-09	1.76E-10	2.27E-09
535	SG_535	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6367.900	7.84E-09	1.45E-08	5.22E-08	1.13E-09	4.22E-12	6.72E-07	2.50E-09	7.79E-10	1.52E-17	4.05E-10	1.07E-12	7.56E-13	1.19E-11	7.38E-12	4.42E-11	7.00E-13	1.60E-11	2.18E-09	2.02E-10	2.60E-09
536	SG_536	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6367.900	8.92E-09	1.67E-08	5.90E-08	1.54E-09	4.82E-12	8.49E-07	2.85E-09	8.90E-10	1.74E-17	4.62E-10	1.23E-12	8.64E-13	1.35E-11	8.43E-12	5.05E-11	7.99E-13	1.82E-11	2.49E-09	2.30E-10	2.97E-09
537	SG_537	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6367.900	1.07E-08	2.02E-08	7.03E-08	2.09E-09	5.78E-12	1.10E-06	3.42E-09	1.07E-09	2.09E-17	5.54E-10	1.47E-12	1.03E-12	1.62E-11	1.01E-11	6.05E-11	9.58E-13	2.18E-11	2.98E-09	2.76E-10	3.55E-09
538	SG_538	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6367.900	1.36E-08	2.57E-08	8.85E-08	2.84E-09	7.36E-12	1.44E-06	4.35E-09	1.36E-09	2.66E-17	7.06E-10	1.87E-12	1.32E-12	2.07E-11	1.29E-11	7.71E-11	1.22E-12	2.78E-11	3.80E-09	3.52E-10	4.53E-09
539	SG_539	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.900	1.95E-08	3.65E-08	1.25E-07	3.91E-09	1.06E-11	2.03E-06	6.25E-09	1.95E-09	3.81E-17	1.01E-09	2.69E-12	1.90E-12	2.97E-11	1.85E-11	1.11E-10	1.75E-12	3.99E-11	5.45E-09	5.05E-10	6.50E-09
540	SG_540	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.900	3.15E-08	5.86E-08	2.01E-07	5.38E-09	1.71E-11	3.18E-06	1.01E-08	3.16E-09	6.18E-17	1.64E-09	4.36E-12	3.08E-12	4.81E-11	2.99E-11	1.79E-10	2.84E-12	6.47E-11	8.83E-09	8.17E-10	1.05E-08
541	SG_541	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.900	5.22E-08	9.81E-08	3.44E-07	9.00E-09	2.84E-11	5.43E-06	1.68E-08	5.23E-09	1.02E-16	2.72E-09	7.23E-12	5.11E-12	7.97E-11	4.96E-11	2.97E-10	4.70E-12	1.07E-10	1.46E-08	1.35E-09	1.75E-08
542	SG_542	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6367.900	7.38E-08	1.42E-07	4.94E-07	2.27E-08	4.01E-11	9.24E-06	2.37E-08	7.39E-09	1.45E-16	3.84E-09	1.02E-11	7.18E-12	1.12E-10	7.01E-11	4.19E-10	6.64E-12	1.51E-10	2.07E-08	1.91E-09	2.46E-08
549	SG_549	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.900	2.47E-08	4.88E-08	2.14E-07	1.88E-09	1.34E-11	9.19E-07	7.93E-09	2.47E-09	4.84E-17	1.28E-09	3.40E-12	2.37E-12	3.76E-11	2.34E-11	1.40E-10	2.22E-12	5.07E-11	6.92E-09	6.40E-10	8.24E-09
550	SG_550	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.900	2.43E-08	4.84E-08	2.17E-07	1.69E-09	1.32E-11	7.91E-07	7.82E-09	2.44E-09	4.77E-17	1.27E-09	3.35E-12	2.34E-12	3.71E-11	2.31E-11	1.38E-10	2.19E-12	5.00E-11	6.82E-09	6.31E-10	8.13E-09
551	SG_551	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.900	2.21E-08	4.39E-08	1.98E-07	1.48E-09	1.20E-11	6.74E-07	7.09E-09	2.21E-09	4.33E-17	1.15E-09	3.04E-12	2.12E-12	3.37E-11	2.09E-11	1.26E-10	1.99E-12	4.53E-11	6.19E-09	5.73E-10	7.37E-09
552	SG_552	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.900	2.00E-08	3.98E-08	1.81E-07	1.33E-09	1.08E-11	5.96E-07	6.41E-09	2.00E-09	3.92E-17	1.04E-09	2.75E-12	1.92E-12	3.04E-11	1.89E-11	1.14E-10	1.80E-12	4.10E-11	5.60E-09	5.18E-10	6.67E-09
553	SG_553	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.900	1.76E-08	3.50E-08	1.59E-07	1.17E-09	9.53E-12	5.11E-07	5.64E-09	1.76E-09	3.44E-17	9.14E-10	2.42E-12	1.69E-12	2.68E-11	1.67E-11	9.99E-11	1.58E-12	3.61E-11	4.92E-09	4.56E-10	5.87E-09
554	SG_554	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.900	1.59E-08	3.17E-08	1.45E-07	1.06E-09	8.62E-12	4.56E-07	5.10E-09	1.59E-09	3.12E-17	8.27E-10	2.19E-12	1.53E-12	2.42E-11	1.51E-11	9.03E-11	1.43E-12	3.26E-11	4.45E-09	4.12E-10	5.31E-09
555	SG_555	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.900	1.44E-08	2.88E-08	1.32E-07	9.62E-10	7.80E-12	4.08E-07	4.62E-09	1.44E-09	2.82E-17	7.48E-10	1.98E-12	1.39E-12	2.19E-11	1.36E-11	8.17E-11	1.29E-12	2.95E-11	4.03E-09	3.73E-10	4.80E-09
556	SG_556	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.900	1.29E-08	2.57E-08	1.18E-07	8.67E-10	6.97E-12	3.61E-07	4.13E-09	1.29E-09	2.52E-17	6.69E-10	1.77E-12	1.24E-12	1.96E-11	1.22E-11	7.30E-11	1.16E-12	2.64E-11	3.60E-09	3.33E-10	4.29E-09
557	SG_557	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6367.900	1.08E-08	2.17E-08	9.90E-08	7.45E-10	5.88E-12	2.98E-07	3.48E-09	1.09E-09	2.13E-17	5.64E-10	1.49E-12	1.05E-12	1.65E-11	1.03E-11	6.16E-11	9.76E-13	2.23E-11	3.04E-09	2.81E-10	3.62E-09
558	SG_558	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6367.900	9.59E-09	1.92E-08	8.76E-08	6.68E-10	5.20E-12	2.67E-07	3.08E-09	9.61E-10	1.88E-17	4.99E-10	1.32E-12	9.26E-13	1.46E-11	9.10E-12	5.45E-11	8.63E-13	1.97E-11	2.69E-09	2.49E-10	3.20E-09
559	SG_559	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.100	3.50E-09	5.24E-09	2.06E-08	2.70E-10	1.64E-12	2.36E-07	9.69E-10	3.02E-10	5.91E-18	1.57E-10	4.17E-13	2.93E-13	4.60E-12	2.86E-12	1.72E-11	2.72E-13	6.19E-12	8.46E-10	7.82E-11	1.01E-09
560	SG_560	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.100	3.98E-09	6.22E-09	2.44E-08	3.08E-10	1.92E-12	2.74E-07	1.14E-09	3.54E-10	6.93E-18	1.84E-10	4.88E-13	3.44E-13	5.39E-12	3.36E-12	2.01E-11	3.18E-13	7.26E-12	9.91E-10	9.17E-11	1.18E-09
561	SG_561	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.100	4.43E-09	7.28E-09	2.82E-08	3.40E-10	2.22E-12	2.84E-07	1.31E-09	4.10E-10	8.03E-18	2.13E-10	5.66E-13	3.98E-13	6.24E-12	3.89E-12	2.33E-11	3.69E-13	8.40E-12	1.15E-09	1.06E-10	1.37E-09
562	SG_562	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.100	5.28E-09	9.07E-09	3.52E-08	4.08E-10	2.73E-12	3.33E-07	1.62E-09	5.04E-10	9.87E-18	2.62E-10	6.95E-13	4.89E-13	7.67E-12	4.78E-12	2.86E-11	4.53E-13	1.03E-11	1.41E-09	1.31E-10	1.68E-09
563	SG_563	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6368.100	6.40E-09	1.13E-08	4.42E-08	5.04E-10	3.38E-12	3.93E-07	2.00E-09	6.23E-10	1.22E-17	3.24E-10	8.59E-13	6.05E-13	9.48E-12	5.90E-12	3.53E-11	5.60E-13	1.28E-11	1.74E-09	1.61E-10	2.08E-09
564	SG_564	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.100	7.47E-09	1.34E-08	5.19E-08	6.22E-10	3.99E-12	4.41E-07	2.36E-09	7.36E-10	1.44E-17	3.83E-10	1.02E-12	7.15E-13	1.12E-11	6.98E-12	4.18E-11	6.61E-13	1.51E-11	2.06E-09	1.91E-10	2.45E-09
565	SG_565	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.100	8.47E-09	1.54E-08	5.82E-08	8.06E-10	4.55E-12	5.23E-07	2.69E-09	8.40E-10	1.64E-17	4.37E-10	1.16E-12	8.16E-13	1.28E-11	7.96E-12	4.77E-11	7.55E-13	1.72E-11	2.35E-09	2.17E-10	2.80E-09
566	SG_566	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6368.100	9.28E-09	1.69E-08	6.20E-08	1.08E-09	5.01E-12	6.39E-07	2.96E-09	9.24E-10	1.81E-17	4.80E-10	1.27E-12	8.97E-13	1.41E-11	8.76E-12	5.24E-11	8.30E-13	1.89E-11	2.59E-09	2.39E-10	3.08E-09
567	SG_567	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.100	1.02E-08	1.87E-08	6.61E-08	1.42E-09	5.52E-12	7.81E-07	3.26E-09	1.02E-09	1.99E-17	5.29E-10	1.40E-12	9.88E-13	1.55E-11	9.65E-12	5.78E-11	9.14E-13	2.09E-11	2.85E-09	2.63E-10	3.39E-09
568	SG_568	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.100	1.19E-08	2.19E-08	7.62E-08	1.85E-09	6.47E-12	9.79E-07	3.82E-09	1.19E-09	2.34E-17	6.20E-10	1.65E-12	1.16E-12	1.82E-11	1.13E-11	6.77E-11	1.07E-12	2.44E-11	3.34E-09	3.09E-10	3.98E-09
569	SG_569	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.100	1.53E-08	2.80E-08	9.68E-08	2.41E-09	8.32E-12	1.28E-06	4.92E-09	1.53E-09	3.00E-17	7.97E-10	2.12E-12	1.49E-12	2.33E-11	1.45E-11	8.70E-11	1.38E-12	3.14E-11	4.29E-09	3.97E-10	5.11E-09
570	SG_570	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.100	2.16E-08	3.89E-08	1.34E-07	3.00E-09	1.17E-11	1.59E-06	6.93E-09	2.16E-09	4.23E-17	1.12E-09	2.98E-12	2.11E-12	3.29E-11	2.05E-11	1.23E-10	1.94E-12	4.43E-11	6.05E-09	5.60E-10	7.21E-09
571	SG_571	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.100	3.78E-08	6.84E-08	2.46E-07	4.14E-09	2.06E-11	2.31E-06	1.21E-08	3.79E-09	7.41E-17	1.97E-09	5.23E-12	3.70E-12	5.77E-11	3.59E-11	2.15E-10	3.41E-12	7.76E-11	1.06E-08	9.81E-10	1.26E-08
572	SG_572	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.100	7.13E-08	1.32E-07	5.02E-07	7.31E-09	3.88E-11	3.99E-06	2.29E-08	7.15E-09	1.40E-16	3.71E-09	9.87E-12	6.97E-12	1.09E-10	6.78E-11	4.05E-10	6.42E-12	1.46E-10	2.00E-08	1.85E-09	2.38E-08
574	SG_574	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.100	5.50E-08	9.98E-08	3.58E-07	7.88E-09	2.99E-11	3.16E-06	1.77E-08	5.51E-09	1.08E-16	2.86E-09	7.59E-12	5.32E-12	8.39E-11	5.22E-11	3.13E-10	4.95E-12	1.13E-10	1.54E-08	1.43E-09	1.84E-08
576	SG_576	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.100	3.83E-08	7.28E-08	2.88E-07	3.45E-09	2.08E-11	1.89E-06	1.23E-08	3.84E-09	7.51E-17	1.99E-09	5.28E-12	3.70E-12	5.84E-11	3.63E-11	2.18E-10	3.45E-12	7.86E-11	1.07E-08	9.94E-10	1.28E-08
578	SG_578	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.100	2.54E-08	4.88E-08	2.04E-07	1.74E-09	1.38E-11	9.54E-07	8.16E-09	2.55E-09	4.98E-17	1.32E-09	3.50E-12	2.45E-12	3.87E-11	2.41E-11	1.44E-10	2.29E-12	5.22E-11	7.12E-09	6.59E-10	8.48E-09
579	SG_579	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.100	2.39E-08	4.64E-08	2.00E-07	1.57E-09	1.30E-11	8.33E-07	7.67E-09	2.39E-09	4.68E-17	1.24E-09	3.29E-12	2.30E-12	3.64E-11	2.27E-11	1.36E-10	2.15E-12	4.91E-11	6.70E-09	6.20E-10	7.98E-09
580	SG_580	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.100	2.33E-08	4.57E-08	2.01E-07	1.48E-09	1.26E-11	7.50E-07	7.48E-09	2.33E-09	4.57E-17	1.21E-09	3.21E-12	2.24E-12	3.55E-11	2.21E-11	1.32E-10	2.09E-12	4.78E-11	6.53E-09	6.04E-10	7.78E-09
581	SG_581	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.100	2.29E-08	4.54E-08	2.04E-07	1.43E-09	1.24E-11	7.09E-07	7.36E-09	2.30E-09	4.50E-17	1.19E-09	3.16E-12	2.21E-12	3.50E-11	2.17E-11	1.30E-10	2.06E-12	4.71E-11	6.43E-09	5.95E-10	7.66E-09
582	SG_582	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.100	1.99E-08	3.94E-08	1.77E-07	1.25E-09	1.08E-11	5.82E-07	6.39E-09	1.99E-09	3.90E-17	1.04E-09	2.74E-12	1.92E-12	3.03E-11	1.89E-11	1.13E-10	1.79E-12	4.08E-11	5.58E-09	5.16E-10	6.64E-09
583	SG_583	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.100	1.84E-08	3.65E-08	1.66E-07	1.16E-09	9.97E-12	5.32E-07	5.90E-09	1.84E-09	3.60E-17	9.57E-10	2.53E-12	1.77E-12	2.80E-11	1.74E-11	1.04E-10	1.65E-12	3.77E-11	5.15E-09	4.77E-10	6.14E-09
584	SG_584	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.100	1.72E-08	3.44E-08	1.57E-07	1.09E-09	9.33E-12	4.97E-07	5.52E-09	1.72E-09	3.37E-17	8.95E-10	2.37E-12	1.66E-12	2.62E-11	1.63E-11	9.78E-11	1.55E-12	3.53E-11	4.82E-09	4.46E-10	5.75E-09
585	SG_585	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.100	1.54E-08	3.07E-08	1.41E-07	9.83E-10	8.33E-12	4.35E-07	4.93E-09	1.54E-09	3.01E-17	7.99E-10	2.11E-12	1.48E-12	2.34E-11	1.46E-11	8.73E-11	1.38E-12	3.15E-11	4.30E-09	3.98E-10	5.13E-09
586	SG_586	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.100	1.40E-08	2.81E-08	1.30E-07	9.06E-10	7.62E-12	3.93E-07	4.51E-09	1.41E-09	2.75E-17	7.31E-10	1.93E-12	1.35E-12	2.14E-11	1.33E-11	7.98E-11	1.26E-12	2.88E-11	3.94E-09	3.64E-10	4.69E-09
587	SG_587	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.100	1.22E-08	2.45E-08	1.13E-07	8.01E-10	6.64E-12	3.33E-07	3.93E-09	1.23E-09	2.40E-17	6.37E-10	1.69E-12	1.18E-12	1.87E-11	1.16E-11	6.96E-11	1.10E-12	2.51E-11	3.43E-09	3.18E-10	4.09E-09
588	SG_588	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.100	1.08E-08	2.15E-08	9.88E-08	7.14E-10	5.83E-12	2.87E-07	3.45E-09	1.08E-09	2.11E-17	5.60E-10	1.48E-12	1.04E-12	1.64E-11	1.02E-11	6.11E-11	9.67E-13	2.21E-11	3.01E-09	2.79E-10	3.59E-09
589	SG_589	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6368.100	9.91E-09	1.98E-08	9.16E-08	6.63E-10	5.37E-12	2.66E-07	3.18E-09	9.92E-10	1.94E-17	5.15E-10	1.36E-12	9.56E-13	1.51E-11	9.40E-12	5.63E-11	8.91E-13	2.03E-11	2.78E-09	2.57E-10	3.31E-09
590	SG_590	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.300	3.67E-09	5.56E-09	2.19E-08	2.65E-10	1.74E-12	2.30E-07	1.03E-09	3.22E-10	6.30E-18	1.67E-10	4.44E-13	3.12E-13	4.90E-12	3.05E-12	1.83E-11	2.89E-13	6.59E-12	9.00E-10	8.33E-11	1.07E-09
591	SG_591	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.300	4.24E-09	6.63E-09	2.61E-08	3.03E-10	2.06E-12	2.68E-07	1.22E-09	3.80E-10	7.44E-18	1.98E-10	5.24E-13	3.69E-13	5.78E-12	3.60E-12	2.16E-11	3.41E-13	7.79E-12	1.06E-09	9.84E-11	1.27E-09
592	SG_592	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.300	4.93E-09	8.07E-09	3.16E-08	3.46E-10	2.48E-12	2.97E-07	1.46E-09	4.57E-10	8.94E-18	2.38E-10	6.30E-13	4.43E-13	6.96E-12	4.33E-12	2.59E-11	4.11E-13	9.36E-12	1.28E-09	1.18E-10	1.52E-09
593	SG_593	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.300	5.95E-09	1.01E-08	4.00E-08	4.05E-10	3.08E-12	3.27E-07	1.82E-09	5.68E-10	1.11E-17	2.95E-10	7.83E-13	5.51E-13	8.64E-12	5.38E-12	3.22E-11	5.10E-13	1.16E-11	1.59E-09	1.47E-10	1.89E-09
594	SG_594	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.300	7.45E-09	1.31E-08	5.24E-08	4.96E-10	3.93E-12	3.68E-07	2.32E-09	7.24E-10	1.42E-17	3.76E-10	9.98E-13	7.03E-13	1.10E-11	6.86E-12	4.11E-11	6.51E-13	1.48E-11	2.03E-09	1.87E-10	2.41E-09
595	SG_595	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.300	9.23E-09	1.66E-08	6.69E-08	6.29E-10	4.93E-12	4.30E-07	2.91E-09	9.09E-10	1.78E-17	4.72E-10	1.25E-12	8.81E-13	1.38E-11	8.61E-12	5.16E-11	8.16E-13	1.86E-11	2.54E-09	2.35E-10	3.03E-09
596	SG_596	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6368.300	1.05E-08	1.91E-08	7.52E-08	7.90E-10	5.66E-12	4.94E-07	3.35E-09	1.04E-09	2.04E-17	5.43E-10	1.44E-12	1.01E-12	1.59E-11	9.90E-12	5.92E-11	9.38E-13	2.14E-11	2.92E-09	2.70E-10	3.48E-09
597	SG_597	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6368.300	1.14E-08	2.06E-08	7.83E-08	1.01E-09	6.17E-12	5.93E-07	3.65E-09	1.14E-09	2.23E-17	5.91E-10	1.57E-12	1.10E-12	1.73E-11	1.08E-11	6.45E-11	1.02E-12	2.33E-11	3.18E-09	2.94E-10	3.79E-09
598	SG_598	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.300	1.22E-08	2.19E-08	7.92E-08	1.26E-09	6.60E-12	6.95E-07	3.90E-09	1.22E-09	2.38E-17	6.32E-10	1.68E-12	1.18E-12	1.85E-11	1.15E-11	6.90E-11	1.09E-12	2.49E-11	3.40E-09	3.15E-10	4.06E-09
599	SG_599	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.300	1.42E-08	2.54E-08	9.02E-08	1.56E-09	7.70E-12	8.48E-07	4.55E-09	1.42E-09	2.78E-17	7.38E-10	1.96E-12	1.38E-12	2.16E-11	1.35E-11	8.05E-11	1.28E-12	2.91E-11	3.97E-09	3.67E-10	4.73E-09
600	SG_600	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.300	1.81E-08	3.22E-08	1.14E-07	1.90E-09	9.84E-12	1.01E-06	5.81E-09	1.81E-09	3.55E-17	9.43E-10	2.50E-12	1.76E-12	2.76E-11	1.72E-11	1.03E-10	1.63E-12	3.71E-11	5.07E-09	4.69E-10	6.05E-09
601	SG_601	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.300	2.67E-08	4.76E-08	1.72E-07	2.51E-09	1.45E-11	1.27E-06	8.58E-09	2.68E-09	5.24E-17	1.39E-09	3.70E-12	2.61E-12	4.08E-11	2.54E-11	1.52E-10	2.41E-12	5.48E-11	7.49E-09	6.93E-10	8.93E-09
602	SG_602	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.300	4.72E-08	8.58E-08	3.27E-07	4.00E-09	2.56E-11	1.95E-06	1.52E-08	4.73E-09	9.25E-17	2.46E-09	6.53E-12	4.61E-12	7.20E-11	4.48E-11	2.68E-10	4.25E-12	9.68E-11	1.32E-08	1.22E-09	1.58E-08
603	SG_603	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.300	7.61E-08	1.41E-07	5.56E-07	6.30E-09	4.13E-11	2.97E-06	2.44E-08	7.62E-09	1.49E-16	3.96E-09	1.05E-11	7.41E-12	1.16E-10	7.23E-11	4.32E-10	6.85E-12	1.56E-10	2.13E-08	1.97E-09	2.54E-08
604	SG_604	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.300	7.42E-08	1.34E-07	5.10E-07	6.80E-09	4.03E-11	2.93E-06	2.38E-08	7.44E-09	1.46E-16	3.86E-09	1.02E-11	7.19E-12	1.13E-10	7.04E-11	4.22E-10	6.68E-12	1.52E-10	2.08E-08	1.93E-09	2.48E-08
605	SG_605	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.300	5.77E-08	1.03E-07	3.84E-07	5.02E-09	3.13E-11	1.98E-06	1.85E-08	5.79E-09	1.13E-16	3.01E-09	7.96E-12	5.59E-12	8.80E-11	5.48E-11	3.28E-10	5.20E-12	1.19E-10	1.62E-08	1.50E-09	1.93E-08
606	SG_606	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.300	4.80E-08	8.78E-08	3.38E-07	3.54E-09	2.61E-11	1.60E-06	1.54E-08	4.81E-09	9.42E-17	2.50E-09	6.63E-12	4.66E-12	7.32E-11	4.56E-11	2.73E-10	4.32E-12	9.86E-11	1.35E-08	1.25E-09	1.60E-08
607	SG_607	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.300	4.46E-08	8.44E-08	3.45E-07	2.98E-09	2.42E-11	1.54E-06	1.43E-08	4.47E-09	8.75E-17	2.32E-09	6.16E-12	4.33E-12	6.80E-11	4.24E-11	2.54E-10	4.02E-12	9.16E-11	1.25E-08	1.16E-09	1.49E-08
608	SG_608	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.300	3.60E-08	6.89E-08	2.88E-07	2.29E-09	1.95E-11	1.17E-06	1.16E-08	3.61E-09	7.06E-17	1.88E-09	4.96E-12	3.48E-12	5.49E-11	3.42E-11	2.05E-10	3.24E-12	7.40E-11	1.01E-08	9.34E-10	1.20E-08
609	SG_609	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.300	2.78E-08	5.33E-08	2.25E-07	1.70E-09	1.51E-11	8.54E-07	8.93E-09	2.79E-09	5.45E-17	1.45E-09	3.83E-12	2.68E-12	4.24E-11	2.64E-11	1.58E-10	2.50E-12	5.71E-11	7.80E-09	7.22E-10	9.29E-09
610	SG_610	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.300	2.31E-08	4.45E-08	1.91E-07	1.37E-09	1.25E-11	6.84E-07	7.42E-09	2.32E-09	4.53E-17	1.20E-09	3.18E-12	2.23E-12	3.52E-11	2.19E-11	1.31E-10	2.08E-12	4.75E-11	6.48E-09	6.00E-10	7.72E-09
611	SG_611	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.300	2.08E-08	4.05E-08	1.77E-07	1.22E-09	1.13E-11	6.09E-07	6.69E-09	2.09E-09	4.08E-17	1.08E-09	2.87E-12	2.01E-12	3.18E-11	1.98E-11	1.18E-10	1.87E-12	4.28E-11	5.84E-09	5.40E-10	6.96E-09
612	SG_612	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.300	1.90E-08	3.71E-08	1.64E-07	1.12E-09	1.03E-11	5.46E-07	6.09E-09	1.90E-09	3.72E-17	9.87E-10	2.61E-12	1.83E-12	2.89E-11	1.80E-11	1.08E-10	1.71E-12	3.89E-11	5.32E-09	4.92E-10	6.33E-09
613	SG_613	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.300	1.76E-08	3.46E-08	1.55E-07	1.06E-09	9.54E-12	5.01E-07	5.64E-09	1.76E-09	3.45E-17	9.15E-10	2.42E-12	1.70E-12	2.68E-11	1.67E-11	9.99E-11	1.58E-12	3.61E-11	4.93E-09	4.56E-10	5.87E-09

AQIA DATA - SCENARIO 1 GRID MAX

Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
614	SG_614	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.300	1.65E-08	3.28E-08	1.48E-07	1.01E-09	8.98E-12	4.69E-07	5.31E-09	1.66E-09	3.24E-17	8.61E-10	2.28E-12	1.60E-12	2.52E-11	1.57E-11	9.40E-11	1.49E-12	3.40E-11	4.64E-09	4.29E-10	5.53E-09
615	SG_615	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.300	1.60E-08	3.20E-08	1.47E-07	9.85E-10	8.69E-12	4.56E-07	5.14E-09	1.60E-09	3.14E-17	8.33E-10	2.21E-12	1.55E-12	2.44E-11	1.52E-11	9.10E-11	1.44E-12	3.29E-11	4.49E-09	4.15E-10	5.35E-09
616	SG_616	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.300	1.42E-08	2.84E-08	1.30E-07	8.89E-10	7.72E-12	3.92E-07	4.57E-09	1.43E-09	2.79E-17	7.40E-10	1.96E-12	1.37E-12	2.17E-11	1.35E-11	8.08E-11	1.28E-12	2.92E-11	3.99E-09	3.69E-10	4.75E-09
617	SG_617	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.300	1.30E-08	2.60E-08	1.20E-07	8.21E-10	7.05E-12	3.51E-07	4.17E-09	1.30E-09	2.55E-17	6.76E-10	1.79E-12	1.25E-12	1.98E-11	1.23E-11	7.38E-11	1.17E-12	2.67E-11	3.64E-09	3.37E-10	4.34E-09
618	SG_618	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.300	1.23E-08	2.47E-08	1.14E-07	7.82E-10	6.67E-12	3.32E-07	3.95E-09	1.23E-09	2.41E-17	6.40E-10	1.69E-12	1.19E-12	1.87E-11	1.17E-11	6.99E-11	1.11E-12	2.52E-11	3.44E-09	3.19E-10	4.10E-09
619	SG_619	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.300	1.08E-08	2.17E-08	1.00E-07	6.99E-10	5.86E-12	2.83E-07	3.47E-09	1.08E-09	2.12E-17	5.63E-10	1.49E-12	1.04E-12	1.65E-11	1.03E-11	6.14E-11	9.72E-13	2.22E-11	3.03E-09	2.80E-10	3.61E-09
620	SG_620	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.300	1.01E-08	2.04E-08	9.47E-08	6.61E-10	5.51E-12	2.67E-07	3.26E-09	1.02E-09	1.99E-17	5.28E-10	1.40E-12	9.81E-13	1.55E-11	9.63E-12	5.77E-11	9.13E-13	2.08E-11	2.84E-09	2.63E-10	3.39E-09
621	SG_621	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.500	3.94E-09	6.12E-09	2.44E-08	2.66E-10	1.91E-12	2.30E-07	1.13E-09	3.52E-10	6.89E-18	1.83E-10	4.85E-13	3.41E-13	5.36E-12	3.34E-12	2.00E-11	3.16E-13	7.21E-12	9.85E-10	9.11E-11	1.17E-09
622	SG_622	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.500	4.50E-09	6.99E-09	2.75E-08	2.92E-10	2.20E-12	2.50E-07	1.30E-09	4.05E-10	7.92E-18	2.10E-10	5.58E-13	3.93E-13	6.16E-12	3.84E-12	2.30E-11	3.64E-13	8.30E-12	1.13E-09	1.05E-10	1.35E-09
623	SG_623	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.500	5.31E-09	8.44E-09	3.31E-08	3.32E-10	2.64E-12	2.77E-07	1.56E-09	4.87E-10	9.53E-18	2.53E-10	6.71E-13	4.72E-13	7.41E-12	4.61E-12	2.76E-11	4.37E-13	9.97E-12	1.36E-09	1.26E-10	1.62E-09
624	SG_624	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.500	6.63E-09	1.10E-08	4.39E-08	4.01E-10	3.37E-12	3.23E-07	1.99E-09	6.22E-10	1.22E-17	3.23E-10	8.58E-13	6.04E-13	9.47E-12	5.90E-12	3.53E-11	5.59E-13	1.27E-11	1.74E-09	1.61E-10	2.07E-09
625	SG_625	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.500	8.53E-09	1.47E-08	6.07E-08	5.02E-10	4.44E-12	3.75E-07	2.63E-09	8.20E-10	1.60E-17	4.26E-10	1.13E-12	7.94E-13	1.25E-11	7.77E-12	4.65E-11	7.36E-13	1.68E-11	2.29E-09	2.12E-10	2.73E-09
626	SG_626	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.500	1.04E-08	1.84E-08	7.58E-08	6.08E-10	5.50E-12	4.04E-07	3.25E-09	1.02E-09	1.99E-17	5.28E-10	1.40E-12	9.84E-13	1.55E-11	9.62E-12	5.76E-11	9.12E-13	2.08E-11	2.84E-09	2.63E-10	3.39E-09
627	SG_627	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.500	1.19E-08	2.13E-08	8.59E-08	7.36E-10	6.37E-12	4.48E-07	3.77E-09	1.18E-09	2.30E-17	6.11E-10	1.62E-12	1.14E-12	1.79E-11	1.11E-11	6.67E-11	1.06E-12	2.41E-11	3.29E-09	3.04E-10	3.92E-09
628	SG_628	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6368.500	1.31E-08	2.34E-08	9.15E-08	8.95E-10	7.06E-12	5.17E-07	4.18E-09	1.30E-09	2.55E-17	6.77E-10	1.80E-12	1.26E-12	1.98E-11	1.23E-11	7.39E-11	1.17E-12	2.67E-11	3.64E-09	3.37E-10	4.34E-09
629	SG_629	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.500	1.45E-08	2.57E-08	9.71E-08	1.08E-09	7.81E-12	6.01E-07	4.61E-09	1.44E-09	2.82E-17	7.48E-10	1.99E-12	1.40E-12	2.19E-11	1.36E-11	8.17E-11	1.29E-12	2.95E-11	4.03E-09	3.73E-10	4.80E-09
630	SG_630	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.500	1.70E-08	3.02E-08	1.13E-07	1.29E-09	9.21E-12	6.88E-07	5.45E-09	1.70E-09	3.32E-17	8.83E-10	2.34E-12	1.65E-12	2.59E-11	1.61E-11	9.64E-11	1.53E-12	3.48E-11	4.75E-09	4.40E-10	5.66E-09
631	SG_631	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.500	2.28E-08	4.08E-08	1.56E-07	1.67E-09	1.24E-11	8.55E-07	7.30E-09	2.28E-09	4.46E-17	1.18E-09	3.14E-12	2.22E-12	3.47E-11	2.16E-11	1.29E-10	2.05E-12	4.67E-11	6.37E-09	5.90E-10	7.60E-09
632	SG_632	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.500	3.33E-08	6.04E-08	2.36E-07	2.45E-09	1.81E-11	1.17E-06	1.07E-08	3.34E-09	6.53E-17	1.73E-09	4.60E-12	3.25E-12	5.08E-11	3.16E-11	1.89E-10	3.00E-12	6.83E-11	9.33E-09	8.63E-10	1.11E-08
633	SG_633	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.500	5.08E-08	9.34E-08	3.74E-07	3.83E-09	2.76E-11	1.71E-06	1.63E-08	5.09E-09	9.95E-17	2.64E-09	7.02E-12	4.95E-12	7.74E-11	4.82E-11	2.89E-10	4.57E-12	1.04E-10	1.42E-08	1.32E-09	1.70E-08
634	SG_634	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.500	6.36E-08	1.17E-07	4.61E-07	5.08E-09	3.46E-11	2.05E-06	2.04E-08	6.38E-09	1.25E-16	3.31E-09	8.78E-12	6.18E-12	9.70E-11	6.04E-11	3.62E-10	5.73E-12	1.31E-10	1.78E-08	1.65E-09	2.13E-08
635	SG_635	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.500	6.04E-08	1.09E-07	4.16E-07	5.12E-09	3.28E-11	1.87E-06	1.94E-08	6.05E-09	1.18E-16	3.15E-09	8.33E-12	5.85E-12	9.21E-11	5.73E-11	3.43E-10	5.44E-12	1.24E-10	1.69E-08	1.57E-09	2.02E-08
636	SG_636	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.500	5.08E-08	9.09E-08	3.46E-07	3.97E-09	2.76E-11	1.42E-06	1.63E-08	5.09E-09	9.95E-17	2.64E-09	7.00E-12	4.91E-12	7.74E-11	4.82E-11	2.89E-10	4.57E-12	1.04E-10	1.42E-08	1.32E-09	1.70E-08
637	SG_637	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.500	4.15E-08	7.52E-08	2.91E-07	2.84E-09	2.25E-11	1.13E-06	1.33E-08	4.16E-09	8.14E-17	2.16E-09	5.73E-12	4.02E-12	6.33E-11	3.94E-11	2.36E-10	3.74E-12	8.52E-11	1.16E-08	1.08E-09	1.39E-08
638	SG_638	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.500	3.74E-08	6.97E-08	2.80E-07	2.38E-09	2.03E-11	1.06E-06	1.20E-08	3.75E-09	7.34E-17	1.95E-09	5.17E-12	3.63E-12	5.71E-11	3.55E-11	2.13E-10	3.37E-12	7.68E-11	1.05E-08	9.71E-10	1.25E-08
639	SG_639	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.500	3.40E-08	6.49E-08	2.71E-07	2.12E-09	1.85E-11	1.01E-06	1.09E-08	3.41E-09	6.67E-17	1.77E-09	4.70E-12	3.30E-12	5.19E-11	3.23E-11	1.94E-10	3.06E-12	6.99E-11	9.54E-09	8.83E-10	1.14E-08
640	SG_640	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.500	2.87E-08	5.52E-08	2.36E-07	1.76E-09	1.56E-11	8.61E-07	9.20E-09	2.87E-09	5.62E-17	1.49E-09	3.95E-12	2.77E-12	4.37E-11	2.72E-11	1.63E-10	2.58E-12	5.88E-11	8.03E-09	7.43E-10	9.57E-09
641	SG_641	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.500	2.29E-08	4.41E-08	1.90E-07	1.38E-09	1.24E-11	6.71E-07	7.35E-09	2.29E-09	4.49E-17	1.19E-09	3.15E-12	2.21E-12	3.49E-11	2.17E-11	1.30E-10	2.06E-12	4.70E-11	6.41E-09	5.94E-10	7.64E-09
642	SG_642	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.500	1.89E-08	3.65E-08	1.58E-07	1.12E-09	1.02E-11	5.40E-07	6.06E-09	1.89E-09	3.70E-17	9.83E-10	2.60E-12	1.82E-12	2.88E-11	1.79E-11	1.07E-10	1.70E-12	3.88E-11	5.29E-09	4.90E-10	6.31E-09
643	SG_643	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.500	1.62E-08	3.14E-08	1.37E-07	9.62E-10	8.77E-12	4.53E-07	5.19E-09	1.62E-09	3.17E-17	8.42E-10	2.23E-12	1.56E-12	2.46E-11	1.53E-11	9.19E-11	1.45E-12	3.32E-11	4.53E-09	4.19E-10	5.40E-09
644	SG_644	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.500	1.51E-08	2.95E-08	1.31E-07	9.04E-10	8.18E-12	4.24E-07	4.84E-09	1.51E-09	2.95E-17	7.84E-10	2.08E-12	1.46E-12	2.30E-11	1.43E-11	8.57E-11	1.36E-12	3.09E-11	4.22E-09	3.91E-10	5.03E-09
645	SG_645	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.500	1.41E-08	2.79E-08	1.25E-07	8.53E-10	7.68E-12	3.92E-07	4.54E-09	1.42E-09	2.77E-17	7.36E-10	1.95E-12	1.37E-12	2.16E-11	1.34E-11	8.04E-11	1.27E-12	2.90E-11	3.96E-09	3.67E-10	4.72E-09
646	SG_646	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.500	1.37E-08	2.73E-08	1.24E-07	8.33E-10	7.46E-12	3.77E-07	4.41E-09	1.38E-09	2.69E-17	7.15E-10	1.89E-12	1.33E-12	2.09E-11	1.30E-11	7.81E-11	1.24E-12	2.82E-11	3.85E-09	3.56E-10	4.59E-09
647	SG_647	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.500	1.30E-08	2.58E-08	1.18E-07	7.94E-10	7.04E-12	3.49E-07	4.16E-09	1.30E-09	2.54E-17	6.75E-10	1.79E-12	1.25E-12	1.98E-11	1.23E-11	7.37E-11	1.17E-12	2.66E-11	3.63E-09	3.36E-10	4.33E-09
648	SG_648	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.500	1.23E-08	2.46E-08	1.13E-07	7.60E-10	6.66E-12	3.26E-07	3.94E-09	1.23E-09	2.41E-17	6.39E-10	1.69E-12	1.19E-12	1.87E-11	1.17E-11	6.98E-11	1.10E-12	2.52E-11	3.44E-09	3.19E-10	4.10E-09
649	SG_649	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.500	1.14E-08	2.28E-08	1.05E-07	7.12E-10	6.17E-12	2.96E-07	3.65E-09	1.14E-09	2.23E-17	5.91E-10	1.57E-12	1.10E-12	1.73E-11	1.08E-11	6.46E-11	1.02E-12	2.33E-11	3.18E-09	2.95E-10	3.79E-09
650	SG_650	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.500	1.05E-08	2.11E-08	9.75E-08	6.66E-10	5.70E-12	2.69E-07	3.37E-09	1.05E-09	2.06E-17	5.47E-10	1.45E-12	1.02E-12	1.60E-11	9.96E-12	5.97E-11	9.45E-13	2.16E-11	2.94E-09	2.72E-10	3.51E-09
651	SG_651	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.500	9.95E-09	2.00E-08	9.30E-08	6.36E-10	5.40E-12	2.54E-07	3.19E-09	9.97E-10	1.95E-17	5.18E-10	1.37E-12	9.62E-13	1.52E-11	9.44E-12	5.65E-11	8.95E-13	2.04E-11	2.79E-09	2.58E-10	3.32E-09
652	SG_652	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.700	4.35E-09	7.09E-09	2.91E-08	2.76E-10	2.18E-12	2.31E-07	1.29E-09	4.02E-10	7.86E-18	2.09E-10	5.53E-13	3.88E-13	6.11E-12	3.80E-12	2.28E-11	3.61E-13	8.22E-12	1.12E-09	1.04E-10	1.34E-09
653	SG_653	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.700	4.97E-09	7.87E-09	3.17E-08	2.97E-10	2.46E-12	2.47E-07	1.45E-09	4.54E-10	8.87E-18	2.36E-10	6.25E-13	4.39E-13	6.90E-12	4.30E-12	2.57E-11	4.07E-13	9.29E-12	1.27E-09	1.17E-10	1.51E-09
654	SG_654	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.700	5.81E-09	9.12E-09	3.63E-08	3.29E-10	2.87E-12	2.69E-07	1.70E-09	5.30E-10	1.04E-17	2.75E-10	7.30E-13	5.14E-13	8.06E-12	5.02E-12	3.01E-11	4.76E-13	1.09E-11	1.48E-09	1.37E-10	1.77E-09
655	SG_655	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.700	6.96E-09	1.12E-08	4.47E-08	3.77E-10	3.50E-12	2.95E-07	2.07E-09	6.45E-10	1.26E-17	3.35E-10	8.89E-13	6.26E-13	9.81E-12	6.11E-12	3.66E-11	5.79E-13	1.32E-11	1.80E-09	1.67E-10	2.15E-09
656	SG_656	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.700	8.51E-09	1.42E-08	5.74E-08	4.47E-10	4.37E-12	3.23E-07	2.58E-09	8.06E-10	1.58E-17	4.19E-10	1.11E-12	7.82E-13	1.23E-11	7.64E-12	4.57E-11	7.24E-13	1.65E-11	2.25E-09	2.09E-10	2.69E-09
657	SG_657	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.700	1.04E-08	1.78E-08	7.27E-08	5.43E-10	5.42E-12	3.62E-07	3.20E-09	1.00E-09	1.96E-17	5.19E-10	1.38E-12	9.69E-13	1.52E-11	9.47E-12	5.67E-11	8.98E-13	2.05E-11	2.80E-09	2.59E-10	3.33E-09
658	SG_658	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.700	1.20E-08	2.10E-08	8.50E-08	6.48E-10	6.38E-12	4.02E-07	3.77E-09	1.18E-09	2.30E-17	6.12E-10	1.62E-12	1.14E-12	1.79E-11	1.12E-11	6.68E-11	1.06E-12	2.41E-11	3.29E-09	3.05E-10	3.93E-09
659	SG_659	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6368.700	1.34E-08	2.35E-08	9.24E-08	7.49E-10	7.16E-12	4.32E-07	4.24E-09	1.32E-09	2.59E-17	6.87E-10	1.82E-12	1.28E-12	2.01E-11	1.25E-11	7.50E-11	1.19E-12	2.71E-11	3.70E-09	3.42E-10	4.41E-09
660	SG_660	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.700	1.54E-08	2.70E-08	1.04E-07	8.92E-10	8.26E-12	4.84E-07	4.88E-09	1.52E-09	2.98E-17	7.91E-10	2.10E-12	1.48E-12	2.32E-11	1.44E-11	8.64E-11	1.37E-12	3.12E-11	4.26E-09	3.94E-10	5.08E-09
661	SG_661	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.700	1.90E-08	3.38E-08	1.32E-07	1.14E-09	1.03E-11	5.84E-07	6.07E-09	1.90E-09	3.71E-17	9.85E-10	2.62E-12	1.84E-12	2.88E-11	1.80E-11	1.08E-10	1.70E-12	3.88E-11	5.30E-09	4.91E-10	6.32E-09
662	SG_662	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.700	2.50E-08	4.50E-08	1.79E-07	1.56E-09	1.35E-11	7.38E-07	8.00E-09	2.50E-09	4.88E-17	1.30E-09	3.44E-12	2.43E-12	3.80E-11	2.37E-11	1.42E-10	2.24E-12	5.11E-11	6.98E-09	6.46E-10	8.32E-09
663	SG_663	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.700	3.51E-08	6.44E-08	2.62E-07	2.36E-09	1.91E-11	1.05E-06	1.13E-08	3.51E-09	6.88E-17	1.83E-09	4.85E-12	3.42E-12	5.35E-11	3.33E-11	1.99E-10	3.16E-12	7.20E-11	9.83E-09	9.10E-10	1.17E-08
664	SG_664	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.700	4.63E-08	8.54E-08	3.48E-07	3.36E-09	2.51E-11	1.38E-06	1.48E-08	4.63E-09	9.06E-17	2.41E-09	6.38E-12	4.50E-12	7.05E-11	4.39E-11	2.63E-10	4.16E-12	9.48E-11	1.30E-08	1.20E-09	1.54E-08
665	SG_665	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.700	5.11E-08	9.35E-08	3.74E-07	4.02E-09	2.77E-11	1.50E-06	1.64E-08	5.12E-09	1.00E-16	2.66E-09	7.05E-12	4.95E-12	7.79E-11	4.85E-11	2.91E-10	4.60E-12	1.05E-10	1.43E-08	1.33E-09	1.71E-08
666	SG_666	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.700	4.75E-08	8.55E-08	3.32E-07	3.88E-09	2.58E-11	1.31E-06	1.52E-08	4.76E-09	9.30E-17	2.47E-09	6.54E-12	4.59E-12	7.23E-11	4.50E-11	2.70E-10	4.27E-12	9.74E-11	1.33E-08	1.23E-09	1.58E-08
667	SG_667	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.700	4.14E-08	7.46E-08	2.89E-07	3.17E-09	2.25E-11	1.09E-06	1.33E-08	4.15E-09	8.11E-17	2.15E-09	5.71E-12	4.00E-12	6.31E-11	3.93E-11	2.35E-10	3.72E-12	8.49E-11	1.16E-08	1.07E-09	1.38E-08
668	SG_668	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.700	3.42E-08	6.20E-08	2.42E-07	2.37E-09	1.86E-11	8.82E-07	1.10E-08	3.43E-09	6.71E-17	1.78E-09	4.72E-12	3.31E-12	5.22E-11	3.25E-11	1.94E-10	3.08E-12	7.02E-11	9.59E-09	8.87E-10	1.14E-08
669	SG_669	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.700	3.03E-08	5.60E-08	2.24E-07	1.95E-09	1.64E-11	8.03E-07	9.72E-09	3.03E-09	5.94E-17	1.58E-09	4.18E-12	2.94E-12	4.62E-11	2.88E-11	1.72E-10	2.73E-12	6.22E-11	8.49E-09	7.85E-10	1.01E-08
670	SG_670	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.700	2.88E-08	5.47E-08	2.27E-07	1.81E-09	1.56E-11	8.10E-07	9.25E-09	2.89E-09	5.65E-17	1.50E-09	3.98E-12	2.80E-12	4.39E-11	2.74E-11	1.64E-10	2.59E-12	5.91E-11	8.08E-09	7.47E-10	9.63E-09
671	SG_671	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.700	2.62E-08	5.06E-08	2.16E-07	1.64E-09	1.42E-11	7.66E-07	8.42E-09	2.63E-09	5.14E-17	1.37E-09	3.62E-12	2.54E-12	4.00E-11	2.49E-11	1.49E-10	2.36E-12	5.38E-11	7.35E-09	6.80E-10	8.76E-09
672	SG_672	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.700	2.26E-08	4.38E-08	1.90E-07	1.40E-09	1.23E-11	6.75E-07	7.25E-09	2.26E-09	4.42E-17	1.17E-09	3.11E-12	2.18E-12	3.44E-11	2.14E-11	1.28E-10	2.03E-12	4.63E-11	6.32E-09	5.85E-10	7.54E-09
673	SG_673	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.700	1.79E-08	3.48E-08	1.50E-07	1.13E-09	9.74E-12	5.31E-07	5.76E-09	1.80E-09	3.52E-17	9.34E-10	2.47E-12	1.73E-12	2.73E-11	1.70E-11	1.02E-10	1.61E-12	3.68E-11	5.03E-09	4.65E-10	5.99E-09
674	SG_674	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.700	1.54E-08	2.99E-08	1.30E-07	9.73E-10	8.35E-12	4.66E-07	4.94E-09	1.54E-09	3.02E-17	8.01E-10	2.12E-12	1.49E-12	2.35E-11	1.46E-11	8.75E-11	1.38E-12	3.16E-11	4.31E-09	3.99E-10	5.14E-09
675	SG_675	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.700	1.39E-08	2.72E-08	1.20E-07	8.71E-10	7.54E-12	4.15E-07	4.46E-09	1.39E-09	2.72E-17	7.23E-10	1.92E-12	1.34E-12	2.12E-11	1.32E-11	7.90E-11	1.25E-12	2.85E-11	3.89E-09	3.60E-10	4.64E-09
676	SG_676	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.700	1.27E-08	2.50E-08	1.12E-07	7.79E-10	6.91E-12	3.58E-07	4.09E-09	1.28E-09	2.50E-17	6.63E-10	1.76E-12	1.23E-12	1.94E-11	1.21E-11	7.24E-11	1.15E-12	2.61E-11	3.57E-09	3.30E-10	4.25E-09
677	SG_677	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.700	1.21E-08	2.38E-08	1.08E-07	7.26E-10	6.55E-12	3.24E-07	3.87E-09	1.21E-09	2.36E-17	6.28E-10	1.66E-12	1.17E-12	1.84E-11	1.14E-11	6.85E-11	1.09E-12	2.48E-11	3.38E-09	3.13E-10	4.03E-09
678	SG_678	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.700	1.18E-08	2.35E-08	1.07E-07	7.11E-10	6.42E-12	3.13E-07	3.80E-09	1.19E-09	2.32E-17	6.16E-10	1.63E-12	1.14E-12	1.80E-11	1.12E-11	6.72E-11	1.06E-12	2.43E-11	3.31E-09	3.07E-10	3.95E-09
679	SG_679	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.700	1.12E-08	2.23E-08	1.02E-07	6.79E-10	6.06E-12	2.89E-07	3.58E-09	1.12E-09	2.19E-17	5.81E-10	1.54E-12	1.08E-12	1.70E-11	1.06E-11	6.34E-11	1.00E-12	2.29E-11	3.13E-09	2.89E-10	3.73E-09
680	SG_680	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.700	1.08E-08	2.16E-08	1.00E-07	6.64E-10	5.87E-12	2.78E-07	3.47E-09	1.08E-09	2.12E-17	5.63E-10	1.49E-12	1.05E-12	1.65E-11	1.03E-11	6.14E-11	9.72E-13	2.22E-11	3.03E-09	2.80E-10	3.61E-09
681	SG_681	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.700	9.97E-09	2.00E-08	9.25E-08	6.22E-10	5.41E-12	2.50E-07	3.20E-09	9.99E-10	1.95E-17	5.19E-10	1.37E-12	9.65E-13	1.52E-11	9.46E-12	5.67E-11	8.97E-13	2.05E-11	2.79E-09	2.59E-10	3.33E-09
682	SG_682	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.700	9.37E-09	1.88E-08	8.73E-08	5.91E-10	5.08E-12	2.31E-07	3.01E-09	9.39E-10	1.84E-17	4.88E-10	1.29E-12	9.06E-13	1.43E-11	8.89E-12	5.33E-11	8.43E-13	1.92E-11	2.63E-09	2.43E-10	3.13E-09
683	SG_683	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.900	4.90E-09	8.44E-09	3.58E-08	2.87E-10	2.53E-12	2.22E-07	1.50E-09	4.68E-10	9.15E-18	2.43E-10	6.43E-13	4.52E-13	7.11E-12	4.43E-12	2.65E-11	4.20E-13	9.58E-12	1.31E-09	1.21E-10	1.56E-09
684	SG_684	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.900	5.64E-09	9.44E-09	3.96E-08	3.15E-10	2.88E-12	2.47E-07	1.70E-09	5.31E-10	1.04E-17	2.76E-10	7.31E-13	5.14E-13	8.08E-12	5.03E-12	3.01E-11	4.77E-13	1.09E-11	1.49E-09	1.38E-10	1.77E-09
685	SG_685	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.900	6.44E-09	1.06E-08	4.37E-08	3.44E-10	3.26E-12	2.70E-07	1.93E-09	6.03E-10	1.18E-17	3.13E-10	8.30E-13	5.83E-13	9.17E-12	5.71E-12	3.42E-11	5.41E-13	1.23E-11	1.69E-09	1.56E-10	2.01E-09
686	SG_686	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.900	7.34E-09	1.20E-08	4.89E-08	3.73E-10	3.73E-12	2.83E-07	2.20E-09	6.88E-10	1.35E-17	3.57E-10	9.48E-13	6.67E-13	1.05E-11	6.52E-12	3.90E-11	6.18E-13	1.41E-11	1.92E-09	1.78E-10	2.29E-09
687	SG_687	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.900	8.52E-09	1.40E-08	5.69E-08	4.17E-10	4.37E-12	2.99E-07	2.58E-09	8.06E-10	1.58E-17	4.19E-10	1.11E-12	7.81E-13	1.23E-11	7.64E-12	4.57E-11	7.24E-13	1.65E-11	2.25E-09	2.09E-10	2.69E-09
688	SG_688	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.900	9.88E-09	1.65E-08	6.64E-08	4.76E-10	5.12E-12	3.21E-07	3.03E-09	9.44E-10	1.85E-17	4.90E-10	1.30E-12	9.16E-13	1.44E-11	8.95E-12	5.36E-11	8.48E-13	1.93E-11	2.64E-09	2.44E-10	3.15E-09
689	SG_689	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.900	1.12E-08	1.88E-08	7.47E-08	5.39E-10	5.84E-12	3.38E-07	3.45E-09	1.08E-09	2.11E-17	5.60E-10	1.49E-12	1.05E-12	1.64E-11	1.02E-11	6.11E-11	9.68E-13	2.21E-11	3.01E-09	2.79E-10	3.59E-09
690	SG_690	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6368.900	1.27E-08	2.15E-08	8.46E-08	6.25E-10	6.69E-12	3.65E-07	3.96E-09	1.23E-09	2.41E-17	6.41E-10	1.70E-12	1.20E-12	1.88E-11	1.17E-11	7.00E-11	1.11E-12	2.53E-11	3.45E-09	3.19E-10	4.11E-09
691	SG_691	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6368.900	1.51E-08	2.60E-08	1.02E-07	7.74E-10	8.01E-12	4.17E-07	4.74E-09	1.48E-09	2.89E-17	7.68E-10	2.04E-12	1.44E-12	2.25E-11	1.40E-11	8.38E-11	1.33E-12	3.03E-11	4.13E-09	3.82E-10	4.93E-09
692	SG_692	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6368.900	1.90E-08	3.35E-08	1.34E-07	1.05E-09	1.02E-11	5.17E-07	6.01E-09	1.88E-09	3.67E-17	9.75E-10	2.59E-12	1.83E-12	2.85E-11	1.78E-11	1.06E-10	1.69E-12	3.84E-11	5.25E-09	4.86E-10	6.25E-09
693	SG_693	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6368.900	2.41E-08	4.34E-08	1.74E-07	1.46E-09	1.30E-11	6.48E-07	7.69E-09	2.40E-09	4.69E-17	1.25E-09	3.31E-12	2.33E-12	3.65E-11	2.27E-11	1.36E-10	2.15E-12	4.91E-11	6.71E-09	6.21E-10	7.99E-09
694	SG_694	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.900	3.11E-08	5.68E-08	2.31E-07	2.08E-09	1.69E-11	8.47E-07	9.96E-09	3.11E-09	6.08E-17	1.62E-09	4.29E-12	3.02E-12	4.73E-11	2.95E-11	1.76E-10	2.79E-12	6.37E-11	8.70E-09	8.05E-10	1.04E-08
695	SG_695	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.900	3.74E-08	6.85E-08	2.77E-07	2.72E-09	2.03E-11	1.02E-06	1.20E-08	3.74E-09	7.31E-17	1.94E-09	5.15E-12	3.62E-12	5.69E-11	3.54E-11	2.12E-10	3.36E-12	7.66E-11	1.05E-08	9.67E-10	1.25E-08
696	SG_696	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.900	4.06E-08	7.42E-08	2.99E-07	3.16E-09	2.20E-11	1.13E-06	1.30E-08	4.06E-09	7.94E-17	2.11E-09	5.59E-12	3.92E-12	6.18E-11	3.84E-11	2.30E-10	3.64E-12	8.31E-11	1.14E-08	1.05E-09	1.35E-08

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 1 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
697	SG_697	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.900	3.74E-08	6.78E-08	2.68E-07	3.00E-09	2.03E-11	9.92E-07	1.20E-08	3.75E-09	7.33E-17	1.95E-09	5.16E-12	3.62E-12	5.70E-11	3.55E-11	2.13E-10	3.37E-12	7.68E-11	1.05E-08	9.70E-10	1.25E-08
698	SG_698	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.900	3.29E-08	5.97E-08	2.35E-07	2.50E-09	1.79E-11	8.42E-07	1.06E-08	3.30E-09	6.46E-17	1.71E-09	4.54E-12	3.18E-12	5.02E-11	3.12E-11	1.87E-10	2.96E-12	6.76E-11	9.23E-09	8.54E-10	1.10E-08
699	SG_699	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.900	2.77E-08	5.04E-08	1.99E-07	1.94E-09	1.50E-11	7.00E-07	8.90E-09	2.78E-09	5.43E-17	1.44E-09	3.82E-12	2.68E-12	4.23E-11	2.63E-11	1.58E-10	2.49E-12	5.69E-11	7.77E-09	7.19E-10	9.26E-09
700	SG_700	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.900	2.45E-08	4.51E-08	1.81E-07	1.61E-09	1.33E-11	6.30E-07	7.85E-09	2.45E-09	4.79E-17	1.27E-09	3.38E-12	2.37E-12	3.73E-11	2.32E-11	1.39E-10	2.20E-12	5.02E-11	6.85E-09	6.34E-10	8.17E-09
701	SG_701	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.900	2.41E-08	4.55E-08	1.89E-07	1.53E-09	1.31E-11	6.58E-07	7.73E-09	2.41E-09	4.72E-17	1.25E-09	3.32E-12	2.34E-12	3.67E-11	2.28E-11	1.37E-10	2.17E-12	4.94E-11	6.74E-09	6.24E-10	8.04E-09
702	SG_702	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.900	2.29E-08	4.42E-08	1.89E-07	1.46E-09	1.25E-11	6.51E-07	7.37E-09	2.30E-09	4.50E-17	1.19E-09	3.17E-12	2.22E-12	3.50E-11	2.18E-11	1.30E-10	2.06E-12	4.71E-11	6.43E-09	5.95E-10	7.66E-09
703	SG_703	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.900	1.99E-08	3.86E-08	1.67E-07	1.27E-09	1.08E-11	5.72E-07	6.40E-09	2.00E-09	3.91E-17	1.04E-09	2.75E-12	1.93E-12	3.04E-11	1.89E-11	1.13E-10	1.79E-12	4.09E-11	5.59E-09	5.17E-10	6.66E-09
704	SG_704	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.900	1.68E-08	3.26E-08	1.41E-07	1.10E-09	9.12E-12	4.99E-07	5.40E-09	1.68E-09	3.29E-17	8.75E-10	2.32E-12	1.63E-12	2.56E-11	1.59E-11	9.55E-11	1.51E-12	3.45E-11	4.71E-09	4.36E-10	5.61E-09
705	SG_705	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.900	1.40E-08	2.71E-08	1.17E-07	9.36E-10	7.57E-12	4.24E-07	4.48E-09	1.40E-09	2.74E-17	7.26E-10	1.92E-12	1.35E-12	2.13E-11	1.32E-11	7.93E-11	1.26E-12	2.86E-11	3.91E-09	3.62E-10	4.66E-09
706	SG_706	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.900	1.24E-08	2.41E-08	1.05E-07	8.15E-10	6.70E-12	3.70E-07	3.97E-09	1.24E-09	2.42E-17	6.43E-10	1.70E-12	1.20E-12	1.88E-11	1.17E-11	7.02E-11	1.11E-12	2.54E-11	3.46E-09	3.20E-10	4.13E-09
707	SG_707	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.900	1.16E-08	2.27E-08	1.00E-07	7.28E-10	6.28E-12	3.26E-07	3.71E-09	1.16E-09	2.27E-17	6.02E-10	1.60E-12	1.12E-12	1.76E-11	1.10E-11	6.58E-11	1.04E-12	2.37E-11	3.24E-09	3.00E-10	3.86E-09
708	SG_708	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.900	1.14E-08	2.25E-08	1.02E-07	6.89E-10	6.19E-12	3.09E-07	3.66E-09	1.14E-09	2.24E-17	5.93E-10	1.57E-12	1.10E-12	1.74E-11	1.08E-11	6.48E-11	1.03E-12	2.34E-11	3.20E-09	2.96E-10	3.81E-09
709	SG_709	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.900	1.13E-08	2.24E-08	1.03E-07	6.69E-10	6.11E-12	2.99E-07	3.61E-09	1.13E-09	2.21E-17	5.86E-10	1.55E-12	1.09E-12	1.72E-11	1.07E-11	6.39E-11	1.01E-12	2.31E-11	3.15E-09	2.92E-10	3.76E-09
710	SG_710	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.900	1.05E-08	2.09E-08	9.63E-08	6.28E-10	5.70E-12	2.70E-07	3.37E-09	1.05E-09	2.06E-17	5.46E-10	1.45E-12	1.02E-12	1.60E-11	9.96E-12	5.97E-11	9.45E-13	2.15E-11	2.94E-09	2.72E-10	3.51E-09
711	SG_711	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.900	9.84E-09	1.96E-08	9.06E-08	5.96E-10	5.34E-12	2.46E-07	3.16E-09	9.86E-10	1.93E-17	5.12E-10	1.36E-12	9.53E-13	1.50E-11	9.33E-12	5.59E-11	8.85E-13	2.02E-11	2.76E-09	2.55E-10	3.28E-09
712	SG_712	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.900	9.18E-09	1.84E-08	8.47E-08	5.65E-10	4.98E-12	2.24E-07	2.95E-09	9.20E-10	1.80E-17	4.78E-10	1.27E-12	8.89E-13	1.40E-11	8.71E-12	5.22E-11	8.26E-13	1.88E-11	2.57E-09	2.38E-10	3.07E-09
713	SG_713	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.900	8.43E-09	1.69E-08	7.78E-08	5.27E-10	4.58E-12	1.99E-07	2.71E-09	8.45E-10	1.65E-17	4.39E-10	1.16E-12	8.16E-13	1.29E-11	8.00E-12	4.79E-11	7.59E-13	1.73E-11	2.36E-09	2.19E-10	2.82E-09
714	SG_714	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.100	5.58E-09	1.00E-08	4.39E-08	3.05E-10	2.95E-12	2.16E-07	1.75E-09	5.45E-10	1.07E-17	2.83E-10	7.50E-13	5.26E-13	8.29E-12	5.16E-12	3.09E-11	4.90E-13	1.12E-11	1.52E-09	1.41E-10	1.82E-09
715	SG_715	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.100	6.30E-09	1.11E-08	4.82E-08	3.30E-10	3.31E-12	2.33E-07	1.96E-09	6.12E-10	1.20E-17	3.18E-10	8.42E-13	5.90E-13	9.31E-12	5.79E-12	3.47E-11	5.49E-13	1.25E-11	1.71E-09	1.58E-10	2.04E-09
716	SG_716	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.100	6.94E-09	1.20E-08	5.11E-08	3.49E-10	3.63E-12	2.45E-07	2.15E-09	6.71E-10	1.31E-17	3.48E-10	9.23E-13	6.49E-13	1.02E-11	6.35E-12	3.80E-11	6.02E-13	1.37E-11	1.88E-09	1.74E-10	2.24E-09
717	SG_717	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.100	7.72E-09	1.32E-08	5.51E-08	3.74E-10	4.03E-12	2.60E-07	2.38E-09	7.43E-10	1.45E-17	3.86E-10	1.02E-12	7.20E-13	1.13E-11	7.04E-12	4.22E-11	6.67E-13	1.52E-11	2.08E-09	1.92E-10	2.48E-09
718	SG_718	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.100	8.66E-09	1.47E-08	6.04E-08	4.08E-10	4.51E-12	2.76E-07	2.67E-09	8.33E-10	1.63E-17	4.33E-10	1.15E-12	8.08E-13	1.27E-11	7.89E-12	4.72E-11	7.48E-13	1.71E-11	2.33E-09	2.16E-10	2.78E-09
719	SG_719	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.100	9.61E-09	1.61E-08	6.53E-08	4.41E-10	5.01E-12	2.86E-07	2.96E-09	9.23E-10	1.81E-17	4.80E-10	1.27E-12	8.96E-13	1.41E-11	8.75E-12	5.24E-11	8.29E-13	1.89E-11	2.58E-09	2.39E-10	3.08E-09
720	SG_720	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.100	1.08E-08	1.81E-08	7.28E-08	4.97E-10	5.63E-12	3.13E-07	3.33E-09	1.04E-09	2.03E-17	5.40E-10	1.43E-12	1.01E-12	1.58E-11	9.85E-12	5.89E-11	9.33E-13	2.13E-11	2.91E-09	2.69E-10	3.46E-09
721	SG_721	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6369.100	1.22E-08	2.03E-08	8.11E-08	5.69E-10	6.34E-12	3.40E-07	3.75E-09	1.17E-09	2.29E-17	6.08E-10	1.61E-12	1.14E-12	1.78E-11	1.11E-11	6.64E-11	1.05E-12	2.40E-11	3.27E-09	3.03E-10	3.90E-09
722	SG_722	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6369.100	1.45E-08	2.44E-08	9.81E-08	7.13E-10	7.54E-12	3.98E-07	4.45E-09	1.39E-09	2.72E-17	7.22E-10	1.92E-12	1.35E-12	2.12E-11	1.32E-11	7.89E-11	1.25E-12	2.85E-11	3.89E-09	3.60E-10	4.63E-09
723	SG_723	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6369.100	1.78E-08	3.09E-08	1.26E-07	9.66E-10	9.39E-12	4.86E-07	5.55E-09	1.73E-09	3.39E-17	9.00E-10	2.39E-12	1.69E-12	2.64E-11	1.64E-11	9.83E-11	1.56E-12	3.55E-11	4.85E-09	4.48E-10	5.77E-09
724	SG_724	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6369.100	2.25E-08	4.02E-08	1.65E-07	1.36E-09	1.20E-11	6.10E-07	7.09E-09	2.21E-09	4.33E-17	1.15E-09	3.05E-12	2.15E-12	3.37E-11	2.10E-11	1.25E-10	1.99E-12	4.53E-11	6.19E-09	5.72E-10	7.37E-09
725	SG_725	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6369.100	2.69E-08	4.89E-08	2.00E-07	1.81E-09	1.45E-11	7.16E-07	8.56E-09	2.67E-09	5.23E-17	1.39E-09	3.68E-12	2.59E-12	4.07E-11	2.53E-11	1.52E-10	2.40E-12	5.47E-11	7.47E-09	6.92E-10	8.91E-09
726	SG_726	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6369.100	3.02E-08	5.49E-08	2.22E-07	2.21E-09	1.63E-11	7.91E-07	9.63E-09	3.01E-09	5.88E-17	1.56E-09	4.14E-12	2.91E-12	4.57E-11	2.85E-11	1.70E-10	2.70E-12	6.15E-11	8.40E-09	7.78E-10	1.00E-08
727	SG_727	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6369.100	3.06E-08	5.55E-08	2.22E-07	2.39E-09	1.66E-11	7.91E-07	9.80E-09	3.06E-09	5.98E-17	1.59E-09	4.21E-12	2.95E-12	4.65E-11	2.90E-11	1.73E-10	2.75E-12	6.26E-11	8.55E-09	7.91E-10	1.02E-08
728	SG_728	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.100	2.93E-08	5.31E-08	2.11E-07	2.31E-09	1.59E-11	7.48E-07	9.38E-09	2.93E-09	5.73E-17	1.52E-09	4.03E-12	2.82E-12	4.45E-11	2.77E-11	1.66E-10	2.63E-12	6.00E-11	8.19E-09	7.58E-10	9.76E-09
729	SG_729	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.100	2.60E-08	4.73E-08	1.88E-07	1.97E-09	1.41E-11	6.45E-07	8.35E-09	2.61E-09	5.10E-17	1.35E-09	3.59E-12	2.51E-12	3.96E-11	2.47E-11	1.48E-10	2.34E-12	5.34E-11	7.29E-09	6.75E-10	8.69E-09
730	SG_730	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.100	2.28E-08	4.16E-08	1.67E-07	1.61E-09	1.23E-11	5.73E-07	7.30E-09	2.28E-09	4.46E-17	1.18E-09	3.14E-12	2.20E-12	3.47E-11	2.16E-11	1.29E-10	2.05E-12	4.67E-11	6.37E-09	5.90E-10	7.60E-09
731	SG_731	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.100	2.03E-08	3.74E-08	1.52E-07	1.36E-09	1.10E-11	5.18E-07	6.50E-09	2.03E-09	3.97E-17	1.05E-09	2.79E-12	1.96E-12	3.09E-11	1.92E-11	1.15E-10	1.82E-12	4.16E-11	5.68E-09	5.25E-10	6.76E-09
732	SG_732	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.100	1.97E-08	3.71E-08	1.54E-07	1.28E-09	1.07E-11	5.22E-07	6.33E-09	1.97E-09	3.86E-17	1.03E-09	2.72E-12	1.91E-12	3.00E-11	1.87E-11	1.12E-10	1.77E-12	4.04E-11	5.52E-09	5.11E-10	6.58E-09
733	SG_733	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.100	1.93E-08	3.70E-08	1.57E-07	1.24E-09	1.05E-11	5.25E-07	6.19E-09	1.93E-09	3.78E-17	1.00E-09	2.66E-12	1.87E-12	2.94E-11	1.83E-11	1.10E-10	1.73E-12	3.96E-11	5.40E-09	5.00E-10	6.44E-09
734	SG_734	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.100	1.75E-08	3.38E-08	1.45E-07	1.13E-09	9.48E-12	4.79E-07	5.61E-09	1.75E-09	3.42E-17	9.09E-10	2.41E-12	1.69E-12	2.66E-11	1.66E-11	9.93E-11	1.57E-12	3.58E-11	4.89E-09	4.53E-10	5.83E-09
735	SG_735	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.100	1.55E-08	3.00E-08	1.30E-07	1.02E-09	8.39E-12	4.36E-07	4.96E-09	1.55E-09	3.03E-17	8.04E-10	2.13E-12	1.50E-12	2.36E-11	1.47E-11	8.78E-11	1.39E-12	3.17E-11	4.33E-09	4.01E-10	5.16E-09
736	SG_736	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.100	1.34E-08	2.60E-08	1.13E-07	8.97E-10	7.25E-12	3.84E-07	4.29E-09	1.34E-09	2.62E-17	6.95E-10	1.84E-12	1.29E-12	2.04E-11	1.27E-11	7.59E-11	1.20E-12	2.74E-11	3.74E-09	3.46E-10	4.46E-09
737	SG_737	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.100	1.18E-08	2.31E-08	1.01E-07	7.86E-10	6.42E-12	3.38E-07	3.80E-09	1.19E-09	2.32E-17	6.16E-10	1.63E-12	1.15E-12	1.80E-11	1.12E-11	6.72E-11	1.06E-12	2.43E-11	3.31E-09	3.07E-10	3.95E-09
738	SG_738	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.100	1.11E-08	2.17E-08	9.64E-08	7.06E-10	6.01E-12	3.07E-07	3.55E-09	1.11E-09	2.17E-17	5.76E-10	1.53E-12	1.07E-12	1.69E-11	1.05E-11	6.29E-11	9.95E-13	2.27E-11	3.10E-09	2.87E-10	3.69E-09
739	SG_739	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.100	1.05E-08	2.08E-08	9.36E-08	6.47E-10	5.72E-12	2.81E-07	3.38E-09	1.06E-09	2.06E-17	5.48E-10	1.45E-12	1.02E-12	1.61E-11	1.00E-11	5.99E-11	9.48E-13	2.16E-11	2.95E-09	2.73E-10	3.52E-09
740	SG_740	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.100	1.05E-08	2.08E-08	9.51E-08	6.26E-10	5.68E-12	2.76E-07	3.36E-09	1.05E-09	2.05E-17	5.44E-10	1.44E-12	1.01E-12	1.59E-11	9.92E-12	5.94E-11	9.41E-13	2.15E-11	2.93E-09	2.71E-10	3.49E-09
741	SG_741	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.100	9.82E-09	1.95E-08	8.99E-08	5.86E-10	5.33E-12	2.50E-07	3.15E-09	9.84E-10	1.92E-17	5.11E-10	1.35E-12	9.52E-13	1.50E-11	9.32E-12	5.58E-11	8.83E-13	2.01E-11	2.75E-09	2.55E-10	3.28E-09
742	SG_742	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.100	8.90E-09	1.77E-08	8.13E-08	5.37E-10	4.83E-12	2.16E-07	2.86E-09	8.91E-10	1.74E-17	4.63E-10	1.23E-12	8.63E-13	1.36E-11	8.44E-12	5.06E-11	8.01E-13	1.83E-11	2.49E-09	2.31E-10	2.97E-09
743	SG_743	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.100	8.56E-09	1.71E-08	7.88E-08	5.21E-10	4.64E-12	2.05E-07	2.75E-09	8.57E-10	1.68E-17	4.45E-10	1.18E-12	8.30E-13	1.30E-11	8.12E-12	4.86E-11	7.70E-13	1.76E-11	2.40E-09	2.22E-10	2.86E-09
744	SG_744	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.100	8.00E-09	1.60E-08	7.38E-08	4.93E-10	4.34E-12	1.87E-07	2.57E-09	8.01E-10	1.57E-17	4.16E-10	1.10E-12	7.76E-13	1.22E-11	7.59E-12	4.55E-11	7.20E-13	1.64E-11	2.24E-09	2.07E-10	2.67E-09
745	SG_745	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.300	6.17E-09	1.14E-08	5.08E-08	3.21E-10	3.31E-12	2.11E-07	1.96E-09	6.11E-10	1.20E-17	3.17E-10	8.40E-13	5.89E-13	9.29E-12	5.78E-12	3.47E-11	5.48E-13	1.25E-11	1.71E-09	1.58E-10	2.04E-09
746	SG_746	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.300	6.70E-09	1.21E-08	5.32E-08	3.33E-10	3.58E-12	2.12E-07	2.12E-09	6.61E-10	1.29E-17	3.44E-10	9.10E-13	6.39E-13	1.01E-11	6.26E-12	3.75E-11	5.94E-13	1.35E-11	1.85E-09	1.71E-10	2.20E-09
747	SG_747	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.300	7.33E-09	1.31E-08	5.65E-08	3.53E-10	3.91E-12	2.22E-07	2.31E-09	7.21E-10	1.41E-17	3.75E-10	9.93E-13	6.97E-13	1.10E-11	6.83E-12	4.09E-11	6.47E-13	1.48E-11	2.02E-09	1.87E-10	2.40E-09
748	SG_748	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.300	7.96E-09	1.41E-08	5.95E-08	3.73E-10	4.23E-12	2.31E-07	2.50E-09	7.81E-10	1.53E-17	4.06E-10	1.08E-12	7.57E-13	1.19E-11	7.40E-12	4.43E-11	7.01E-13	1.60E-11	2.18E-09	2.02E-10	2.60E-09
749	SG_749	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.300	8.85E-09	1.55E-08	6.51E-08	4.09E-10	4.70E-12	2.52E-07	2.78E-09	8.66E-10	1.70E-17	4.50E-10	1.19E-12	8.40E-13	1.32E-11	8.21E-12	4.91E-11	7.78E-13	1.77E-11	2.42E-09	2.24E-10	2.89E-09
750	SG_750	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.300	9.69E-09	1.68E-08	6.95E-08	4.40E-10	5.12E-12	2.63E-07	3.03E-09	9.44E-10	1.85E-17	4.91E-10	1.30E-12	9.17E-13	1.44E-11	8.95E-12	5.36E-11	8.48E-13	1.93E-11	2.64E-09	2.44E-10	3.15E-09
751	SG_751	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.300	1.08E-08	1.85E-08	7.64E-08	4.93E-10	5.67E-12	2.91E-07	3.35E-09	1.05E-09	2.05E-17	5.44E-10	1.44E-12	1.02E-12	1.59E-11	9.92E-12	5.94E-11	9.40E-13	2.14E-11	2.93E-09	2.71E-10	3.49E-09
752	SG_752	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6369.300	1.21E-08	2.04E-08	8.38E-08	5.63E-10	6.27E-12	3.26E-07	3.71E-09	1.16E-09	2.26E-17	6.01E-10	1.60E-12	1.12E-12	1.76E-11	1.10E-11	6.56E-11	1.04E-12	2.37E-11	3.24E-09	2.99E-10	3.86E-09
753	SG_753	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6369.300	1.40E-08	2.35E-08	9.76E-08	6.94E-10	7.22E-12	3.94E-07	4.27E-09	1.33E-09	2.61E-17	6.92E-10	1.84E-12	1.30E-12	2.03E-11	1.26E-11	7.56E-11	1.20E-12	2.73E-11	3.73E-09	3.45E-10	4.44E-09
754	SG_754	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6369.300	1.67E-08	2.83E-08	1.18E-07	9.05E-10	8.59E-12	4.78E-07	5.08E-09	1.58E-09	3.10E-17	8.23E-10	2.19E-12	1.54E-12	2.41E-11	1.50E-11	8.99E-11	1.42E-12	3.25E-11	4.43E-09	4.10E-10	5.28E-09
755	SG_755	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6369.300	1.98E-08	3.43E-08	1.44E-07	1.20E-09	1.03E-11	5.56E-07	6.09E-09	1.90E-09	3.72E-17	9.88E-10	2.62E-12	1.85E-12	2.89E-11	1.80E-11	1.08E-10	1.71E-12	3.89E-11	5.32E-09	4.92E-10	6.34E-09
756	SG_756	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6369.300	2.29E-08	4.08E-08	1.69E-07	1.53E-09	1.21E-11	6.21E-07	7.16E-09	2.24E-09	4.37E-17	1.16E-09	3.08E-12	2.17E-12	3.40E-11	2.12E-11	1.27E-10	2.01E-12	4.58E-11	6.25E-09	5.79E-10	7.45E-09
757	SG_757	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.300	2.47E-08	4.45E-08	1.82E-07	1.80E-09	1.32E-11	6.45E-07	7.80E-09	2.43E-09	4.76E-17	1.26E-09	3.35E-12	2.35E-12	3.70E-11	2.31E-11	1.38E-10	2.19E-12	4.99E-11	6.81E-09	6.30E-10	8.11E-09
758	SG_758	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6369.300	2.44E-08	4.42E-08	1.78E-07	1.89E-09	1.32E-11	6.20E-07	7.78E-09	2.43E-09	4.75E-17	1.26E-09	3.34E-12	2.34E-12	3.70E-11	2.30E-11	1.38E-10	2.18E-12	4.98E-11	6.79E-09	6.29E-10	8.10E-09
759	SG_759	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.300	2.31E-08	4.19E-08	1.68E-07	1.81E-09	1.25E-11	5.72E-07	7.39E-09	2.31E-09	4.51E-17	1.20E-09	3.17E-12	2.22E-12	3.51E-11	2.18E-11	1.31E-10	2.07E-12	4.72E-11	6.45E-09	5.97E-10	7.69E-09
760	SG_760	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.300	2.09E-08	3.81E-08	1.52E-07	1.57E-09	1.13E-11	5.07E-07	6.71E-09	2.09E-09	4.10E-17	1.09E-09	2.88E-12	2.02E-12	3.19E-11	1.98E-11	1.19E-10	1.88E-12	4.29E-11	5.86E-09	5.42E-10	6.98E-09
761	SG_761	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.300	1.85E-08	3.39E-08	1.37E-07	1.32E-09	1.01E-11	4.54E-07	5.95E-09	1.86E-09	3.63E-17	9.64E-10	2.55E-12	1.79E-12	2.82E-11	1.76E-11	1.05E-10	1.67E-12	3.80E-11	5.19E-09	4.80E-10	6.19E-09
762	SG_762	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.300	1.68E-08	3.09E-08	1.26E-07	1.14E-09	9.09E-12	4.19E-07	5.38E-09	1.68E-09	3.28E-17	8.72E-10	2.31E-12	1.62E-12	2.55E-11	1.59E-11	9.52E-11	1.51E-12	3.44E-11	4.69E-09	4.34E-10	5.59E-09
763	SG_763	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.300	1.60E-08	3.00E-08	1.24E-07	1.06E-09	8.68E-12	4.05E-07	5.13E-09	1.60E-09	3.13E-17	8.32E-10	2.21E-12	1.55E-12	2.44E-11	1.52E-11	9.09E-11	1.44E-12	3.28E-11	4.48E-09	4.15E-10	5.34E-09
764	SG_764	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.300	1.63E-08	3.11E-08	1.32E-07	1.06E-09	8.84E-12	4.29E-07	5.22E-09	1.63E-09	3.19E-17	8.47E-10	2.25E-12	1.58E-12	2.48E-11	1.54E-11	9.25E-11	1.46E-12	3.34E-11	4.56E-09	4.22E-10	5.43E-09
765	SG_765	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.300	1.59E-08	3.09E-08	1.33E-07	1.04E-09	8.65E-12	4.29E-07	5.12E-09	1.60E-09	3.12E-17	8.30E-10	2.20E-12	1.55E-12	2.43E-11	1.51E-11	9.06E-11	1.43E-12	3.27E-11	4.47E-09	4.13E-10	5.32E-09
766	SG_766	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.300	1.46E-08	2.85E-08	1.24E-07	9.60E-10	7.94E-12	3.98E-07	4.70E-09	1.47E-09	2.87E-17	7.61E-10	2.02E-12	1.42E-12	2.23E-11	1.39E-11	8.31E-11	1.32E-12	3.00E-11	4.10E-09	3.79E-10	4.89E-09
767	SG_767	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.300	1.28E-08	2.50E-08	1.09E-07	8.46E-10	6.95E-12	3.46E-07	4.11E-09	1.28E-09	2.51E-17	6.66E-10	1.77E-12	1.24E-12	1.95E-11	1.21E-11	7.27E-11	1.15E-12	2.63E-11	3.59E-09	3.32E-10	4.27E-09
768	SG_768	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.300	1.15E-08	2.26E-08	9.94E-08	7.58E-10	6.26E-12	3.10E-07	3.70E-09	1.16E-09	2.26E-17	6.00E-10	1.59E-12	1.12E-12	1.76E-11	1.09E-11	6.55E-11	1.04E-12	2.37E-11	3.23E-09	2.99E-10	3.85E-09
769	SG_769	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.300	1.03E-08	2.02E-08	8.96E-08	6.66E-10	5.60E-12	2.70E-07	3.31E-09	1.03E-09	2.02E-17	5.37E-10	1.42E-12	1.00E-12	1.57E-11	9.79E-12	5.87E-11	9.29E-13	2.12E-11	2.89E-09	2.68E-10	3.45E-09
770	SG_770	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.300	9.74E-09	1.91E-08	8.59E-08	6.12E-10	5.28E-12	2.52E-07	3.13E-09	9.75E-10	1.91E-17	5.07E-10	1.34E-12	9.43E-13	1.48E-11	9.24E-12	5.53E-11	8.76E-13	2.00E-11	2.73E-09	2.52E-10	3.25E-09
771	SG_771	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.300	9.68E-09	1.92E-08	8.76E-08	5.91E-10	5.26E-12	2.52E-07	3.11E-09	9.70E-10	1.90E-17	5.04E-10	1.34E-12	9.39E-13	1.48E-11	9.19E-12	5.50E-11	8.71E-13	1.99E-11	2.71E-09	2.51E-10	3.23E-09
772	SG_772	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.300	9.30E-09	1.85E-08	8.51E-08	5.61E-10	5.05E-12	2.37E-07	2.98E-09	9.31E-10	1.82E-17	4.84E-10	1.28E-12	9.02E-13	1.42E-11	8.82E-12	5.28E-11	8.37E-13	1.91E-11	2.61E-09	2.41E-10	3.10E-09
773	SG_773	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.300	8.45E-09	1.68E-08	7.72E-08	5.11E-10	4.59E-12	2.05E-07	2.71E-09	8.47E-10	1.66E-17	4.40E-10	1.17E-12	8.20E-13	1.29E-11	8.02E-12	4.80E-11	7.60E-13	1.73E-11	2.37E-09	2.19E-10	2.82E-09
774	SG_774	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.300	8.11E-09	1.62E-08	7.46E-08	4.92E-10	4.40E-12	1.93E-07	2.60E-09	8.12E-10	1.59E-17	4.22E-10	1.12E-12	7.87E-13	1.24E-11	7.69E-12	4.61E-11	7.29E-13	1.66E-11	2.27E-09	2.10E-10	2.71E-09
775	SG_775	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.300	8.38E-09	1.68E-08	7.87E-08	5.07E-10	4.55E-12	2.03E-07	2.69E-09	8.39E-10	1.64E-17	4.36E-10	1.16E-12	8.14E-13	1.28E-11	7.95E-12	4.76E-11	7.54E-13	1.72E-11	2.35E-09	2.17E-10	2.80E-09
776	SG_776	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.500	6.39E-09	1.18E-08	5.33E-08	3.21E-10	3.44E-12	1.98E-07	2.04E-09	6.36E-10	1.24E-17	3.30E-10	8.74E-13	6.13E-13	9.67E-12	6.02E-12	3.61E-11	5.71E-13	1.30E-11	1.78E-09	1.65E-10	2.12E-09
777	SG_777	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.500	6.96E-09	1.28E-08	5.65E-08	3.38E-10	3.75E-12	2.00E-07	2.22E-09	6.92E-10	1.35E-17	3.59E-10	9.52E-13	6.68E-13	1.05E-11	6.55E-12	3.92E-11	6.21E-13	1.42E-11	1.93E-09	1.79E-10	2.31E-09
778	SG_778	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.500	7.45E-09	1.35E-08	5.85E-08	3.51E-10	4.01E-12	2.03E-07	2.37E-09	7.39E-10	1.45E-17	3.84E-10	1.02E-12	7.15E-13	1.12E-11	7.00E-12	4.19E-11	6.64E-13	1.51E-11	2.07E-09	1.91E-10	2.46E-09
779	SG_779	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.500	8.10E-09	1.46E-08	6.23E-08	3.75E-10	4.35E-12	2.14E-07	2.57E-09	8.02E-10	1.57E-17	4.17E-10	1.11E-12	7.77E-13	1.22E-11	7.60E-12	4.55E-11	7.20E-13	1.64E-11	2.24E-09	2.08E-10	2.67E-09

AQIA DATA - SCENARIO 1 GRID MAX

Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							1.62E-07	3.13E-07	1.05E-06	5.68E-08	8.79E-11	2.69E-05	5.19E-08	1.62E-08	3.17E-16	8.41E-09	2.24E-11	1.59E-11	2.46E-10	1.54E-10	9.18E-10	1.46E-11	3.31E-10	4.53E-08	4.19E-09	5.40E-08
Receptor ID of Maximum Offsite Concentration / Deposition Rate							NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837
Coordinates of Maximum Offsite Concentration/ Deposition Rate						X	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464
						Y	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607
780	SG_780	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.500	8.93E-09	1.60E-08	6.81E-08	4.10E-10	4.79E-12	2.31E-07	2.83E-09	8.83E-10	1.73E-17	4.59E-10	1.22E-12	8.56E-13	1.34E-11	8.37E-12	5.01E-11	7.93E-13	1.81E-11	2.47E-09	2.29E-10	2.94E-09
781	SG_781	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.500	9.86E-09	1.76E-08	7.46E-08	4.52E-10	5.27E-12	2.50E-07	3.11E-09	9.71E-10	1.90E-17	5.05E-10	1.34E-12	9.43E-13	1.48E-11	9.20E-12	5.51E-11	8.72E-13	1.99E-11	2.72E-09	2.51E-10	3.24E-09
782	SG_782	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.500	1.10E-08	1.96E-08	8.34E-08	5.15E-10	5.86E-12	2.83E-07	3.47E-09	1.08E-09	2.12E-17	5.62E-10	1.49E-12	1.05E-12	1.65E-11	1.02E-11	6.13E-11	9.71E-13	2.21E-11	3.02E-09	2.80E-10	3.60E-09
783	SG_783	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6369.500	1.22E-08	2.13E-08	9.06E-08	5.88E-10	6.41E-12	3.20E-07	3.79E-09	1.18E-09	2.31E-17	6.14E-10	1.63E-12	1.15E-12	1.80E-11	1.12E-11	6.70E-11	1.06E-12	2.42E-11	3.30E-09	3.06E-10	3.94E-09
784	SG_784	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6369.500	1.38E-08	2.36E-08	1.01E-07	7.02E-10	7.12E-12	3.81E-07	4.21E-09	1.31E-09	2.57E-17	6.82E-10	1.81E-12	1.28E-12	2.00E-11	1.24E-11	7.45E-11	1.18E-12	2.69E-11	3.67E-09	3.40E-10	4.38E-09
785	SG_785	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6369.500	1.56E-08	2.61E-08	1.11E-07	8.53E-10	7.92E-12	4.50E-07	4.68E-09	1.46E-09	2.86E-17	7.59E-10	2.01E-12	1.42E-12	2.22E-11	1.38E-11	8.29E-11	1.31E-12	2.99E-11	4.09E-09	3.78E-10	4.87E-09
786	SG_786	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6369.500	1.75E-08	2.92E-08	1.24E-07	1.05E-09	8.86E-12	5.11E-07	5.24E-09	1.64E-09	3.20E-17	8.49E-10	2.25E-12	1.59E-12	2.49E-11	1.55E-11	9.27E-11	1.47E-12	3.35E-11	4.57E-09	4.23E-10	5.45E-09
787	SG_787	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6369.500	1.92E-08	3.26E-08	1.36E-07	1.26E-09	9.83E-12	5.37E-07	5.82E-09	1.81E-09	3.55E-17	9.43E-10	2.50E-12	1.76E-12	2.76E-11	1.72E-11	1.03E-10	1.63E-12	3.72E-11	5.08E-09	4.70E-10	6.05E-09
788	SG_788	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.500	2.00E-08	3.51E-08	1.44E-07	1.43E-09	1.05E-11	5.28E-07	6.21E-09	1.94E-09	3.79E-17	1.01E-09	2.67E-12	1.87E-12	2.95E-11	1.83E-11	1.10E-10	1.74E-12	3.97E-11	5.42E-09	5.01E-10	6.45E-09
789	SG_789	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6369.500	1.99E-08	3.57E-08	1.45E-07	1.51E-09	1.06E-11	5.04E-07	6.28E-09	1.96E-09	3.83E-17	1.02E-09	2.70E-12	1.89E-12	2.98E-11	1.86E-11	1.11E-10	1.76E-12	4.01E-11	5.48E-09	5.07E-10	6.53E-09
790	SG_790	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.500	1.87E-08	3.39E-08	1.37E-07	1.43E-09	1.01E-11	4.56E-07	5.96E-09	1.86E-09	3.64E-17	9.66E-10	2.56E-12	1.79E-12	2.83E-11	1.76E-11	1.06E-10	1.67E-12	3.81E-11	5.20E-09	4.81E-10	6.20E-09
791	SG_791	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.500	1.73E-08	3.16E-08	1.28E-07	1.28E-09	9.36E-12	4.16E-07	5.54E-09	1.73E-09	3.38E-17	8.98E-10	2.38E-12	1.67E-12	2.63E-11	1.64E-11	9.80E-11	1.55E-12	3.54E-11	4.83E-09	4.47E-10	5.76E-09
792	SG_792	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.500	1.54E-08	2.82E-08	1.15E-07	1.10E-09	8.36E-12	3.70E-07	4.95E-09	1.54E-09	3.02E-17	8.02E-10	2.12E-12	1.49E-12	2.35E-11	1.46E-11	8.75E-11	1.39E-12	3.16E-11	4.32E-09	3.99E-10	5.14E-09
793	SG_793	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.500	1.41E-08	2.61E-08	1.07E-07	9.72E-10	7.66E-12	3.46E-07	4.53E-09	1.41E-09	2.76E-17	7.34E-10	1.94E-12	1.36E-12	2.15E-11	1.34E-11	8.02E-11	1.27E-12	2.89E-11	3.95E-09	3.66E-10	4.71E-09
794	SG_794	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.500	1.37E-08	2.57E-08	1.07E-07	9.17E-10	7.44E-12	3.45E-07	4.40E-09	1.37E-09	2.69E-17	7.13E-10	1.89E-12	1.33E-12	2.09E-11	1.30E-11	7.79E-11	1.23E-12	2.81E-11	3.84E-09	3.55E-10	4.57E-09
795	SG_795	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.500	1.37E-08	2.61E-08	1.10E-07	9.05E-10	7.44E-12	3.49E-07	4.40E-09	1.37E-09	2.69E-17	7.13E-10	1.89E-12	1.33E-12	2.09E-11	1.30E-11	7.79E-11	1.23E-12	2.81E-11	3.84E-09	3.55E-10	4.58E-09
796	SG_796	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.500	1.44E-08	2.78E-08	1.21E-07	9.41E-10	7.79E-12	3.81E-07	4.61E-09	1.44E-09	2.81E-17	7.47E-10	1.98E-12	1.39E-12	2.19E-11	1.36E-11	8.16E-11	1.29E-12	2.94E-11	4.02E-09	3.72E-10	4.79E-09
797	SG_797	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.500	1.36E-08	2.65E-08	1.16E-07	8.91E-10	7.37E-12	3.59E-07	4.36E-09	1.36E-09	2.66E-17	7.06E-10	1.87E-12	1.32E-12	2.07E-11	1.29E-11	7.71E-11	1.22E-12	2.78E-11	3.80E-09	3.52E-10	4.53E-09
798	SG_798	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.500	1.22E-08	2.39E-08	1.05E-07	8.03E-10	6.63E-12	3.17E-07	3.92E-09	1.22E-09	2.39E-17	6.35E-10	1.68E-12	1.18E-12	1.86E-11	1.16E-11	6.94E-11	1.10E-12	2.51E-11	3.42E-09	3.17E-10	4.08E-09
799	SG_799	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.500	1.09E-08	2.14E-08	9.46E-08	7.18E-10	5.94E-12	2.80E-07	3.51E-09	1.10E-09	2.14E-17	5.70E-10	1.51E-12	1.06E-12	1.67E-11	1.04E-11	6.22E-11	9.85E-13	2.25E-11	3.07E-09	2.84E-10	3.65E-09
800	SG_800	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.500	1.02E-08	2.01E-08	8.96E-08	6.62E-10	5.55E-12	2.63E-07	3.28E-09	1.02E-09	2.00E-17	5.32E-10	1.41E-12	9.91E-13	1.56E-11	9.70E-12	5.81E-11	9.19E-13	2.10E-11	2.86E-09	2.65E-10	3.41E-09
801	SG_801	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.500	9.49E-09	1.87E-08	8.40E-08	6.06E-10	5.15E-12	2.42E-07	3.05E-09	9.50E-10	1.86E-17	4.94E-10	1.31E-12	9.20E-13	1.45E-11	9.00E-12	5.39E-11	8.53E-13	1.95E-11	2.66E-09	2.46E-10	3.17E-09
802	SG_802	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.500	9.06E-09	1.79E-08	8.15E-08	5.67E-10	4.92E-12	2.31E-07	2.91E-09	9.07E-10	1.77E-17	4.71E-10	1.25E-12	8.78E-13	1.38E-11	8.59E-12	5.15E-11	8.15E-13	1.86E-11	2.54E-09	2.35E-10	3.02E-09
803	SG_803	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.500	8.72E-09	1.73E-08	7.95E-08	5.37E-10	4.73E-12	2.21E-07	2.80E-09	8.73E-10	1.71E-17	4.54E-10	1.20E-12	8.46E-13	1.33E-11	8.27E-12	4.95E-11	7.84E-13	1.79E-11	2.44E-09	2.26E-10	2.91E-09
804	SG_804	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.500	8.00E-09	1.59E-08	7.30E-08	4.91E-10	4.34E-12	1.94E-07	2.57E-09	8.02E-10	1.57E-17	4.16E-10	1.10E-12	7.76E-13	1.22E-11	7.59E-12	4.55E-11	7.20E-13	1.64E-11	2.24E-09	2.07E-10	2.67E-09
805	SG_805	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.500	7.77E-09	1.55E-08	7.16E-08	4.74E-10	4.22E-12	1.85E-07	2.49E-09	7.78E-10	1.52E-17	4.04E-10	1.07E-12	7.54E-13	1.18E-11	7.37E-12	4.41E-11	6.99E-13	1.59E-11	2.18E-09	2.01E-10	2.59E-09
806	SG_806	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.500	7.74E-09	1.55E-08	7.23E-08	4.70E-10	4.20E-12	1.84E-07	2.48E-09	7.75E-10	1.52E-17	4.03E-10	1.07E-12	7.52E-13	1.18E-11	7.34E-12	4.40E-11	6.96E-13	1.59E-11	2.17E-09	2.01E-10	2.58E-09
807	SG_807	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.700	6.45E-09	1.20E-08	5.42E-08	3.21E-10	3.49E-12	1.89E-07	2.06E-09	6.44E-10	1.26E-17	3.35E-10	8.86E-13	6.22E-13	9.80E-12	6.10E-12	3.65E-11	5.78E-13	1.32E-11	1.80E-09	1.67E-10	2.15E-09
808	SG_808	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.700	6.84E-09	1.26E-08	5.54E-08	3.26E-10	3.69E-12	1.81E-07	2.18E-09	6.81E-10	1.33E-17	3.54E-10	9.38E-13	6.59E-13	1.04E-11	6.45E-12	3.87E-11	6.12E-13	1.40E-11	1.91E-09	1.76E-10	2.27E-09
809	SG_809	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.700	7.37E-09	1.35E-08	5.84E-08	3.44E-10	3.98E-12	1.86E-07	2.35E-09	7.34E-10	1.44E-17	3.81E-10	1.01E-12	7.11E-13	1.12E-11	6.96E-12	4.16E-11	6.59E-13	1.50E-11	2.05E-09	1.90E-10	2.45E-09
810	SG_810	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.700	7.97E-09	1.45E-08	6.21E-08	3.67E-10	4.30E-12	1.94E-07	2.54E-09	7.93E-10	1.55E-17	4.12E-10	1.09E-12	7.68E-13	1.21E-11	7.51E-12	4.50E-11	7.12E-13	1.62E-11	2.22E-09	2.05E-10	2.64E-09
811	SG_811	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.700	8.71E-09	1.58E-08	6.74E-08	4.00E-10	4.69E-12	2.07E-07	2.77E-09	8.65E-10	1.69E-17	4.49E-10	1.19E-12	8.39E-13	1.32E-11	8.19E-12	4.90E-11	7.77E-13	1.77E-11	2.42E-09	2.24E-10	2.88E-09
812	SG_812	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.700	9.82E-09	1.78E-08	7.69E-08	4.58E-10	5.27E-12	2.37E-07	3.12E-09	9.73E-10	1.90E-17	5.05E-10	1.34E-12	9.44E-13	1.48E-11	9.22E-12	5.52E-11	8.74E-13	1.99E-11	2.72E-09	2.52E-10	3.24E-09
813	SG_813	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.700	1.09E-08	1.98E-08	8.59E-08	5.25E-10	5.84E-12	2.70E-07	3.45E-09	1.08E-09	2.11E-17	5.60E-10	1.49E-12	1.05E-12	1.64E-11	1.02E-11	6.11E-11	9.68E-13	2.21E-11	3.01E-09	2.79E-10	3.59E-09
814	SG_814	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6369.700	1.23E-08	2.20E-08	9.60E-08	6.15E-10	6.48E-12	3.15E-07	3.83E-09	1.19E-09	2.34E-17	6.21E-10	1.65E-12	1.16E-12	1.82E-11	1.13E-11	6.78E-11	1.07E-12	2.45E-11	3.34E-09	3.09E-10	3.98E-09
815	SG_815	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6369.700	1.35E-08	2.37E-08	1.03E-07	7.13E-10	7.01E-12	3.63E-07	4.15E-09	1.29E-09	2.53E-17	6.72E-10	1.78E-12	1.26E-12	1.97E-11	1.23E-11	7.34E-11	1.16E-12	2.65E-11	3.62E-09	3.35E-10	4.31E-09
816	SG_816	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6369.700	1.47E-08	2.47E-08	1.07E-07	8.17E-10	7.43E-12	4.12E-07	4.39E-09	1.37E-09	2.68E-17	7.12E-10	1.89E-12	1.33E-12	2.08E-11	1.30E-11	7.77E-11	1.23E-12	2.81E-11	3.83E-09	3.55E-10	4.57E-09
817	SG_817	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6369.700	1.59E-08	2.57E-08	1.10E-07	9.42E-10	7.84E-12	4.67E-07	4.63E-09	1.45E-09	2.83E-17	7.51E-10	1.99E-12	1.40E-12	2.20E-11	1.37E-11	8.20E-11	1.30E-12	2.96E-11	4.04E-09	3.74E-10	4.82E-09
818	SG_818	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6369.700	1.63E-08	2.64E-08	1.11E-07	1.05E-09	8.09E-12	4.70E-07	4.79E-09	1.49E-09	2.92E-17	7.76E-10	2.06E-12	1.44E-12	2.27E-11	1.41E-11	8.47E-11	1.34E-12	3.06E-11	4.18E-09	3.87E-10	4.98E-09
819	SG_819	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.700	1.65E-08	2.81E-08	1.16E-07	1.16E-09	8.48E-12	4.47E-07	5.01E-09	1.56E-09	3.06E-17	8.13E-10	2.15E-12	1.51E-12	2.38E-11	1.48E-11	8.88E-11	1.41E-12	3.21E-11	4.38E-09	4.05E-10	5.22E-09
820	SG_820	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6369.700	1.64E-08	2.91E-08	1.20E-07	1.21E-09	8.66E-12	4.18E-07	5.12E-09	1.60E-09	3.13E-17	8.31E-10	2.20E-12	1.54E-12	2.43E-11	1.51E-11	9.07E-11	1.44E-12	3.28E-11	4.47E-09	4.14E-10	5.33E-09
821	SG_821	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.700	1.54E-08	2.79E-08	1.14E-07	1.16E-09	8.28E-12	3.73E-07	4.90E-09	1.53E-09	2.99E-17	7.94E-10	2.10E-12	1.47E-12	2.33E-11	1.45E-11	8.68E-11	1.37E-12	3.13E-11	4.28E-09	3.96E-10	5.10E-09
822	SG_822	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.700	1.42E-08	2.58E-08	1.05E-07	1.04E-09	7.66E-12	3.31E-07	4.53E-09	1.41E-09	2.77E-17	7.35E-10	1.95E-12	1.36E-12	2.15E-11	1.34E-11	8.02E-11	1.27E-12	2.90E-11	3.96E-09	3.66E-10	4.71E-09
823	SG_823	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.700	1.31E-08	2.39E-08	9.77E-08	9.28E-10	7.06E-12	3.09E-07	4.18E-09	1.30E-09	2.55E-17	6.78E-10	1.79E-12	1.26E-12	1.98E-11	1.24E-11	7.40E-11	1.17E-12	2.67E-11	3.65E-09	3.38E-10	4.35E-09
824	SG_824	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.700	1.22E-08	2.26E-08	9.32E-08	8.45E-10	6.61E-12	2.98E-07	3.91E-09	1.22E-09	2.39E-17	6.34E-10	1.68E-12	1.18E-12	1.86E-11	1.16E-11	6.92E-11	1.10E-12	2.50E-11	3.41E-09	3.16E-10	4.07E-09
825	SG_825	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.700	1.16E-08	2.17E-08	9.02E-08	7.89E-10	6.30E-12	2.83E-07	3.72E-09	1.16E-09	2.27E-17	6.04E-10	1.60E-12	1.12E-12	1.77E-11	1.10E-11	6.59E-11	1.04E-12	2.38E-11	3.25E-09	3.01E-10	3.87E-09
826	SG_826	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.700	1.16E-08	2.20E-08	9.27E-08	7.78E-10	6.30E-12	2.86E-07	3.73E-09	1.16E-09	2.28E-17	6.04E-10	1.60E-12	1.13E-12	1.77E-11	1.10E-11	6.60E-11	1.04E-12	2.38E-11	3.25E-09	3.01E-10	3.88E-09
827	SG_827	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.700	1.21E-08	2.33E-08	1.01E-07	8.05E-10	6.57E-12	3.07E-07	3.89E-09	1.21E-09	2.37E-17	6.30E-10	1.67E-12	1.18E-12	1.85E-11	1.15E-11	6.88E-11	1.09E-12	2.48E-11	3.39E-09	3.14E-10	4.04E-09
828	SG_828	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.700	1.21E-08	2.37E-08	1.04E-07	8.04E-10	6.60E-12	3.11E-07	3.90E-09	1.22E-09	2.38E-17	6.32E-10	1.68E-12	1.18E-12	1.85E-11	1.15E-11	6.90E-11	1.09E-12	2.49E-11	3.40E-09	3.15E-10	4.06E-09
829	SG_829	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.700	1.16E-08	2.27E-08	1.01E-07	7.65E-10	6.30E-12	2.97E-07	3.73E-09	1.16E-09	2.27E-17	6.04E-10	1.60E-12	1.13E-12	1.77E-11	1.10E-11	6.60E-11	1.04E-12	2.38E-11	3.25E-09	3.01E-10	3.88E-09
830	SG_830	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.700	1.06E-08	2.09E-08	9.27E-08	6.98E-10	5.77E-12	2.68E-07	3.41E-09	1.06E-09	2.08E-17	5.53E-10	1.47E-12	1.03E-12	1.62E-11	1.01E-11	6.04E-11	9.56E-13	2.18E-11	2.98E-09	2.75E-10	3.55E-09
831	SG_831	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.700	9.75E-09	1.92E-08	8.56E-08	6.38E-10	5.29E-12	2.44E-07	3.13E-09	9.77E-10	1.91E-17	5.07E-10	1.35E-12	9.45E-13	1.49E-11	9.25E-12	5.54E-11	8.77E-13	2.00E-11	2.73E-09	2.53E-10	3.26E-09
832	SG_832	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.700	8.85E-09	1.74E-08	7.79E-08	5.77E-10	4.81E-12	2.17E-07	2.84E-09	8.87E-10	1.73E-17	4.61E-10	1.22E-12	8.59E-13	1.35E-11	8.40E-12	5.03E-11	7.96E-13	1.82E-11	2.48E-09	2.29E-10	2.96E-09
833	SG_833	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.700	8.42E-09	1.66E-08	7.51E-08	5.41E-10	4.57E-12	2.07E-07	2.70E-09	8.43E-10	1.65E-17	4.38E-10	1.16E-12	8.17E-13	1.28E-11	7.99E-12	4.78E-11	7.57E-13	1.73E-11	2.36E-09	2.18E-10	2.81E-09
834	SG_834	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.700	7.91E-09	1.56E-08	7.12E-08	5.02E-10	4.29E-12	1.93E-07	2.54E-09	7.93E-10	1.55E-17	4.12E-10	1.09E-12	7.67E-13	1.21E-11	7.51E-12	4.50E-11	7.12E-13	1.62E-11	2.22E-09	2.05E-10	2.64E-09
835	SG_835	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.700	7.37E-09	1.46E-08	6.66E-08	4.64E-10	4.00E-12	1.75E-07	2.37E-09	7.38E-10	1.44E-17	3.83E-10	1.02E-12	7.15E-13	1.12E-11	6.99E-12	4.19E-11	6.63E-13	1.51E-11	2.06E-09	1.91E-10	2.46E-09
836	SG_836	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.700	7.04E-09	1.40E-08	6.42E-08	4.40E-10	3.82E-12	1.64E-07	2.26E-09	7.06E-10	1.38E-17	3.67E-10	9.72E-13	6.84E-13	1.07E-11	6.68E-12	4.00E-11	6.34E-13	1.45E-11	1.97E-09	1.83E-10	2.35E-09
837	SG_837	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.700	7.05E-09	1.40E-08	6.52E-08	4.35E-10	3.82E-12	1.64E-07	2.26E-09	7.06E-10	1.38E-17	3.67E-10	9.72E-13	6.84E-13	1.07E-11	6.69E-12	4.00E-11	6.34E-13	1.44E-11	1.97E-09	1.83E-10	2.35E-09
838	SG_838	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6369.900	6.18E-09	1.15E-08	5.14E-08	3.02E-10	3.34E-12	1.67E-07	1.98E-09	6.17E-10	1.21E-17	3.21E-10	8.49E-13	5.97E-13	9.39E-12	5.84E-12	3.50E-11	5.54E-13	1.26E-11	1.73E-09	1.60E-10	2.06E-09
839	SG_839	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6369.900	6.76E-09	1.25E-08	5.54E-08	3.22E-10	3.66E-12	1.71E-07	2.16E-09	6.75E-10	1.32E-17	3.51E-10	9.30E-13	6.53E-13	1.03E-11	6.39E-12	3.83E-11	6.06E-13	1.38E-11	1.89E-09	1.75E-10	2.25E-09
840	SG_840	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6369.900	7.20E-09	1.32E-08	5.76E-08	3.35E-10	3.89E-12	1.71E-07	2.30E-09	7.18E-10	1.41E-17	3.73E-10	9.90E-13	6.96E-13	1.09E-11	6.81E-12	4.08E-11	6.45E-13	1.47E-11	2.01E-09	1.86E-10	2.39E-09
841	SG_841	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6369.900	7.89E-09	1.45E-08	6.29E-08	3.65E-10	4.26E-12	1.84E-07	2.52E-09	7.86E-10	1.54E-17	4.08E-10	1.08E-12	7.62E-13	1.20E-11	7.45E-12	4.46E-11	7.06E-13	1.61E-11	2.20E-09	2.03E-10	2.62E-09
842	SG_842	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6369.900	8.70E-09	1.59E-08	6.95E-08	4.05E-10	4.69E-12	2.03E-07	2.77E-09	8.65E-10	1.69E-17	4.49E-10	1.19E-12	8.39E-13	1.32E-11	8.19E-12	4.90E-11	7.77E-13	1.77E-11	2.42E-09	2.24E-10	2.88E-09
843	SG_843	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6369.900	9.79E-09	1.80E-08	7.92E-08	4.67E-10	5.26E-12	2.35E-07	3.11E-09	9.70E-10	1.90E-17	5.04E-10	1.34E-12	9.41E-13	1.48E-11	9.19E-12	5.50E-11	8.71E-13	1.99E-11	2.71E-09	2.51E-10	3.23E-09
844	SG_844	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6369.900	1.06E-08	1.94E-08	8.52E-08	5.25E-10	5.66E-12	2.58E-07	3.35E-09	1.05E-09	2.04E-17	5.43E-10	1.44E-12	1.01E-12	1.59E-11	9.90E-12	5.93E-11	9.39E-13	2.14E-11	2.92E-09	2.70E-10	3.48E-09
845	SG_845	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6369.900	1.19E-08	2.16E-08	9.55E-08	6.18E-10	6.28E-12	3.02E-07	3.72E-09	1.16E-09	2.27E-17	6.02E-10	1.60E-12	1.12E-12	1.76E-11	1.10E-11	6.58E-11	1.04E-12	2.37E-11	3.24E-09	3.00E-10	3.86E-09
846	SG_846	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6369.900	1.30E-08	2.32E-08	1.02E-07	7.09E-10	6.76E-12	3.44E-07	4.00E-09	1.25E-09	2.44E-17	6.48E-10	1.72E-12	1.21E-12	1.90E-11	1.18E-11	7.08E-11	1.12E-12	2.56E-11	3.49E-09	3.23E-10	4.16E-09
847	SG_847	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6369.900	1.38E-08	2.34E-08	1.02E-07	7.82E-10	6.96E-12	3.81E-07	4.11E-09	1.28E-09	2.51E-17	6.67E-10	1.77E-12	1.24E-12	1.95E-11	1.22E-11	7.28E-11	1.15E-12	2.63E-11	3.59E-09	3.32E-10	4.28E-09
848	SG_848	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6369.900	1.42E-08	2.27E-08	9.78E-08	8.44E-10	6.93E-12	4.10E-07	4.10E-09	1.28E-09	2.50E-17	6.64E-10	1.76E-12	1.24E-12	1.94E-11	1.21E-11	7.25E-11	1.15E-12	2.62E-11	3.58E-09	3.31E-10	4.26E-09
849	SG_849	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6369.900	1.42E-08	2.23E-08	9.41E-08	9.03E-10	6.88E-12	4.10E-07	4.07E-09	1.27E-09	2.48E-17	6.60E-10	1.75E-12	1.23E-12	1.93E-11	1.20E-11	7.20E-11	1.14E-12	2.60E-11	3.55E-09	3.29E-10	4.23E-09
850	SG_850	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.900	1.39E-08	2.31E-08	9.67E-08	9.62E-10	7.03E-12	3.80E-07	4.16E-09	1.30E-09	2.54E-17	6.75E-10	1.79E-12	1.25E-12	1.98E-11	1.23E-11	7.37E-11	1.17E-12	2.66E-11	3.63E-09	3.36E-10	4.33E-09
851	SG_851	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6369.900	1.37E-08	2.42E-08	1.01E-07	9.99E-10	7.21E-12	3.52E-07	4.27E-09	1.33E-09	2.60E-17	6.92E-10	1.83E-12	1.28E-12	2.03E-11	1.26E-11	7.55E-11	1.20E-12	2.73E-11	3.72E-09	3.45E-10	4.44E-09
852	SG_852	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.900	1.29E-08	2.34E-08	9.60E-08	9.54E-10	6.92E-12	3.10E-07	4.10E-09	1.28E-09	2.50E-17	6.64E-10	1.76E-12	1.23E-12	1.94E-11	1.21E-11	7.25E-11	1.15E-12	2.62E-11	3.58E-09	3.31E-10	4.26E-09
853	SG_853	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.900	1.20E-08	2.19E-08	8.95E-08	8.70E-10	6.47E-12	2.77E-07	3.83E-09	1.19E-09	2.34E-17	6.21E-10	1.64E-12	1.15E-12	1.82E-11	1.13E-11	6.78E-11	1.07E-12	2.45E-11	3.34E-09	3.09E-10	3.98E-09
854	SG_854	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.900	1.15E-08	2.11E-08	8.76E-08	8.09E-10	6.20E-12	2.75E-07	3.67E-09	1.14E-09	2.24E-17	5.95E-10	1.57E-12	1.10E-12	1.74E-11	1.08E-11	6.49E-11	1.03E-12	2.34E-11	3.20E-09	2.96E-10	3.82E-09
855	SG_855	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.900	1.08E-08	2.02E-08	8.45E-08	7.52E-10	5.88E-12	2.68E-07	3.48E-09	1.09E-09	2.12E-17	5.64E-10	1.49E-12	1.05E-12	1.65E-11	1.03E-11	6.16E-11	9.74E-13	2.22E-11	3.04E-09	2.81E-10	3.62E-09
856	SG_856	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.900	1.03E-08	1.93E-08	8.09E-08	7.07E-10	5.58E-12	2.51E-07	3.30E-09	1.03E-09	2.02E-17	5.35E-10	1.42E-12	9.96E-13	1.57E-11	9.76E-12	5.84E-11	9.25E-13	2.11E-11	2.88E-09	2.67E-10	3.43E-09
857	SG_857	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.900	1.02E-08	1.93E-08	8.19E-08	6.94E-10	5.55E-12	2.49E-07	3.28E-09	1.02E-09	2.00E-17	5.32E-10	1.41E-12	9.92E-13	1.56E-11	9.70E-12	5.80E-11	9.19E-13	2.10E-11	2.86E-09	2.65E-10	3.41E-09
858	SG_858	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.900	1.06E-08	2.04E-08	8.82E-08	7.15E-10	5.78E-12	2.65E-07	3.42E-09	1.07E-09	2.09E-17	5.54E-10	1.47E-12	1.03E-12	1.62E-11	1.01E-11	6.05E-11	9.57E-13	2.18E-11	2.98E-09	2.76E-10	3.55E-09
859	SG_859	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.900	1.09E-08	2.11E-08	9.26E-08	7.27E-10	5.90E-12	2.73E-07	3.49E-09	1.09E-09	2.13E-17	5.66E-10	1.50E-12	1.06E-12	1.66E-11	1.03E-11	6.18E-11	9.78E-13	2.23E-11	3.05E-09	2.82E-10	3.63E-09
860	SG_860	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.900	1.06E-08	2.08E-08	9.17E-08	7.06E-10	5.76E-12	2.64E-07	3.40E-09	1.06E-09	2.08E-17	5.52E-10	1.46E-12	1.03E-12	1.62E-11	1.01E-11	6.02E-11	9.54E-13	2.18E-11	2.97E-09	2.75E-10	3.54E-09
861	SG_861	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.900	1.00E-08	1.96E-08	8.74E-08	6.63E-10	5.43E-12	2.46E-07	3.21E-09	1.00E-09	1.96E-17	5.20E-10	1.38E-12	9.69E-13	1.52E-11	9.49E-12	5.68E-11	9.00E-13	2.05E-11	2.80E-09	2.59E-10	3.34E-09
862	SG_862	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.900	9.22E-09	1.81E-08	8.10E-08	6.10E-10	5.01E-12	2.24E-07	2.96E-09	9.24E-10	1.81E-17	4.80E-10	1.27E-12	8.94E-13	1.41E-11	8.75E-12	5.24E-11	8.30E-13	1.89E-11	2.58E-09	2.39E-10	3.08E-09

AQIA DATA - SCENARIO 1 GRID MAX

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							1.62E-07	3.13E-07	1.05E-06	5.68E-08	8.79E-11	2.69E-05	5.19E-08	1.62E-08	3.17E-16	8.41E-09	2.24E-11	1.59E-11	2.46E-10	1.54E-10	9.18E-10	1.46E-11	3.31E-10	4.53E-08	4.19E-09	5.40E-08
Receptor ID of Maximum Offsite Concentration / Deposition Rate							NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837
Coordinates of Maximum Offsite Concentration/ Deposition Rate						X	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464
						Y	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607
863	SG_863	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.900	8.53E-09	1.68E-08	7.54E-08	5.62E-10	4.63E-12	2.06E-07	2.74E-09	8.55E-10	1.67E-17	4.44E-10	1.18E-12	8.28E-13	1.30E-11	8.10E-12	4.85E-11	7.68E-13	1.75E-11	2.39E-09	2.21E-10	2.85E-09
864	SG_864	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.900	7.99E-09	1.57E-08	7.10E-08	5.23E-10	4.33E-12	1.92E-07	2.56E-09	8.00E-10	1.56E-17	4.16E-10	1.10E-12	7.75E-13	1.22E-11	7.58E-12	4.54E-11	7.18E-13	1.64E-11	2.24E-09	2.07E-10	2.67E-09
865	SG_865	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.900	7.36E-09	1.45E-08	6.57E-08	4.80E-10	4.00E-12	1.74E-07	2.36E-09	7.38E-10	1.44E-17	3.83E-10	1.02E-12	7.15E-13	1.12E-11	6.99E-12	4.18E-11	6.62E-13	1.51E-11	2.06E-09	1.91E-10	2.46E-09
866	SG_866	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.900	6.88E-09	1.36E-08	6.17E-08	4.44E-10	3.73E-12	1.59E-07	2.21E-09	6.89E-10	1.35E-17	3.58E-10	9.49E-13	6.67E-13	1.05E-11	6.52E-12	3.91E-11	6.19E-13	1.41E-11	1.93E-09	1.78E-10	2.30E-09
867	SG_867	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.900	6.61E-09	1.31E-08	5.99E-08	4.22E-10	3.59E-12	1.52E-07	2.12E-09	6.62E-10	1.30E-17	3.44E-10	9.12E-13	6.41E-13	1.01E-11	6.27E-12	3.76E-11	5.95E-13	1.36E-11	1.85E-09	1.71E-10	2.21E-09
868	SG_868	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.900	6.29E-09	1.25E-08	5.73E-08	3.99E-10	3.41E-12	1.42E-07	2.02E-09	6.30E-10	1.23E-17	3.27E-10	8.68E-13	6.10E-13	9.58E-12	5.97E-12	3.57E-11	5.66E-13	1.29E-11	1.76E-09	1.63E-10	2.10E-09
869	SG_869	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6370.100	6.03E-09	1.12E-08	5.04E-08	2.94E-10	3.26E-12	1.54E-07	1.93E-09	6.02E-10	1.18E-17	3.13E-10	8.30E-13	5.83E-13	9.17E-12	5.71E-12	3.42E-11	5.41E-13	1.23E-11	1.69E-09	1.56E-10	2.01E-09
870	SG_870	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6370.100	6.57E-09	1.22E-08	5.42E-08	3.12E-10	3.55E-12	1.58E-07	2.10E-09	6.56E-10	1.28E-17	3.41E-10	9.04E-13	6.35E-13	9.98E-12	6.21E-12	3.72E-11	5.89E-13	1.34E-11	1.83E-09	1.70E-10	2.19E-09
871	SG_871	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6370.100	7.16E-09	1.32E-08	5.86E-08	3.35E-10	3.87E-12	1.66E-07	2.29E-09	7.14E-10	1.40E-17	3.71E-10	9.84E-13	6.92E-13	1.09E-11	6.76E-12	4.05E-11	6.41E-13	1.46E-11	2.00E-09	1.85E-10	2.38E-09
872	SG_872	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6370.100	7.81E-09	1.44E-08	6.37E-08	3.65E-10	4.21E-12	1.79E-07	2.49E-09	7.77E-10	1.52E-17	4.04E-10	1.07E-12	7.54E-13	1.18E-11	7.37E-12	4.41E-11	6.98E-13	1.59E-11	2.17E-09	2.01E-10	2.59E-09
873	SG_873	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6370.100	8.58E-09	1.58E-08	7.01E-08	4.06E-10	4.61E-12	1.99E-07	2.72E-09	8.50E-10	1.66E-17	4.42E-10	1.17E-12	8.24E-13	1.29E-11	8.06E-12	4.82E-11	7.64E-13	1.74E-11	2.38E-09	2.20E-10	2.83E-09
874	SG_874	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6370.100	9.39E-09	1.73E-08	7.68E-08	4.58E-10	5.02E-12	2.24E-07	2.97E-09	9.26E-10	1.81E-17	4.81E-10	1.28E-12	8.98E-13	1.41E-11	8.78E-12	5.25E-11	8.32E-13	1.90E-11	2.59E-09	2.40E-10	3.09E-09
875	SG_875	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6370.100	1.03E-08	1.88E-08	8.38E-08	5.24E-10	5.46E-12	2.53E-07	3.23E-09	1.01E-09	1.97E-17	5.23E-10	1.39E-12	9.76E-13	1.53E-11	9.54E-12	5.71E-11	9.04E-13	2.06E-11	2.82E-09	2.61E-10	3.36E-09
876	SG_876	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6370.100	1.13E-08	2.07E-08	9.25E-08	6.09E-10	5.98E-12	2.92E-07	3.54E-09	1.10E-09	2.16E-17	5.73E-10	1.52E-12	1.07E-12	1.68E-11	1.05E-11	6.26E-11	9.91E-13	2.26E-11	3.09E-09	2.86E-10	3.68E-09
877	SG_877	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6370.100	1.22E-08	2.17E-08	9.72E-08	6.84E-10	6.33E-12	3.26E-07	3.74E-09	1.17E-09	2.28E-17	6.07E-10	1.61E-12	1.13E-12	1.78E-11	1.11E-11	6.62E-11	1.05E-12	2.39E-11	3.27E-09	3.02E-10	3.89E-09
878	SG_878	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6370.100	1.27E-08	2.17E-08	9.62E-08	7.40E-10	6.42E-12	3.55E-07	3.79E-09	1.18E-09	2.32E-17	6.15E-10	1.63E-12	1.15E-12	1.80E-11	1.12E-11	6.72E-11	1.06E-12	2.42E-11	3.31E-09	3.06E-10	3.95E-09
879	SG_879	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6370.100	1.27E-08	2.03E-08	8.83E-08	7.69E-10	6.18E-12	3.65E-07	3.66E-09	1.14E-09	2.23E-17	5.93E-10	1.57E-12	1.10E-12	1.74E-11	1.08E-11	6.47E-11	1.02E-12	2.34E-11	3.19E-09	2.95E-10	3.80E-09
880	SG_880	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6370.100	1.24E-08	1.95E-08	8.28E-08	7.95E-10	6.00E-12	3.52E-07	3.55E-09	1.11E-09	2.17E-17	5.75E-10	1.52E-12	1.07E-12	1.68E-11	1.05E-11	6.28E-11	9.94E-13	2.27E-11	3.10E-09	2.87E-10	3.69E-09
881	SG_881	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6370.100	1.22E-08	2.04E-08	8.63E-08	8.41E-10	6.16E-12	3.35E-07	3.65E-09	1.14E-09	2.23E-17	5.91E-10	1.57E-12	1.10E-12	1.73E-11	1.08E-11	6.46E-11	1.02E-12	2.33E-11	3.18E-09	2.95E-10	3.79E-09
882	SG_882	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6370.100	1.18E-08	2.08E-08	8.74E-08	8.50E-10	6.19E-12	3.01E-07	3.66E-09	1.14E-09	2.24E-17	5.94E-10	1.57E-12	1.10E-12	1.74E-11	1.08E-11	6.48E-11	1.03E-12	2.34E-11	3.20E-09	2.96E-10	3.81E-09
883	SG_883	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6370.100	1.11E-08	2.01E-08	8.32E-08	8.07E-10	5.93E-12	2.63E-07	3.51E-09	1.09E-09	2.14E-17	5.69E-10	1.51E-12	1.05E-12	1.67E-11	1.04E-11	6.21E-11	9.83E-13	2.24E-11	3.06E-09	2.83E-10	3.65E-09
884	SG_884	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6370.100	1.02E-08	1.86E-08	7.66E-08	7.36E-10	5.51E-12	2.31E-07	3.26E-09	1.02E-09	1.99E-17	5.29E-10	1.40E-12	9.81E-13	1.55E-11	9.63E-12	5.77E-11	9.14E-13	2.08E-11	2.85E-09	2.63E-10	3.39E-09
885	SG_885	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6370.100	9.59E-09	1.76E-08	7.25E-08	6.79E-10	5.19E-12	2.18E-07	3.07E-09	9.58E-10	1.87E-17	4.97E-10	1.32E-12	9.24E-13	1.46E-11	9.07E-12	5.43E-11	8.60E-13	1.96E-11	2.68E-09	2.48E-10	3.19E-09
886	SG_886	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6370.100	9.23E-09	1.71E-08	7.13E-08	6.47E-10	5.00E-12	2.17E-07	2.96E-09	9.23E-10	1.81E-17	4.79E-10	1.27E-12	8.91E-13	1.40E-11	8.74E-12	5.23E-11	8.29E-13	1.89E-11	2.58E-09	2.39E-10	3.08E-09
887	SG_887	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6370.100	9.02E-09	1.69E-08	7.11E-08	6.27E-10	4.89E-12	2.16E-07	2.90E-09	9.03E-10	1.77E-17	4.69E-10	1.24E-12	8.73E-13	1.37E-11	8.56E-12	5.12E-11	8.11E-13	1.85E-11	2.53E-09	2.34E-10	3.01E-09
888	SG_888	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6370.100	9.08E-09	1.72E-08	7.32E-08	6.24E-10	4.93E-12	2.19E-07	2.92E-09	9.10E-10	1.78E-17	4.73E-10	1.25E-12	8.82E-13	1.38E-11	8.62E-12	5.16E-11	8.17E-13	1.86E-11	2.54E-09	2.35E-10	3.03E-09
889	SG_889	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6370.100	9.27E-09	1.77E-08	7.64E-08	6.32E-10	5.03E-12	2.24E-07	2.97E-09	9.28E-10	1.82E-17	4.82E-10	1.28E-12	9.01E-13	1.41E-11	8.80E-12	5.26E-11	8.34E-13	1.90E-11	2.60E-09	2.40E-10	3.09E-09
890	SG_890	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6370.100	9.56E-09	1.85E-08	8.09E-08	6.48E-10	5.19E-12	2.33E-07	3.07E-09	9.58E-10	1.87E-17	4.98E-10	1.32E-12	9.30E-13	1.46E-11	9.08E-12	5.43E-11	8.60E-13	1.96E-11	2.68E-09	2.48E-10	3.19E-09
891	SG_891	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6370.100	9.64E-09	1.88E-08	8.33E-08	6.49E-10	5.23E-12	2.35E-07	3.09E-09	9.66E-10	1.89E-17	5.02E-10	1.33E-12	9.36E-13	1.47E-11	9.15E-12	5.48E-11	8.67E-13	1.98E-11	2.70E-09	2.50E-10	3.22E-09
892	SG_892	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6370.100	9.35E-09	1.84E-08	8.18E-08	6.26E-10	5.07E-12	2.26E-07	3.00E-09	9.36E-10	1.83E-17	4.86E-10	1.29E-12	9.07E-13	1.42E-11	8.87E-12	5.31E-11	8.41E-13	1.92E-11	2.62E-09	2.42E-10	3.12E-09
893	SG_893	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6370.100	8.75E-09	1.72E-08	7.70E-08	5.85E-10	4.75E-12	2.09E-07	2.81E-09	8.76E-10	1.71E-17	4.55E-10	1.21E-12	8.48E-13	1.33E-11	8.30E-12	4.97E-11	7.87E-13	1.80E-11	2.45E-09	2.27E-10	2.92E-09
894	SG_894	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6370.100	8.31E-09	1.64E-08	7.38E-08	5.52E-10	4.51E-12	1.98E-07	2.67E-09	8.32E-10	1.63E-17	4.32E-10	1.15E-12	8.06E-13	1.27E-11	7.88E-12	4.72E-11	7.47E-13	1.70E-11	2.33E-09	2.15E-10	2.77E-09
895	SG_895	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6370.100	7.58E-09	1.49E-08	6.73E-08	5.04E-10	4.11E-12	1.77E-07	2.43E-09	7.59E-10	1.49E-17	3.94E-10	1.05E-12	7.36E-13	1.15E-11	7.19E-12	4.31E-11	6.82E-13	1.55E-11	2.12E-09	1.96E-10	2.53E-09
896	SG_896	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6370.100	6.88E-09	1.35E-08	6.09E-08	4.58E-10	3.73E-12	1.57E-07	2.21E-09	6.89E-10	1.35E-17	3.58E-10	9.49E-13	6.68E-13	1.05E-11	6.53E-12	3.91E-11	6.19E-13	1.41E-11	1.93E-09	1.78E-10	2.30E-09
897	SG_897	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6370.100	6.41E-09	1.26E-08	5.70E-08	4.24E-10	3.48E-12	1.44E-07	2.06E-09	6.42E-10	1.26E-17	3.33E-10	8.84E-13	6.22E-13	9.76E-12	6.08E-12	3.64E-11	5.76E-13	1.31E-11	1.79E-09	1.66E-10	2.14E-09
898	SG_898	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6370.100	6.03E-09	1.19E-08	5.39E-08	3.96E-10	3.27E-12	1.33E-07	1.93E-09	6.04E-10	1.18E-17	3.14E-10	8.32E-13	5.85E-13	9.18E-12	5.72E-12	3.42E-11	5.42E-13	1.24E-11	1.69E-09	1.56E-10	2.01E-09
899	SG_899	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6370.100	5.83E-09	1.15E-08	5.27E-08	3.80E-10	3.16E-12	1.28E-07	1.87E-09	5.84E-10	1.14E-17	3.03E-10	8.05E-13	5.66E-13	8.88E-12	5.53E-12	3.31E-11	5.24E-13	1.20E-11	1.63E-09	1.51E-10	1.95E-09
900	SG_900	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6370.300	5.90E-09	1.10E-08	4.98E-08	2.87E-10	3.19E-12	1.44E-07	1.89E-09	5.89E-10	1.15E-17	3.06E-10	8.12E-13	5.71E-13	8.97E-12	5.58E-12	3.34E-11	5.29E-13	1.21E-11	1.65E-09	1.53E-10	1.96E-09
901	SG_901	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6370.300	6.53E-09	1.22E-08	5.50E-08	3.11E-10	3.53E-12	1.53E-07	2.09E-09	6.52E-10	1.28E-17	3.39E-10	8.98E-13	6.31E-13	9.92E-12	6.18E-12	3.70E-11	5.85E-13	1.34E-11	1.82E-09	1.69E-10	2.17E-09
902	SG_902	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6370.300	7.12E-09	1.33E-08	5.97E-08	3.36E-10	3.84E-12	1.63E-07	2.27E-09	7.09E-10	1.39E-17	3.69E-10	9.77E-13	6.87E-13	1.08E-11	6.72E-12	4.02E-11	6.37E-13	1.45E-11	1.98E-09	1.84E-10	2.36E-09
903	SG_903	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6370.300	7.67E-09	1.42E-08	6.39E-08	3.62E-10	4.12E-12	1.76E-07	2.44E-09	7.61E-10	1.49E-17	3.95E-10	1.05E-12	7.37E-13	1.16E-11	7.21E-12	4.32E-11	6.83E-13	1.56E-11	2.13E-09	1.97E-10	2.54E-09
904	SG_904	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6370.300	8.34E-09	1.53E-08	6.91E-08	4.01E-10	4.45E-12	1.97E-07	2.63E-09	8.21E-10	1.61E-17	4.27E-10	1.13E-12	7.95E-13	1.25E-11	7.78E-12	4.66E-11	7.37E-13	1.68E-11	2.30E-09	2.12E-10	2.74E-09
905	SG_905	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6370.300	9.02E-09	1.64E-08	7.40E-08	4.48E-10	4.77E-12	2.21E-07	2.82E-09	8.80E-10	1.72E-17	4.57E-10	1.21E-12	8.52E-13	1.34E-11	8.33E-12	4.99E-11	7.90E-13	1.80E-11	2.46E-09	2.28E-10	2.93E-09
906	SG_906	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6370.300	9.77E-09	1.76E-08	7.95E-08	5.11E-10	5.12E-12	2.48E-07	3.03E-09	9.45E-10	1.85E-17	4.91E-10	1.30E-12	9.15E-13	1.44E-11	8.95E-12	5.36E-11	8.49E-13	1.94E-11	2.64E-09	2.45E-10	3.15E-09
907	SG_907	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6370.300	1.06E-08	1.90E-08	8.56E-08	5.83E-10	5.51E-12	2.78E-07	3.26E-09	1.02E-09	1.99E-17	5.28E-10	1.40E-12	9.85E-13	1.55E-11	9.63E-12	5.77E-11	9.13E-13	2.08E-11	2.84E-09	2.63E-10	3.39E-09
908	SG_908	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6370.300	1.12E-08	1.98E-08	8.90E-08	6.47E-10	5.77E-12	3.03E-07	3.41E-09	1.07E-09	2.08E-17	5.53E-10	1.47E-12	1.03E-12	1.62E-11	1.01E-11	6.04E-11	9.56E-13	2.18E-11	2.98E-09	2.76E-10	3.55E-09
909	SG_909	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6370.300	1.15E-08	1.96E-08	8.74E-08	6.92E-10	5.80E-12	3.20E-07	3.43E-09	1.07E-09	2.09E-17	5.56E-10	1.47E-12	1.04E-12	1.63E-11	1.01E-11	6.07E-11	9.61E-13	2.19E-11	2.99E-09	2.77E-10	3.57E-09
910	SG_910	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6370.300	1.15E-08	1.86E-08	8.18E-08	7.19E-10	5.63E-12	3.25E-07	3.33E-09	1.04E-09	2.03E-17	5.40E-10	1.43E-12	1.01E-12	1.58E-11	9.84E-12	5.90E-11	9.33E-13	2.13E-11	2.91E-09	2.69E-10	3.46E-09
911	SG_911	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6370.300	1.12E-08	1.80E-08	7.78E-08	7.36E-10	5.49E-12	3.10E-07	3.25E-09	1.01E-09	1.98E-17	5.26E-10	1.39E-12	9.78E-13	1.54E-11	9.59E-12	5.74E-11	9.09E-13	2.07E-11	2.83E-09	2.62E-10	3.38E-09
912	SG_912	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6370.300	1.09E-08	1.85E-08	7.93E-08	7.59E-10	5.55E-12	2.90E-07	3.28E-09	1.02E-09	2.00E-17	5.32E-10	1.41E-12	9.89E-13	1.56E-11	9.70E-12	5.81E-11	9.20E-13	2.10E-11	2.87E-09	2.65E-10	3.42E-09
913	SG_913	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6370.300	1.05E-08	1.86E-08	7.88E-08	7.51E-10	5.49E-12	2.61E-07	3.25E-09	1.01E-09	1.98E-17	5.27E-10	1.40E-12	9.78E-13	1.54E-11	9.61E-12	5.76E-11	9.11E-13	2.08E-11	2.84E-09	2.63E-10	3.38E-09
914	SG_914	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6370.300	9.66E-09	1.75E-08	7.30E-08	6.99E-10	5.16E-12	2.25E-07	3.05E-09	9.53E-10	1.86E-17	4.95E-10	1.31E-12	9.18E-13	1.45E-11	9.02E-12	5.40E-11	8.55E-13	1.95E-11	2.66E-09	2.47E-10	3.18E-09
915	SG_915	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6370.300	8.93E-09	1.63E-08	6.74E-08	6.39E-10	4.81E-12	1.99E-07	2.84E-09	8.87E-10	1.74E-17	4.61E-10	1.22E-12	8.56E-13	1.35E-11	8.40E-12	5.03E-11	7.97E-13	1.82E-11	2.48E-09	2.30E-10	2.96E-09
916	SG_916	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6370.300	8.34E-09	1.53E-08	6.33E-08	5.91E-10	4.51E-12	1.85E-07	2.67E-09	8.33E-10	1.63E-17	4.33E-10	1.15E-12	8.03E-13	1.27E-11	7.88E-12	4.72E-11	7.48E-13	1.71E-11	2.33E-09	2.16E-10	2.78E-09
917	SG_917	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6370.300	8.06E-09	1.49E-08	6.23E-08	5.68E-10	4.37E-12	1.84E-07	2.58E-09	8.06E-10	1.58E-17	4.19E-10	1.11E-12	7.78E-13	1.23E-11	7.64E-12	4.57E-11	7.24E-13	1.65E-11	2.26E-09	2.09E-10	2.69E-09
918	SG_918	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6370.300	7.84E-09	1.46E-08	6.14E-08	5.52E-10	4.25E-12	1.80E-07	2.51E-09	7.85E-10	1.54E-17	4.08E-10	1.08E-12	7.58E-13	1.19E-11	7.43E-12	4.45E-11	7.05E-13	1.61E-11	2.19E-09	2.03E-10	2.62E-09
919	SG_919	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6370.300	8.00E-09	1.51E-08	6.43E-08	5.58E-10	4.34E-12	1.88E-07	2.57E-09	8.01E-10	1.57E-17	4.16E-10	1.10E-12	7.76E-13	1.22E-11	7.59E-12	4.54E-11	7.19E-13	1.64E-11	2.24E-09	2.07E-10	2.67E-09
920	SG_920	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6370.300	8.26E-09	1.58E-08	6.80E-08	5.71E-10	4.48E-12	1.97E-07	2.65E-09	8.27E-10	1.62E-17	4.30E-10	1.14E-12	8.03E-13	1.26E-11	7.84E-12	4.69E-11	7.43E-13	1.69E-11	2.31E-09	2.14E-10	2.76E-09
921	SG_921	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6370.300	8.55E-09	1.65E-08	7.22E-08	5.87E-10	4.64E-12	2.05E-07	2.74E-09	8.57E-10	1.68E-17	4.45E-10	1.18E-12	8.32E-13	1.30E-11	8.12E-12	4.86E-11	7.69E-13	1.75E-11	2.40E-09	2.22E-10	2.85E-09
922	SG_922	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6370.300	8.64E-09	1.68E-08	7.42E-08	5.90E-10	4.69E-12	2.05E-07	2.77E-09	8.65E-10	1.69E-17	4.49E-10	1.19E-12	8.40E-13	1.32E-11	8.20E-12	4.91E-11	7.77E-13	1.77E-11	2.42E-09	2.24E-10	2.88E-09
923	SG_923	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6370.300	8.36E-09	1.64E-08	7.25E-08	5.69E-10	4.54E-12	1.95E-07	2.68E-09	8.37E-10	1.64E-17	4.35E-10	1.15E-12	8.12E-13	1.27E-11	7.93E-12	4.75E-11	7.52E-13	1.71E-11	2.34E-09	2.17E-10	2.79E-09
924	SG_924	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6370.300	7.94E-09	1.56E-08	6.93E-08	5.39E-10	4.31E-12	1.82E-07	2.55E-09	7.95E-10	1.56E-17	4.13E-10	1.10E-12	7.70E-13	1.21E-11	7.53E-12	4.51E-11	7.14E-13	1.63E-11	2.22E-09	2.06E-10	2.65E-09
925	SG_925	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6370.300	7.63E-09	1.50E-08	6.73E-08	5.15E-10	4.14E-12	1.75E-07	2.45E-09	7.65E-10	1.50E-17	3.97E-10	1.05E-12	7.40E-13	1.16E-11	7.24E-12	4.34E-11	6.87E-13	1.57E-11	2.14E-09	1.98E-10	2.55E-09
926	SG_926	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6370.300	7.25E-09	1.43E-08	6.45E-08	4.88E-10	3.94E-12	1.66E-07	2.33E-09	7.27E-10	1.42E-17	3.77E-10	1.00E-12	7.04E-13	1.11E-11	6.88E-12	4.12E-11	6.53E-13	1.49E-11	2.03E-09	1.88E-10	2.42E-09
927	SG_927	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6370.300	6.59E-09	1.30E-08	5.84E-08	4.44E-10	3.58E-12	1.47E-07	2.11E-09	6.60E-10	1.29E-17	3.43E-10	9.09E-13	6.40E-13	1.00E-11	6.25E-12	3.74E-11	5.93E-13	1.35E-11	1.85E-09	1.71E-10	2.20E-09
928	SG_928	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6370.300	6.24E-09	1.23E-08	5.56E-08	4.19E-10	3.38E-12	1.39E-07	2.00E-09	6.24E-10	1.22E-17	3.24E-10	8.61E-13	6.06E-13	9.50E-12	5.92E-12	3.54E-11	5.61E-13	1.28E-11	1.75E-09	1.62E-10	2.08E-09
929	SG_929	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6370.300	5.83E-09	1.15E-08	5.21E-08	3.90E-10	3.16E-12	1.28E-07	1.87E-09	5.84E-10	1.14E-17	3.03E-10	8.05E-13	5.66E-13	8.88E-12	5.53E-12	3.31E-11	5.24E-13	1.20E-11	1.63E-09	1.51E-10	1.95E-09
930	SG_930	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6370.300	5.55E-09	1.10E-08	5.00E-08	3.69E-10	3.01E-12	1.20E-07	1.78E-09	5.56E-10	1.09E-17	2.89E-10	7.66E-13	5.39E-13	8.46E-12	5.27E-12	3.15E-11	4.99E-13	1.14E-11	1.55E-09	1.44E-10	1.85E-09
931	SG_931	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6370.500	5.99E-09	1.13E-08	5.20E-08	2.92E-10	3.24E-12	1.44E-07	1.92E-09	5.98E-10	1.17E-17	3.11E-10	8.24E-13	5.79E-13	9.10E-12	5.67E-12	3.39E-11	5.37E-13	1.23E-11	1.67E-09	1.55E-10	1.99E-09
932	SG_932	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6370.500	6.59E-09	1.24E-08	5.71E-08	3.16E-10	3.56E-12	1.54E-07	2.11E-09	6.58E-10	1.29E-17	3.42E-10	9.06E-13	6.37E-13	1.00E-11	6.23E-12	3.73E-11	5.91E-13	1.35E-11	1.84E-09	1.70E-10	2.19E-09
933	SG_933	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6370.500	7.10E-09	1.33E-08	6.10E-08	3.37E-10	3.82E-12	1.64E-07	2.26E-09	7.05E-10	1.38E-17	3.66E-10	9.71E-13	6.83E-13	1.07E-11	6.68E-12	4.00E-11	6.33E-13	1.44E-11	1.97E-09	1.82E-10	2.35E-09
934	SG_934	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6370.500	7.53E-09	1.39E-08	6.38E-08	3.60E-10	4.02E-12	1.76E-07	2.38E-09	7.42E-10	1.45E-17	3.86E-10	1.02E-12	7.19E-13	1.13E-11	7.03E-12	4.21E-11	6.66E-13	1.52E-11	2.08E-09	1.92E-10	2.47E-09
935	SG_935	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6370.500	7.95E-09	1.44E-08	6.57E-08	3.88E-10	4.19E-12	1.91E-07	2.48E-09	7.73E-10	1.51E-17	4.01E-10	1.06E-12	7.48E-13	1.18E-11	7.32E-12	4.38E-11	6.94E-13	1.58E-11	2.16E-09	2.00E-10	2.57E-09
936	SG_936	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6370.500	8.52E-09	1.51E-08	6.86E-08	4.32E-10	4.41E-12	2.16E-07	2.61E-09	8.14E-10	1.59E-17	4.23E-10	1.12E-12	7.88E-13	1.24E-11	7.71E-12	4.62E-11	7.31E-13	1.67E-11	2.28E-09	2.11E-10	2.71E-09
937	SG_937	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6370.500	9.17E-09	1.60E-08	7.24E-08	4.89E-10	4.69E-12	2.42E-07	2.77E-09	8.65E-10	1.69E-17	4.49E-10	1.19E-12	8.37E-13	1.32E-11	8.19E-12	4.91E-11	7.77E-13	1.77E-11	2.42E-09	2.24E-10	2.88E-09
938	SG_938	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6370.500	9.84E-09	1.71E-08	7.75E-08	5.54E-10	5.01E-12	2.66E-07	2.96E-09	9.25E-10	1.81E-17	4.80E-10	1.27E-12	8.95E-13	1.41E-11	8.76E-12	5.25E-11	8.30E-13	1.89E-11	2.59E-09	2.39E-10	3.08E-09
939	SG_939	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6370.500	1.07E-08	1.86E-08	8.48E-08	6.31E-10	5.43E-12	2.95E-07	3.21E-09	1.00E-09	1.96E-17	5.20E-10	1.38E-12	9.69E-13	1.52E-11	9.49E-12	5.68E-11	9.00E-13	2.05E-11	2.80E-09	2.59E-10	3.34E-09
940	SG_940	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6370.500	1.09E-08	1.88E-08	8.48E-08	6.78E-10	5.51E-12	3.00E-07	3.26E-09	1.02E-09	1.99E-17	5.29E-10	1.40E-12	9.83E-13	1.55E-11	9.64E-12	5.77E-11	9.14E-13	2.08E-11	2.85E-09	2.63E-10	3.39E-09
941	SG_941	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6370.500	1.07E-08	1.81E-08	7.99E-08	6.98E-10	5.35E-12	2.90E-07	3.17E-09	9.88E-10	1.93E-17	5.13E-10	1.36E-12	9.55E-13	1.50E-11	9.36E-12	5.61E-11	8.87E-13	2.02E-11	2.76E-09	2.56E-10	3.29E-09
942	SG_942	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6370.500	1.04E-08	1.76E-08	7.66E-08	7.09E-10	5.23E-12	2.75E-07	3.09E-09	9.65E-10	1.89E-17	5.01E-10	1.33E-12	9.32E-13	1.47E-11	9.14E-12	5.47E-11	8.66E-13	1.98E-11	2.70E-09	2.50E-10	3.22E-09
943	SG_943	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6370.500	9.90E-09	1.73E-08	7.45E-08	7.04E-10	5.11E-12	2.51E-07	3.02E-09	9.44E-10	1.85E-17	4.90E-10	1.30E-12	9.10E-13	1.44E-11	8.93E-12	5.35E-11	8.47E-13	1.93E-11	2.64E-09	2.44E-10	3.15E-09
944	SG_944	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6370.500	9.33E-09	1.68E-08	7.15E-08	6.76E-10	4.93E-12	2.26E-07	2.92E-09	9.10E-10	1.78E-17	4.73E-10	1.25E-12	8.76E-13	1.38E-11	8.61E-12	5.16E-11	8.17E-13	1.86E-11	2.54E-09	2.35E-10	3.03E-09
945	SG_945	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6370.500	8.55E-09	1.56E-08	6.54E-08	6.19E-10	4.57E-12	1.95E-07	2.71E-09	8.44E-10	1.65E-17	4.38E-10	1.16E-12	8.13E-13	1.28E-11	7.99E-12	4.79E-11	7.58E-13	1.73E-11	2.36E-09	2.18E-10	2.81E-09

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 1 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
946	SG_946	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6370.500	7.88E-09	1.44E-08	6.01E-08	5.64E-10	4.25E-12	1.74E-07	2.51E-09	7.84E-10	1.53E-17	4.07E-10	1.08E-12	7.56E-13	1.19E-11	7.42E-12	4.45E-11	7.04E-13	1.61E-11	2.19E-09	2.03E-10	2.61E-09
947	SG_947	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6370.500	7.36E-09	1.35E-08	5.62E-08	5.22E-10	3.98E-12	1.60E-07	2.35E-09	7.35E-10	1.44E-17	3.82E-10	1.01E-12	7.09E-13	1.12E-11	6.96E-12	4.17E-11	6.60E-13	1.51E-11	2.06E-09	1.90E-10	2.45E-09
948	SG_948	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6370.500	7.19E-09	1.33E-08	5.59E-08	5.08E-10	3.89E-12	1.61E-07	2.30E-09	7.19E-10	1.41E-17	3.74E-10	9.89E-13	6.94E-13	1.09E-11	6.81E-12	4.08E-11	6.46E-13	1.47E-11	2.01E-09	1.86E-10	2.40E-09
949	SG_949	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6370.500	7.10E-09	1.33E-08	5.60E-08	5.02E-10	3.85E-12	1.61E-07	2.28E-09	7.10E-10	1.39E-17	3.69E-10	9.77E-13	6.86E-13	1.08E-11	6.72E-12	4.03E-11	6.38E-13	1.45E-11	1.99E-09	1.84E-10	2.37E-09
950	SG_950	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6370.500	7.16E-09	1.35E-08	5.77E-08	5.06E-10	3.89E-12	1.65E-07	2.30E-09	7.17E-10	1.40E-17	3.73E-10	9.88E-13	6.94E-13	1.09E-11	6.79E-12	4.07E-11	6.44E-13	1.47E-11	2.01E-09	1.86E-10	2.39E-09
951	SG_951	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6370.500	7.26E-09	1.38E-08	5.94E-08	5.11E-10	3.94E-12	1.68E-07	2.33E-09	7.27E-10	1.42E-17	3.78E-10	1.00E-12	7.05E-13	1.11E-11	6.89E-12	4.12E-11	6.53E-13	1.49E-11	2.03E-09	1.88E-10	2.42E-09
952	SG_952	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6370.500	7.49E-09	1.44E-08	6.26E-08	5.24E-10	4.07E-12	1.73E-07	2.40E-09	7.50E-10	1.47E-17	3.90E-10	1.03E-12	7.29E-13	1.14E-11	7.11E-12	4.25E-11	6.74E-13	1.54E-11	2.10E-09	1.94E-10	2.50E-09
953	SG_953	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6370.500	7.80E-09	1.52E-08	6.69E-08	5.40E-10	4.24E-12	1.82E-07	2.50E-09	7.81E-10	1.53E-17	4.06E-10	1.08E-12	7.59E-13	1.19E-11	7.41E-12	4.43E-11	7.02E-13	1.60E-11	2.19E-09	2.02E-10	2.60E-09
954	SG_954	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6370.500	7.79E-09	1.53E-08	6.78E-08	5.37E-10	4.23E-12	1.80E-07	2.50E-09	7.81E-10	1.53E-17	4.06E-10	1.08E-12	7.58E-13	1.19E-11	7.40E-12	4.43E-11	7.01E-13	1.60E-11	2.18E-09	2.02E-10	2.60E-09
955	SG_955	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6370.500	7.47E-09	1.47E-08	6.53E-08	5.13E-10	4.05E-12	1.69E-07	2.40E-09	7.48E-10	1.46E-17	3.89E-10	1.03E-12	7.25E-13	1.14E-11	7.09E-12	4.24E-11	6.72E-13	1.53E-11	2.09E-09	1.94E-10	2.49E-09
956	SG_956	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6370.500	7.16E-09	1.41E-08	6.30E-08	4.89E-10	3.88E-12	1.60E-07	2.30E-09	7.17E-10	1.40E-17	3.72E-10	9.87E-13	6.94E-13	1.09E-11	6.79E-12	4.06E-11	6.44E-13	1.47E-11	2.00E-09	1.85E-10	2.39E-09
957	SG_957	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6370.500	6.82E-09	1.34E-08	6.05E-08	4.65E-10	3.70E-12	1.52E-07	2.19E-09	6.83E-10	1.34E-17	3.55E-10	9.41E-13	6.62E-13	1.04E-11	6.47E-12	3.88E-11	6.14E-13	1.40E-11	1.91E-09	1.77E-10	2.28E-09
958	SG_958	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6370.500	6.34E-09	1.25E-08	5.63E-08	4.32E-10	3.44E-12	1.39E-07	2.03E-09	6.35E-10	1.24E-17	3.30E-10	8.75E-13	6.15E-13	9.66E-12	6.02E-12	3.60E-11	5.70E-13	1.30E-11	1.78E-09	1.64E-10	2.12E-09
959	SG_959	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6370.500	5.94E-09	1.17E-08	5.29E-08	4.05E-10	3.22E-12	1.29E-07	1.91E-09	5.95E-10	1.16E-17	3.09E-10	8.20E-13	5.77E-13	9.05E-12	5.64E-12	3.37E-11	5.34E-13	1.22E-11	1.66E-09	1.54E-10	1.98E-09
960	SG_960	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6370.500	5.68E-09	1.12E-08	5.09E-08	3.85E-10	3.08E-12	1.23E-07	1.82E-09	5.69E-10	1.11E-17	2.95E-10	7.84E-13	5.52E-13	8.65E-12	5.39E-12	3.23E-11	5.11E-13	1.16E-11	1.59E-09	1.47E-10	1.90E-09
961	SG_961	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6370.500	5.47E-09	1.08E-08	4.95E-08	3.69E-10	2.97E-12	1.19E-07	1.76E-09	5.48E-10	1.07E-17	2.85E-10	7.55E-13	5.32E-13	8.34E-12	5.19E-12	3.11E-11	4.92E-13	1.12E-11	1.53E-09	1.42E-10	1.83E-09
962	SR_1	Sensitive Receptor	Recreational	Offsite	378.382	6370.479	1.08E-08	1.88E-08	8.55E-08	6.53E-10	5.51E-12	2.99E-07	3.26E-09	1.02E-09	1.99E-17	5.28E-10	1.40E-12	9.83E-13	1.55E-11	9.63E-12	5.77E-11	9.13E-13	2.08E-11	2.84E-09	2.63E-10	3.39E-09
963	SR_2	Sensitive Receptor	Recreational	Offsite	378.782	6370.266	1.16E-08	1.85E-08	8.02E-08	7.32E-10	5.62E-12	3.27E-07	3.33E-09	1.04E-09	2.03E-17	5.39E-10	1.43E-12	1.00E-12	1.58E-11	9.83E-12	5.89E-11	9.32E-13	2.13E-11	2.90E-09	2.69E-10	3.46E-09
964	SR_3	Sensitive Receptor	Recreational	Offsite	378.972	6369.893	1.41E-08	2.25E-08	9.48E-08	9.29E-10	6.94E-12	4.02E-07	4.11E-09	1.28E-09	2.51E-17	6.66E-10	1.76E-12	1.24E-12	1.95E-11	1.21E-11	7.27E-11	1.15E-12	2.63E-11	3.59E-09	3.32E-10	4.27E-09
965	SR_4	Sensitive Receptor	Recreational	Offsite	378.815	6369.579	1.76E-08	2.89E-08	1.22E-07	1.10E-09	8.79E-12	5.08E-07	5.20E-09	1.62E-09	3.17E-17	8.43E-10	2.24E-12	1.57E-12	2.47E-11	1.54E-11	9.20E-11	1.46E-12	3.32E-11	4.54E-09	4.20E-10	5.41E-09
966	SR_5	Sensitive Receptor	Recreational	Offsite	378.619	6369.367	1.78E-08	3.03E-08	1.27E-07	1.03E-09	9.16E-12	5.13E-07	5.41E-09	1.69E-09	3.30E-17	8.78E-10	2.33E-12	1.64E-12	2.57E-11	1.60E-11	9.58E-11	1.52E-12	3.46E-11	4.72E-09	4.37E-10	5.63E-09
967	SR_6	Sensitive Receptor	Recreational	Offsite	378.352	6369.171	1.50E-08	2.52E-08	1.03E-07	7.53E-10	7.77E-12	4.16E-07	4.59E-09	1.43E-09	2.80E-17	7.45E-10	1.98E-12	1.39E-12	2.18E-11	1.36E-11	8.13E-11	1.29E-12	2.94E-11	4.01E-09	3.71E-10	4.78E-09
968	SR_7	Sensitive Receptor	Recreational	Offsite	378.046	6369.006	1.19E-08	1.99E-08	7.89E-08	5.63E-10	6.23E-12	3.40E-07	3.68E-09	1.15E-09	2.25E-17	5.97E-10	1.58E-12	1.12E-12	1.75E-11	1.09E-11	6.52E-11	1.03E-12	2.35E-11	3.21E-09	2.97E-10	3.83E-09
969	SR_8	Sensitive Receptor	Recreational	Offsite	377.732	6368.896	1.01E-08	1.69E-08	6.79E-08	4.87E-10	5.24E-12	3.24E-07	3.10E-09	9.67E-10	1.89E-17	5.02E-10	1.33E-12	9.38E-13	1.47E-11	9.16E-12	5.48E-11	8.68E-13	1.98E-11	2.70E-09	2.50E-10	3.22E-09
970	SR_9	Sensitive Receptor	Recreational	Offsite	377.425	6368.786	7.98E-09	1.30E-08	5.27E-08	4.09E-10	4.05E-12	3.06E-07	2.40E-09	7.48E-10	1.46E-17	3.89E-10	1.03E-12	7.25E-13	1.14E-11	7.09E-12	4.24E-11	6.72E-13	1.53E-11	2.09E-09	1.94E-10	2.49E-09
971	SR_10	Sensitive Receptor	Recreational	Offsite	377.064	6368.660	5.53E-09	8.66E-09	3.44E-08	3.22E-10	2.73E-12	2.66E-07	1.61E-09	5.04E-10	9.85E-18	2.62E-10	6.94E-13	4.88E-13	7.66E-12	4.77E-12	2.86E-11	4.52E-13	1.03E-11	1.41E-09	1.30E-10	1.68E-09
972	SR_11	Sensitive Receptor	Recreational	Offsite	376.781	6368.472	4.12E-09	6.35E-09	2.52E-08	2.77E-10	1.99E-12	2.40E-07	1.18E-09	3.67E-10	7.19E-18	1.91E-10	5.06E-13	3.56E-13	5.59E-12	3.48E-12	2.08E-11	3.30E-13	7.52E-12	1.03E-09	9.51E-11	1.22E-09
973	SR_12	Sensitive Receptor	Recreational	Offsite	376.648	6368.197	3.47E-09	5.22E-09	2.06E-08	2.60E-10	1.63E-12	2.27E-07	9.65E-10	3.01E-10	5.89E-18	1.57E-10	4.15E-13	2.92E-13	4.58E-12	2.85E-12	1.71E-11	2.71E-13	6.17E-12	8.43E-10	7.80E-11	1.00E-09
974	SR_13	Sensitive Receptor	Recreational	Offsite	376.719	6367.859	3.29E-09	4.88E-09	1.90E-08	2.74E-10	1.53E-12	2.27E-07	9.03E-10	2.82E-10	5.51E-18	1.46E-10	3.88E-13	2.74E-13	4.29E-12	2.67E-12	1.60E-11	2.53E-13	5.77E-12	7.88E-10	7.29E-11	9.39E-10
975	SR_14	Sensitive Receptor	Recreational	Offsite	376.883	6367.624	3.54E-09	5.12E-09	1.97E-08	3.21E-10	1.61E-12	2.57E-07	9.51E-10	2.97E-10	5.80E-18	1.54E-10	4.09E-13	2.88E-13	4.51E-12	2.81E-12	1.68E-11	2.66E-13	6.07E-12	8.30E-10	7.68E-11	9.89E-10
976	SR_15	Sensitive Receptor	Recreational	Offsite	377.135	6367.428	4.06E-09	5.75E-09	2.19E-08	3.99E-10	1.81E-12	3.12E-07	1.07E-09	3.33E-10	6.52E-18	1.73E-10	4.60E-13	3.24E-13	5.07E-12	3.16E-12	1.89E-11	3.00E-13	6.83E-12	9.33E-10	8.63E-11	1.11E-09
977	SR_16	Sensitive Receptor	Recreational	Offsite	377.402	6367.239	4.70E-09	6.19E-09	2.35E-08	4.80E-10	1.99E-12	3.73E-07	1.18E-09	3.67E-10	7.17E-18	1.91E-10	5.06E-13	3.57E-13	5.58E-12	3.48E-12	2.08E-11	3.29E-13	7.51E-12	1.03E-09	9.49E-11	1.22E-09
978	SR_17	Sensitive Receptor	Recreational	Offsite	377.622	6367.058	5.39E-09	5.86E-09	2.19E-08	5.26E-10	2.04E-12	4.00E-07	1.20E-09	3.75E-10	7.35E-18	1.95E-10	5.19E-13	3.66E-13	5.71E-12	3.56E-12	2.13E-11	3.37E-13	7.69E-12	1.05E-09	9.72E-11	1.25E-09
979	SR_18	Sensitive Receptor	Recreational	Offsite	377.849	6366.846	7.08E-09	5.95E-09	2.27E-08	5.50E-10	2.33E-12	4.74E-07	1.38E-09	4.30E-10	8.41E-18	2.23E-10	5.95E-13	4.23E-13	6.54E-12	4.08E-12	2.44E-11	3.86E-13	8.79E-12	1.20E-09	1.11E-10	1.43E-09
980	SR_19	Sensitive Receptor	Recreational	Offsite	378.101	6366.642	8.33E-09	7.55E-09	3.05E-08	5.68E-10	2.84E-12	5.82E-07	1.67E-09	5.22E-10	1.02E-17	2.72E-10	7.26E-13	5.19E-13	7.95E-12	4.96E-12	2.96E-11	4.70E-13	1.07E-11	1.46E-09	1.35E-10	1.74E-09
981	SR_20	Sensitive Receptor	Recreational	Offsite	378.376	6366.477	7.22E-09	7.52E-09	3.07E-08	4.95E-10	2.66E-12	5.67E-07	1.57E-09	4.89E-10	9.57E-18	2.54E-10	6.80E-13	4.86E-13	7.45E-12	4.65E-12	2.77E-11	4.40E-13	1.00E-11	1.37E-09	1.27E-10	1.63E-09
982	SR_21	Sensitive Receptor	Recreational	Offsite	378.713	6366.399	5.46E-09	6.51E-09	2.62E-08	3.87E-10	2.19E-12	4.68E-07	1.29E-09	4.02E-10	7.87E-18	2.09E-10	5.58E-13	3.99E-13	6.12E-12	3.82E-12	2.28E-11	3.62E-13	8.23E-12	1.12E-09	1.04E-10	1.34E-09
983	SR_22	Sensitive Receptor	Recreational	Offsite	379.059	6366.469	5.07E-09	6.67E-09	2.62E-08	3.59E-10	2.16E-12	4.29E-07	1.27E-09	3.97E-10	7.77E-18	2.07E-10	5.51E-13	3.92E-13	6.05E-12	3.77E-12	2.25E-11	3.57E-13	8.13E-12	1.11E-09	1.03E-10	1.32E-09
984	SR_23	Sensitive Receptor	Recreational	Offsite	379.373	6366.532	4.60E-09	6.81E-09	2.64E-08	3.34E-10	2.11E-12	3.91E-07	1.25E-09	3.89E-10	7.62E-18	2.02E-10	5.38E-13	3.80E-13	5.93E-12	3.69E-12	2.21E-11	3.50E-13	7.97E-12	1.09E-09	1.01E-10	1.30E-09
985	SR_24	Sensitive Receptor	Recreational	Offsite	379.648	6366.477	4.80E-09	7.06E-09	2.78E-08	3.41E-10	2.19E-12	4.08E-07	1.29E-09	4.04E-10	7.90E-18	2.10E-10	5.55E-13	3.90E-13	6.14E-12	3.82E-12	2.29E-11	3.63E-13	8.27E-12	1.13E-09	1.05E-10	1.35E-09
986	SR_25	Sensitive Receptor	Recreational	Offsite	379.930	6366.391	6.01E-09	9.03E-09	3.66E-08	4.35E-10	2.75E-12	5.06E-07	1.63E-09	5.08E-10	9.94E-18	2.64E-10	6.97E-13	4.87E-13	7.72E-12	4.80E-12	2.88E-11	4.56E-13	1.04E-11	1.42E-09	1.31E-10	1.69E-09
987	SR_26	Sensitive Receptor	Recreational	Offsite	380.221	6366.289	7.44E-09	9.83E-09	4.02E-08	5.40E-10	3.13E-12	5.57E-07	1.86E-09	5.79E-10	1.13E-17	3.01E-10	7.93E-13	5.52E-13	8.81E-12	5.47E-12	3.28E-11	5.19E-13	1.19E-11	1.62E-09	1.50E-10	1.93E-09
988	SR_27	Sensitive Receptor	Recreational	Offsite	380.512	6366.202	9.59E-09	1.14E-08	4.70E-08	7.53E-10	3.77E-12	6.35E-07	2.23E-09	6.97E-10	1.36E-17	3.62E-10	9.54E-13	6.64E-13	1.06E-11	6.58E-12	3.95E-11	6.25E-13	1.43E-11	1.95E-09	1.80E-10	2.32E-09
989	SR_28	Sensitive Receptor	Recreational	Offsite	380.810	6366.108	1.08E-08	1.35E-08	5.60E-08	9.20E-10	4.33E-12	6.85E-07	2.57E-09	8.02E-10	1.57E-17	4.16E-10	1.10E-12	7.65E-13	1.22E-11	7.58E-12	4.55E-11	7.19E-13	1.64E-11	2.24E-09	2.07E-10	2.67E-09
990	SR_29	Sensitive Receptor	Recreational	Offsite	381.108	6365.983	1.08E-08	1.47E-08	6.19E-08	8.91E-10	4.56E-12	6.49E-07	2.70E-09	8.42E-10	1.65E-17	4.37E-10	1.15E-12	8.05E-13	1.28E-11	7.97E-12	4.78E-11	7.56E-13	1.73E-11	2.36E-09	2.18E-10	2.81E-09
991	SR_30	Sensitive Receptor	Recreational	Offsite	381.367	6365.771	9.69E-09	1.50E-08	6.38E-08	7.87E-10	4.43E-12	5.54E-07	2.63E-09	8.19E-10	1.60E-17	4.25E-10	1.12E-12	7.83E-13	1.25E-11	7.75E-12	4.65E-11	7.35E-13	1.68E-11	2.29E-09	2.12E-10	2.73E-09
992	SR_31	Sensitive Receptor	Recreational	Offsite	381.470	6365.394	7.14E-09	1.15E-08	4.93E-08	5.41E-10	3.36E-12	3.81E-07	1.99E-09	6.21E-10	1.21E-17	3.22E-10	8.50E-13	5.92E-13	9.44E-12	5.87E-12	3.52E-11	5.57E-13	1.27E-11	1.74E-09	1.61E-10	2.07E-09
993	SR_32	Sensitive Receptor	Recreational	Offsite	381.564	6365.134	5.95E-09	9.18E-09	3.93E-08	4.25E-10	2.72E-12	2.97E-07	1.61E-09	5.03E-10	9.84E-18	2.61E-10	6.89E-13	4.79E-13	7.65E-12	4.75E-12	2.85E-11	4.51E-13	1.03E-11	1.41E-09	1.30E-10	1.68E-09
994	SR_33	Sensitive Receptor	Recreational	Offsite	381.713	6364.852	5.15E-09	7.66E-09	3.31E-08	3.53E-10	2.30E-12	2.45E-07	1.36E-09	4.25E-10	8.32E-18	2.21E-10	5.82E-13	4.05E-13	6.47E-12	4.02E-12	2.41E-11	3.81E-13	8.72E-12	1.19E-09	1.10E-10	1.42E-09
995	SR_34	Sensitive Receptor	Recreational	Offsite	382.051	6364.600	5.30E-09	8.09E-09	3.61E-08	3.62E-10	2.39E-12	2.40E-07	1.42E-09	4.43E-10	8.66E-18	2.30E-10	6.06E-13	4.22E-13	6.73E-12	4.18E-12	2.51E-11	3.97E-13	9.07E-12	1.24E-09	1.15E-10	1.47E-09
996	SR_35	Sensitive Receptor	Recreational	Offsite	377.700	6366.509	7.31E-09	4.95E-09	1.96E-08	4.72E-10	2.16E-12	4.41E-07	1.27E-09	3.97E-10	7.77E-18	2.07E-10	5.52E-13	3.95E-13	6.05E-12	3.78E-12	2.25E-11	3.57E-13	8.13E-12	1.11E-09	1.03E-10	1.32E-09
997	SR_36	Sensitive Receptor	Recreational	Offsite	377.606	6366.124	4.37E-09	6.46E-09	2.70E-08	3.93E-10	1.94E-12	3.48E-07	1.14E-09	3.57E-10	6.98E-18	1.86E-10	4.97E-13	3.56E-13	5.44E-12	3.40E-12	2.03E-11	3.21E-13	7.30E-12	9.99E-10	9.24E-11	1.19E-09
998	SR_37	Sensitive Receptor	Recreational	Offsite	377.465	6365.771	3.26E-09	5.35E-09	2.27E-08	2.93E-10	1.56E-12	2.58E-07	9.16E-10	2.86E-10	5.59E-18	1.49E-10	3.98E-13	2.85E-13	4.35E-12	2.72E-12	1.62E-11	2.57E-13	5.85E-12	7.99E-10	7.39E-11	9.53E-10
999	SR_38	Sensitive Receptor	Recreational	Offsite	377.527	6365.409	2.29E-09	3.93E-09	1.70E-08	1.97E-10	1.13E-12	1.80E-07	6.67E-10	2.08E-10	4.07E-18	1.08E-10	2.90E-13	2.07E-13	3.17E-12	1.98E-12	1.18E-11	1.87E-13	4.25E-12	5.82E-10	5.38E-11	6.93E-10
1000	SR_39	Sensitive Receptor	Recreational	Offsite	377.739	6365.150	1.98E-09	3.06E-09	1.32E-08	1.60E-10	9.19E-13	1.52E-07	5.42E-10	1.69E-10	3.31E-18	8.79E-11	2.35E-13	1.68E-13	2.57E-12	1.61E-12	9.58E-12	1.52E-13	3.46E-12	4.73E-10	4.37E-11	5.63E-10
1001	SR_40	Sensitive Receptor	Recreational	Offsite	377.959	6364.883	1.53E-09	2.41E-09	1.03E-08	1.20E-10	7.22E-13	1.06E-07	4.25E-10	1.33E-10	2.60E-18	6.90E-11	1.85E-13	1.32E-13	2.02E-12	1.26E-12	7.53E-12	1.19E-13	2.72E-12	3.71E-10	3.43E-11	4.42E-10
1002	SR_41	Sensitive Receptor	Recreational	Offsite	378.234	6364.553	1.23E-09	2.13E-09	9.20E-09	9.60E-11	6.18E-13	8.11E-08	3.64E-10	1.14E-10	2.22E-18	5.91E-11	1.58E-13	1.13E-13	1.73E-12	1.08E-12	6.44E-12	1.02E-13	2.32E-12	3.18E-10	2.94E-11	3.79E-10
1003	SR_42	Sensitive Receptor	Recreational	Offsite	377.951	6365.331	2.05E-09	3.15E-09	1.35E-08	1.61E-10	9.51E-13	1.55E-07	5.60E-10	1.75E-10	3.42E-18	9.09E-11	2.43E-13	1.74E-13	2.66E-12	1.66E-12	9.92E-12	1.57E-13	3.58E-12	4.89E-10	4.52E-11	5.83E-10
1004	SR_43	Sensitive Receptor	Recreational	Offsite	377.959	6366.344	6.77E-09	5.72E-09	2.38E-08	4.22E-10	2.22E-12	4.52E-07	1.31E-09	4.08E-10	7.97E-18	2.12E-10	5.67E-13	4.06E-13	6.21E-12	3.88E-12	2.31E-11	3.67E-13	8.34E-12	1.14E-09	1.05E-10	1.36E-09
1005	SR_44	Sensitive Receptor	Recreational	Offsite	377.975	6365.841	2.93E-09	5.10E-09	2.19E-08	2.51E-10	1.46E-12	2.53E-07	8.60E-10	2.68E-10	5.25E-18	1.40E-10	3.73E-13	2.67E-13	4.09E-12	2.55E-12	1.52E-11	2.41E-13	5.49E-12	7.51E-10	6.94E-11	8.94E-10
1006	SR_45	Sensitive Receptor	Recreational	Offsite	379.271	6366.934	1.07E-08	2.05E-08	7.87E-08	1.13E-09	5.77E-12	1.14E-06	3.41E-09	1.06E-09	2.08E-17	5.52E-10	1.47E-12	1.05E-12	1.62E-11	1.01E-11	6.03E-11	9.56E-13	2.18E-11	2.97E-09	2.75E-10	3.54E-09
1007	SR_46	Sensitive Receptor	Recreational	Offsite	379.247	6366.890	9.66E-09	1.84E-08	7.12E-08	9.75E-10	5.20E-12	1.01E-06	3.07E-09	9.56E-10	1.87E-17	4.97E-10	1.33E-12	9.42E-13	1.46E-11	9.08E-12	5.43E-11	8.60E-13	1.96E-11	2.68E-09	2.48E-10	3.19E-09
1008	SR_47	Sensitive Receptor	Recreational	Offsite	379.315	6366.905	9.65E-09	1.84E-08	7.06E-08	9.78E-10	5.20E-12	1.01E-06	3.07E-09	9.57E-10	1.87E-17	4.97E-10	1.32E-12	9.40E-13	1.46E-11	9.08E-12	5.43E-11	8.60E-13	1.96E-11	2.68E-09	2.48E-10	3.19E-09
1009	SR_48	Sensitive Receptor	Recreational	Offsite	379.288	6366.857	8.76E-09	1.66E-08	6.41E-08	8.48E-10	4.69E-12	9.00E-07	2.77E-09	8.64E-10	1.69E-17	4.49E-10	1.20E-12	8.50E-13	1.32E-11	8.20E-12	4.90E-11	7.77E-13	1.77E-11	2.42E-09	2.24E-10	2.88E-09
1010	SR_49	Sensitive Receptor	Recreational	Offsite	379.357	6366.872	8.72E-09	1.65E-08	6.34E-08	8.48E-10	4.68E-12	8.92E-07	2.76E-09	8.62E-10	1.69E-17	4.48E-10	1.19E-12	8.45E-13	1.31E-11	8.18E-12	4.89E-11	7.75E-13	1.76E-11	2.41E-09	2.23E-10	2.87E-09
1011	SR_50	Sensitive Receptor	Recreational	Offsite	379.321	6366.819	7.85E-09	1.47E-08	5.69E-08	7.30E-10	4.18E-12	7.88E-07	2.47E-09	7.70E-10	1.51E-17	4.00E-10	1.07E-12	7.56E-13	1.17E-11	7.31E-12	4.37E-11	6.92E-13	1.58E-11	2.15E-09	1.99E-10	2.57E-09
1012	SR_51	Sensitive Receptor	Commercial	Offsite	380.025	6370.050	9.72E-09	1.80E-08	7.46E-08	6.83E-10	5.27E-12	2.28E-07	3.12E-09	9.72E-10	1.90E-17	5.05E-10	1.34E-12	9.38E-13	1.48E-11	9.21E-12	5.51E-11	8.73E-13	1.99E-11	2.72E-09	2.52E-10	3.24E-09
1013	SR_52	Sensitive Receptor	Commercial	Offsite	379.877	6369.978	1.08E-08	1.98E-08	8.19E-08	7.62E-10	5.82E-12	2.52E-07	3.44E-09	1.07E-09	2.10E-17	5.58E-10	1.48E-12	1.04E-12	1.64E-11	1.02E-11	6.10E-11	9.65E-13	2.20E-11	3.01E-09	2.78E-10	3.58E-09
1014	SR_53	Sensitive Receptor	Commercial	Offsite	380.968	6368.921	1.56E-08	3.03E-08	1.31E-07	1.04E-09	8.47E-12	4.66E-07	5.01E-09	1.56E-09	3.06E-17	8.12E-10	2.15E-12	1.51E-12	2.38E-11	1.48E-11	8.87E-11	1.40E-12	3.20E-11	4.37E-09	4.05E-10	5.21E-09
1015	SR_54	Sensitive Receptor	Commercial	Offsite	381.099	6368.904	1.39E-08	2.71E-08	1.17E-07	9.36E-10	7.57E-12	4.23E-07	4.48E-09	1.40E-09	2.73E-17	7.26E-10	1.92E-12	1.35E-12	2.13E-11	1.32E-11	7.93E-11	1.25E-12	2.86E-11	3.91E-09	3.62E-10	4.66E-09
1016	SR_55	Sensitive Receptor	Commercial	Offsite	381.221	6368.883	1.29E-08	2.51E-08	1.09E-07	8.61E-10	7.02E-12	3.92E-07	4.15E-09	1.30E-09	2.53E-17	6.73E-10	1.78E-12	1.25E-12	1.97E-11	1.23E-11	7.35E-11	1.16E-12	2.65E-11	3.62E-09	3.35E-10	4.32E-09
1017	SR_56	Sensitive Receptor	Commercial	Offsite	380.947	6368.811	1.66E-08	3.21E-08	1.39E-07	1.07E-09	8.98E-12	4.97E-07	5.31E-09	1.66E-09	3.24E-17	8.61E-10	2.28E-12	1.60E-12	2.52E-11	1.57E-11	9.41E-11	1.49E-12	3.40E-11	4.64E-09	4.29E-10	5.53E-09
1018	SR_57	Sensitive Receptor	Commercial	Offsite	381.082	6368.798	1.48E-08	2.86E-08	1.24E-07	9.66E-10	8.01E-12	4.50E-07	4.74E-09	1.48E-09	2.89E-17	7.68E-10	2.03E-12	1.43E-12	2.25E-11	1.40E-11	8.38E-11	1.33E-12	3.03E-11	4.13E-09	3.83E-10	4.93E-09
1019	SR_58	Sensitive Receptor	Commercial	Offsite	381.293	6368.773	1.32E-08	2.58E-08	1.13E-07	8.47E-10	7.17E-12	3.97E-07	4.24E-09	1.32E-09	2.59E-17	6.88E-10	1.82E-12	1.28E-12	2.01E-11	1.25E-11	7.51E-11	1.19E-12	2.71E-11	3.70E-09	3.43E-10	4.41E-09
1020	SR_59	Sensitive Receptor	Commercial	Offsite	381.200	6368.219	1.95E-08	3.85E-08	1.72E-07	1.18E-09	1.06E-11	5.70E-07	6.27E-09	1.96E-09	3.83E-17	1.02E-09	2.69E-12	1.88E-12	2.98E-11	1.85E-11	1.11E-10	1.76E-12	4.01E-11	5.47E-09	5.07E-10	6.52E-09
1021	SR_60	Sensitive Receptor	Commercial	Offsite	382.315	6367.708	1.31E-08	2.63E-08	1.20E-07	9.31E-10	7.13E-12	3.86E-07	4.22E-09	1.32E-09	2.58E-17	6.84E-10	1.81E-12	1.27E-12	2.00E-11	1.25E-11	7.47E-11	1.18E-12	2.70E-11	3.68E-09	3.41E-10	4.39E-09
1022	SR_61	Sensitive Receptor	Commercial	Offsite	382.259	6367.717	1.35E-08	2.71E-08	1.24E-07	9.55E-10	7.34E-12	3.95E-07	4.34E-09	1.36E-09	2.65E-17	7.04E-10	1.86E-12	1.31E-12	2.06E-11	1.28E-11	7.69E-11	1.22E-12	2.78E-11	3.79E-09	3.51E-10	4.52E-09
1023	SR_62	Sensitive Receptor	Commercial	Offsite	382.229	6367.724	1.38E-08	2.76E-08	1.26E-07	9.69E-10	7.47E-12	4.02E-07	4.42E-09	1.38E-09	2.70E-17	7.17E-10	1.90E-12	1.33E-12	2.10E-11	1.31E-11	7.83E-11	1.24E-12	2.83E-11	3.86E-09	3.57E-10	4.60E-09
1024	SR_63	Sensitive Receptor	Commercial	Offsite	382.198	6367.730	1.40E-08	2.80E-08	1.28E-07	9.81E-10	7.59E-12	4.07E-07	4.49E-09	1.40E-09	2.74E-17	7.28E-10	1.93E-12	1.35E-12	2.13E-11	1.33E-11	7.95E-11	1.26E-12	2.87E-11	3.92E-09	3.63E-10	4.67E-09
1025	SR_64	Sensitive Receptor	Commercial	Offsite	382.142	6367.732	1.44E-08	2.87E-08	1.31E-07	1.01E-09	7.79E-12	4.18E-07	4.61E-09	1.44E-09	2.82E-17	7.48E-10	1.98E-12	1.39E-12	2.19E-11	1.36E-11	8.16E-11	1.29E-12	2.95E-11	4.03E-09	3.73E-10	4.80E-09
1026	SR_65	Sensitive Receptor	Commercial	Offsite	382.096	6367.715	1.48E-08	2.96E-08	1.35E-07	1.04E-09	8.03E-12	4.34E-07	4.75E-09	1.48E-09	2.90E-17	7.70E-10	2.04E-12	1.43E-12	2.26E-11	1.40E-11	8.41E-11	1.33E-12	3.04E-11	4.15E-09	3.84E-10	4.94E-09
1027	SR_66	Sensitive Receptor	Commercial	Offsite	382.059	6367.688	1.53E-08	3.06E-08	1.40E-07	1.09E-09	8.31E-12	4.55E-07	4.92E-09	1.54E-09	3.00E-17	7.97E-10	2.11E-12	1.48E-12	2.34E-11	1.45E-11	8.71E-11	1.38E-12	3.14E-11	4.29E-09	3.97E-10	5.12E-09
1028	SR_67	Sensitive Receptor	Commercial	Offsite	381.984	6367.635	1.64E-08	3.29E-08	1.50E-07	1.20E-09	8.92E-12	5.05E-07	5.28E-09	1.65E-09	3.22E-17	8.56E-10	2.27E-12	1.59E-12	2.51E-11	1.56E-11	9.35E-11	1.48E-12	3.38E-11	4.61E-09	4.26E-10	5.49E-09

AQIA DATA - SCENARIO 1 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1029	SR_68	Sensitive Receptor	Commercial	Offsite	381.937	6367.607	1.70E-08	3.41E-08	1.55E-07	1.26E-09	9.25E-12	5.34E-07	5.47E-09	1.71E-09	3.34E-17	8.87E-10	2.35E-12	1.65E-12	2.60E-11	1.62E-11	9.69E-11	1.53E-12	3.50E-11	4.78E-09	4.42E-10	5.69E-09
1030	SR_69	Sensitive Receptor	Commercial	Offsite	381.900	6367.578	1.74E-08	3.49E-08	1.58E-07	1.32E-09	9.46E-12	5.56E-07	5.60E-09	1.75E-09	3.42E-17	9.07E-10	2.40E-12	1.68E-12	2.66E-11	1.65E-11	9.91E-11	1.57E-12	3.58E-11	4.88E-09	4.52E-10	5.82E-09
1031	SR_70	Sensitive Receptor	Commercial	Offsite	382.308	6367.664	1.34E-08	2.68E-08	1.22E-07	9.60E-10	7.26E-12	4.00E-07	4.30E-09	1.34E-09	2.62E-17	6.96E-10	1.84E-12	1.29E-12	2.04E-11	1.27E-11	7.60E-11	1.20E-12	2.75E-11	3.75E-09	3.47E-10	4.47E-09
1032	SR_71	Sensitive Receptor	Commercial	Offsite	382.279	6367.620	1.36E-08	2.73E-08	1.24E-07	9.94E-10	7.40E-12	4.14E-07	4.38E-09	1.37E-09	2.67E-17	7.09E-10	1.88E-12	1.32E-12	2.08E-11	1.29E-11	7.75E-11	1.23E-12	2.80E-11	3.82E-09	3.54E-10	4.55E-09
1033	SR_72	Sensitive Receptor	Commercial	Offsite	382.244	6367.607	1.40E-08	2.80E-08	1.27E-07	1.02E-09	7.57E-12	4.26E-07	4.48E-09	1.40E-09	2.74E-17	7.26E-10	1.92E-12	1.35E-12	2.13E-11	1.32E-11	7.93E-11	1.26E-12	2.86E-11	3.91E-09	3.62E-10	4.66E-09
1034	SR_73	Sensitive Receptor	Commercial	Offsite	382.213	6367.622	1.42E-08	2.85E-08	1.30E-07	1.03E-09	7.72E-12	4.31E-07	4.57E-09	1.42E-09	2.79E-17	7.40E-10	1.96E-12	1.37E-12	2.17E-11	1.35E-11	8.08E-11	1.28E-12	2.92E-11	3.98E-09	3.69E-10	4.75E-09
1035	SR_74	Sensitive Receptor	Commercial	Offsite	382.187	6367.624	1.45E-08	2.90E-08	1.32E-07	1.05E-09	7.84E-12	4.38E-07	4.64E-09	1.45E-09	2.83E-17	7.52E-10	1.99E-12	1.40E-12	2.20E-11	1.37E-11	8.21E-11	1.30E-12	2.97E-11	4.05E-09	3.75E-10	4.83E-09
1036	SR_75	Sensitive Receptor	Commercial	Offsite	382.123	6367.629	1.50E-08	3.01E-08	1.37E-07	1.09E-09	8.16E-12	4.56E-07	4.83E-09	1.51E-09	2.95E-17	7.82E-10	2.07E-12	1.45E-12	2.29E-11	1.43E-11	8.54E-11	1.35E-12	3.09E-11	4.21E-09	3.90E-10	5.02E-09
1037	SR_76	Sensitive Receptor	Commercial	Offsite	382.050	6367.569	1.58E-08	3.17E-08	1.44E-07	1.18E-09	8.59E-12	4.96E-07	5.08E-09	1.59E-09	3.10E-17	8.24E-10	2.18E-12	1.53E-12	2.41E-11	1.50E-11	8.99E-11	1.42E-12	3.25E-11	4.43E-09	4.10E-10	5.28E-09
1038	SR_77	Sensitive Receptor	Commercial	Offsite	382.028	6367.547	1.61E-08	3.23E-08	1.47E-07	1.22E-09	8.76E-12	5.14E-07	5.18E-09	1.62E-09	3.16E-17	8.40E-10	2.22E-12	1.56E-12	2.46E-11	1.53E-11	9.18E-11	1.45E-12	3.31E-11	4.52E-09	4.19E-10	5.39E-09
1039	SR_78	Sensitive Receptor	Commercial	Offsite	381.920	6367.470	1.74E-08	3.49E-08	1.57E-07	1.40E-09	9.46E-12	5.96E-07	5.60E-09	1.75E-09	3.42E-17	9.07E-10	2.40E-12	1.68E-12	2.66E-11	1.65E-11	9.91E-11	1.57E-12	3.58E-11	4.88E-09	4.52E-10	5.82E-09
1040	SR_79	Sensitive Receptor	Commercial	Offsite	381.968	6367.507	1.69E-08	3.38E-08	1.53E-07	1.31E-09	9.14E-12	5.56E-07	5.41E-09	1.69E-09	3.30E-17	8.77E-10	2.32E-12	1.63E-12	2.57E-11	1.60E-11	9.58E-11	1.52E-12	3.46E-11	4.72E-09	4.37E-10	5.63E-09
1041	SR_80	Sensitive Receptor	Commercial	Offsite	381.984	6367.474	1.68E-08	3.37E-08	1.52E-07	1.33E-09	9.12E-12	5.66E-07	5.40E-09	1.68E-09	3.29E-17	8.75E-10	2.32E-12	1.62E-12	2.56E-11	1.59E-11	9.55E-11	1.51E-12	3.45E-11	4.71E-09	4.36E-10	5.61E-09
1042	SR_81	Sensitive Receptor	Commercial	Offsite	381.992	6367.443	1.68E-08	3.37E-08	1.52E-07	1.35E-09	9.13E-12	5.78E-07	5.40E-09	1.69E-09	3.30E-17	8.76E-10	2.32E-12	1.63E-12	2.56E-11	1.60E-11	9.56E-11	1.51E-12	3.45E-11	4.71E-09	4.36E-10	5.62E-09
1043	SR_82	Sensitive Receptor	Commercial	Offsite	382.087	6367.492	1.57E-08	3.15E-08	1.42E-07	1.22E-09	8.52E-12	5.14E-07	5.04E-09	1.57E-09	3.08E-17	8.18E-10	2.16E-12	1.52E-12	2.39E-11	1.49E-11	8.93E-11	1.41E-12	3.22E-11	4.40E-09	4.07E-10	5.25E-09
1044	SR_83	Sensitive Receptor	Commercial	Offsite	382.279	6367.503	1.37E-08	2.75E-08	1.24E-07	1.05E-09	7.43E-12	4.43E-07	4.40E-09	1.37E-09	2.68E-17	7.13E-10	1.89E-12	1.32E-12	2.09E-11	1.30E-11	7.78E-11	1.23E-12	2.81E-11	3.84E-09	3.55E-10	4.57E-09
1045	SR_84	Sensitive Receptor	Commercial	Offsite	382.134	6367.415	1.55E-08	3.11E-08	1.40E-07	1.24E-09	8.40E-12	5.33E-07	4.97E-09	1.55E-09	3.03E-17	8.05E-10	2.13E-12	1.50E-12	2.36E-11	1.47E-11	8.80E-11	1.39E-12	3.18E-11	4.34E-09	4.01E-10	5.17E-09
1046	SR_85	Sensitive Receptor	Commercial	Offsite	382.025	6367.371	1.65E-08	3.32E-08	1.49E-07	1.39E-09	8.98E-12	5.98E-07	5.31E-09	1.66E-09	3.24E-17	8.61E-10	2.28E-12	1.60E-12	2.52E-11	1.57E-11	9.41E-11	1.49E-12	3.40E-11	4.64E-09	4.29E-10	5.53E-09
1047	SR_86	Sensitive Receptor	Commercial	Offsite	381.984	6367.353	1.69E-08	3.40E-08	1.52E-07	1.45E-09	9.19E-12	6.27E-07	5.44E-09	1.70E-09	3.32E-17	8.82E-10	2.33E-12	1.64E-12	2.58E-11	1.61E-11	9.63E-11	1.52E-12	3.48E-11	4.75E-09	4.39E-10	5.66E-09
1048	SR_87	Sensitive Receptor	Commercial	Offsite	382.204	6367.322	1.48E-08	2.98E-08	1.33E-07	1.25E-09	8.03E-12	5.48E-07	4.75E-09	1.48E-09	2.90E-17	7.70E-10	2.04E-12	1.43E-12	2.26E-11	1.40E-11	8.41E-11	1.33E-12	3.04E-11	4.15E-09	3.84E-10	4.94E-09
1049	SR_88	Sensitive Receptor	Commercial	Offsite	382.259	6367.353	1.42E-08	2.85E-08	1.28E-07	1.17E-09	7.69E-12	5.12E-07	4.55E-09	1.42E-09	2.78E-17	7.37E-10	1.95E-12	1.37E-12	2.16E-11	1.34E-11	8.05E-11	1.27E-12	2.91E-11	3.97E-09	3.67E-10	4.73E-09
1050	SR_89	Sensitive Receptor	Commercial	Offsite	381.582	6367.234	2.14E-08	4.31E-08	1.88E-07	2.52E-09	1.16E-11	1.03E-06	6.88E-09	2.15E-09	4.20E-17	1.11E-09	2.95E-12	2.06E-12	3.27E-11	2.03E-11	1.22E-10	1.93E-12	4.40E-11	6.00E-09	5.56E-10	7.15E-09
1051	SR_90	Sensitive Receptor	Commercial	Offsite	381.478	6367.196	2.24E-08	4.51E-08	1.94E-07	3.05E-09	1.21E-11	1.16E-06	7.19E-09	2.24E-09	4.39E-17	1.17E-09	3.08E-12	2.15E-12	3.41E-11	2.12E-11	1.27E-10	2.01E-12	4.60E-11	6.28E-09	5.81E-10	7.48E-09
1052	SR_91	Sensitive Receptor	Commercial	Offsite	381.361	6367.097	2.26E-08	4.56E-08	1.90E-07	3.99E-09	1.22E-11	1.42E-06	7.25E-09	2.26E-09	4.43E-17	1.17E-09	3.10E-12	2.17E-12	3.44E-11	2.14E-11	1.28E-10	2.03E-12	4.64E-11	6.33E-09	5.86E-10	7.54E-09
1053	SR_92	Sensitive Receptor	Commercial	Offsite	381.275	6366.951	2.06E-08	4.17E-08	1.66E-07	4.70E-09	1.12E-11	1.60E-06	6.63E-09	2.07E-09	4.05E-17	1.07E-09	2.84E-12	1.98E-12	3.15E-11	1.96E-11	1.17E-10	1.86E-12	4.24E-11	5.78E-09	5.35E-10	6.89E-09
1054	SR_93	Sensitive Receptor	Commercial	Offsite	381.116	6366.837	2.00E-08	4.04E-08	1.55E-07	5.61E-09	1.08E-11	1.79E-06	6.40E-09	2.00E-09	3.91E-17	1.04E-09	2.74E-12	1.91E-12	3.04E-11	1.89E-11	1.13E-10	1.79E-12	4.10E-11	5.59E-09	5.17E-10	6.66E-09
1055	SR_94	Sensitive Receptor	Commercial	Offsite	381.094	6366.907	2.12E-08	4.29E-08	1.64E-07	6.17E-09	1.15E-11	1.89E-06	6.79E-09	2.12E-09	4.15E-17	1.10E-09	2.91E-12	2.02E-12	3.23E-11	2.01E-11	1.20E-10	1.90E-12	4.35E-11	5.93E-09	5.49E-10	7.07E-09
1056	SR_95	Sensitive Receptor	Commercial	Offsite	381.006	6366.786	2.02E-08	4.08E-08	1.54E-07	6.05E-09	1.09E-11	1.88E-06	6.46E-09	2.02E-09	3.94E-17	1.05E-09	2.76E-12	1.92E-12	3.07E-11	1.91E-11	1.14E-10	1.81E-12	4.13E-11	5.64E-09	5.22E-10	6.72E-09
1057	SR_96	Sensitive Receptor	Commercial	Offsite	380.977	6366.863	2.16E-08	4.39E-08	1.64E-07	6.97E-09	1.17E-11	2.06E-06	6.93E-09	2.16E-09	4.23E-17	1.12E-09	2.97E-12	2.06E-12	3.29E-11	2.05E-11	1.23E-10	1.94E-12	4.43E-11	6.05E-09	5.60E-10	7.21E-09
1058	SR_97	Sensitive Receptor	Commercial	Offsite	380.891	6366.784	2.14E-08	4.34E-08	1.63E-07	6.75E-09	1.16E-11	2.06E-06	6.86E-09	2.14E-09	4.19E-17	1.11E-09	2.93E-12	2.04E-12	3.25E-11	2.02E-11	1.21E-10	1.92E-12	4.38E-11	5.98E-09	5.54E-10	7.13E-09
1059	SR_98	Sensitive Receptor	Commercial	Offsite	380.805	6366.748	2.19E-08	4.43E-08	1.68E-07	6.60E-09	1.18E-11	2.10E-06	7.00E-09	2.18E-09	4.27E-17	1.13E-09	2.99E-12	2.08E-12	3.32E-11	2.06E-11	1.24E-10	1.96E-12	4.47E-11	6.11E-09	5.65E-10	7.28E-09
1060	SR_99	Sensitive Receptor	Commercial	Offsite	380.847	6366.881	2.36E-08	4.80E-08	1.78E-07	8.22E-09	1.28E-11	2.37E-06	7.57E-09	2.36E-09	4.62E-17	1.23E-09	3.24E-12	2.25E-12	3.59E-11	2.23E-11	1.34E-10	2.12E-12	4.84E-11	6.61E-09	6.12E-10	7.87E-09
1061	SR_100	Sensitive Receptor	Commercial	Offsite	380.737	6366.834	2.50E-08	5.08E-08	1.91E-07	8.24E-09	1.35E-11	2.52E-06	8.00E-09	2.50E-09	4.88E-17	1.30E-09	3.42E-12	2.38E-12	3.80E-11	2.36E-11	1.42E-10	2.24E-12	5.12E-11	6.98E-09	6.46E-10	8.32E-09
1062	SR_101	Sensitive Receptor	Commercial	Offsite	380.618	6366.790	2.58E-08	5.24E-08	2.02E-07	7.38E-09	1.39E-11	2.55E-06	8.25E-09	2.58E-09	5.04E-17	1.34E-09	3.53E-12	2.46E-12	3.92E-11	2.43E-11	1.46E-10	2.31E-12	5.28E-11	7.20E-09	6.67E-10	8.58E-09
1063	SR_102	Sensitive Receptor	Commercial	Offsite	380.624	6366.748	2.42E-08	4.89E-08	1.90E-07	6.50E-09	1.30E-11	2.34E-06	7.71E-09	2.41E-09	4.71E-17	1.25E-09	3.30E-12	2.30E-12	3.66E-11	2.28E-11	1.37E-10	2.16E-12	4.93E-11	6.73E-09	6.23E-10	8.02E-09
1064	SR_103	Sensitive Receptor	Commercial	Offsite	380.642	6366.704	2.24E-08	4.52E-08	1.76E-07	5.70E-09	1.21E-11	2.12E-06	7.15E-09	2.23E-09	4.36E-17	1.16E-09	3.06E-12	2.13E-12	3.39E-11	2.11E-11	1.27E-10	2.00E-12	4.57E-11	6.24E-09	5.77E-10	7.43E-09
1065	SR_104	Sensitive Receptor	Commercial	Offsite	380.635	6366.669	2.13E-08	4.27E-08	1.68E-07	5.05E-09	1.14E-11	1.98E-06	6.77E-09	2.11E-09	4.13E-17	1.10E-09	2.90E-12	2.02E-12	3.21E-11	2.00E-11	1.20E-10	1.90E-12	4.33E-11	5.91E-09	5.47E-10	7.04E-09
1066	SR_105	Sensitive Receptor	Commercial	Offsite	380.576	6366.501	1.61E-08	2.99E-08	1.22E-07	2.54E-09	8.22E-12	1.36E-06	4.87E-09	1.52E-09	2.97E-17	7.89E-10	2.08E-12	1.45E-12	2.31E-11	1.44E-11	8.62E-11	1.36E-12	3.11E-11	4.25E-09	3.93E-10	5.06E-09
1067	SR_106	Sensitive Receptor	Commercial	Offsite	380.668	6366.523	1.69E-08	3.25E-08	1.29E-07	3.16E-09	8.82E-12	1.45E-06	5.23E-09	1.63E-09	3.19E-17	8.47E-10	2.24E-12	1.56E-12	2.48E-11	1.54E-11	9.25E-11	1.46E-12	3.34E-11	4.56E-09	4.22E-10	5.44E-09
1068	SR_107	Sensitive Receptor	Commercial	Offsite	380.642	6366.428	1.45E-08	2.57E-08	1.04E-07	2.15E-09	7.18E-12	1.17E-06	4.26E-09	1.33E-09	2.60E-17	6.90E-10	1.82E-12	1.27E-12	2.02E-11	1.26E-11	7.54E-11	1.19E-12	2.72E-11	3.72E-09	3.44E-10	4.43E-09
1069	SR_108	Sensitive Receptor	Commercial	Offsite	380.560	6366.439	1.43E-08	2.50E-08	1.02E-07	1.95E-09	7.01E-12	1.16E-06	4.15E-09	1.30E-09	2.54E-17	6.73E-10	1.78E-12	1.24E-12	1.97E-11	1.23E-11	7.36E-11	1.16E-12	2.66E-11	3.63E-09	3.36E-10	4.32E-09
1070	SR_109	Sensitive Receptor	Commercial	Offsite	380.796	6367.033	2.69E-08	5.48E-08	2.02E-07	1.00E-08	1.46E-11	2.82E-06	8.63E-09	2.69E-09	5.27E-17	1.40E-09	3.69E-12	2.57E-12	4.10E-11	2.55E-11	1.53E-10	2.42E-12	5.52E-11	7.53E-09	6.97E-10	8.98E-09
1071	SR_110	Sensitive Receptor	Commercial	Offsite	380.770	6367.163	2.80E-08	5.70E-08	2.10E-07	1.02E-08	1.52E-11	2.94E-06	8.99E-09	2.81E-09	5.49E-17	1.46E-09	3.84E-12	2.68E-12	4.27E-11	2.65E-11	1.59E-10	2.52E-12	5.75E-11	7.85E-09	7.26E-10	9.35E-09
1072	SR_111	Sensitive Receptor	Commercial	Offsite	380.920	6367.090	2.52E-08	5.11E-08	1.92E-07	8.33E-09	1.36E-11	2.40E-06	8.09E-09	2.52E-09	4.94E-17	1.31E-09	3.46E-12	2.41E-12	3.84E-11	2.39E-11	1.43E-10	2.26E-12	5.17E-11	7.06E-09	6.53E-10	8.41E-09
1073	SR_112	Sensitive Receptor	Commercial	Offsite	380.885	6367.194	2.62E-08	5.31E-08	2.02E-07	8.14E-09	1.42E-11	2.41E-06	8.41E-09	2.62E-09	5.13E-17	1.36E-09	3.60E-12	2.51E-12	3.99E-11	2.48E-11	1.49E-10	2.35E-12	5.38E-11	7.34E-09	6.79E-10	8.75E-09
1074	SR_113	Sensitive Receptor	Commercial	Offsite	381.015	6367.123	2.49E-08	5.04E-08	1.96E-07	7.03E-09	1.35E-11	2.09E-06	8.00E-09	2.50E-09	4.88E-17	1.30E-09	3.42E-12	2.39E-12	3.80E-11	2.36E-11	1.42E-10	2.24E-12	5.12E-11	6.98E-09	6.46E-10	8.32E-09
1075	SR_114	Sensitive Receptor	Commercial	Offsite	380.973	6367.265	2.64E-08	5.32E-08	2.13E-07	6.37E-09	1.43E-11	1.99E-06	8.46E-09	2.64E-09	5.17E-17	1.37E-09	3.62E-12	2.53E-12	4.02E-11	2.50E-11	1.50E-10	2.37E-12	5.41E-11	7.39E-09	6.84E-10	8.80E-09
1076	SR_115	Sensitive Receptor	Commercial	Offsite	381.116	6367.196	2.57E-08	5.19E-08	2.12E-07	5.55E-09	1.39E-11	1.75E-06	8.24E-09	2.57E-09	5.03E-17	1.34E-09	3.53E-12	2.46E-12	3.91E-11	2.43E-11	1.46E-10	2.31E-12	5.27E-11	7.20E-09	6.66E-10	8.58E-09
1077	SR_116	Sensitive Receptor	Commercial	Offsite	381.209	6367.223	2.58E-08	5.22E-08	2.19E-07	4.63E-09	1.40E-11	1.53E-06	8.30E-09	2.59E-09	5.07E-17	1.35E-09	3.56E-12	2.48E-12	3.94E-11	2.45E-11	1.47E-10	2.32E-12	5.31E-11	7.24E-09	6.70E-10	8.63E-09
1078	SR_117	Sensitive Receptor	Commercial	Offsite	381.167	6367.318	2.69E-08	5.43E-08	2.32E-07	4.29E-09	1.46E-11	1.45E-06	8.65E-09	2.70E-09	5.28E-17	1.40E-09	3.71E-12	2.59E-12	4.11E-11	2.55E-11	1.53E-10	2.42E-12	5.53E-11	7.55E-09	6.99E-10	8.99E-09
1079	SR_118	Sensitive Receptor	Commercial	Offsite	380.620	6366.876	2.86E-08	5.84E-08	2.21E-07	9.35E-09	1.55E-11	2.96E-06	9.17E-09	2.86E-09	5.60E-17	1.49E-09	3.92E-12	2.73E-12	4.35E-11	2.71E-11	1.62E-10	2.57E-12	5.87E-11	8.01E-09	7.41E-10	9.54E-09
1083	SR_122	Sensitive Receptor	Commercial	Offsite	379.254	6368.023	5.56E-08	1.02E-07	3.74E-07	6.55E-09	3.02E-11	3.85E-06	1.79E-08	5.57E-09	1.09E-16	2.90E-09	7.70E-12	5.44E-12	8.48E-11	5.28E-11	3.16E-10	5.01E-12	1.14E-10	1.56E-08	1.44E-09	1.86E-08
1084	SR_123	Sensitive Receptor	Commercial	Offsite	379.225	6367.914	4.32E-08	8.02E-08	2.80E-07	6.61E-09	2.35E-11	4.16E-06	1.39E-08	4.33E-09	8.48E-17	2.25E-09	5.98E-12	4.23E-12	6.59E-11	4.11E-11	2.46E-10	3.89E-12	8.87E-11	1.21E-08	1.12E-09	1.44E-08
1085	SR_124	Sensitive Receptor	Commercial	Offsite	379.225	6367.808	4.50E-08	8.52E-08	2.94E-07	8.55E-09	2.44E-11	5.29E-06	1.44E-08	4.51E-09	8.82E-17	2.34E-09	6.22E-12	4.40E-12	6.86E-11	4.27E-11	2.56E-10	4.05E-12	9.23E-11	1.26E-08	1.17E-09	1.50E-08
1086	SR_125	Sensitive Receptor	Commercial	Offsite	379.141	6367.824	3.53E-08	6.67E-08	2.29E-07	6.63E-09	1.92E-11	3.97E-06	1.13E-08	3.54E-09	6.92E-17	1.84E-09	4.88E-12	3.45E-12	5.38E-11	3.35E-11	2.01E-10	3.18E-12	7.24E-11	9.89E-09	9.15E-10	1.18E-08
1087	SR_126	Sensitive Receptor	Commercial	Offsite	379.183	6367.716	4.43E-08	8.46E-08	2.90E-07	9.54E-09	2.41E-11	5.50E-06	1.42E-08	4.44E-09	8.68E-17	2.31E-09	6.13E-12	4.33E-12	6.75E-11	4.21E-11	2.52E-10	3.99E-12	9.09E-11	1.24E-08	1.15E-09	1.48E-08
1088	SR_127	Sensitive Receptor	Commercial	Offsite	379.112	6367.722	3.44E-08	6.56E-08	2.25E-07	7.40E-09	1.87E-11	4.16E-06	1.10E-08	3.44E-09	6.74E-17	1.79E-09	4.75E-12	3.35E-12	5.24E-11	3.26E-11	1.95E-10	3.09E-12	7.05E-11	9.63E-09	8.91E-10	1.15E-08
1089	SR_128	Sensitive Receptor	Commercial	Offsite	379.165	6367.610	4.39E-08	8.42E-08	2.86E-07	1.06E-08	2.39E-11	5.59E-06	1.41E-08	4.40E-09	8.61E-17	2.29E-09	6.08E-12	4.29E-12	6.70E-11	4.17E-11	2.50E-10	3.95E-12	9.01E-11	1.23E-08	1.14E-09	1.47E-08
1090	SR_129	Sensitive Receptor	Commercial	Offsite	379.059	6367.632	2.97E-08	5.71E-08	1.95E-07	7.09E-09	1.61E-11	3.72E-06	9.54E-09	2.98E-09	5.83E-17	1.55E-09	4.11E-12	2.90E-12	4.53E-11	2.82E-11	1.69E-10	2.68E-12	6.10E-11	8.33E-09	7.71E-10	9.93E-09
1091	SR_130	Sensitive Receptor	Commercial	Offsite	379.161	6367.511	4.17E-08	8.04E-08	2.74E-07	1.05E-08	2.27E-11	5.36E-06	1.34E-08	4.18E-09	8.18E-17	2.17E-09	5.78E-12	4.08E-12	6.36E-11	3.96E-11	2.37E-10	3.76E-12	8.56E-11	1.17E-08	1.08E-09	1.39E-08
1092	SR_131	Sensitive Receptor	Commercial	Offsite	379.057	6367.535	2.89E-08	5.57E-08	1.90E-07	7.24E-09	1.57E-11	3.65E-06	9.27E-09	2.89E-09	5.66E-17	1.50E-09	3.99E-12	2.82E-12	4.40E-11	2.74E-11	1.64E-10	2.60E-12	5.92E-11	8.09E-09	7.48E-10	9.64E-09
1093	SR_132	Sensitive Receptor	Commercial	Offsite	379.163	6367.411	3.87E-08	7.54E-08	2.60E-07	9.14E-09	2.10E-11	4.85E-06	1.24E-08	3.87E-09	7.58E-17	2.01E-09	5.36E-12	3.80E-12	5.89E-11	3.67E-11	2.20E-10	3.48E-12	7.93E-11	1.08E-08	1.00E-09	1.29E-08
1094	SR_133	Sensitive Receptor	Commercial	Offsite	379.073	6367.431	2.89E-08	5.63E-08	1.94E-07	7.05E-09	1.57E-11	3.64E-06	9.29E-09	2.90E-09	5.67E-17	1.51E-09	4.01E-12	2.83E-12	4.41E-11	2.75E-11	1.64E-10	2.60E-12	5.93E-11	8.10E-09	7.50E-10	9.66E-09
1095	SR_134	Sensitive Receptor	Commercial	Offsite	379.148	6367.325	3.37E-08	6.66E-08	2.35E-07	7.05E-09	1.84E-11	4.09E-06	1.08E-08	3.38E-09	6.61E-17	1.76E-09	4.69E-12	3.33E-12	5.14E-11	3.21E-11	1.92E-10	3.04E-12	6.91E-11	9.45E-09	8.74E-10	1.13E-08
1096	SR_135	Sensitive Receptor	Commercial	Offsite	378.874	6366.985	1.36E-08	2.66E-08	1.03E-07	1.69E-09	7.37E-12	1.43E-06	4.34E-09	1.35E-09	2.65E-17	7.04E-10	1.88E-12	1.34E-12	2.06E-11	1.29E-11	7.68E-11	1.22E-12	2.77E-11	3.79E-09	3.51E-10	4.52E-09
1097	SR_136	Sensitive Receptor	Commercial	Offsite	378.923	6367.045	1.57E-08	3.09E-08	1.18E-07	2.15E-09	8.54E-12	1.70E-06	5.03E-09	1.57E-09	3.07E-17	8.16E-10	2.18E-12	1.56E-12	2.39E-11	1.49E-11	8.91E-11	1.41E-12	3.21E-11	4.39E-09	4.06E-10	5.23E-09
1098	SR_137	Sensitive Receptor	Commercial	Offsite	378.989	6367.113	1.89E-08	3.73E-08	1.40E-07	2.93E-09	1.03E-11	2.12E-06	6.04E-09	1.89E-09	3.69E-17	9.80E-10	2.62E-12	1.87E-12	2.87E-11	1.79E-11	1.07E-10	1.70E-12	3.86E-11	5.27E-09	4.88E-10	6.29E-09
1099	SR_138	Sensitive Receptor	Commercial	Offsite	379.062	6367.158	2.25E-08	4.47E-08	1.65E-07	3.76E-09	1.23E-11	2.63E-06	7.22E-09	2.25E-09	4.41E-17	1.17E-09	3.13E-12	2.23E-12	3.43E-11	2.14E-11	1.28E-10	2.03E-12	4.61E-11	6.30E-09	5.83E-10	7.51E-09
1100	SR_139	Sensitive Receptor	Commercial	Offsite	378.964	6367.301	2.09E-08	4.10E-08	1.44E-07	4.55E-09	1.13E-11	2.48E-06	6.69E-09	2.09E-09	4.09E-17	1.09E-09	2.89E-12	2.05E-12	3.18E-11	1.98E-11	1.18E-10	1.88E-12	4.27E-11	5.84E-09	5.40E-10	6.96E-09
1101	SR_140	Sensitive Receptor	Commercial	Offsite	378.923	6367.354	1.91E-08	3.74E-08	1.30E-07	4.51E-09	1.04E-11	2.34E-06	6.14E-09	1.92E-09	3.75E-17	9.96E-10	2.65E-12	1.88E-12	2.92E-11	1.82E-11	1.09E-10	1.72E-12	3.92E-11	5.36E-09	4.96E-10	6.39E-09
1102	SR_141	Sensitive Receptor	Commercial	Offsite	378.792	6367.458	1.55E-08	3.01E-08	1.05E-07	3.89E-09	8.40E-12	1.96E-06	4.97E-09	1.55E-09	3.03E-17	8.05E-10	2.14E-12	1.51E-12	2.36E-11	1.47E-11	8.79E-11	1.39E-12	3.17E-11	4.33E-09	4.01E-10	5.17E-09
1103	SR_142	Sensitive Receptor	Commercial	Offsite	378.733	6367.473	1.41E-08	2.75E-08	9.59E-08	3.49E-09	7.67E-12	1.79E-06	4.53E-09	1.41E-09	2.77E-17	7.35E-10	1.95E-12	1.38E-12	2.15E-11	1.34E-11	8.02E-11	1.27E-12	2.90E-11	3.96E-09	3.66E-10	4.71E-09
1104	SR_143	Sensitive Receptor	Commercial	Offsite	378.702	6367.482	1.35E-08	2.63E-08	9.18E-08	3.29E-09	7.33E-12	1.70E-06	4.33E-09	1.35E-09	2.64E-17	7.02E-10	1.86E-12	1.31E-12	2.06E-11	1.28E-11	7.66E-11	1.21E-12	2.77E-11	3.78E-09	3.50E-10	4.50E-09
1105	SR_144	Sensitive Receptor	Commercial	Offsite	378.653	6367.502	1.25E-08	2.43E-08	8.51E-08	2.98E-09	6.79E-12	1.55E-06	4.01E-09	1.25E-09	2.45E-17	6.51E-10	1.73E-12	1.22E-12	1.91E-11	1.19E-11	7.10E-11	1.13E-12	2.56E-11	3.50E-09	3.24E-10	4.17E-09
1106	SR_145	Sensitive Receptor	Commercial	Offsite	378.569	6367.541	1.10E-08	2.13E-08	7.48E-08	2.51E-09	5.98E-12	1.31E-06	3.53E-09	1.10E-09	2.16E-17	5.73E-10	1.52E-12	1.07E-12	1.68E-11	1.04E-11	6.25E-11	9.90E-13	2.26E-11	3.08E-09	2.85E-10	3.67E-09
1107	SR_146	Sensitive Receptor	Commercial	Offsite	378.477	6367.579	9.84E-09	1.89E-08	6.67E-08	2.10E-09	5.32E-12	1.13E-06	3.15E-09	9.82E-10	1.92E-17	5.10E-10	1.35E-12	9.54E-13	1.49E-11	9.30E-12	5.57E-11	8.82E-13	2.01E-11	2.75E-09	2.54E-10	3.27E-09
1108	SR_147	Sensitive Receptor	Commercial	Offsite	378.406	6367.608	9.10E-09	1.74E-08	6.16E-08	1.85E-09	4.92E-12	1.01E-06	2.91E-09	9.07E-10	1.77E-17	4.71E-10	1.25E-12	8.81E-13	1.38E-11	8.60E-12	5.15E-11	8.15E-13	1.86E-11	2.54E-09	2.35E-10	3.02E-09
1109	SR_148	Sensitive Receptor	Commercial	Offsite	378.336	6367.614	8.48E-09	1.62E-08	5.74E-08	1.64E-09	4.58E-12	9.19E-07	2.71E-09	8.44E-10	1.65E-17	4.39E-10	1.16E-12	8.20E-13	1.28E-11	8.00E-12	4.79E-11	7.58E-13	1.73E-11	2.36E-09	2.19E-10	2.81E-09
1110	SR_149	Sensitive Receptor	Commercial	Offsite	378.241	6367.632	7.80E-09	1.47E-08	5.26E-08	1.40E-09	4.20E-12	8.10E-07	2.48E-09	7.74E-10	1.51E-17	4.02E-10	1.07E-12	7.52E-13	1.18E-11	7.33E-12	4.39E-11	6.95E-13	1.58E-11	2.16E-09	2.00E-10	2.58E-09
1111	SR_150	Sensitive Receptor	Commercial	Offsite	378.627	6367.413	1.19E-08	2.31E-08	8.15E-08	2.64E-09	6.46E-12	1.42E-06	3.82E-09	1.19E-09	2.33E-17	6.19E-10	1.64E-12	1.16E-12	1.81E-11	1.13E-11	6.75E-11	1.07E-12	2.44E-11	3.33E-09	3.08E-10	3.97E-09
1112	SR_151	Sensitive Receptor	Commercial	Offsite	378.697	6367.402	1.31E-08	2.55E-08	8.98E-08	3.04E-09	7.13E-12	1.60E-06	4.21E-09	1.31E-09	2.57E-17	6.83E-10	1.81E-12	1.28E-12	2.00E-11	1.25E-11	7.45E-11	1.18E-12	2.69E-11	3.67E-09	3.40E-10	4.38E-09
1113	SR_152	Sensitive Receptor	Commercial	Offsite	378.761	6367.380	1.44E-08	2.80E-08	9.81E-08	3.38E-09	7.81E-12	1.76E-06	4.61E-09	1.44E-09	2.82E-17	7.48E-10	1.99E-12	1.40E-12	2.19E-11	1.36E-11	8.16E-11	1.29E-12	2.95E-11	4.02E-09	3.72E-10	4.80E-09
1114	SR_153	Sensitive Receptor	Commercial	Offsite	378.819	6367.354	1.57E-08	3.07E-08	1.08E-07	3.68E-09	8.55E-12	1.92E-06	5.05E-09	1.57E-09	3.08E-17	8.18E-10	2.18E-12	1.54E-12	2.40E-11	1.49E-11	8.93E-11	1.42E-12	3.22E-11	4.41E-09	4.08E-10	5.25E-09

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 1 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1115	SR_154	Sensitive Receptor	Commercial	Offsite	378.854	6367.312	1.66E-08	3.25E-08	1.15E-07	3.71E-09	9.03E-12	1.98E-06	5.33E-09	1.66E-09	3.26E-17	8.65E-10	2.30E-12	1.63E-12	2.53E-11	1.58E-11	9.44E-11	1.50E-12	3.41E-11	4.65E-09	4.31E-10	5.55E-09
1116	SR_155	Sensitive Receptor	Commercial	Offsite	377.826	6367.113	5.79E-09	7.83E-09	2.89E-08	6.82E-10	2.48E-12	4.84E-07	1.47E-09	4.58E-10	8.95E-18	2.38E-10	6.32E-13	4.47E-13	6.96E-12	4.34E-12	2.60E-11	4.11E-13	9.37E-12	1.28E-09	1.18E-10	1.53E-09
1117	SR_156	Sensitive Receptor	Commercial	Offsite	377.870	6367.171	5.81E-09	8.76E-09	3.22E-08	7.54E-10	2.67E-12	5.13E-07	1.58E-09	4.92E-10	9.63E-18	2.56E-10	6.79E-13	4.80E-13	7.49E-12	4.67E-12	2.79E-11	4.42E-13	1.01E-11	1.38E-09	1.27E-10	1.64E-09
1118	SR_157	Sensitive Receptor	Commercial	Offsite	377.916	6367.222	5.92E-09	9.61E-09	3.51E-08	8.23E-10	2.85E-12	5.41E-07	1.69E-09	5.26E-10	1.03E-17	2.73E-10	7.26E-13	5.13E-13	8.00E-12	4.99E-12	2.98E-11	4.73E-13	1.08E-11	1.47E-09	1.36E-10	1.75E-09
1119	SR_158	Sensitive Receptor	Commercial	Offsite	377.760	6367.376	5.44E-09	9.02E-09	3.32E-08	7.10E-10	2.67E-12	4.75E-07	1.58E-09	4.93E-10	9.64E-18	2.56E-10	6.80E-13	4.79E-13	7.50E-12	4.67E-12	2.79E-11	4.43E-13	1.01E-11	1.38E-09	1.27E-10	1.64E-09
1120	SR_159	Sensitive Receptor	Commercial	Offsite	377.921	6367.349	5.96E-09	1.03E-08	3.76E-08	8.70E-10	3.01E-12	5.52E-07	1.78E-09	5.55E-10	1.09E-17	2.89E-10	7.66E-13	5.41E-13	8.45E-12	5.26E-12	3.15E-11	4.99E-13	1.14E-11	1.55E-09	1.44E-10	1.85E-09
1121	SR_160	Sensitive Receptor	Commercial	Offsite	377.993	6367.305	6.23E-09	1.09E-08	3.96E-08	9.35E-10	3.16E-12	5.90E-07	1.87E-09	5.84E-10	1.14E-17	3.03E-10	8.05E-13	5.68E-13	8.88E-12	5.53E-12	3.31E-11	5.24E-13	1.19E-11	1.63E-09	1.51E-10	1.95E-09
1122	SR_161	Sensitive Receptor	Commercial	Offsite	378.073	6367.241	6.56E-09	1.16E-08	4.21E-08	9.80E-10	3.34E-12	6.31E-07	1.97E-09	6.16E-10	1.21E-17	3.20E-10	8.51E-13	6.01E-13	9.38E-12	5.84E-12	3.50E-11	5.54E-13	1.26E-11	1.72E-09	1.59E-10	2.05E-09
1123	SR_162	Sensitive Receptor	Commercial	Offsite	378.163	6367.162	7.01E-09	1.24E-08	4.60E-08	9.92E-10	3.58E-12	6.71E-07	2.12E-09	6.60E-10	1.29E-17	3.43E-10	9.13E-13	6.45E-13	1.00E-11	6.26E-12	3.75E-11	5.93E-13	1.35E-11	1.85E-09	1.71E-10	2.20E-09
1124	SR_163	Sensitive Receptor	Commercial	Offsite	378.088	6367.753	7.22E-09	1.35E-08	4.85E-08	1.12E-09	3.88E-12	6.81E-07	2.29E-09	7.15E-10	1.40E-17	3.71E-10	9.86E-13	6.94E-13	1.09E-11	6.78E-12	4.06E-11	6.42E-13	1.46E-11	2.00E-09	1.85E-10	2.38E-09
1125	SR_164	Sensitive Receptor	Commercial	Offsite	378.256	6367.720	8.11E-09	1.54E-08	5.46E-08	1.47E-09	4.37E-12	8.44E-07	2.59E-09	8.07E-10	1.58E-17	4.19E-10	1.11E-12	7.83E-13	1.23E-11	7.65E-12	4.58E-11	7.25E-13	1.65E-11	2.26E-09	2.09E-10	2.69E-09
1126	SR_165	Sensitive Receptor	Commercial	Offsite	378.876	6367.612	1.83E-08	3.55E-08	1.22E-07	4.66E-09	9.96E-12	2.32E-06	5.89E-09	1.84E-09	3.59E-17	9.54E-10	2.53E-12	1.79E-12	2.79E-11	1.74E-11	1.04E-10	1.65E-12	3.76E-11	5.14E-09	4.75E-10	6.12E-09
1127	SR_166	Sensitive Receptor	Commercial	Offsite	378.920	6367.705	2.03E-08	3.90E-08	1.34E-07	4.88E-09	1.10E-11	2.49E-06	6.51E-09	2.03E-09	3.98E-17	1.06E-09	2.80E-12	1.98E-12	3.09E-11	1.93E-11	1.15E-10	1.83E-12	4.16E-11	5.69E-09	5.26E-10	6.78E-09
1128	SR_167	Sensitive Receptor	Commercial	Offsite	378.964	6367.793	2.25E-08	4.29E-08	1.47E-07	4.95E-09	1.22E-11	2.62E-06	7.23E-09	2.25E-09	4.41E-17	1.17E-09	3.11E-12	2.19E-12	3.43E-11	2.14E-11	1.28E-10	2.03E-12	4.62E-11	6.31E-09	5.84E-10	7.52E-09
1129	SR_168	Sensitive Receptor	Commercial	Offsite	379.099	6367.879	3.15E-08	5.88E-08	2.02E-07	5.60E-09	1.71E-11	3.30E-06	1.01E-08	3.15E-09	6.17E-17	1.64E-09	4.35E-12	3.07E-12	4.80E-11	2.99E-11	1.79E-10	2.83E-12	6.45E-11	8.82E-09	8.16E-10	1.05E-08
1130	SR_169	Sensitive Receptor	Commercial	Offsite	379.002	6367.908	2.47E-08	4.61E-08	1.57E-07	4.57E-09	1.34E-11	2.51E-06	7.93E-09	2.48E-09	4.84E-17	1.29E-09	3.42E-12	2.41E-12	3.77E-11	2.35E-11	1.40E-10	2.22E-12	5.07E-11	6.92E-09	6.41E-10	8.25E-09
1131	SR_170	Sensitive Receptor	Commercial	Offsite	379.117	6368.012	3.54E-08	6.43E-08	2.26E-07	4.58E-09	1.92E-11	2.70E-06	1.14E-08	3.55E-09	6.94E-17	1.84E-09	4.90E-12	3.46E-12	5.40E-11	3.36E-11	2.01E-10	3.19E-12	7.26E-11	9.92E-09	9.18E-10	1.18E-08
1132	SR_171	Sensitive Receptor	Commercial	Offsite	378.717	6367.632	1.37E-08	2.64E-08	9.18E-08	3.41E-09	7.41E-12	1.71E-06	4.38E-09	1.37E-09	2.67E-17	7.10E-10	1.88E-12	1.33E-12	2.08E-11	1.30E-11	7.75E-11	1.23E-12	2.80E-11	3.82E-09	3.54E-10	4.55E-09
1133	SR_172	Sensitive Receptor	Commercial	Offsite	378.746	6367.705	1.44E-08	2.78E-08	9.64E-08	3.54E-09	7.82E-12	1.79E-06	4.63E-09	1.44E-09	2.82E-17	7.50E-10	1.99E-12	1.40E-12	2.20E-11	1.37E-11	8.19E-11	1.30E-12	2.96E-11	4.04E-09	3.74E-10	4.81E-09
1134	SR_173	Sensitive Receptor	Commercial	Offsite	378.578	6367.698	1.12E-08	2.17E-08	7.57E-08	2.58E-09	6.10E-12	1.34E-06	3.60E-09	1.12E-09	2.20E-17	5.84E-10	1.55E-12	1.09E-12	1.71E-11	1.07E-11	6.38E-11	1.01E-12	2.30E-11	3.15E-09	2.91E-10	3.75E-09
1135	SR_174	Sensitive Receptor	Commercial	Offsite	379.073	6368.261	4.22E-08	7.62E-08	2.86E-07	3.76E-09	2.29E-11	1.89E-06	1.35E-08	4.22E-09	8.26E-17	2.19E-09	5.83E-12	4.12E-12	6.43E-11	4.00E-11	2.40E-10	3.79E-12	8.65E-11	1.18E-08	1.09E-09	1.41E-08
1136	SR_175	Sensitive Receptor	Commercial	Offsite	379.024	6368.166	3.24E-08	5.81E-08	2.08E-07	3.43E-09	1.76E-11	1.83E-06	1.04E-08	3.24E-09	6.35E-17	1.69E-09	4.48E-12	3.16E-12	4.94E-11	3.08E-11	1.84E-10	2.92E-12	6.64E-11	9.08E-09	8.40E-10	1.08E-08
1137	SR_176	Sensitive Receptor	Commercial	Offsite	378.984	6368.287	3.31E-08	5.92E-08	2.18E-07	3.01E-09	1.80E-11	1.51E-06	1.06E-08	3.31E-09	6.48E-17	1.72E-09	4.57E-12	3.23E-12	5.04E-11	3.14E-11	1.88E-10	2.98E-12	6.78E-11	9.27E-09	8.57E-10	1.10E-08
1138	SR_177	Sensitive Receptor	Commercial	Offsite	378.925	6368.188	2.50E-08	4.47E-08	1.57E-07	2.82E-09	1.36E-11	1.48E-06	8.04E-09	2.51E-09	4.91E-17	1.30E-09	3.46E-12	2.44E-12	3.82E-11	2.38E-11	1.42E-10	2.25E-12	5.14E-11	7.02E-09	6.49E-10	8.36E-09
1139	SR_178	Sensitive Receptor	Commercial	Offsite	378.887	6368.292	2.57E-08	4.57E-08	1.65E-07	2.46E-09	1.40E-11	1.25E-06	8.25E-09	2.57E-09	5.04E-17	1.34E-09	3.55E-12	2.51E-12	3.92E-11	2.44E-11	1.46E-10	2.31E-12	5.27E-11	7.20E-09	6.66E-10	8.58E-09
1140	SR_179	Sensitive Receptor	Commercial	Offsite	378.775	6368.195	1.84E-08	3.29E-08	1.14E-07	2.31E-09	9.99E-12	1.22E-06	5.90E-09	1.84E-09	3.60E-17	9.57E-10	2.54E-12	1.79E-12	2.80E-11	1.75E-11	1.05E-10	1.66E-12	3.77E-11	5.15E-09	4.77E-10	6.14E-09
1141	SR_180	Sensitive Receptor	Commercial	Offsite	378.772	6368.296	2.04E-08	3.62E-08	1.29E-07	2.07E-09	1.11E-11	1.08E-06	6.54E-09	2.04E-09	3.99E-17	1.06E-09	2.82E-12	1.99E-12	3.10E-11	1.93E-11	1.16E-10	1.83E-12	4.18E-11	5.71E-09	5.28E-10	6.80E-09
1142	SR_181	Sensitive Receptor	Commercial	Offsite	378.772	6368.252	1.94E-08	3.45E-08	1.21E-07	2.16E-09	1.05E-11	1.14E-06	6.22E-09	1.94E-09	3.80E-17	1.01E-09	2.68E-12	1.89E-12	2.96E-11	1.84E-11	1.10E-10	1.74E-12	3.98E-11	5.43E-09	5.03E-10	6.47E-09
1143	SR_182	Sensitive Receptor	Commercial	Offsite	378.675	6368.349	1.84E-08	3.28E-08	1.18E-07	1.77E-09	1.00E-11	9.33E-07	5.91E-09	1.84E-09	3.61E-17	9.59E-10	2.55E-12	1.79E-12	2.81E-11	1.75E-11	1.05E-10	1.66E-12	3.78E-11	5.16E-09	4.77E-10	6.15E-09
1144	SR_183	Sensitive Receptor	Commercial	Offsite	378.609	6368.340	1.67E-08	2.96E-08	1.06E-07	1.66E-09	9.03E-12	8.89E-07	5.34E-09	1.67E-09	3.26E-17	8.66E-10	2.30E-12	1.62E-12	2.54E-11	1.58E-11	9.45E-11	1.50E-12	3.41E-11	4.66E-09	4.31E-10	5.55E-09
1145	SR_184	Sensitive Receptor	Commercial	Offsite	378.629	6368.223	1.52E-08	2.74E-08	9.55E-08	1.93E-09	8.27E-12	1.03E-06	4.89E-09	1.53E-09	2.98E-17	7.92E-10	2.10E-12	1.48E-12	2.32E-11	1.45E-11	8.65E-11	1.37E-12	3.12E-11	4.27E-09	3.95E-10	5.08E-09
1146	SR_185	Sensitive Receptor	Commercial	Offsite	378.536	6368.239	1.39E-08	2.50E-08	8.77E-08	1.72E-09	7.54E-12	9.26E-07	4.46E-09	1.39E-09	2.72E-17	7.22E-10	1.92E-12	1.35E-12	2.12E-11	1.32E-11	7.89E-11	1.25E-12	2.85E-11	3.89E-09	3.60E-10	4.63E-09
1147	SR_186	Sensitive Receptor	Commercial	Offsite	378.307	6368.270	1.19E-08	2.14E-08	7.70E-08	1.30E-09	6.44E-12	7.16E-07	3.81E-09	1.19E-09	2.33E-17	6.18E-10	1.64E-12	1.15E-12	1.81E-11	1.13E-11	6.74E-11	1.07E-12	2.43E-11	3.33E-09	3.08E-10	3.96E-09
1148	SR_187	Sensitive Receptor	Commercial	Offsite	378.355	6368.316	1.28E-08	2.29E-08	8.23E-08	1.32E-09	6.92E-12	7.23E-07	4.09E-09	1.28E-09	2.50E-17	6.63E-10	1.76E-12	1.24E-12	1.94E-11	1.21E-11	7.24E-11	1.15E-12	2.61E-11	3.57E-09	3.30E-10	4.25E-09
1149	SR_188	Sensitive Receptor	Commercial	Offsite	378.424	6368.373	1.42E-08	2.52E-08	9.14E-08	1.35E-09	7.68E-12	7.35E-07	4.54E-09	1.42E-09	2.77E-17	7.36E-10	1.95E-12	1.37E-12	2.15E-11	1.34E-11	8.03E-11	1.27E-12	2.90E-11	3.96E-09	3.66E-10	4.72E-09
1150	SR_189	Sensitive Receptor	Commercial	Offsite	378.503	6368.409	1.58E-08	2.80E-08	1.02E-07	1.40E-09	8.55E-12	7.58E-07	5.05E-09	1.58E-09	3.09E-17	8.19E-10	2.17E-12	1.53E-12	2.40E-11	1.49E-11	8.95E-11	1.42E-12	3.23E-11	4.41E-09	4.08E-10	5.26E-09
1151	SR_190	Sensitive Receptor	Commercial	Offsite	378.455	6368.515	1.64E-08	2.91E-08	1.09E-07	1.22E-09	8.88E-12	6.55E-07	5.25E-09	1.64E-09	3.20E-17	8.51E-10	2.26E-12	1.59E-12	2.49E-11	1.55E-11	9.29E-11	1.47E-12	3.35E-11	4.58E-09	4.24E-10	5.46E-09
1152	SR_191	Sensitive Receptor	Commercial	Offsite	378.411	6368.488	1.55E-08	2.74E-08	1.02E-07	1.20E-09	8.36E-12	6.51E-07	4.94E-09	1.54E-09	3.02E-17	8.01E-10	2.13E-12	1.50E-12	2.35E-11	1.46E-11	8.75E-11	1.39E-12	3.16E-11	4.31E-09	3.99E-10	5.14E-09
1153	SR_192	Sensitive Receptor	Commercial	Offsite	378.336	6368.437	1.41E-08	2.50E-08	9.30E-08	1.17E-09	7.61E-12	6.48E-07	4.50E-09	1.40E-09	2.75E-17	7.30E-10	1.94E-12	1.36E-12	2.14E-11	1.33E-11	7.97E-11	1.26E-12	2.88E-11	3.93E-09	3.64E-10	4.68E-09
1154	SR_193	Sensitive Receptor	Commercial	Offsite	378.219	6368.373	1.26E-08	2.26E-08	8.45E-08	1.10E-09	6.82E-12	6.23E-07	4.03E-09	1.26E-09	2.46E-17	6.54E-10	1.74E-12	1.22E-12	1.92E-11	1.19E-11	7.14E-11	1.13E-12	2.58E-11	3.52E-09	3.26E-10	4.20E-09
1155	SR_194	Sensitive Receptor	Commercial	Offsite	378.203	6368.530	1.39E-08	2.47E-08	9.50E-08	9.58E-10	7.49E-12	5.41E-07	4.43E-09	1.38E-09	2.70E-17	7.18E-10	1.90E-12	1.34E-12	2.10E-11	1.31E-11	7.84E-11	1.24E-12	2.83E-11	3.86E-09	3.58E-10	4.60E-09
1156	SR_195	Sensitive Receptor	Commercial	Offsite	378.276	6368.579	1.48E-08	2.61E-08	1.00E-07	9.77E-10	7.95E-12	5.42E-07	4.70E-09	1.47E-09	2.87E-17	7.62E-10	2.02E-12	1.42E-12	2.23E-11	1.39E-11	8.32E-11	1.32E-12	3.00E-11	4.10E-09	3.80E-10	4.89E-09
1157	SR_196	Sensitive Receptor	Commercial	Offsite	376.753	6367.464	3.28E-09	4.88E-09	1.88E-08	3.24E-10	1.50E-12	2.48E-07	8.90E-10	2.78E-10	5.43E-18	1.44E-10	3.83E-13	2.70E-13	4.22E-12	2.63E-12	1.57E-11	2.49E-13	5.68E-12	7.76E-10	7.18E-11	9.25E-10
1158	SR_197	Sensitive Receptor	Commercial	Offsite	376.674	6367.477	3.15E-09	4.78E-09	1.86E-08	3.09E-10	1.46E-12	2.38E-07	8.65E-10	2.70E-10	5.28E-18	1.40E-10	3.72E-13	2.62E-13	4.10E-12	2.56E-12	1.53E-11	2.42E-13	5.52E-12	7.54E-10	6.98E-11	8.99E-10
1159	SR_198	Sensitive Receptor	Commercial	Offsite	376.639	6367.566	3.09E-09	4.67E-09	1.82E-08	2.90E-10	1.43E-12	2.27E-07	8.48E-10	2.65E-10	5.18E-18	1.37E-10	3.65E-13	2.57E-13	4.03E-12	2.51E-12	1.50E-11	2.38E-13	5.42E-12	7.40E-10	6.85E-11	8.82E-10
1160	SR_199	Sensitive Receptor	Commercial	Offsite	376.608	6367.650	3.04E-09	4.59E-09	1.79E-08	2.75E-10	1.41E-12	2.18E-07	8.35E-10	2.61E-10	5.10E-18	1.35E-10	3.59E-13	2.53E-13	3.97E-12	2.47E-12	1.48E-11	2.34E-13	5.34E-12	7.29E-10	6.75E-11	8.69E-10
1161	SR_200	Sensitive Receptor	Commercial	Offsite	376.614	6367.754	3.07E-09	4.60E-09	1.80E-08	2.67E-10	1.43E-12	2.16E-07	8.43E-10	2.63E-10	5.15E-18	1.37E-10	3.63E-13	2.56E-13	4.00E-12	2.49E-12	1.49E-11	2.36E-13	5.39E-12	7.36E-10	6.81E-11	8.77E-10
1162	SR_201	Sensitive Receptor	Commercial	Offsite	376.877	6367.338	3.45E-09	5.09E-09	1.94E-08	3.64E-10	1.57E-12	2.67E-07	9.27E-10	2.89E-10	5.66E-18	1.50E-10	3.99E-13	2.81E-13	4.40E-12	2.74E-12	1.64E-11	2.60E-13	5.92E-12	8.09E-10	7.49E-11	9.64E-10
1163	SR_202	Sensitive Receptor	Commercial	Offsite	376.985	6367.308	3.65E-09	5.24E-09	1.99E-08	3.87E-10	1.63E-12	2.84E-07	9.65E-10	3.01E-10	5.89E-18	1.56E-10	4.15E-13	2.93E-13	4.58E-12	2.85E-12	1.71E-11	2.70E-13	6.16E-12	8.42E-10	7.79E-11	1.00E-09
1164	SR_203	Sensitive Receptor	Commercial	Offsite	376.866	6367.131	3.23E-09	5.09E-09	1.95E-08	3.82E-10	1.52E-12	2.66E-07	8.99E-10	2.80E-10	5.49E-18	1.46E-10	3.87E-13	2.73E-13	4.27E-12	2.66E-12	1.59E-11	2.52E-13	5.74E-12	7.85E-10	7.26E-11	9.35E-10
1165	SR_204	Sensitive Receptor	Commercial	Offsite	376.963	6367.160	3.47E-09	5.19E-09	1.98E-08	4.02E-10	1.58E-12	2.82E-07	9.35E-10	2.92E-10	5.71E-18	1.52E-10	4.03E-13	2.84E-13	4.44E-12	2.77E-12	1.66E-11	2.62E-13	5.97E-12	8.16E-10	7.55E-11	9.73E-10
1166	SR_205	Sensitive Receptor	Commercial	Offsite	376.965	6367.091	3.39E-09	5.17E-09	1.97E-08	4.07E-10	1.56E-12	2.80E-07	9.23E-10	2.88E-10	5.63E-18	1.50E-10	3.98E-13	2.80E-13	4.38E-12	2.73E-12	1.63E-11	2.59E-13	5.90E-12	8.06E-10	7.45E-11	9.60E-10
1167	SR_206	Sensitive Receptor	Commercial	Offsite	377.078	6367.131	3.72E-09	5.31E-09	2.02E-08	4.27E-10	1.65E-12	3.03E-07	9.73E-10	3.04E-10	5.94E-18	1.58E-10	4.19E-13	2.96E-13	4.62E-12	2.88E-12	1.72E-11	2.73E-13	6.22E-12	8.49E-10	7.86E-11	1.01E-09
1168	SR_207	Sensitive Receptor	Commercial	Offsite	377.128	6367.228	3.93E-09	5.40E-09	2.05E-08	4.18E-10	1.71E-12	3.07E-07	1.01E-09	3.14E-10	6.15E-18	1.63E-10	4.34E-13	3.06E-13	4.78E-12	2.98E-12	1.78E-11	2.82E-13	6.44E-12	8.79E-10	8.14E-11	1.05E-09
1169	SR_208	Sensitive Receptor	Commercial	Offsite	377.223	6367.138	4.12E-09	5.42E-09	2.05E-08	4.41E-10	1.74E-12	3.25E-07	1.03E-09	3.20E-10	6.26E-18	1.66E-10	4.42E-13	3.12E-13	4.87E-12	3.03E-12	1.82E-11	2.88E-13	6.55E-12	8.95E-10	8.28E-11	1.07E-09
1170	SR_209	Sensitive Receptor	Commercial	Offsite	377.318	6367.118	4.39E-09	5.47E-09	2.07E-08	4.54E-10	1.79E-12	3.40E-07	1.06E-09	3.30E-10	6.46E-18	1.72E-10	4.56E-13	3.22E-13	5.03E-12	3.13E-12	1.87E-11	2.97E-13	6.76E-12	9.24E-10	8.55E-11	1.10E-09
1171	SR_210	Sensitive Receptor	Commercial	Offsite	377.358	6367.001	4.46E-09	5.22E-09	1.97E-08	4.60E-10	1.75E-12	3.38E-07	1.03E-09	3.22E-10	6.30E-18	1.67E-10	4.45E-13	3.15E-13	4.90E-12	3.06E-12	1.83E-11	2.90E-13	6.60E-12	9.01E-10	8.34E-11	1.07E-09
1172	SR_211	Sensitive Receptor	Commercial	Offsite	377.376	6366.884	4.52E-09	5.14E-09	1.94E-08	4.70E-10	1.74E-12	3.37E-07	1.03E-09	3.20E-10	6.26E-18	1.66E-10	4.43E-13	3.13E-13	4.87E-12	3.04E-12	1.81E-11	2.88E-13	6.55E-12	8.95E-10	8.28E-11	1.07E-09
1173	SR_212	Sensitive Receptor	Commercial	Offsite	377.407	6366.782	4.78E-09	5.20E-09	1.97E-08	4.86E-10	1.79E-12	3.48E-07	1.06E-09	3.29E-10	6.44E-18	1.71E-10	4.56E-13	3.24E-13	5.01E-12	3.13E-12	1.87E-11	2.96E-13	6.74E-12	9.21E-10	8.52E-11	1.10E-09
1174	SR_213	Sensitive Receptor	Commercial	Offsite	377.287	6366.835	4.08E-09	5.26E-09	1.99E-08	4.71E-10	1.68E-12	3.17E-07	9.94E-10	3.10E-10	6.07E-18	1.61E-10	4.29E-13	3.04E-13	4.72E-12	2.94E-12	1.76E-11	2.79E-13	6.35E-12	8.67E-10	8.03E-11	1.03E-09
1175	SR_214	Sensitive Receptor	Commercial	Offsite	377.256	6366.904	3.99E-09	5.23E-09	1.98E-08	4.61E-10	1.66E-12	3.15E-07	9.83E-10	3.07E-10	6.00E-18	1.59E-10	4.24E-13	3.00E-13	4.67E-12	2.91E-12	1.74E-11	2.76E-13	6.28E-12	8.58E-10	7.94E-11	1.02E-09
1176	SR_215	Sensitive Receptor	Commercial	Offsite	377.234	6366.996	3.99E-09	5.24E-09	1.99E-08	4.52E-10	1.67E-12	3.16E-07	9.89E-10	3.08E-10	6.04E-18	1.60E-10	4.26E-13	3.01E-13	4.69E-12	2.93E-12	1.75E-11	2.77E-13	6.32E-12	8.63E-10	7.98E-11	1.03E-09
1177	SR_216	Sensitive Receptor	Commercial	Offsite	377.144	6366.981	3.69E-09	5.24E-09	1.99E-08	4.44E-10	1.62E-12	3.01E-07	9.57E-10	2.99E-10	5.84E-18	1.55E-10	4.12E-13	2.91E-13	4.54E-12	2.83E-12	1.69E-11	2.68E-13	6.11E-12	8.35E-10	7.73E-11	9.95E-10
1178	SR_217	Sensitive Receptor	Commercial	Offsite	377.067	6366.981	3.47E-09	5.21E-09	1.98E-08	4.32E-10	1.58E-12	2.88E-07	9.32E-10	2.91E-10	5.69E-18	1.51E-10	4.02E-13	2.84E-13	4.43E-12	2.76E-12	1.65E-11	2.61E-13	5.96E-12	8.14E-10	7.53E-11	9.70E-10
1179	SR_218	Sensitive Receptor	Commercial	Offsite	377.069	6366.882	3.36E-09	5.20E-09	1.98E-08	4.34E-10	1.56E-12	2.80E-07	9.19E-10	2.87E-10	5.61E-18	1.49E-10	3.96E-13	2.80E-13	4.36E-12	2.72E-12	1.63E-11	2.58E-13	5.87E-12	8.02E-10	7.42E-11	9.55E-10
1180	SR_219	Sensitive Receptor	Commercial	Offsite	377.137	6366.767	3.49E-09	5.36E-09	2.04E-08	4.55E-10	1.60E-12	2.86E-07	9.44E-10	2.95E-10	5.77E-18	1.53E-10	4.08E-13	2.89E-13	4.48E-12	2.80E-12	1.67E-11	2.65E-13	6.03E-12	8.24E-10	7.63E-11	9.82E-10
1181	SR_220	Sensitive Receptor	Commercial	Offsite	377.042	6366.734	3.22E-09	5.31E-09	2.04E-08	4.31E-10	1.55E-12	2.69E-07	9.13E-10	2.85E-10	5.57E-18	1.48E-10	3.94E-13	2.80E-13	4.33E-12	2.70E-12	1.62E-11	2.56E-13	5.83E-12	7.97E-10	7.37E-11	9.49E-10
1182	SR_221	Sensitive Receptor	Commercial	Offsite	376.987	6366.895	3.17E-09	5.11E-09	1.96E-08	4.12E-10	1.51E-12	2.66E-07	8.90E-10	2.78E-10	5.44E-18	1.44E-10	3.84E-13	2.71E-13	4.23E-12	2.64E-12	1.58E-11	2.50E-13	5.69E-12	7.77E-10	7.19E-11	9.26E-10
1183	SR_222	Sensitive Receptor	Commercial	Offsite	376.945	6367.001	3.21E-09	5.10E-09	1.95E-08	4.02E-10	1.51E-12	2.68E-07	8.95E-10	2.79E-10	5.46E-18	1.45E-10	3.86E-13	2.72E-13	4.25E-12	2.65E-12	1.58E-11	2.51E-13	5.72E-12	7.81E-10	7.23E-11	9.31E-10
1184	SR_223	Sensitive Receptor	Commercial	Offsite	377.095	6366.597	3.43E-09	5.76E-09	2.22E-08	4.62E-10	1.66E-12	2.86E-07	9.80E-10	3.06E-10	5.98E-18	1.59E-10	4.24E-13	3.02E-13	4.65E-12	2.90E-12	1.73E-11	2.75E-13	6.26E-12	8.55E-10	7.91E-11	1.02E-09
1185	SR_224	Sensitive Receptor	Commercial	Offsite	377.243	6366.628	3.97E-09	5.80E-09	2.22E-08	4.98E-10	1.76E-12	3.15E-07	1.04E-09	3.24E-10	6.33E-18	1.68E-10	4.49E-13	3.19E-13	4.92E-12	3.07E-12	1.84E-11	2.91E-13	6.62E-12	9.05E-10	8.37E-11	1.08E-09
1186	SR_225	Sensitive Receptor	Commercial	Offsite	377.131	6366.425	3.65E-09	6.35E-09	2.48E-08	4.79E-10	1.80E-12	2.99E-07	1.06E-09	3.32E-10	6.49E-18	1.72E-10	4.60E-13	3.28E-13	5.05E-12	3.15E-12	1.88E-11	2.98E-13	6.78E-12	9.27E-10	8.58E-11	1.11E-09
1187	SR_226	Sensitive Receptor	Commercial	Offsite	377.248	6366.469	4.10E-09	6.42E-09	2.48E-08	5.16E-10	1.89E-12	3.28E-07	1.11E-09	3.48E-10	6.80E-18	1.81E-10	4.83E-13	3.44E-13	5.29E-12	3.30E-12	1.97E-11	3.13E-13	7.11E-12	9.72E-10	8.99E-11	1.16E-09
1188	SR_227	Sensitive Receptor	Commercial	Offsite	377.219	6366.182	3.79E-09	6.71E-09	2.68E-08	4.50E-10	1.89E-12	3.01E-07	1.12E-09	3.48E-10	6.81E-18	1.81E-10	4.84E-13	3.47E-13	5.30E-12	3.31E-12	1.97E-11	3.13E-13	7.12E-12	9.73E-10	9.00E-11	1.16E-09
1189	SR_228	Sensitive Receptor	Commercial	Offsite	377.285	6366.206	3.97E-09	6.76E-09	2.69E-08	4.64E-10	1.93E-12	3.15E-07	1.14E-09	3.55E-10	6.95E-18	1.85E-10	4.94E-13	3.54E-13	5.41E-12	3.38E-12	2.01E-11	3.20E-13	7.26E-12	9.93E-10	9.19E-11	1.18E-09
1190	SR_229	Sensitive Receptor	Commercial	Offsite	377.179	6366.281	3.76E-09	6.65E-09	2.62E-08	4.69E-10	1.88E-12	3.02E-07	1.11E-09	3.45E-10	6.75E-18	1.79E-10	4.79E-13	3.43E-13	5.25E-12	3.28E-12	1.96E-11	3.10E-13	7.05E-12	9.64E-10	8.92E-11	1.15E-09
1191	SR_230	Sensitive Receptor	Commercial	Offsite	377.281	6366.326	4.10E-09	6.66E-09	2.61E-08	4.94E-10	1.93E-12	3.22E-07	1.14E-09	3.56E-10	6.96E-18	1.85E-10	4.95E-13	3.54E-13	5.41E-12	3.38E-12	2.02E-11	3.20E-13	7.28E-12	9.95E-10	9.20E-11	1.19E-09
1192	SR_231	Sensitive Receptor	Commercial	Offsite	377.760	6364.849	1.54E-09	2.50E-09	1.07E-08	1.27E-10	7.41E-13	1.09E-07	4.37E-10	1.36E-10	2.67E-18	7.08E-11	1.89E-13	1.36E-13	2.07E-12	1.30E-12	7.73E-12	1.23E-13	2.79E-12	3.81E-10	3.52E-11	4.54E-10
1193	SR_232	Sensitive Receptor	Commercial	Offsite	377.693	6364.940	1.66E-09	2.71E-09	1.16E-08	1.38E-10	7.99E-13	1.20E-07	4.71E-10	1.47E-10	2.88E-18	7.64E-11	2.04E-13	1.46E-13	2.24E-12	1.40E-12	8.34E-12	1.32E-13	3.01E-12	4.11E-10	3.80E-11	4.90E-10
1194	SR_233	Sensitive Receptor	Commercial	Offsite	378.963	6368.005	2.34E-08	4.28E-08	1.47E-07	3.73E-09	1.27E-11	2.02E-06	7.51E-09	2.34E-09	4.59E-17	1.22E-09	3.24E-12	2.28E-12	3.57E-11	2.22E-11	1.33E-10	2.11E-12	4.80E-11	6.56E-09	6.07E-10	7.81E-09
1195	SR_234	Sensitive Receptor	Commercial	Offsite	378.908	6368.061	2.14E-08	3.88E-08	1.33E-07	3.20E-09	1.16E-11	1.70E-06	6.86E-09	2.14E-09	4.19E-17	1.11E-09	2.95E-12	2.08E-12	3.26E-11	2.03E-11	1.21E-10	1.92E-12	4.38E-11	5.99E-09	5.54E-10	7.14E-09
1196	SR_235	Sensitive Receptor	Commercial	Offsite	378.876	6368.011	1.94E-08	3.57E-08	1.22E-07	3.31E-09	1.06E-11	1.74E-06	6.24E-09	1.95E-09	3.81E-17	1.01E-09	2.69E-12	1.89E-12	2.96E-11	1.85E-11	1.10E-10	1.75E-12	3.99E-11	5.45E-09	5.04E-10	6.49E-09
1197	SR_236	Sensitive Receptor	Commercial	Offsite	378.827	6368.073	1.84E-08	3.34E-08	1.15E-07	2.87E-09	9.97E-12	1.51E-06	5.89E-09	1.84E-09	3.60E-17	9.55E-10	2.54E-12	1.79E-12	2.80E-11	1.74E-11	1.04E-10	1.65E-12	3.77E-11	5.14E-09	4.76E-10	6.13E-09

AQIA DATA - SCENARIO 1 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							1.62E-07	3.13E-07	1.05E-06	5.68E-08	8.79E-11	2.69E-05	5.19E-08	1.62E-08	3.17E-16	8.41E-09	2.24E-11	1.59E-11	2.46E-10	1.54E-10	9.18E-10	1.46E-11	3.31E-10	4.53E-08	4.19E-09	5.40E-08
Receptor ID of Maximum Offsite Concentration / Deposition Rate							NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837
Coordinates of Maximum Offsite Concentration/ Deposition Rate						X	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464
						Y	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607
1198	SR_237	Sensitive Receptor	Commercial	Offsite	378.885	6367.927	1.91E-08	3.57E-08	1.22E-07	3.72E-09	1.04E-11	1.93E-06	6.13E-09	1.91E-09	3.74E-17	9.94E-10	2.64E-12	1.86E-12	2.91E-11	1.81E-11	1.09E-10	1.72E-12	3.92E-11	5.35E-09	4.95E-10	6.38E-09
1199	SR_238	Sensitive Receptor	Commercial	Offsite	378.806	6367.885	1.62E-08	3.07E-08	1.06E-07	3.44E-09	8.82E-12	1.76E-06	5.21E-09	1.63E-09	3.18E-17	8.45E-10	2.24E-12	1.58E-12	2.48E-11	1.54E-11	9.23E-11	1.46E-12	3.33E-11	4.55E-09	4.21E-10	5.42E-09
1200	SR_239	Sensitive Receptor	Commercial	Offsite	378.751	6367.935	1.50E-08	2.81E-08	9.68E-08	3.01E-09	8.13E-12	1.54E-06	4.81E-09	1.50E-09	2.93E-17	7.79E-10	2.07E-12	1.46E-12	2.28E-11	1.42E-11	8.51E-11	1.35E-12	3.07E-11	4.19E-09	3.88E-10	5.00E-09
1201	SR_240	Sensitive Receptor	Commercial	Offsite	378.717	6367.969	1.45E-08	2.70E-08	9.31E-08	2.78E-09	7.84E-12	1.43E-06	4.64E-09	1.45E-09	2.83E-17	7.52E-10	1.99E-12	1.41E-12	2.20E-11	1.37E-11	8.21E-11	1.30E-12	2.96E-11	4.05E-09	3.74E-10	4.82E-09
1202	SR_241	Sensitive Receptor	Commercial	Offsite	378.680	6368.002	1.40E-08	2.60E-08	8.98E-08	2.57E-09	7.58E-12	1.33E-06	4.48E-09	1.40E-09	2.74E-17	7.26E-10	1.93E-12	1.36E-12	2.13E-11	1.33E-11	7.93E-11	1.26E-12	2.86E-11	3.91E-09	3.62E-10	4.66E-09
1203	SR_242	Sensitive Receptor	Commercial	Offsite	378.651	6368.026	1.36E-08	2.53E-08	8.75E-08	2.42E-09	7.40E-12	1.27E-06	4.37E-09	1.37E-09	2.67E-17	7.09E-10	1.88E-12	1.33E-12	2.08E-11	1.29E-11	7.74E-11	1.23E-12	2.80E-11	3.82E-09	3.53E-10	4.55E-09
1204	SR_243	Sensitive Receptor	Commercial	Offsite	378.609	6368.052	1.31E-08	2.43E-08	8.40E-08	2.23E-09	7.11E-12	1.17E-06	4.21E-09	1.31E-09	2.57E-17	6.82E-10	1.81E-12	1.27E-12	2.00E-11	1.24E-11	7.44E-11	1.18E-12	2.69E-11	3.67E-09	3.40E-10	4.37E-09
1205	SR_244	Sensitive Receptor	Commercial	Offsite	378.562	6368.079	1.26E-08	2.32E-08	8.04E-08	2.04E-09	6.83E-12	1.08E-06	4.04E-09	1.26E-09	2.46E-17	6.54E-10	1.74E-12	1.22E-12	1.92E-11	1.19E-11	7.14E-11	1.13E-12	2.58E-11	3.52E-09	3.26E-10	4.20E-09
1206	SR_245	Sensitive Receptor	Commercial	Offsite	378.522	6368.107	1.23E-08	2.25E-08	7.81E-08	1.89E-09	6.64E-12	1.00E-06	3.93E-09	1.23E-09	2.40E-17	6.37E-10	1.69E-12	1.19E-12	1.87E-11	1.16E-11	6.95E-11	1.10E-12	2.51E-11	3.43E-09	3.17E-10	4.09E-09
1207	SR_246	Sensitive Receptor	Commercial	Offsite	378.485	6368.131	1.21E-08	2.20E-08	7.67E-08	1.78E-09	6.53E-12	9.46E-07	3.86E-09	1.21E-09	2.36E-17	6.26E-10	1.66E-12	1.17E-12	1.83E-11	1.14E-11	6.84E-11	1.08E-12	2.47E-11	3.37E-09	3.12E-10	4.02E-09
1208	SR_247	Sensitive Receptor	Commercial	Offsite	378.426	6368.163	1.18E-08	2.14E-08	7.51E-08	1.62E-09	6.38E-12	8.71E-07	3.77E-09	1.18E-09	2.30E-17	6.11E-10	1.62E-12	1.14E-12	1.79E-11	1.12E-11	6.68E-11	1.06E-12	2.41E-11	3.29E-09	3.05E-10	3.92E-09
1209	SR_248	Sensitive Receptor	Commercial	Offsite	378.706	6367.825	1.35E-08	2.58E-08	8.92E-08	3.04E-09	7.33E-12	1.54E-06	4.33E-09	1.35E-09	2.65E-17	7.03E-10	1.87E-12	1.31E-12	2.06E-11	1.28E-11	7.67E-11	1.21E-12	2.77E-11	3.78E-09	3.50E-10	4.51E-09
1210	SR_249	Sensitive Receptor	Commercial	Offsite	378.648	6367.866	1.25E-08	2.38E-08	8.26E-08	2.69E-09	6.80E-12	1.37E-06	4.02E-09	1.25E-09	2.45E-17	6.52E-10	1.73E-12	1.22E-12	1.91E-11	1.19E-11	7.12E-11	1.13E-12	2.57E-11	3.51E-09	3.25E-10	4.18E-09
1211	SR_250	Sensitive Receptor	Commercial	Offsite	378.609	6367.896	1.21E-08	2.29E-08	7.94E-08	2.48E-09	6.55E-12	1.28E-06	3.87E-09	1.21E-09	2.36E-17	6.28E-10	1.67E-12	1.17E-12	1.84E-11	1.15E-11	6.86E-11	1.09E-12	2.47E-11	3.38E-09	3.13E-10	4.03E-09
1212	SR_251	Sensitive Receptor	Commercial	Offsite	378.585	6367.921	1.18E-08	2.23E-08	7.75E-08	2.35E-09	6.41E-12	1.22E-06	3.79E-09	1.18E-09	2.31E-17	6.15E-10	1.63E-12	1.15E-12	1.80E-11	1.12E-11	6.71E-11	1.06E-12	2.42E-11	3.31E-09	3.06E-10	3.94E-09
1213	SR_252	Sensitive Receptor	Commercial	Offsite	378.554	6367.945	1.15E-08	2.17E-08	7.55E-08	2.22E-09	6.26E-12	1.16E-06	3.70E-09	1.16E-09	2.26E-17	6.00E-10	1.59E-12	1.12E-12	1.76E-11	1.09E-11	6.55E-11	1.04E-12	2.37E-11	3.23E-09	2.99E-10	3.85E-09
1214	SR_253	Sensitive Receptor	Commercial	Offsite	378.502	6367.981	1.11E-08	2.08E-08	7.24E-08	2.01E-09	6.03E-12	1.06E-06	3.56E-09	1.11E-09	2.17E-17	5.78E-10	1.53E-12	1.08E-12	1.69E-11	1.05E-11	6.31E-11	9.98E-13	2.28E-11	3.11E-09	2.88E-10	3.71E-09
1215	SR_254	Sensitive Receptor	Commercial	Offsite	378.422	6367.937	1.01E-08	1.89E-08	6.61E-08	1.83E-09	5.45E-12	9.76E-07	3.22E-09	1.00E-09	1.97E-17	5.22E-10	1.38E-12	9.75E-13	1.53E-11	9.52E-12	5.70E-11	9.02E-13	2.06E-11	2.81E-09	2.60E-10	3.35E-09
1216	SR_255	Sensitive Receptor	Commercial	Offsite	378.460	6367.909	1.03E-08	1.94E-08	6.79E-08	1.96E-09	5.58E-12	1.04E-06	3.30E-09	1.03E-09	2.01E-17	5.35E-10	1.42E-12	9.99E-13	1.57E-11	9.75E-12	5.84E-11	9.24E-13	2.11E-11	2.88E-09	2.66E-10	3.43E-09
1217	SR_256	Sensitive Receptor	Commercial	Offsite	378.501	6367.879	1.06E-08	2.00E-08	6.99E-08	2.11E-09	5.73E-12	1.11E-06	3.39E-09	1.06E-09	2.07E-17	5.49E-10	1.46E-12	1.03E-12	1.61E-11	1.00E-11	6.00E-11	9.50E-13	2.17E-11	2.96E-09	2.74E-10	3.52E-09
1218	SR_257	Sensitive Receptor	Commercial	Offsite	378.536	6367.846	1.09E-08	2.07E-08	7.24E-08	2.27E-09	5.91E-12	1.18E-06	3.49E-09	1.09E-09	2.13E-17	5.66E-10	1.50E-12	1.06E-12	1.66E-11	1.03E-11	6.18E-11	9.79E-13	2.23E-11	3.05E-09	2.82E-10	3.63E-09
1219	SR_258	Sensitive Receptor	Commercial	Offsite	378.569	6367.806	1.12E-08	2.15E-08	7.50E-08	2.45E-09	6.09E-12	1.27E-06	3.60E-09	1.12E-09	2.20E-17	5.84E-10	1.55E-12	1.09E-12	1.71E-11	1.07E-11	6.38E-11	1.01E-12	2.30E-11	3.14E-09	2.91E-10	3.75E-09
1220	SR_259	Sensitive Receptor	Commercial	Offsite	378.637	6367.804	1.23E-08	2.35E-08	8.15E-08	2.75E-09	6.65E-12	1.41E-06	3.93E-09	1.23E-09	2.40E-17	6.37E-10	1.69E-12	1.19E-12	1.87E-11	1.16E-11	6.95E-11	1.10E-12	2.51E-11	3.43E-09	3.17E-10	4.09E-09
1221	SR_260	Sensitive Receptor	Commercial	Offsite	378.485	6367.804	1.02E-08	1.95E-08	6.82E-08	2.12E-09	5.53E-12	1.12E-06	3.27E-09	1.02E-09	2.00E-17	5.30E-10	1.41E-12	9.90E-13	1.55E-11	9.67E-12	5.79E-11	9.16E-13	2.09E-11	2.85E-09	2.64E-10	3.40E-09
1222	SR_261	Sensitive Receptor	Commercial	Offsite	378.452	6367.770	9.84E-09	1.88E-08	6.61E-08	2.04E-09	5.33E-12	1.09E-06	3.15E-09	9.83E-10	1.92E-17	5.11E-10	1.36E-12	9.54E-13	1.50E-11	9.32E-12	5.58E-11	8.83E-13	2.01E-11	2.75E-09	2.55E-10	3.28E-09
1223	SR_262	Sensitive Receptor	Commercial	Offsite	378.397	6367.821	9.40E-09	1.79E-08	6.27E-08	1.83E-09	5.09E-12	9.91E-07	3.01E-09	9.39E-10	1.84E-17	4.88E-10	1.29E-12	9.11E-13	1.43E-11	8.90E-12	5.33E-11	8.43E-13	1.92E-11	2.63E-09	2.43E-10	3.13E-09
1224	SR_263	Sensitive Receptor	Commercial	Offsite	378.331	6367.882	9.05E-09	1.70E-08	6.00E-08	1.62E-09	4.90E-12	8.85E-07	2.89E-09	9.03E-10	1.77E-17	4.69E-10	1.25E-12	8.76E-13	1.37E-11	8.56E-12	5.12E-11	8.11E-13	1.85E-11	2.53E-09	2.34E-10	3.01E-09
1225	SR_264	Sensitive Receptor	Commercial	Offsite	378.242	6368.021	9.26E-09	1.71E-08	6.07E-08	1.36E-09	5.01E-12	7.59E-07	2.96E-09	9.23E-10	1.81E-17	4.80E-10	1.27E-12	8.96E-13	1.40E-11	8.75E-12	5.24E-11	8.29E-13	1.89E-11	2.58E-09	2.39E-10	3.08E-09
1226	SR_265	Sensitive Receptor	Commercial	Offsite	378.195	6368.099	9.65E-09	1.76E-08	6.34E-08	1.23E-09	5.21E-12	7.02E-07	3.08E-09	9.62E-10	1.88E-17	5.00E-10	1.33E-12	9.34E-13	1.46E-11	9.12E-12	5.46E-11	8.64E-13	1.97E-11	2.69E-09	2.49E-10	3.21E-09
1227	SR_266	Sensitive Receptor	Commercial	Offsite	378.346	6368.095	1.05E-08	1.92E-08	6.76E-08	1.52E-09	5.67E-12	8.23E-07	3.35E-09	1.05E-09	2.04E-17	5.43E-10	1.44E-12	1.01E-12	1.59E-11	9.90E-12	5.93E-11	9.39E-13	2.14E-11	2.92E-09	2.70E-10	3.48E-09
1228	SR_267	Sensitive Receptor	Commercial	Offsite	377.340	6365.871	3.48E-09	5.85E-09	2.43E-08	3.35E-10	1.68E-12	2.68E-07	9.92E-10	3.09E-10	6.05E-18	1.61E-10	4.31E-13	3.09E-13	4.71E-12	2.94E-12	1.75E-11	2.78E-13	6.33E-12	8.65E-10	8.00E-11	1.03E-09
1229	SR_268	Sensitive Receptor	Commercial	Offsite	377.340	6365.806	3.34E-09	5.62E-09	2.36E-08	3.14E-10	1.62E-12	2.58E-07	9.54E-10	2.98E-10	5.82E-18	1.55E-10	4.14E-13	2.97E-13	4.53E-12	2.83E-12	1.69E-11	2.68E-13	6.09E-12	8.33E-10	7.70E-11	9.92E-10
1230	SR_269	Sensitive Receptor	Commercial	Offsite	379.950	6370.344	8.02E-09	1.48E-08	6.11E-08	5.67E-10	4.34E-12	1.78E-07	2.57E-09	8.01E-10	1.57E-17	4.16E-10	1.10E-12	7.73E-13	1.22E-11	7.58E-12	4.54E-11	7.19E-13	1.64E-11	2.24E-09	2.07E-10	2.67E-09
1231	SR_270	Sensitive Receptor	Commercial	Offsite	376.746	6366.522	2.77E-09	5.23E-09	2.12E-08	3.36E-10	1.46E-12	2.38E-07	8.60E-10	2.68E-10	5.25E-18	1.40E-10	3.72E-13	2.64E-13	4.08E-12	2.55E-12	1.52E-11	2.41E-13	5.49E-12	7.51E-10	6.94E-11	8.95E-10
1232	SR_271	Sensitive Receptor	Residential	Offsite	378.837	6368.740	3.14E-08	5.73E-08	2.32E-07	2.04E-09	1.70E-11	9.14E-07	1.01E-08	3.14E-09	6.14E-17	1.63E-09	4.33E-12	3.05E-12	4.77E-11	2.97E-11	1.78E-10	2.82E-12	6.42E-11	8.77E-09	8.12E-10	1.05E-08
1233	SR_272	Sensitive Receptor	Residential	Offsite	378.134	6368.193	1.03E-08	1.87E-08	6.91E-08	1.10E-09	5.58E-12	6.38E-07	3.30E-09	1.03E-09	2.01E-17	5.35E-10	1.42E-12	9.99E-13	1.57E-11	9.76E-12	5.84E-11	9.25E-13	2.11E-11	2.88E-09	2.66E-10	3.43E-09
1234	SR_273	Sensitive Receptor	Residential	Offsite	378.115	6367.996	8.48E-09	1.56E-08	5.63E-08	1.13E-09	4.58E-12	6.66E-07	2.71E-09	8.44E-10	1.65E-17	4.39E-10	1.16E-12	8.20E-13	1.28E-11	8.00E-12	4.79E-11	7.59E-13	1.73E-11	2.36E-09	2.19E-10	2.81E-09
1235	SR_274	Sensitive Receptor	Residential	Offsite	378.143	6367.950	8.31E-09	1.54E-08	5.51E-08	1.19E-09	4.48E-12	6.96E-07	2.65E-09	8.27E-10	1.62E-17	4.30E-10	1.14E-12	8.03E-13	1.26E-11	7.84E-12	4.69E-11	7.43E-13	1.69E-11	2.31E-09	2.14E-10	2.76E-09
1236	SR_275	Sensitive Receptor	Residential	Offsite	378.169	6367.907	8.20E-09	1.52E-08	5.44E-08	1.25E-09	4.42E-12	7.25E-07	2.62E-09	8.16E-10	1.60E-17	4.24E-10	1.13E-12	7.92E-13	1.24E-11	7.74E-12	4.63E-11	7.33E-13	1.67E-11	2.28E-09	2.11E-10	2.72E-09
1237	SR_276	Sensitive Receptor	Residential	Offsite	378.185	6367.877	8.15E-09	1.52E-08	5.42E-08	1.30E-09	4.40E-12	7.47E-07	2.60E-09	8.12E-10	1.59E-17	4.22E-10	1.12E-12	7.88E-13	1.24E-11	7.69E-12	4.61E-11	7.29E-13	1.66E-11	2.27E-09	2.10E-10	2.71E-09
1238	SR_277	Sensitive Receptor	Residential	Offsite	378.200	6367.850	8.12E-09	1.52E-08	5.41E-08	1.33E-09	4.38E-12	7.65E-07	2.59E-09	8.08E-10	1.58E-17	4.20E-10	1.11E-12	7.84E-13	1.23E-11	7.66E-12	4.58E-11	7.26E-13	1.66E-11	2.26E-09	2.09E-10	2.69E-09
1239	SR_278	Sensitive Receptor	Residential	Offsite	378.097	6367.941	8.06E-09	1.49E-08	5.36E-08	1.11E-09	4.34E-12	6.65E-07	2.57E-09	8.02E-10	1.57E-17	4.16E-10	1.11E-12	7.78E-13	1.22E-11	7.60E-12	4.55E-11	7.20E-13	1.64E-11	2.24E-09	2.07E-10	2.67E-09
1240	SR_279	Sensitive Receptor	Residential	Offsite	378.081	6367.889	7.70E-09	1.42E-08	5.14E-08	1.09E-09	4.15E-12	6.59E-07	2.45E-09	7.65E-10	1.50E-17	3.98E-10	1.05E-12	7.43E-13	1.16E-11	7.25E-12	4.34E-11	6.87E-13	1.57E-11	2.14E-09	1.98E-10	2.55E-09
1241	SR_280	Sensitive Receptor	Residential	Offsite	378.069	6367.843	7.41E-09	1.37E-08	4.95E-08	1.08E-09	3.98E-12	6.50E-07	2.36E-09	7.35E-10	1.44E-17	3.82E-10	1.01E-12	7.14E-13	1.12E-11	6.97E-12	4.17E-11	6.60E-13	1.51E-11	2.06E-09	1.90E-10	2.45E-09
1242	SR_281	Sensitive Receptor	Residential	Offsite	378.056	6367.797	7.17E-09	1.33E-08	4.80E-08	1.06E-09	3.85E-12	6.45E-07	2.28E-09	7.10E-10	1.39E-17	3.69E-10	9.80E-13	6.90E-13	1.08E-11	6.73E-12	4.03E-11	6.38E-13	1.45E-11	1.99E-09	1.84E-10	2.37E-09
1243	SR_282	Sensitive Receptor	Residential	Offsite	378.122	6367.917	8.03E-09	1.49E-08	5.34E-08	1.16E-09	4.33E-12	6.86E-07	2.56E-09	7.99E-10	1.56E-17	4.15E-10	1.10E-12	7.76E-13	1.22E-11	7.57E-12	4.53E-11	7.18E-13	1.64E-11	2.23E-09	2.07E-10	2.66E-09
1244	SR_283	Sensitive Receptor	Residential	Offsite	378.110	6367.883	7.79E-09	1.44E-08	5.19E-08	1.15E-09	4.20E-12	6.80E-07	2.48E-09	7.74E-10	1.51E-17	4.02E-10	1.07E-12	7.52E-13	1.18E-11	7.34E-12	4.39E-11	6.96E-13	1.59E-11	2.17E-09	2.00E-10	2.58E-09
1245	SR_284	Sensitive Receptor	Residential	Offsite	378.098	6367.845	7.55E-09	1.40E-08	5.04E-08	1.12E-09	4.06E-12	6.71E-07	2.40E-09	7.49E-10	1.47E-17	3.89E-10	1.03E-12	7.28E-13	1.14E-11	7.10E-12	4.25E-11	6.73E-13	1.53E-11	2.10E-09	1.94E-10	2.50E-09
1246	SR_285	Sensitive Receptor	Residential	Offsite	378.087	6367.803	7.33E-09	1.36E-08	4.91E-08	1.11E-09	3.94E-12	6.67E-07	2.33E-09	7.27E-10	1.42E-17	3.78E-10	1.00E-12	7.06E-13	1.11E-11	6.89E-12	4.12E-11	6.53E-13	1.49E-11	2.03E-09	1.88E-10	2.42E-09
1247	SR_286	Sensitive Receptor	Residential	Offsite	378.145	6367.872	7.91E-09	1.47E-08	5.27E-08	1.21E-09	4.27E-12	7.10E-07	2.52E-09	7.87E-10	1.54E-17	4.09E-10	1.08E-12	7.64E-13	1.20E-11	7.46E-12	4.46E-11	7.07E-13	1.61E-11	2.20E-09	2.04E-10	2.62E-09
1248	SR_287	Sensitive Receptor	Residential	Offsite	378.132	6367.836	7.69E-09	1.43E-08	5.13E-08	1.19E-09	4.14E-12	7.03E-07	2.45E-09	7.64E-10	1.49E-17	3.97E-10	1.05E-12	7.42E-13	1.16E-11	7.24E-12	4.33E-11	6.86E-13	1.56E-11	2.14E-09	1.98E-10	2.55E-09
1249	SR_288	Sensitive Receptor	Residential	Offsite	378.122	6367.798	7.51E-09	1.40E-08	5.03E-08	1.18E-09	4.04E-12	7.02E-07	2.39E-09	7.46E-10	1.46E-17	3.87E-10	1.03E-12	7.24E-13	1.13E-11	7.07E-12	4.23E-11	6.70E-13	1.53E-11	2.09E-09	1.93E-10	2.49E-09
1250	SR_289	Sensitive Receptor	Residential	Offsite	378.165	6367.846	7.91E-09	1.48E-08	5.28E-08	1.26E-09	4.27E-12	7.33E-07	2.52E-09	7.87E-10	1.54E-17	4.09E-10	1.09E-12	7.64E-13	1.20E-11	7.46E-12	4.46E-11	7.07E-13	1.61E-11	2.20E-09	2.04E-10	2.62E-09
1251	SR_290	Sensitive Receptor	Residential	Offsite	378.155	6367.814	7.73E-09	1.44E-08	5.17E-08	1.24E-09	4.16E-12	7.27E-07	2.46E-09	7.68E-10	1.50E-17	3.99E-10	1.06E-12	7.46E-13	1.17E-11	7.28E-12	4.36E-11	6.90E-13	1.57E-11	2.15E-09	1.99E-10	2.56E-09
1252	SR_291	Sensitive Receptor	Residential	Offsite	378.145	6367.779	7.57E-09	1.42E-08	5.08E-08	1.22E-09	4.08E-12	7.25E-07	2.41E-09	7.52E-10	1.47E-17	3.91E-10	1.04E-12	7.30E-13	1.14E-11	7.13E-12	4.27E-11	6.76E-13	1.54E-11	2.10E-09	1.95E-10	2.51E-09
1253	SR_292	Sensitive Receptor	Residential	Offsite	378.131	6367.743	7.41E-09	1.39E-08	4.98E-08	1.20E-09	3.98E-12	7.17E-07	2.35E-09	7.35E-10	1.44E-17	3.82E-10	1.01E-12	7.13E-13	1.12E-11	6.96E-12	4.17E-11	6.60E-13	1.50E-11	2.05E-09	1.90E-10	2.45E-09
1254	SR_293	Sensitive Receptor	Residential	Offsite	378.180	6367.783	7.77E-09	1.46E-08	5.21E-08	1.30E-09	4.19E-12	7.55E-07	2.48E-09	7.73E-10	1.51E-17	4.02E-10	1.07E-12	7.50E-13	1.18E-11	7.32E-12	4.38E-11	6.94E-13	1.58E-11	2.16E-09	2.00E-10	2.58E-09
1255	SR_294	Sensitive Receptor	Residential	Offsite	378.169	6367.748	7.61E-09	1.43E-08	5.11E-08	1.27E-09	4.10E-12	7.47E-07	2.42E-09	7.56E-10	1.48E-17	3.93E-10	1.04E-12	7.33E-13	1.15E-11	7.16E-12	4.29E-11	6.79E-13	1.55E-11	2.11E-09	1.96E-10	2.52E-09
1256	SR_295	Sensitive Receptor	Residential	Offsite	378.204	6367.755	7.84E-09	1.48E-08	5.27E-08	1.35E-09	4.23E-12	7.83E-07	2.50E-09	7.80E-10	1.53E-17	4.05E-10	1.07E-12	7.57E-13	1.19E-11	7.39E-12	4.42E-11	7.00E-13	1.60E-11	2.18E-09	2.02E-10	2.60E-09
1257	SR_296	Sensitive Receptor	Residential	Offsite	378.195	6367.730	7.71E-09	1.45E-08	5.18E-08	1.33E-09	4.15E-12	7.72E-07	2.46E-09	7.66E-10	1.50E-17	3.98E-10	1.06E-12	7.44E-13	1.17E-11	7.26E-12	4.35E-11	6.88E-13	1.57E-11	2.14E-09	1.98E-10	2.55E-09
1258	SR_297	Sensitive Receptor	Residential	Offsite	378.221	6367.722	7.87E-09	1.48E-08	5.30E-08	1.38E-09	4.24E-12	8.02E-07	2.51E-09	7.82E-10	1.53E-17	4.06E-10	1.08E-12	7.59E-13	1.19E-11	7.41E-12	4.44E-11	7.03E-13	1.60E-11	2.19E-09	2.02E-10	2.61E-09
1259	SR_298	Sensitive Receptor	Residential	Offsite	381.618	6366.961	1.78E-08	3.57E-08	1.49E-07	2.64E-09	9.64E-12	1.15E-06	5.71E-09	1.78E-09	3.49E-17	9.25E-10	2.45E-12	1.71E-12	2.71E-11	1.69E-11	1.01E-10	1.60E-12	3.65E-11	4.98E-09	4.61E-10	5.94E-09
1260	SR_299	Sensitive Receptor	Residential	Offsite	379.929	6366.674	1.04E-08	1.98E-08	8.10E-08	9.50E-10	5.51E-12	1.03E-06	3.26E-09	1.02E-09	1.99E-17	5.29E-10	1.39E-12	9.71E-13	1.55E-11	9.63E-12	5.78E-11	9.13E-13	2.09E-11	2.85E-09	2.64E-10	3.39E-09
1261	SR_300	Sensitive Receptor	Residential	Offsite	379.964	6366.659	1.05E-08	2.00E-08	8.17E-08	9.69E-10	5.54E-12	1.02E-06	3.28E-09	1.02E-09	2.00E-17	5.32E-10	1.40E-12	9.76E-13	1.56E-11	9.69E-12	5.81E-11	9.19E-13	2.10E-11	2.87E-09	2.65E-10	3.41E-09
1262	SR_301	Sensitive Receptor	Residential	Offsite	379.914	6366.612	8.80E-09	1.62E-08	6.61E-08	7.58E-10	4.55E-12	8.44E-07	2.69E-09	8.41E-10	1.64E-17	4.36E-10	1.15E-12	8.02E-13	1.28E-11	7.95E-12	4.77E-11	7.54E-13	1.72E-11	2.35E-09	2.18E-10	2.80E-09
1263	SR_302	Sensitive Receptor	Residential	Offsite	379.954	6366.593	8.82E-09	1.62E-08	6.63E-08	7.67E-10	4.55E-12	8.36E-07	2.69E-09	8.41E-10	1.65E-17	4.37E-10	1.15E-12	8.02E-13	1.28E-11	7.95E-12	4.77E-11	7.54E-13	1.72E-11	2.35E-09	2.18E-10	2.80E-09
1264	SR_303	Sensitive Receptor	Residential	Offsite	377.335	6366.729	4.36E-09	5.40E-09	2.05E-08	4.89E-10	1.75E-12	3.28E-07	1.03E-09	3.23E-10	6.31E-18	1.68E-10	4.47E-13	3.18E-13	4.91E-12	3.06E-12	1.83E-11	2.90E-13	6.61E-12	9.03E-10	8.35E-11	1.08E-09
1265	SR_304	Sensitive Receptor	Residential	Offsite	377.341	6366.701	4.42E-09	5.47E-09	2.08E-08	4.94E-10	1.77E-12	3.31E-07	1.05E-09	3.26E-10	6.39E-18	1.70E-10	4.53E-13	3.22E-13	4.97E-12	3.10E-12	1.85E-11	2.94E-13	6.68E-12	9.13E-10	8.45E-11	1.09E-09
1266	SR_305	Sensitive Receptor	Residential	Offsite	377.348	6366.669	4.51E-09	5.57E-09	2.12E-08	5.02E-10	1.81E-12	3.36E-07	1.07E-09	3.33E-10	6.51E-18	1.73E-10	4.61E-13	3.28E-13	5.06E-12	3.16E-12	1.89E-11	2.99E-13	6.81E-12	9.30E-10	8.60E-11	1.11E-09
1267	SR_306	Sensitive Receptor	Residential	Offsite	377.354	6366.640	4.59E-09	5.67E-09	2.16E-08	5.08E-10	1.84E-12	3.41E-07	1.08E-09	3.38E-10	6.62E-18	1.76E-10	4.69E-13	3.34E-13	5.15E-12	3.21E-12	1.92E-11	3.04E-13	6.92E-12	9.46E-10	8.75E-11	1.13E-09
1268	SR_307	Sensitive Receptor	Residential	Offsite	377.357	6366.612	4.65E-09	5.79E-09	2.21E-08	5.14E-10	1.87E-12	3.46E-07	1.10E-09	3.44E-10	6.73E-18	1.79E-10	4.77E-13	3.40E-13	5.23E-12	3.27E-12	1.95E-11	3.09E-13	7.04E-12	9.62E-10	8.90E-11	1.15E-09
1269	SR_308	Sensitive Receptor	Residential	Offsite	377.359	6366.584	4.70E-09	5.91E-09	2.26E-08	5.20E-10	1.90E-12	3.51E-07	1.12E-09	3.49E-10	6.83E-18	1.82E-10	4.85E-13	3.46E-13	5.32E-12	3.32E-12	1.98E-11	3.14E-13	7.15E-12	9.77E-10	9.04E-11	1.16E-09
1270	SR_309	Sensitive Receptor	Residential	Offsite	377.356	6366.526	4.71E-09	6.16E-09	2.37E-08	5.25E-10	1.94E-12	3.54E-07	1.15E-09	3.57E-10	6.99E-18	1.86E-10	4.97E-13	3.54E-13	5.44E-12	3.40E-12	2.03E-11	3.22E-13	7.32E-12	1.00E-09	9.25E-11	1.19E-09
1271	SR_310	Sensitive Receptor	Residential	Offsite	377.355	6366.500	4.70E-09	6.26E-09	2.41E-08	5.25E-10	1.96E-12	3.55E-07	1.15E-09	3.60E-10	7.05E-18	1.87E-10	5.01E-13	3.57E-13	5.48E-12	3.42E-12	2.04E-11	3.24E-13	7.37E-12	1.01E-09	9.32E-11	1.20E-09
1272	SR_311	Sensitive Receptor	Residential	Offsite	377.355	6366.474	4.68E-09	6.34E-09	2.45E-08	5.24E-10	1.97E-12	3.54E-07	1.16E-09	3.62E-10	7.09E-18	1.88E-10	5.04E-13	3.60E-13	5.52E-12	3.44E-12	2.06E-11	3.26E-13	7.41E-12	1.01E-09	9.38E-11	1.21E-09
1273	SR_312	Sensitive Receptor	Residential	Offsite	377.353	6366.444	4.63E-09	6.43E-09	2.49E-08	5.21E-10	1.98E-12	3.52E-07	1.17E-09	3.64E-10	7.12E-18	1.89E-10	5.06E-13	3.61E-13	5.54E-12	3.46E-12	2.06E-11	3.27E-13	7.45E-12	1.02E-09	9.42E-11	1.21E-09
1274	SR_313	Sensitive Receptor	Residential	Offsite	377.352	6366.418	4.58E-09	6.50E-09	2.53E-08	5.17E-10	1.98E-12	3.49E-07	1.17E-09	3.65E-10	7.13E-18	1.90E-10	5.07E-13	3.62E-13	5.55E-12	3.47E-12	2.07E-11	3.28E-13	7.46E-12	1.02E-09	9.43E-11	1.22E-09
1275	SR_314	Sensitive Receptor	Residential	Offsite	377.352	6366.392	4.53E-09	6.55E-09	2.55E-08	5.12E-10	1.98E-12	3.46E-07	1.17E-09	3.65E-10	7.14E-18	1.90E-10	5.07E-13	3.63E-13	5.55E-12	3.47E-12	2.07E-11	3.28E-13	7.46E-12	1.02E-09	9.44E-11	1.22E-09
1276	SR_315	Sensitive Receptor	Residential	Offsite	377.352	6366.361	4.47E-09	6.60E-09	2.58E-08	5.05E-10	1.98E-12	3.42E-07	1.17E-09	3.65E-10	7.14E-18	1.90E-10	5.07E-13	3.63E-13	5.55E-12	3.47E-12	2.07E-11	3.28E-13	7.46E-12	1.02E-09	9.44E-11	1.22E-09
1277	SR_316	Sensitive Receptor	Residential	Offsite	377.355	6366.225	4.20E-09	6.77E-09	2.69E-08	4.70E-10	1.97E-12	3.30E-07	1.16E-09	3.62E-10	7.09E-18	1.88E-10	5.04E-13	3.61E-13	5.52E-12	3.45E-12	2.06E-11	3.26E-13	7.41E-12	1.01E-09	9.37E-11	1.21E-09
1278	SR_317	Sensitive Receptor	Residential	Offsite	377.357	6366.199	4.16E-09	6.77E-09	2.70E-08	4.62E-10	1.96E-12	3.27E-07	1.16E-09	3.61E-10	7.06E-18	1.88E-10	5.02E-13	3.60E-13	5.50E-12	3.43E-12	2.05E-11	3.25E-13	7.38E-12	1.01E-09	9.34E-11	1.20E-09
1279	SR_318	Sensitive Receptor	Residential	Offsite	377.358	6366.114	3.98E-09	6.66E-09	2.68E-08	4.30E-10	1.91E-12	3.14E-07	1.13E-09	3.52E-10	6.88E-18	1.83E-10	4.90E-13	3.51E-13	5.35E-12	3.34E-12	1.99E-11	3.16E-13	7.19E-12	9.84E-10	9.10E-11	1.17E-09
1280	SR_319	Sensitive Receptor	Residential	Offsite	377.359	6366.086	3.93E-09	6.59E-09	2.67E-08	4.20E-10	1.89E-12	3.10E-07	1.12E-09	3.48E-10	6.81E-18	1.81E-10	4.85E-13	3.47E-13	5.30E-12	3.31E-12	1.97E-11	3.13E-13	7.12E-12	9.74E-10	9.00E-11	1.16E-09

AQIA DATA - SCENARIO 1 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1281	SR_320	Sensitive Receptor	Residential	Offsite	377.415	6366.112	4.10E-09	6.66E-09	2.70E-08	4.27E-10	1.93E-12	3.25E-07	1.14E-09	3.55E-10	6.95E-18	1.85E-10	4.95E-13	3.54E-13	5.41E-12	3.38E-12	2.02E-11	3.20E-13	7.27E-12	9.94E-10	9.19E-11	1.18E-09
1282	SR_321	Sensitive Receptor	Residential	Offsite	377.424	6366.069	4.00E-09	6.54E-09	2.67E-08	4.08E-10	1.90E-12	3.17E-07	1.12E-09	3.48E-10	6.82E-18	1.81E-10	4.85E-13	3.48E-13	5.30E-12	3.31E-12	1.98E-11	3.13E-13	7.13E-12	9.74E-10	9.01E-11	1.16E-09
1283	SR_322	Sensitive Receptor	Residential	Offsite	377.490	6365.297	2.11E-09	3.69E-09	1.60E-08	1.83E-10	1.06E-12	1.64E-07	6.23E-10	1.94E-10	3.80E-18	1.01E-10	2.70E-13	1.94E-13	2.96E-12	1.85E-12	1.10E-11	1.75E-13	3.97E-12	5.43E-10	5.03E-11	6.48E-10
1284	SR_323	Sensitive Receptor	Residential	Offsite	377.501	6365.274	2.08E-09	3.61E-09	1.56E-08	1.79E-10	1.04E-12	1.60E-07	6.10E-10	1.90E-10	3.72E-18	9.90E-11	2.65E-13	1.90E-13	2.90E-12	1.81E-12	1.08E-11	1.71E-13	3.89E-12	5.33E-10	4.93E-11	6.35E-10
1285	SR_324	Sensitive Receptor	Residential	Offsite	377.517	6365.248	2.04E-09	3.52E-09	1.52E-08	1.75E-10	1.01E-12	1.56E-07	5.96E-10	1.86E-10	3.64E-18	9.68E-11	2.59E-13	1.86E-13	2.83E-12	1.77E-12	1.06E-11	1.67E-13	3.81E-12	5.20E-10	4.81E-11	6.20E-10
1286	SR_325	Sensitive Receptor	Residential	Offsite	377.545	6365.208	1.99E-09	3.39E-09	1.46E-08	1.69E-10	9.81E-13	1.52E-07	5.78E-10	1.80E-10	3.53E-18	9.37E-11	2.51E-13	1.80E-13	2.74E-12	1.71E-12	1.02E-11	1.62E-13	3.69E-12	5.04E-10	4.66E-11	6.01E-10
1287	SR_326	Sensitive Receptor	Residential	Offsite	377.560	6365.175	1.95E-09	3.29E-09	1.42E-08	1.65E-10	9.55E-13	1.47E-07	5.63E-10	1.76E-10	3.43E-18	9.13E-11	2.44E-13	1.75E-13	2.67E-12	1.67E-12	9.96E-12	1.58E-13	3.59E-12	4.91E-10	4.54E-11	5.85E-10
1288	SR_327	Sensitive Receptor	Residential	Offsite	377.551	6365.143	1.89E-09	3.23E-09	1.39E-08	1.61E-10	9.34E-13	1.42E-07	5.50E-10	1.72E-10	3.36E-18	8.93E-11	2.39E-13	1.71E-13	2.61E-12	1.63E-12	9.74E-12	1.54E-13	3.51E-12	4.80E-10	4.44E-11	5.72E-10
1289	SR_328	Sensitive Receptor	Residential	Offsite	377.584	6365.158	1.93E-09	3.24E-09	1.39E-08	1.63E-10	9.43E-13	1.46E-07	5.55E-10	1.73E-10	3.39E-18	9.01E-11	2.41E-13	1.73E-13	2.64E-12	1.65E-12	9.83E-12	1.56E-13	3.54E-12	4.85E-10	4.48E-11	5.77E-10
1290	SR_329	Sensitive Receptor	Residential	Offsite	377.571	6365.096	1.84E-09	3.11E-09	1.34E-08	1.56E-10	9.04E-13	1.37E-07	5.33E-10	1.66E-10	3.25E-18	8.64E-11	2.31E-13	1.66E-13	2.53E-12	1.58E-12	9.43E-12	1.50E-13	3.40E-12	4.65E-10	4.30E-11	5.54E-10
1291	SR_330	Sensitive Receptor	Residential	Offsite	377.612	6365.109	1.90E-09	3.14E-09	1.36E-08	1.59E-10	9.19E-13	1.44E-07	5.42E-10	1.69E-10	3.31E-18	8.79E-11	2.35E-13	1.68E-13	2.57E-12	1.61E-12	9.58E-12	1.52E-13	3.46E-12	4.73E-10	4.37E-11	5.63E-10
1292	SR_331	Sensitive Receptor	Residential	Offsite	377.578	6365.066	1.81E-09	3.05E-09	1.31E-08	1.53E-10	8.87E-13	1.34E-07	5.23E-10	1.63E-10	3.19E-18	8.48E-11	2.27E-13	1.63E-13	2.48E-12	1.55E-12	9.25E-12	1.47E-13	3.34E-12	4.56E-10	4.22E-11	5.44E-10
1293	SR_332	Sensitive Receptor	Residential	Offsite	377.621	6365.086	1.87E-09	3.09E-09	1.33E-08	1.57E-10	9.05E-13	1.42E-07	5.33E-10	1.66E-10	3.26E-18	8.65E-11	2.32E-13	1.66E-13	2.53E-12	1.58E-12	9.44E-12	1.50E-13	3.40E-12	4.65E-10	4.30E-11	5.55E-10
1294	SR_333	Sensitive Receptor	Residential	Offsite	377.604	6365.014	1.75E-09	2.94E-09	1.27E-08	1.48E-10	8.58E-13	1.29E-07	5.06E-10	1.58E-10	3.09E-18	8.20E-11	2.20E-13	1.57E-13	2.40E-12	1.50E-12	8.95E-12	1.42E-13	3.23E-12	4.41E-10	4.08E-11	5.26E-10
1295	SR_334	Sensitive Receptor	Residential	Offsite	377.637	6365.025	1.79E-09	2.95E-09	1.27E-08	1.50E-10	8.65E-13	1.33E-07	5.09E-10	1.59E-10	3.11E-18	8.27E-11	2.21E-13	1.58E-13	2.42E-12	1.51E-12	9.02E-12	1.43E-13	3.25E-12	4.45E-10	4.11E-11	5.30E-10
1296	SR_335	Sensitive Receptor	Residential	Offsite	377.670	6365.038	1.82E-09	2.95E-09	1.27E-08	1.51E-10	8.72E-13	1.37E-07	5.14E-10	1.60E-10	3.13E-18	8.33E-11	2.23E-13	1.60E-13	2.44E-12	1.52E-12	9.09E-12	1.44E-13	3.28E-12	4.48E-10	4.15E-11	5.34E-10
1297	SR_336	Sensitive Receptor	Residential	Offsite	377.685	6364.995	1.74E-09	2.82E-09	1.21E-08	1.44E-10	8.35E-13	1.28E-07	4.92E-10	1.53E-10	3.00E-18	7.98E-11	2.13E-13	1.53E-13	2.34E-12	1.46E-12	8.70E-12	1.38E-13	3.14E-12	4.29E-10	3.97E-11	5.11E-10
1298	SR_337	Sensitive Receptor	Residential	Offsite	377.707	6364.724	1.39E-09	2.36E-09	1.01E-08	1.16E-10	6.88E-13	9.41E-08	4.06E-10	1.27E-10	2.48E-18	6.58E-11	1.76E-13	1.26E-13	1.93E-12	1.20E-12	7.18E-12	1.14E-13	2.59E-12	3.54E-10	3.27E-11	4.22E-10
1299	SR_338	Sensitive Receptor	Residential	Offsite	377.738	6364.735	1.40E-09	2.35E-09	1.01E-08	1.16E-10	6.89E-13	9.51E-08	4.06E-10	1.27E-10	2.48E-18	6.58E-11	1.76E-13	1.26E-13	1.93E-12	1.20E-12	7.18E-12	1.14E-13	2.59E-12	3.54E-10	3.28E-11	4.22E-10
1300	SR_339	Sensitive Receptor	Residential	Offsite	377.769	6364.749	1.42E-09	2.34E-09	1.00E-08	1.16E-10	6.90E-13	9.63E-08	4.07E-10	1.27E-10	2.48E-18	6.60E-11	1.76E-13	1.26E-13	1.93E-12	1.21E-12	7.20E-12	1.14E-13	2.60E-12	3.55E-10	3.28E-11	4.23E-10
1301	SR_340	Sensitive Receptor	Residential	Offsite	377.799	6364.758	1.42E-09	2.33E-09	9.99E-09	1.16E-10	6.90E-13	9.71E-08	4.06E-10	1.27E-10	2.48E-18	6.59E-11	1.76E-13	1.26E-13	1.93E-12	1.21E-12	7.19E-12	1.14E-13	2.59E-12	3.55E-10	3.28E-11	4.23E-10
1302	SR_341	Sensitive Receptor	Residential	Offsite	377.830	6364.769	1.43E-09	2.33E-09	9.97E-09	1.16E-10	6.90E-13	9.79E-08	4.07E-10	1.27E-10	2.48E-18	6.60E-11	1.76E-13	1.26E-13	1.93E-12	1.21E-12	7.20E-12	1.14E-13	2.60E-12	3.55E-10	3.28E-11	4.23E-10
1303	SR_342	Sensitive Receptor	Residential	Offsite	377.857	6364.784	1.45E-09	2.33E-09	9.99E-09	1.17E-10	6.94E-13	9.94E-08	4.09E-10	1.28E-10	2.50E-18	6.64E-11	1.77E-13	1.27E-13	1.94E-12	1.21E-12	7.24E-12	1.15E-13	2.61E-12	3.57E-10	3.30E-11	4.25E-10
1304	SR_343	Sensitive Receptor	Residential	Offsite	380.055	6370.517	7.16E-09	1.32E-08	5.55E-08	5.06E-10	3.88E-12	1.59E-07	2.29E-09	7.16E-10	1.40E-17	3.72E-10	9.85E-13	6.91E-13	1.09E-11	6.78E-12	4.06E-11	6.43E-13	1.47E-11	2.00E-09	1.85E-10	2.39E-09
1305	NG_1	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.607	7.52E-09	1.14E-08	4.66E-08	6.25E-10	3.46E-12	7.12E-07	2.04E-09	6.35E-10	1.24E-17	3.30E-10	8.83E-13	6.31E-13	9.67E-12	6.04E-12	3.60E-11	5.72E-13	1.30E-11	1.78E-09	1.64E-10	2.12E-09
1306	NG_2	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.607	7.36E-09	1.13E-08	4.61E-08	6.13E-10	3.41E-12	7.02E-07	2.01E-09	6.27E-10	1.23E-17	3.26E-10	8.72E-13	6.23E-13	9.55E-12	5.96E-12	3.56E-11	5.64E-13	1.28E-11	1.75E-09	1.62E-10	2.09E-09
1307	NG_3	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.607	7.17E-09	1.11E-08	4.51E-08	5.97E-10	3.35E-12	6.85E-07	1.97E-09	6.15E-10	1.20E-17	3.20E-10	8.55E-13	6.11E-13	9.37E-12	5.85E-12	3.49E-11	5.54E-13	1.26E-11	1.72E-09	1.59E-10	2.05E-09
1308	NG_4	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.607	6.97E-09	1.09E-08	4.40E-08	5.78E-10	3.27E-12	6.64E-07	1.93E-09	6.01E-10	1.18E-17	3.12E-10	8.35E-13	5.96E-13	9.15E-12	5.71E-12	3.41E-11	5.40E-13	1.23E-11	1.68E-09	1.55E-10	2.00E-09
1309	NG_5	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.607	6.73E-09	1.05E-08	4.25E-08	5.56E-10	3.17E-12	6.37E-07	1.87E-09	5.83E-10	1.14E-17	3.03E-10	8.10E-13	5.78E-13	8.88E-12	5.54E-12	3.31E-11	5.25E-13	1.19E-11	1.63E-09	1.51E-10	1.94E-09
1310	NG_6	Nested Grid - 50m	Parks/ Recreation	Offsite	378.914	6366.607	6.50E-09	1.02E-08	4.09E-08	5.34E-10	3.07E-12	6.09E-07	1.81E-09	5.65E-10	1.11E-17	2.94E-10	7.85E-13	5.60E-13	8.61E-12	5.37E-12	3.21E-11	5.09E-13	1.16E-11	1.58E-09	1.46E-10	1.89E-09
1311	NG_7	Nested Grid - 50m	Parks/ Recreation	Offsite	378.964	6366.607	6.31E-09	9.96E-09	3.97E-08	5.15E-10	3.00E-12	5.87E-07	1.77E-09	5.51E-10	1.08E-17	2.87E-10	7.65E-13	5.46E-13	8.39E-12	5.24E-12	3.13E-11	4.96E-13	1.13E-11	1.54E-09	1.43E-10	1.84E-09
1312	NG_8	Nested Grid - 50m	Parks/ Recreation	Offsite	379.014	6366.607	6.14E-09	9.71E-09	3.85E-08	4.98E-10	2.92E-12	5.66E-07	1.72E-09	5.38E-10	1.05E-17	2.80E-10	7.46E-13	5.32E-13	8.19E-12	5.11E-12	3.05E-11	4.84E-13	1.10E-11	1.50E-09	1.39E-10	1.79E-09
1313	NG_9	Nested Grid - 50m	Parks/ Recreation	Offsite	379.064	6366.607	5.97E-09	9.49E-09	3.75E-08	4.81E-10	2.85E-12	5.46E-07	1.68E-09	5.25E-10	1.03E-17	2.73E-10	7.29E-13	5.19E-13	8.00E-12	4.99E-12	2.98E-11	4.72E-13	1.08E-11	1.47E-09	1.36E-10	1.75E-09
1314	NG_10	Nested Grid - 50m	Parks/ Recreation	Offsite	379.114	6366.607	5.79E-09	9.27E-09	3.65E-08	4.64E-10	2.79E-12	5.26E-07	1.64E-09	5.13E-10	1.00E-17	2.67E-10	7.11E-13	5.06E-13	7.80E-12	4.87E-12	2.91E-11	4.61E-13	1.05E-11	1.43E-09	1.33E-10	1.71E-09
1315	NG_11	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.607	5.64E-09	9.09E-09	3.57E-08	4.49E-10	2.73E-12	5.11E-07	1.61E-09	5.02E-10	9.81E-18	2.61E-10	6.95E-13	4.94E-13	7.64E-12	4.76E-12	2.85E-11	4.51E-13	1.03E-11	1.40E-09	1.30E-10	1.67E-09
1316	NG_12	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.607	5.49E-09	8.90E-09	3.49E-08	4.35E-10	2.66E-12	4.98E-07	1.57E-09	4.90E-10	9.60E-18	2.55E-10	6.80E-13	4.83E-13	7.47E-12	4.66E-12	2.78E-11	4.41E-13	1.00E-11	1.37E-09	1.27E-10	1.64E-09
1317	NG_13	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.607	5.34E-09	8.66E-09	3.39E-08	4.20E-10	2.59E-12	4.81E-07	1.53E-09	4.77E-10	9.34E-18	2.48E-10	6.61E-13	4.69E-13	7.26E-12	4.53E-12	2.71E-11	4.29E-13	9.77E-12	1.34E-09	1.24E-10	1.59E-09
1318	NG_14	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.607	5.19E-09	8.40E-09	3.28E-08	4.06E-10	2.52E-12	4.65E-07	1.49E-09	4.64E-10	9.07E-18	2.41E-10	6.42E-13	4.54E-13	7.06E-12	4.40E-12	2.63E-11	4.17E-13	9.50E-12	1.30E-09	1.20E-10	1.55E-09
1319	NG_15	Nested Grid - 50m	Parks/ Recreation	Offsite	379.364	6366.607	5.08E-09	8.20E-09	3.19E-08	3.95E-10	2.46E-12	4.53E-07	1.45E-09	4.53E-10	8.87E-18	2.36E-10	6.27E-13	4.43E-13	6.90E-12	4.30E-12	2.57E-11	4.07E-13	9.28E-12	1.27E-09	1.17E-10	1.51E-09
1320	NG_16	Nested Grid - 50m	Parks/ Recreation	Offsite	379.414	6366.607	5.02E-09	8.11E-09	3.15E-08	3.89E-10	2.43E-12	4.48E-07	1.44E-09	4.49E-10	8.78E-18	2.33E-10	6.19E-13	4.37E-13	6.83E-12	4.25E-12	2.54E-11	4.03E-13	9.19E-12	1.25E-09	1.16E-10	1.50E-09
1321	NG_17	Nested Grid - 50m	Parks/ Recreation	Offsite	379.464	6366.607	5.01E-09	8.13E-09	3.16E-08	3.88E-10	2.43E-12	4.49E-07	1.44E-09	4.49E-10	8.78E-18	2.33E-10	6.19E-13	4.36E-13	6.83E-12	4.25E-12	2.55E-11	4.03E-13	9.19E-12	1.26E-09	1.16E-10	1.50E-09
1322	NG_18	Nested Grid - 50m	Parks/ Recreation	Offsite	379.514	6366.607	5.08E-09	8.30E-09	3.23E-08	3.94E-10	2.48E-12	4.57E-07	1.46E-09	4.57E-10	8.94E-18	2.37E-10	6.30E-13	4.43E-13	6.95E-12	4.33E-12	2.59E-11	4.11E-13	9.36E-12	1.28E-09	1.18E-10	1.52E-09
1323	NG_19	Nested Grid - 50m	Parks/ Recreation	Offsite	379.564	6366.607	5.24E-09	8.63E-09	3.37E-08	4.08E-10	2.56E-12	4.74E-07	1.52E-09	4.73E-10	9.26E-18	2.46E-10	6.52E-13	4.57E-13	7.20E-12	4.48E-12	2.69E-11	4.25E-13	9.70E-12	1.32E-09	1.23E-10	1.58E-09
1324	NG_20	Nested Grid - 50m	Parks/ Recreation	Offsite	379.614	6366.607	5.55E-09	9.22E-09	3.62E-08	4.34E-10	2.72E-12	5.05E-07	1.61E-09	5.03E-10	9.84E-18	2.61E-10	6.92E-13	4.85E-13	7.65E-12	4.76E-12	2.85E-11	4.51E-13	1.03E-11	1.41E-09	1.30E-10	1.68E-09
1325	NG_21	Nested Grid - 50m	Parks/ Recreation	Offsite	379.664	6366.607	5.97E-09	1.00E-08	3.98E-08	4.71E-10	2.94E-12	5.49E-07	1.74E-09	5.44E-10	1.06E-17	2.82E-10	7.47E-13	5.23E-13	8.27E-12	5.15E-12	3.08E-11	4.88E-13	1.11E-11	1.52E-09	1.41E-10	1.81E-09
1326	NG_22	Nested Grid - 50m	Parks/ Recreation	Offsite	379.714	6366.607	6.50E-09	1.11E-08	4.43E-08	5.18E-10	3.22E-12	6.04E-07	1.91E-09	5.96E-10	1.17E-17	3.09E-10	8.18E-13	5.72E-13	9.06E-12	5.64E-12	3.38E-11	5.35E-13	1.22E-11	1.67E-09	1.54E-10	1.98E-09
1327	NG_23	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.607	7.02E-09	1.22E-08	4.90E-08	5.66E-10	3.51E-12	6.58E-07	2.08E-09	6.49E-10	1.27E-17	3.37E-10	8.91E-13	6.22E-13	9.87E-12	6.14E-12	3.68E-11	5.82E-13	1.33E-11	1.81E-09	1.68E-10	2.16E-09
1328	NG_24	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.607	7.55E-09	1.33E-08	5.40E-08	6.19E-10	3.81E-12	7.13E-07	2.26E-09	7.05E-10	1.38E-17	3.66E-10	9.67E-13	6.75E-13	1.07E-11	6.67E-12	4.00E-11	6.32E-13	1.44E-11	1.97E-09	1.82E-10	2.35E-09
1329	NG_25	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.607	8.10E-09	1.46E-08	5.93E-08	6.77E-10	4.13E-12	7.71E-07	2.45E-09	7.64E-10	1.50E-17	3.97E-10	1.05E-12	7.31E-13	1.16E-11	7.23E-12	4.34E-11	6.86E-13	1.57E-11	2.14E-09	1.98E-10	2.55E-09
1330	NG_26	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.607	8.69E-09	1.59E-08	6.50E-08	7.45E-10	4.48E-12	8.32E-07	2.65E-09	8.28E-10	1.62E-17	4.30E-10	1.13E-12	7.90E-13	1.26E-11	7.82E-12	4.69E-11	7.42E-13	1.70E-11	2.31E-09	2.14E-10	2.76E-09
1331	NG_27	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.607	9.27E-09	1.72E-08	7.05E-08	8.20E-10	4.81E-12	8.87E-07	2.85E-09	8.90E-10	1.74E-17	4.62E-10	1.22E-12	8.48E-13	1.35E-11	8.41E-12	5.05E-11	7.98E-13	1.82E-11	2.49E-09	2.30E-10	2.97E-09
1332	NG_28	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.607	9.90E-09	1.85E-08	7.62E-08	9.10E-10	5.17E-12	9.42E-07	3.06E-09	9.56E-10	1.87E-17	4.96E-10	1.31E-12	9.10E-13	1.45E-11	9.03E-12	5.42E-11	8.57E-13	1.96E-11	2.67E-09	2.47E-10	3.18E-09
1333	NG_29	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.607	1.07E-08	2.01E-08	8.29E-08	1.03E-09	5.58E-12	1.01E-06	3.31E-09	1.03E-09	2.02E-17	5.36E-10	1.41E-12	9.83E-13	1.57E-11	9.76E-12	5.86E-11	9.26E-13	2.12E-11	2.89E-09	2.67E-10	3.44E-09
1334	NG_30	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.607	1.15E-08	2.19E-08	9.03E-08	1.18E-09	6.05E-12	1.08E-06	3.59E-09	1.12E-09	2.19E-17	5.81E-10	1.53E-12	1.06E-12	1.70E-11	1.06E-11	6.35E-11	1.00E-12	2.29E-11	3.13E-09	2.90E-10	3.73E-09
1335	NG_31	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.607	1.25E-08	2.38E-08	9.83E-08	1.36E-09	6.56E-12	1.16E-06	3.89E-09	1.21E-09	2.37E-17	6.30E-10	1.66E-12	1.15E-12	1.84E-11	1.15E-11	6.88E-11	1.09E-12	2.49E-11	3.39E-09	3.14E-10	4.04E-09
1336	NG_32	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.607	1.35E-08	2.58E-08	1.07E-07	1.58E-09	7.08E-12	1.25E-06	4.20E-09	1.31E-09	2.56E-17	6.80E-10	1.79E-12	1.25E-12	1.99E-11	1.24E-11	7.43E-11	1.18E-12	2.69E-11	3.66E-09	3.39E-10	4.37E-09
1337	NG_33	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.607	1.45E-08	2.80E-08	1.16E-07	1.84E-09	7.66E-12	1.34E-06	4.54E-09	1.42E-09	2.77E-17	7.35E-10	1.94E-12	1.35E-12	2.15E-11	1.34E-11	8.03E-11	1.27E-12	2.90E-11	3.96E-09	3.67E-10	4.72E-09
1338	NG_34	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.607	1.57E-08	3.03E-08	1.25E-07	2.13E-09	8.25E-12	1.43E-06	4.89E-09	1.53E-09	2.98E-17	7.92E-10	2.09E-12	1.45E-12	2.32E-11	1.44E-11	8.65E-11	1.37E-12	3.13E-11	4.27E-09	3.95E-10	5.08E-09
1339	NG_35	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.607	1.67E-08	3.23E-08	1.33E-07	2.43E-09	8.79E-12	1.51E-06	5.21E-09	1.63E-09	3.18E-17	8.44E-10	2.23E-12	1.55E-12	2.47E-11	1.54E-11	9.22E-11	1.46E-12	3.33E-11	4.54E-09	4.21E-10	5.42E-09
1340	NG_36	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.607	1.76E-08	3.42E-08	1.40E-07	2.75E-09	9.28E-12	1.59E-06	5.50E-09	1.72E-09	3.36E-17	8.91E-10	2.35E-12	1.64E-12	2.61E-11	1.62E-11	9.74E-11	1.54E-12	3.52E-11	4.80E-09	4.44E-10	5.72E-09
1341	NG_37	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.607	1.84E-08	3.59E-08	1.47E-07	3.08E-09	9.71E-12	1.66E-06	5.76E-09	1.80E-09	3.51E-17	9.33E-10	2.46E-12	1.71E-12	2.73E-11	1.70E-11	1.02E-10	1.61E-12	3.68E-11	5.02E-09	4.65E-10	5.99E-09
1342	NG_38	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.607	1.89E-08	3.71E-08	1.50E-07	3.39E-09	1.00E-11	1.70E-06	5.93E-09	1.85E-09	3.62E-17	9.61E-10	2.54E-12	1.76E-12	2.81E-11	1.75E-11	1.05E-10	1.66E-12	3.79E-11	5.18E-09	4.79E-10	6.17E-09
1343	NG_39	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.607	1.93E-08	3.79E-08	1.52E-07	3.70E-09	1.02E-11	1.73E-06	6.05E-09	1.89E-09	3.69E-17	9.81E-10	2.59E-12	1.80E-12	2.87E-11	1.79E-11	1.07E-10	1.69E-12	3.87E-11	5.28E-09	4.89E-10	6.29E-09
1344	NG_40	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.607	1.94E-08	3.82E-08	1.52E-07	3.97E-09	1.03E-11	1.74E-06	6.09E-09	1.90E-09	3.72E-17	9.87E-10	2.60E-12	1.81E-12	2.89E-11	1.80E-11	1.08E-10	1.70E-12	3.89E-11	5.31E-09	4.92E-10	6.33E-09
1345	NG_41	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.607	1.94E-08	3.84E-08	1.51E-07	4.21E-09	1.03E-11	1.74E-06	6.10E-09	1.90E-09	3.73E-17	9.89E-10	2.61E-12	1.82E-12	2.90E-11	1.80E-11	1.08E-10	1.71E-12	3.90E-11	5.33E-09	4.93E-10	6.35E-09
1346	NG_42	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.657	7.94E-09	1.30E-08	5.29E-08	6.95E-10	3.82E-12	7.61E-07	2.25E-09	7.02E-10	1.37E-17	3.65E-10	9.77E-13	6.98E-13	1.07E-11	6.68E-12	3.99E-11	6.32E-13	1.44E-11	1.97E-09	1.82E-10	2.34E-09
1347	NG_43	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.657	7.79E-09	1.29E-08	5.22E-08	6.82E-10	3.77E-12	7.51E-07	2.22E-09	6.94E-10	1.36E-17	3.61E-10	9.65E-13	6.89E-13	1.06E-11	6.60E-12	3.94E-11	6.24E-13	1.42E-11	1.94E-09	1.80E-10	2.31E-09
1348	NG_44	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.657	7.63E-09	1.27E-08	5.13E-08	6.67E-10	3.72E-12	7.38E-07	2.19E-09	6.83E-10	1.34E-17	3.55E-10	9.50E-13	6.78E-13	1.04E-11	6.49E-12	3.88E-11	6.15E-13	1.40E-11	1.91E-09	1.77E-10	2.28E-09
1349	NG_45	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.657	7.41E-09	1.24E-08	4.99E-08	6.46E-10	3.63E-12	7.17E-07	2.14E-09	6.67E-10	1.31E-17	3.47E-10	9.27E-13	6.62E-13	1.02E-11	6.34E-12	3.78E-11	6.00E-13	1.36E-11	1.87E-09	1.73E-10	2.22E-09
1350	NG_46	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.657	7.16E-09	1.20E-08	4.81E-08	6.21E-10	3.52E-12	6.86E-07	2.07E-09	6.46E-10	1.26E-17	3.36E-10	8.98E-13	6.41E-13	9.84E-12	6.14E-12	3.67E-11	5.82E-13	1.32E-11	1.81E-09	1.67E-10	2.16E-09
1351	NG_47	Nested Grid - 50m	Parks/ Recreation	Offsite	378.914	6366.657	6.93E-09	1.16E-08	4.64E-08	5.98E-10	3.42E-12	6.59E-07	2.01E-09	6.28E-10	1.23E-17	3.27E-10	8.73E-13	6.22E-13	9.57E-12	5.97E-12	3.56E-11	5.65E-13	1.29E-11	1.76E-09	1.63E-10	2.09E-09
1352	NG_48	Nested Grid - 50m	Parks/ Recreation	Offsite	378.964	6366.657	6.77E-09	1.14E-08	4.52E-08	5.81E-10	3.34E-12	6.41E-07	1.97E-09	6.15E-10	1.20E-17	3.20E-10	8.54E-13	6.09E-13	9.37E-12	5.85E-12	3.49E-11	5.53E-13	1.26E-11	1.72E-09	1.59E-10	2.05E-09
1353	NG_49	Nested Grid - 50m	Parks/ Recreation	Offsite	379.014	6366.657	6.61E-09	1.11E-08	4.42E-08	5.64E-10	3.28E-12	6.25E-07	1.93E-09	6.03E-10	1.18E-17	3.14E-10	8.37E-13	5.97E-13	9.18E-12	5.73E-12	3.42E-11	5.42E-13	1.23E-11	1.69E-09	1.56E-10	2.01E-09
1354	NG_50	Nested Grid - 50m	Parks/ Recreation	Offsite	379.064	6366.657	6.43E-09	1.09E-08	4.29E-08	5.44E-10	3.20E-12	6.04E-07	1.89E-09	5.88E-10	1.15E-17	3.06E-10	8.16E-13	5.82E-13	8.96E-12	5.59E-12	3.34E-11	5.29E-13	1.20E-11	1.65E-09	1.52E-10	1.96E-09
1355	NG_51	Nested Grid - 50m	Parks/ Recreation	Offsite	379.114	6366.657	6.24E-09	1.06E-08	4.17E-08	5.24E-10	3.12E-12	5.83E-07	1.84E-09	5.73E-10	1.12E-17	2.98E-10	7.95E-13	5.66E-13	8.73E-12	5.45E-12	3.25E-11	5.16E-13	1.17E-11	1.60E-09	1.48E-10	1.91E-09
1356	NG_52	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.657	6.08E-09	1.04E-08	4.07E-08	5.07E-10	3.04E-12	5.66E-07	1.80E-09	5.60E-10	1.10E-17	2.91E-10	7.77E-13	5.52E-13	8.53E-12	5.32E-12	3.18E-11	5.04E-13	1.15E-11	1.57E-09	1.45E-10	1.87E-09
1357	NG_53	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.657	5.93E-09	1.01E-08	3.98E-08	4.92E-10	2.98E-12	5.53E-07	1.76E-09	5.48E-10	1.07E-17	2.85E-10	7.60E-13	5.40E-13	8.35E-12	5.21E-12	3.11E-11	4.93E-13	1.12E-11	1.53E-09	1.42E-10	1.83E-09
1358	NG_54	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.657	5.79E-09	9.92E-09	3.88E-08	4.77E-10	2.91E-12	5.40E-07	1.72E-09	5.36E-10	1.05E-17	2.79E-10	7.42E-13	5.27E-13	8.16E-12	5.09E-12	3.04E-11	4.82E-13	1.10E-11	1.50E-09	1.39E-10	1.79E-09
1359	NG_55	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.657	5.64E-09	9.64E-09	3.76E-08	4.62E-10	2.83E-12	5.23E-07	1.67E-09	5.22E-10	1.02E-17	2.71E-10	7.22E-13	5.11E-13	7.94E-12	4.95E-12	2.96E-11	4.69E-13	1.07E-11	1.46E-09	1.35E-10	1.74E-09
1360	NG_56	Nested Grid - 50m	Parks/ Recreation	Offsite	379.364	6366.657	5.52E-09	9.41E-09	3.66E-08	4.49E-10	2.77E-12	5.09E-07	1.63E-09	5.10E-10	9.98E-18	2.65E-10	7.05E-13	4.98E-13	7.76E-12	4.84E-12	2.89E-11	4.58E-13	1.04E-11	1.43E-09	1.32E-10	1.70E-09
1361	NG_57	Nested Grid - 50m	Parks/ Recreation	Offsite	379.414	6366.657	5.47E-09	9.33E-09	3.63E-08	4.44E-10	2.74E-12	5.06E-07	1.62E-09	5.06E-10	9.90E-18	2.63E-10	6.98E-13	4.93E-13	7.70E-12	4.80E-12	2.87E-11	4.54E-13	1.04E-11	1.41E-09	1.31E-10	1.69E-09
1362	NG_58	Nested Grid - 50m	Parks/ Recreation	Offsite	379.464	6366.657	5.52E-09	9.44E-09	3.68E-08	4.46E-10	2.77E-12	5.14E-07	1.64E-09	5.11E-10	9.99E-18	2.65E-10	7.04E-13	4.96E-13	7.77E-12	4.84E-12	2.90E-11	4.59E-13	1.05E-11	1.43E-09	1.32E-10	1.70E-09
1363	NG_59	Nested Grid - 50m	Parks/ Recreation	Offsite	379.514	6366.657	5.61E-09	9.64E-09	3.76E-08	4.54E-10	2.82E-12	5.24E-07	1.67E-09	5.21E-10	1.02E-17	2.70E-10	7.17E-13	5.04E-13	7.92E-12	4.93E-12	2.95E-11	4.67E-13	1.07E-11	1.46E-09	1.35E-10	1.73E-09

AQIA DATA - SCENARIO 1 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1364	NG_60	Nested Grid - 50m	Parks/ Recreation	Offsite	379.564	6366.657	5.79E-09	1.00E-08	3.91E-08	4.69E-10	2.92E-12	5.40E-07	1.73E-09	5.39E-10	1.05E-17	2.80E-10	7.41E-13	5.20E-13	8.19E-12	5.10E-12	3.05E-11	4.84E-13	1.10E-11	1.51E-09	1.39E-10	1.80E-09
1365	NG_61	Nested Grid - 50m	Parks/ Recreation	Offsite	379.614	6366.657	6.13E-09	1.07E-08	4.20E-08	5.00E-10	3.10E-12	5.75E-07	1.83E-09	5.72E-10	1.12E-17	2.97E-10	7.87E-13	5.51E-13	8.71E-12	5.42E-12	3.25E-11	5.14E-13	1.17E-11	1.60E-09	1.48E-10	1.91E-09
1366	NG_62	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.657	6.67E-09	1.18E-08	4.66E-08	5.48E-10	3.39E-12	6.34E-07	2.00E-09	6.25E-10	1.22E-17	3.25E-10	8.59E-13	6.01E-13	9.51E-12	5.92E-12	3.55E-11	5.61E-13	1.28E-11	1.75E-09	1.62E-10	2.08E-09
1367	NG_63	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.657	7.31E-09	1.30E-08	5.22E-08	6.06E-10	3.73E-12	7.03E-07	2.21E-09	6.89E-10	1.35E-17	3.58E-10	9.46E-13	6.61E-13	1.05E-11	6.52E-12	3.91E-11	6.18E-13	1.41E-11	1.93E-09	1.78E-10	2.30E-09
1368	NG_64	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.657	7.87E-09	1.42E-08	5.73E-08	6.61E-10	4.04E-12	7.60E-07	2.39E-09	7.47E-10	1.46E-17	3.88E-10	1.03E-12	7.16E-13	1.14E-11	7.07E-12	4.24E-11	6.71E-13	1.53E-11	2.09E-09	1.93E-10	2.49E-09
1369	NG_65	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.657	8.44E-09	1.55E-08	6.25E-08	7.18E-10	4.36E-12	8.15E-07	2.59E-09	8.07E-10	1.58E-17	4.19E-10	1.11E-12	7.72E-13	1.23E-11	7.63E-12	4.58E-11	7.24E-13	1.65E-11	2.26E-09	2.09E-10	2.69E-09
1370	NG_66	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.657	9.11E-09	1.69E-08	6.88E-08	7.89E-10	4.74E-12	8.86E-07	2.81E-09	8.77E-10	1.72E-17	4.55E-10	1.20E-12	8.38E-13	1.33E-11	8.29E-12	4.97E-11	7.87E-13	1.80E-11	2.45E-09	2.27E-10	2.92E-09
1371	NG_67	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.657	9.81E-09	1.84E-08	7.53E-08	8.73E-10	5.14E-12	9.59E-07	3.04E-09	9.50E-10	1.86E-17	4.93E-10	1.30E-12	9.06E-13	1.45E-11	8.99E-12	5.39E-11	8.53E-13	1.95E-11	2.66E-09	2.46E-10	3.17E-09
1372	NG_68	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.657	1.04E-08	1.98E-08	8.09E-08	9.60E-10	5.49E-12	1.01E-06	3.25E-09	1.02E-09	1.99E-17	5.27E-10	1.39E-12	9.68E-13	1.54E-11	9.60E-12	5.76E-11	9.11E-13	2.08E-11	2.84E-09	2.63E-10	3.39E-09
1373	NG_69	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.657	1.12E-08	2.13E-08	8.73E-08	1.07E-09	5.89E-12	1.07E-06	3.49E-09	1.09E-09	2.13E-17	5.66E-10	1.49E-12	1.04E-12	1.66E-11	1.03E-11	6.18E-11	9.78E-13	2.23E-11	3.05E-09	2.82E-10	3.63E-09
1374	NG_70	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.657	1.21E-08	2.32E-08	9.53E-08	1.23E-09	6.40E-12	1.16E-06	3.79E-09	1.18E-09	2.31E-17	6.14E-10	1.62E-12	1.13E-12	1.80E-11	1.12E-11	6.71E-11	1.06E-12	2.42E-11	3.31E-09	3.06E-10	3.94E-09
1375	NG_71	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.657	1.31E-08	2.54E-08	1.04E-07	1.43E-09	6.96E-12	1.25E-06	4.12E-09	1.29E-09	2.52E-17	6.68E-10	1.76E-12	1.22E-12	1.96E-11	1.22E-11	7.30E-11	1.15E-12	2.64E-11	3.60E-09	3.33E-10	4.29E-09
1376	NG_72	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.657	1.42E-08	2.76E-08	1.13E-07	1.67E-09	7.55E-12	1.34E-06	4.48E-09	1.40E-09	2.73E-17	7.25E-10	1.91E-12	1.33E-12	2.12E-11	1.32E-11	7.92E-11	1.25E-12	2.86E-11	3.91E-09	3.62E-10	4.66E-09
1377	NG_73	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.657	1.54E-08	3.02E-08	1.24E-07	1.97E-09	8.22E-12	1.45E-06	4.87E-09	1.52E-09	2.97E-17	7.89E-10	2.08E-12	1.45E-12	2.31E-11	1.44E-11	8.62E-11	1.36E-12	3.12E-11	4.25E-09	3.94E-10	5.07E-09
1378	NG_74	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.657	1.67E-08	3.27E-08	1.34E-07	2.30E-09	8.88E-12	1.56E-06	5.26E-09	1.64E-09	3.21E-17	8.53E-10	2.25E-12	1.56E-12	2.50E-11	1.55E-11	9.32E-11	1.47E-12	3.37E-11	4.59E-09	4.25E-10	5.48E-09
1379	NG_75	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.657	1.78E-08	3.51E-08	1.44E-07	2.66E-09	9.51E-12	1.66E-06	5.63E-09	1.76E-09	3.44E-17	9.13E-10	2.41E-12	1.67E-12	2.67E-11	1.66E-11	9.98E-11	1.58E-12	3.60E-11	4.92E-09	4.55E-10	5.86E-09
1380	NG_76	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.657	1.89E-08	3.73E-08	1.52E-07	3.04E-09	1.01E-11	1.74E-06	5.96E-09	1.86E-09	3.64E-17	9.66E-10	2.55E-12	1.77E-12	2.83E-11	1.76E-11	1.06E-10	1.67E-12	3.81E-11	5.20E-09	4.82E-10	6.20E-09
1381	NG_77	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.657	1.98E-08	3.93E-08	1.60E-07	3.42E-09	1.06E-11	1.83E-06	6.27E-09	1.96E-09	3.83E-17	1.02E-09	2.68E-12	1.87E-12	2.98E-11	1.85E-11	1.11E-10	1.76E-12	4.01E-11	5.47E-09	5.06E-10	6.52E-09
1382	NG_78	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.657	2.05E-08	4.07E-08	1.65E-07	3.79E-09	1.09E-11	1.89E-06	6.48E-09	2.02E-09	3.96E-17	1.05E-09	2.77E-12	1.93E-12	3.08E-11	1.91E-11	1.15E-10	1.81E-12	4.14E-11	5.66E-09	5.23E-10	6.74E-09
1383	NG_79	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.657	2.10E-08	4.18E-08	1.68E-07	4.15E-09	1.12E-11	1.94E-06	6.65E-09	2.08E-09	4.06E-17	1.08E-09	2.84E-12	1.98E-12	3.16E-11	1.96E-11	1.18E-10	1.86E-12	4.25E-11	5.81E-09	5.37E-10	6.92E-09
1384	NG_80	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.657	2.12E-08	4.23E-08	1.69E-07	4.48E-09	1.13E-11	1.96E-06	6.72E-09	2.10E-09	4.10E-17	1.09E-09	2.87E-12	2.00E-12	3.19E-11	1.98E-11	1.19E-10	1.88E-12	4.30E-11	5.86E-09	5.43E-10	6.99E-09
1385	NG_81	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.657	2.10E-08	4.20E-08	1.66E-07	4.74E-09	1.12E-11	1.94E-06	6.66E-09	2.08E-09	4.07E-17	1.08E-09	2.85E-12	1.98E-12	3.16E-11	1.97E-11	1.18E-10	1.86E-12	4.26E-11	5.81E-09	5.38E-10	6.93E-09
1386	NG_82	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.657	2.08E-08	4.17E-08	1.63E-07	4.97E-09	1.12E-11	1.92E-06	6.61E-09	2.06E-09	4.04E-17	1.07E-09	2.83E-12	1.97E-12	3.14E-11	1.95E-11	1.17E-10	1.85E-12	4.23E-11	5.77E-09	5.34E-10	6.88E-09
1387	NG_83	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.707	8.49E-09	1.47E-08	5.98E-08	7.80E-10	4.24E-12	8.24E-07	2.50E-09	7.79E-10	1.52E-17	4.05E-10	1.08E-12	7.74E-13	1.19E-11	7.40E-12	4.42E-11	7.01E-13	1.59E-11	2.18E-09	2.02E-10	2.60E-09
1388	NG_84	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.707	8.38E-09	1.46E-08	5.93E-08	7.70E-10	4.21E-12	8.20E-07	2.48E-09	7.73E-10	1.51E-17	4.02E-10	1.08E-12	7.68E-13	1.18E-11	7.35E-12	4.39E-11	6.96E-13	1.58E-11	2.16E-09	2.00E-10	2.58E-09
1389	NG_85	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.707	8.21E-09	1.44E-08	5.81E-08	7.53E-10	4.14E-12	8.05E-07	2.44E-09	7.61E-10	1.49E-17	3.96E-10	1.06E-12	7.55E-13	1.16E-11	7.23E-12	4.32E-11	6.84E-13	1.56E-11	2.13E-09	1.97E-10	2.54E-09
1390	NG_86	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.707	7.98E-09	1.40E-08	5.64E-08	7.29E-10	4.03E-12	7.80E-07	2.38E-09	7.42E-10	1.45E-17	3.86E-10	1.03E-12	7.36E-13	1.13E-11	7.05E-12	4.21E-11	6.67E-13	1.52E-11	2.08E-09	1.92E-10	2.47E-09
1391	NG_87	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.707	7.76E-09	1.36E-08	5.46E-08	7.06E-10	3.93E-12	7.56E-07	2.32E-09	7.23E-10	1.42E-17	3.76E-10	1.01E-12	7.17E-13	1.10E-11	6.88E-12	4.10E-11	6.51E-13	1.48E-11	2.02E-09	1.87E-10	2.41E-09
1392	NG_88	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.707	7.55E-09	1.33E-08	5.30E-08	6.83E-10	3.84E-12	7.32E-07	2.26E-09	7.06E-10	1.38E-17	3.67E-10	9.80E-13	6.99E-13	1.07E-11	6.71E-12	4.00E-11	6.35E-13	1.44E-11	1.97E-09	1.83E-10	2.35E-09
1393	NG_89	Nested Grid - 50m	Parks/ Recreation	Offsite	378.964	6366.707	7.38E-09	1.30E-08	5.17E-08	6.64E-10	3.76E-12	7.16E-07	2.22E-09	6.92E-10	1.35E-17	3.60E-10	9.61E-13	6.85E-13	1.05E-11	6.58E-12	3.93E-11	6.23E-13	1.42E-11	1.94E-09	1.79E-10	2.31E-09
1394	NG_90	Nested Grid - 50m	Parks/ Recreation	Offsite	379.014	6366.707	7.19E-09	1.27E-08	5.02E-08	6.42E-10	3.67E-12	6.94E-07	2.17E-09	6.76E-10	1.32E-17	3.51E-10	9.38E-13	6.69E-13	1.03E-11	6.42E-12	3.83E-11	6.08E-13	1.38E-11	1.89E-09	1.75E-10	2.25E-09
1395	NG_91	Nested Grid - 50m	Parks/ Recreation	Offsite	379.064	6366.707	7.00E-09	1.24E-08	4.88E-08	6.20E-10	3.59E-12	6.73E-07	2.11E-09	6.60E-10	1.29E-17	3.43E-10	9.15E-13	6.52E-13	1.00E-11	6.27E-12	3.74E-11	5.93E-13	1.35E-11	1.85E-09	1.71E-10	2.20E-09
1396	NG_92	Nested Grid - 50m	Parks/ Recreation	Offsite	379.114	6366.707	6.79E-09	1.20E-08	4.72E-08	5.97E-10	3.49E-12	6.48E-07	2.06E-09	6.42E-10	1.26E-17	3.34E-10	8.90E-13	6.34E-13	9.77E-12	6.09E-12	3.64E-11	5.77E-13	1.31E-11	1.79E-09	1.66E-10	2.14E-09
1397	NG_93	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.707	6.63E-09	1.18E-08	4.62E-08	5.78E-10	3.41E-12	6.33E-07	2.01E-09	6.28E-10	1.23E-17	3.27E-10	8.71E-13	6.20E-13	9.56E-12	5.97E-12	3.56E-11	5.65E-13	1.29E-11	1.76E-09	1.63E-10	2.09E-09
1398	NG_94	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.707	6.49E-09	1.16E-08	4.52E-08	5.61E-10	3.35E-12	6.20E-07	1.97E-09	6.16E-10	1.21E-17	3.20E-10	8.54E-13	6.07E-13	9.37E-12	5.85E-12	3.49E-11	5.54E-13	1.26E-11	1.72E-09	1.59E-10	2.05E-09
1399	NG_95	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.707	6.34E-09	1.13E-08	4.41E-08	5.44E-10	3.27E-12	6.05E-07	1.93E-09	6.02E-10	1.18E-17	3.13E-10	8.34E-13	5.92E-13	9.17E-12	5.72E-12	3.42E-11	5.41E-13	1.23E-11	1.68E-09	1.56E-10	2.01E-09
1400	NG_96	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.707	6.16E-09	1.10E-08	4.27E-08	5.26E-10	3.18E-12	5.85E-07	1.88E-09	5.85E-10	1.15E-17	3.04E-10	8.10E-13	5.74E-13	8.91E-12	5.55E-12	3.32E-11	5.26E-13	1.20E-11	1.64E-09	1.51E-10	1.95E-09
1401	NG_97	Nested Grid - 50m	Parks/ Recreation	Offsite	379.364	6366.707	6.05E-09	1.07E-08	4.18E-08	5.13E-10	3.11E-12	5.73E-07	1.84E-09	5.74E-10	1.12E-17	2.98E-10	7.93E-13	5.61E-13	8.73E-12	5.44E-12	3.26E-11	5.16E-13	1.17E-11	1.61E-09	1.49E-10	1.91E-09
1402	NG_98	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.707	6.01E-09	1.07E-08	4.15E-08	5.07E-10	3.09E-12	5.72E-07	1.83E-09	5.70E-10	1.12E-17	2.96E-10	7.88E-13	5.56E-13	8.68E-12	5.41E-12	3.24E-11	5.12E-13	1.17E-11	1.60E-09	1.48E-10	1.90E-09
1403	NG_99	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.707	6.05E-09	1.08E-08	4.19E-08	5.08E-10	3.11E-12	5.77E-07	1.84E-09	5.74E-10	1.12E-17	2.98E-10	7.92E-13	5.58E-13	8.73E-12	5.44E-12	3.26E-11	5.16E-13	1.18E-11	1.61E-09	1.49E-10	1.91E-09
1404	NG_100	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.707	6.14E-09	1.10E-08	4.26E-08	5.15E-10	3.16E-12	5.86E-07	1.87E-09	5.84E-10	1.14E-17	3.03E-10	8.04E-13	5.65E-13	8.88E-12	5.53E-12	3.31E-11	5.24E-13	1.20E-11	1.63E-09	1.51E-10	1.94E-09
1405	NG_101	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.707	6.37E-09	1.14E-08	4.46E-08	5.35E-10	3.29E-12	6.08E-07	1.94E-09	6.07E-10	1.19E-17	3.15E-10	8.35E-13	5.86E-13	9.23E-12	5.75E-12	3.44E-11	5.45E-13	1.24E-11	1.70E-09	1.57E-10	2.02E-09
1406	NG_102	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.707	6.81E-09	1.23E-08	4.83E-08	5.75E-10	3.52E-12	6.55E-07	2.09E-09	6.51E-10	1.27E-17	3.38E-10	8.95E-13	6.27E-13	9.90E-12	6.16E-12	3.69E-11	5.84E-13	1.33E-11	1.82E-09	1.68E-10	2.17E-09
1407	NG_103	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.707	7.39E-09	1.35E-08	5.33E-08	6.30E-10	3.84E-12	7.17E-07	2.27E-09	7.09E-10	1.39E-17	3.68E-10	9.74E-13	6.81E-13	1.08E-11	6.71E-12	4.02E-11	6.36E-13	1.45E-11	1.98E-09	1.84E-10	2.36E-09
1408	NG_104	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.707	8.11E-09	1.50E-08	5.95E-08	6.97E-10	4.23E-12	7.94E-07	2.50E-09	7.81E-10	1.53E-17	4.06E-10	1.07E-12	7.49E-13	1.19E-11	7.39E-12	4.43E-11	7.01E-13	1.60E-11	2.18E-09	2.02E-10	2.60E-09
1409	NG_105	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.707	8.80E-09	1.64E-08	6.56E-08	7.64E-10	4.61E-12	8.64E-07	2.73E-09	8.51E-10	1.67E-17	4.42E-10	1.17E-12	8.16E-13	1.30E-11	8.05E-12	4.83E-11	7.64E-13	1.74E-11	2.38E-09	2.20E-10	2.84E-09
1410	NG_106	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.707	9.51E-09	1.79E-08	7.20E-08	8.36E-10	5.00E-12	9.36E-07	2.96E-09	9.24E-10	1.81E-17	4.80E-10	1.27E-12	8.84E-13	1.41E-11	8.74E-12	5.24E-11	8.29E-13	1.89E-11	2.59E-09	2.39E-10	3.08E-09
1411	NG_107	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.707	1.02E-08	1.94E-08	7.86E-08	9.17E-10	5.40E-12	1.01E-06	3.20E-09	9.99E-10	1.95E-17	5.19E-10	1.37E-12	9.54E-13	1.52E-11	9.45E-12	5.67E-11	8.96E-13	2.05E-11	2.79E-09	2.59E-10	3.33E-09
1412	NG_108	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.707	1.11E-08	2.12E-08	8.61E-08	1.02E-09	5.86E-12	1.09E-06	3.48E-09	1.08E-09	2.12E-17	5.63E-10	1.49E-12	1.03E-12	1.65E-11	1.03E-11	6.15E-11	9.73E-13	2.22E-11	3.03E-09	2.81E-10	3.61E-09
1413	NG_109	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.707	1.18E-08	2.28E-08	9.29E-08	1.13E-09	6.29E-12	1.16E-06	3.73E-09	1.16E-09	2.28E-17	6.04E-10	1.59E-12	1.11E-12	1.77E-11	1.10E-11	6.60E-11	1.04E-12	2.38E-11	3.25E-09	3.01E-10	3.88E-09
1414	NG_110	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.707	1.27E-08	2.46E-08	1.00E-07	1.28E-09	6.76E-12	1.23E-06	4.01E-09	1.25E-09	2.45E-17	6.50E-10	1.71E-12	1.19E-12	1.90E-11	1.18E-11	7.10E-11	1.12E-12	2.56E-11	3.50E-09	3.24E-10	4.17E-09
1415	NG_111	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.707	1.37E-08	2.68E-08	1.09E-07	1.48E-09	7.33E-12	1.32E-06	4.35E-09	1.36E-09	2.65E-17	7.04E-10	1.86E-12	1.29E-12	2.06E-11	1.28E-11	7.70E-11	1.22E-12	2.78E-11	3.79E-09	3.51E-10	4.52E-09
1416	NG_112	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.707	1.50E-08	2.93E-08	1.20E-07	1.75E-09	8.00E-12	1.43E-06	4.74E-09	1.48E-09	2.90E-17	7.68E-10	2.03E-12	1.41E-12	2.25E-11	1.40E-11	8.39E-11	1.33E-12	3.03E-11	4.14E-09	3.83E-10	4.93E-09
1417	NG_113	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.707	1.63E-08	3.21E-08	1.31E-07	2.08E-09	8.72E-12	1.55E-06	5.17E-09	1.61E-09	3.16E-17	8.37E-10	2.21E-12	1.54E-12	2.45E-11	1.52E-11	9.15E-11	1.45E-12	3.31E-11	4.51E-09	4.18E-10	5.38E-09
1418	NG_114	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.707	1.78E-08	3.51E-08	1.43E-07	2.47E-09	9.51E-12	1.68E-06	5.64E-09	1.76E-09	3.44E-17	9.13E-10	2.41E-12	1.67E-12	2.68E-11	1.66E-11	9.98E-11	1.58E-12	3.61E-11	4.92E-09	4.55E-10	5.86E-09
1419	NG_115	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.707	1.92E-08	3.81E-08	1.55E-07	2.91E-09	1.03E-11	1.82E-06	6.10E-09	1.90E-09	3.72E-17	9.88E-10	2.61E-12	1.81E-12	2.89E-11	1.80E-11	1.08E-10	1.71E-12	3.90E-11	5.32E-09	4.92E-10	6.34E-09
1420	NG_116	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.707	2.04E-08	4.06E-08	1.65E-07	3.36E-09	1.09E-11	1.92E-06	6.48E-09	2.02E-09	3.96E-17	1.05E-09	2.77E-12	1.93E-12	3.08E-11	1.91E-11	1.15E-10	1.81E-12	4.14E-11	5.66E-09	5.23E-10	6.74E-09
1421	NG_117	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.707	2.14E-08	4.28E-08	1.73E-07	3.81E-09	1.15E-11	2.02E-06	6.82E-09	2.13E-09	4.16E-17	1.10E-09	2.91E-12	2.03E-12	3.24E-11	2.01E-11	1.21E-10	1.91E-12	4.36E-11	5.95E-09	5.51E-10	7.09E-09
1422	NG_118	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.707	2.23E-08	4.46E-08	1.80E-07	4.25E-09	1.20E-11	2.10E-06	7.09E-09	2.21E-09	4.33E-17	1.15E-09	3.03E-12	2.11E-12	3.36E-11	2.09E-11	1.25E-10	1.98E-12	4.53E-11	6.19E-09	5.73E-10	7.37E-09
1423	NG_119	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.707	2.28E-08	4.56E-08	1.83E-07	4.65E-09	1.22E-11	2.14E-06	7.24E-09	2.26E-09	4.42E-17	1.17E-09	3.10E-12	2.15E-12	3.44E-11	2.14E-11	1.28E-10	2.03E-12	4.63E-11	6.32E-09	5.85E-10	7.53E-09
1424	NG_120	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.707	2.31E-08	4.64E-08	1.85E-07	5.04E-09	1.24E-11	2.18E-06	7.35E-09	2.29E-09	4.49E-17	1.19E-09	3.14E-12	2.19E-12	3.49E-11	2.17E-11	1.30E-10	2.06E-12	4.70E-11	6.42E-09	5.94E-10	7.65E-09
1425	NG_121	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.707	2.32E-08	4.67E-08	1.85E-07	5.38E-09	1.25E-11	2.20E-06	7.38E-09	2.30E-09	4.51E-17	1.20E-09	3.16E-12	2.20E-12	3.50E-11	2.18E-11	1.31E-10	2.07E-12	4.72E-11	6.45E-09	5.97E-10	7.68E-09
1426	NG_122	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.707	2.28E-08	4.59E-08	1.80E-07	5.63E-09	1.23E-11	2.16E-06	7.26E-09	2.27E-09	4.43E-17	1.18E-09	3.10E-12	2.16E-12	3.45E-11	2.14E-11	1.29E-10	2.03E-12	4.64E-11	6.34E-09	5.86E-10	7.55E-09
1427	NG_123	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.707	2.22E-08	4.48E-08	1.74E-07	5.81E-09	1.20E-11	2.10E-06	7.09E-09	2.21E-09	4.33E-17	1.15E-09	3.03E-12	2.11E-12	3.36E-11	2.09E-11	1.25E-10	1.98E-12	4.53E-11	6.19E-09	5.72E-10	7.37E-09
1428	NG_124	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.757	9.09E-09	1.64E-08	6.64E-08	8.74E-10	4.66E-12	8.88E-07	2.75E-09	8.57E-10	1.68E-17	4.46E-10	1.19E-12	8.51E-13	1.30E-11	8.14E-12	4.86E-11	7.71E-13	1.75E-11	2.40E-09	2.22E-10	2.86E-09
1429	NG_125	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.757	9.05E-09	1.64E-08	6.63E-08	8.70E-10	4.66E-12	8.92E-07	2.75E-09	8.56E-10	1.68E-17	4.45E-10	1.19E-12	8.51E-13	1.30E-11	8.14E-12	4.86E-11	7.70E-13	1.75E-11	2.40E-09	2.22E-10	2.85E-09
1430	NG_126	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.757	8.93E-09	1.62E-08	6.54E-08	8.58E-10	4.61E-12	8.85E-07	2.72E-09	8.48E-10	1.66E-17	4.41E-10	1.18E-12	8.42E-13	1.29E-11	8.06E-12	4.81E-11	7.63E-13	1.73E-11	2.37E-09	2.19E-10	2.83E-09
1431	NG_127	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.757	8.74E-09	1.59E-08	6.39E-08	8.38E-10	4.53E-12	8.68E-07	2.67E-09	8.33E-10	1.63E-17	4.33E-10	1.16E-12	8.26E-13	1.27E-11	7.91E-12	4.72E-11	7.49E-13	1.70E-11	2.33E-09	2.15E-10	2.78E-09
1432	NG_128	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.757	8.54E-09	1.56E-08	6.22E-08	8.15E-10	4.43E-12	8.47E-07	2.61E-09	8.15E-10	1.60E-17	4.24E-10	1.13E-12	8.09E-13	1.24E-11	7.75E-12	4.63E-11	7.33E-13	1.67E-11	2.28E-09	2.11E-10	2.72E-09
1433	NG_129	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.757	8.36E-09	1.52E-08	6.07E-08	7.93E-10	4.35E-12	8.30E-07	2.56E-09	7.99E-10	1.56E-17	4.16E-10	1.11E-12	7.92E-13	1.22E-11	7.60E-12	4.54E-11	7.19E-13	1.64E-11	2.24E-09	2.07E-10	2.67E-09
1434	NG_130	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.757	8.17E-09	1.49E-08	5.92E-08	7.70E-10	4.26E-12	8.11E-07	2.51E-09	7.83E-10	1.53E-17	4.07E-10	1.09E-12	7.76E-13	1.19E-11	7.44E-12	4.44E-11	7.05E-13	1.60E-11	2.19E-09	2.03E-10	2.61E-09
1435	NG_131	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.757	7.94E-09	1.45E-08	5.72E-08	7.42E-10	4.14E-12	7.84E-07	2.44E-09	7.62E-10	1.49E-17	3.96E-10	1.06E-12	7.54E-13	1.16E-11	7.24E-12	4.32E-11	6.86E-13	1.56E-11	2.13E-09	1.97E-10	2.54E-09
1436	NG_132	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.757	7.73E-09	1.41E-08	5.55E-08	7.16E-10	4.04E-12	7.60E-07	2.38E-09	7.43E-10	1.45E-17	3.86E-10	1.03E-12	7.35E-13	1.13E-11	7.06E-12	4.22E-11	6.68E-13	1.52E-11	2.08E-09	1.92E-10	2.48E-09
1437	NG_133	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.757	7.51E-09	1.37E-08	5.38E-08	6.89E-10	3.93E-12	7.36E-07	2.32E-09	7.24E-10	1.42E-17	3.76E-10	1.00E-12	7.15E-13	1.10E-11	6.88E-12	4.11E-11	6.51E-13	1.48E-11	2.03E-09	1.87E-10	2.41E-09
1438	NG_134	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.757	7.34E-09	1.34E-08	5.25E-08	6.67E-10	3.85E-12	7.17E-07	2.27E-09	7.08E-10	1.39E-17	3.68E-10	9.82E-13	6.99E-13	1.08E-11	6.73E-12	4.02E-11	6.37E-13	1.45E-11	1.98E-09	1.83E-10	2.36E-09
1439	NG_135	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.757	7.17E-09	1.31E-08	5.12E-08	6.45E-10	3.76E-12	7.00E-07	2.22E-09	6.93E-10	1.36E-17	3.60E-10	9.60E-13	6.83E-13	1.05E-11	6.58E-12	3.93E-11	6.23E-13	1.42E-11	1.94E-09	1.79E-10	2.31E-09
1440	NG_136	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.757	7.02E-09	1.29E-08	5.01E-08	6.26E-10	3.69E-12	6.85E-07	2.18E-09	6.79E-10	1.33E-17	3.53E-10	9.40E-13	6.68E-13	1.03E-11	6.44E-12	3.85E-11	6.10E-13	1.39E-11	1.90E-09	1.76E-10	2.26E-09
1441	NG_137	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.757	6.83E-09	1.25E-08	4.86E-08	6.05E-10	3.59E-12	6.64E-07	2.12E-09	6.60E-10	1.29E-17	3.43E-10	9.14E-13	6.48E-13	1.01E-11	6.27E-12	3.75E-11	5.94E-13	1.35E-11	1.85E-09	1.71E-10	2.20E-09
1442	NG_138	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.757	6.68E-09	1.22E-08	4.73E-08	5.88E-10	3.50E-12	6.47E-07	2.07E-09	6.46E-10	1.26E-17	3.36E-10	8.93E-13	6.32E-13	9.83E-12	6.13E-12	3.66E-11	5.80E-13	1.32E-11	1.81E-09	1.67E-10	2.15E-09
1443	NG_139	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.757	6.60E-09	1.21E-08	4.67E-08	5.78E-10	3.46E-12	6.39E-07	2.04E-09	6.38E-10	1.25E-17	3.31E-10	8.81E-13	6.22E-13	9.71E-12	6.05E-12	3.62E-11	5.73E-13	1.31E-11	1.78E-09	1.65E-10	2.13E-09
1444	NG_140	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.757	6.61E-09	1.21E-08	4.68E-08	5.76E-10	3.47E-12	6.41E-07	2.05E-09	6.39E-10	1.25E-17	3.32E-10	8.82E-13	6.21E-13	9.73E-12	6.06E-12	3.63E-11	5.74E-13	1.31E-11	1.79E-09	1.65E-10	2.13E-09
1445	NG_141	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.757	6.72E-09	1.23E-08	4.76E-08	5.84E-10	3.52E-12	6.50E-07	2.08E-09	6.50E-10	1.27E-17	3.38E-10	8.95E-13	6.29E-13	9.89E-12	6.16E-12	3.69E-11	5.84E-13	1.33E-11	1.82E-09	1.68E-10	2.17E-09
1446	NG_142	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.757	6.98E-09	1.28E-08	4.98E-08	6.07E-10	3.66E-12	6.74E-07	2.17E-09	6.76E-10	1.32E-17	3.51E-10	9.30E-13	6.53E-13	1.03E-11	6.40E-12	3.83E-11	6.07E-13	1.38E-11	1.89E-09	1.75E-10	2.25E-09

AQIA DATA - SCENARIO 1 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							1.62E-07	3.13E-07	1.05E-06	5.68E-08	8.79E-11	2.69E-05	5.19E-08	1.62E-08	3.17E-16	8.41E-09	2.24E-11	1.59E-11	2.46E-10	1.54E-10	9.18E-10	1.46E-11	3.31E-10	4.53E-08	4.19E-09	5.40E-08
Receptor ID of Maximum Offsite Concentration / Deposition Rate							NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837
Coordinates of Maximum Offsite Concentration/ Deposition Rate						X	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464
						Y	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607
1447	NG_143	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.757	7.49E-09	1.39E-08	5.41E-08	6.54E-10	3.94E-12	7.29E-07	2.33E-09	7.27E-10	1.42E-17	3.78E-10	1.00E-12	7.00E-13	1.11E-11	6.89E-12	4.13E-11	6.53E-13	1.49E-11	2.03E-09	1.88E-10	2.42E-09
1448	NG_144	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.757	8.19E-09	1.53E-08	6.00E-08	7.20E-10	4.32E-12	8.04E-07	2.55E-09	7.97E-10	1.56E-17	4.14E-10	1.10E-12	7.66E-13	1.21E-11	7.54E-12	4.52E-11	7.16E-13	1.63E-11	2.23E-09	2.06E-10	2.66E-09
1449	NG_145	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.757	8.97E-09	1.69E-08	6.67E-08	7.95E-10	4.74E-12	8.86E-07	2.81E-09	8.76E-10	1.71E-17	4.55E-10	1.20E-12	8.41E-13	1.33E-11	8.29E-12	4.97E-11	7.87E-13	1.80E-11	2.45E-09	2.27E-10	2.92E-09
1450	NG_146	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.757	9.78E-09	1.86E-08	7.38E-08	8.75E-10	5.18E-12	9.69E-07	3.07E-09	9.58E-10	1.87E-17	4.98E-10	1.31E-12	9.17E-13	1.46E-11	9.06E-12	5.44E-11	8.60E-13	1.96E-11	2.68E-09	2.48E-10	3.19E-09
1451	NG_147	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.757	1.06E-08	2.03E-08	8.13E-08	9.63E-10	5.65E-12	1.06E-06	3.35E-09	1.05E-09	2.04E-17	5.43E-10	1.43E-12	9.99E-13	1.59E-11	9.88E-12	5.93E-11	9.38E-13	2.14E-11	2.92E-09	2.71E-10	3.48E-09
1452	NG_148	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.757	1.15E-08	2.21E-08	8.91E-08	1.06E-09	6.14E-12	1.15E-06	3.64E-09	1.13E-09	2.22E-17	5.89E-10	1.55E-12	1.08E-12	1.73E-11	1.07E-11	6.44E-11	1.02E-12	2.32E-11	3.17E-09	2.94E-10	3.78E-09
1453	NG_149	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.757	1.24E-08	2.41E-08	9.73E-08	1.19E-09	6.65E-12	1.24E-06	3.94E-09	1.23E-09	2.40E-17	6.38E-10	1.68E-12	1.17E-12	1.87E-11	1.16E-11	6.97E-11	1.10E-12	2.52E-11	3.44E-09	3.18E-10	4.10E-09
1454	NG_150	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.757	1.34E-08	2.61E-08	1.06E-07	1.34E-09	7.19E-12	1.33E-06	4.26E-09	1.33E-09	2.60E-17	6.91E-10	1.82E-12	1.27E-12	2.02E-11	1.26E-11	7.55E-11	1.19E-12	2.73E-11	3.72E-09	3.44E-10	4.43E-09
1455	NG_151	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.757	1.46E-08	2.85E-08	1.15E-07	1.55E-09	7.80E-12	1.42E-06	4.63E-09	1.44E-09	2.82E-17	7.50E-10	1.98E-12	1.37E-12	2.20E-11	1.36E-11	8.19E-11	1.30E-12	2.96E-11	4.04E-09	3.74E-10	4.81E-09
1456	NG_152	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.757	1.58E-08	3.12E-08	1.26E-07	1.82E-09	8.51E-12	1.54E-06	5.04E-09	1.57E-09	3.08E-17	8.17E-10	2.15E-12	1.50E-12	2.39E-11	1.49E-11	8.93E-11	1.41E-12	3.23E-11	4.40E-09	4.07E-10	5.25E-09
1457	NG_153	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.757	1.73E-08	3.42E-08	1.38E-07	2.18E-09	9.30E-12	1.67E-06	5.51E-09	1.72E-09	3.36E-17	8.93E-10	2.35E-12	1.64E-12	2.62E-11	1.63E-11	9.76E-11	1.54E-12	3.52E-11	4.81E-09	4.45E-10	5.73E-09
1458	NG_154	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.757	1.88E-08	3.73E-08	1.51E-07	2.61E-09	1.01E-11	1.80E-06	5.99E-09	1.87E-09	3.66E-17	9.71E-10	2.56E-12	1.78E-12	2.84E-11	1.77E-11	1.06E-10	1.68E-12	3.83E-11	5.23E-09	4.84E-10	6.23E-09
1459	NG_155	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.757	2.04E-08	4.07E-08	1.64E-07	3.13E-09	1.10E-11	1.96E-06	6.52E-09	2.03E-09	3.98E-17	1.06E-09	2.79E-12	1.94E-12	3.09E-11	1.92E-11	1.15E-10	1.82E-12	4.17E-11	5.69E-09	5.26E-10	6.78E-09
1460	NG_156	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.757	2.20E-08	4.40E-08	1.77E-07	3.69E-09	1.18E-11	2.11E-06	7.02E-09	2.19E-09	4.29E-17	1.14E-09	3.00E-12	2.09E-12	3.33E-11	2.07E-11	1.24E-10	1.97E-12	4.49E-11	6.13E-09	5.67E-10	7.30E-09
1461	NG_157	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.757	2.33E-08	4.68E-08	1.88E-07	4.26E-09	1.26E-11	2.24E-06	7.44E-09	2.32E-09	4.55E-17	1.21E-09	3.18E-12	2.21E-12	3.53E-11	2.20E-11	1.32E-10	2.08E-12	4.76E-11	6.50E-09	6.01E-10	7.74E-09
1462	NG_158	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.757	2.43E-08	4.89E-08	1.96E-07	4.80E-09	1.31E-11	2.34E-06	7.76E-09	2.42E-09	4.74E-17	1.26E-09	3.32E-12	2.31E-12	3.69E-11	2.29E-11	1.37E-10	2.17E-12	4.97E-11	6.78E-09	6.27E-10	8.08E-09
1463	NG_159	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.757	2.50E-08	5.04E-08	2.01E-07	5.29E-09	1.35E-11	2.41E-06	7.99E-09	2.49E-09	4.88E-17	1.29E-09	3.41E-12	2.38E-12	3.79E-11	2.36E-11	1.41E-10	2.24E-12	5.11E-11	6.97E-09	6.45E-10	8.31E-09
1464	NG_160	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.757	2.53E-08	5.10E-08	2.02E-07	5.71E-09	1.36E-11	2.44E-06	8.06E-09	2.52E-09	4.92E-17	1.31E-09	3.45E-12	2.40E-12	3.83E-11	2.38E-11	1.43E-10	2.26E-12	5.16E-11	7.04E-09	6.51E-10	8.39E-09
1465	NG_161	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.757	2.53E-08	5.12E-08	2.02E-07	6.09E-09	1.36E-11	2.45E-06	8.09E-09	2.52E-09	4.94E-17	1.31E-09	3.46E-12	2.41E-12	3.84E-11	2.39E-11	1.43E-10	2.26E-12	5.17E-11	7.06E-09	6.53E-10	8.41E-09
1466	NG_162	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.757	2.52E-08	5.10E-08	2.00E-07	6.41E-09	1.36E-11	2.45E-06	8.05E-09	2.51E-09	4.92E-17	1.30E-09	3.44E-12	2.40E-12	3.82E-11	2.38E-11	1.43E-10	2.25E-12	5.15E-11	7.03E-09	6.50E-10	8.37E-09
1467	NG_163	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.757	2.46E-08	4.98E-08	1.93E-07	6.63E-09	1.33E-11	2.39E-06	7.86E-09	2.45E-09	4.80E-17	1.27E-09	3.36E-12	2.34E-12	3.73E-11	2.32E-11	1.39E-10	2.20E-12	5.03E-11	6.86E-09	6.35E-10	8.18E-09
1468	NG_164	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.757	2.39E-08	4.84E-08	1.86E-07	6.77E-09	1.29E-11	2.32E-06	7.63E-09	2.38E-09	4.66E-17	1.24E-09	3.26E-12	2.27E-12	3.62E-11	2.25E-11	1.35E-10	2.14E-12	4.88E-11	6.66E-09	6.16E-10	7.94E-09
1469	NG_165	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.807	9.70E-09	1.80E-08	7.23E-08	9.74E-10	5.06E-12	9.47E-07	2.98E-09	9.31E-10	1.82E-17	4.84E-10	1.29E-12	9.25E-13	1.42E-11	8.85E-12	5.28E-11	8.37E-13	1.90E-11	2.60E-09	2.41E-10	3.10E-09
1470	NG_166	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.807	9.71E-09	1.81E-08	7.25E-08	9.77E-10	5.09E-12	9.56E-07	3.00E-09	9.35E-10	1.83E-17	4.86E-10	1.30E-12	9.29E-13	1.42E-11	8.89E-12	5.31E-11	8.41E-13	1.91E-11	2.62E-09	2.42E-10	3.12E-09
1471	NG_167	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.807	9.68E-09	1.81E-08	7.23E-08	9.74E-10	5.08E-12	9.61E-07	3.00E-09	9.34E-10	1.83E-17	4.86E-10	1.30E-12	9.28E-13	1.42E-11	8.88E-12	5.30E-11	8.41E-13	1.91E-11	2.61E-09	2.42E-10	3.12E-09
1472	NG_168	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.807	9.62E-09	1.80E-08	7.18E-08	9.67E-10	5.06E-12	9.64E-07	2.99E-09	9.31E-10	1.82E-17	4.84E-10	1.29E-12	9.24E-13	1.42E-11	8.85E-12	5.28E-11	8.38E-13	1.91E-11	2.61E-09	2.41E-10	3.10E-09
1473	NG_169	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.807	9.49E-09	1.77E-08	7.07E-08	9.50E-10	5.00E-12	9.56E-07	2.95E-09	9.20E-10	1.80E-17	4.78E-10	1.28E-12	9.13E-13	1.40E-11	8.74E-12	5.22E-11	8.28E-13	1.88E-11	2.57E-09	2.38E-10	3.07E-09
1474	NG_170	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.807	9.30E-09	1.74E-08	6.90E-08	9.26E-10	4.91E-12	9.38E-07	2.90E-09	9.03E-10	1.77E-17	4.70E-10	1.25E-12	8.95E-13	1.37E-11	8.58E-12	5.12E-11	8.12E-13	1.85E-11	2.53E-09	2.34E-10	3.01E-09
1475	NG_171	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.807	9.09E-09	1.70E-08	6.72E-08	8.99E-10	4.81E-12	9.18E-07	2.83E-09	8.84E-10	1.73E-17	4.60E-10	1.23E-12	8.76E-13	1.35E-11	8.40E-12	5.01E-11	7.95E-13	1.81E-11	2.47E-09	2.29E-10	2.95E-09
1476	NG_172	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.807	8.90E-09	1.66E-08	6.57E-08	8.73E-10	4.72E-12	9.03E-07	2.78E-09	8.67E-10	1.70E-17	4.51E-10	1.20E-12	8.59E-13	1.32E-11	8.24E-12	4.92E-11	7.80E-13	1.78E-11	2.43E-09	2.24E-10	2.89E-09
1477	NG_173	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.807	8.67E-09	1.62E-08	6.37E-08	8.42E-10	4.60E-12	8.78E-07	2.71E-09	8.46E-10	1.66E-17	4.40E-10	1.17E-12	8.37E-13	1.29E-11	8.04E-12	4.80E-11	7.61E-13	1.73E-11	2.37E-09	2.19E-10	2.82E-09
1478	NG_174	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.807	8.45E-09	1.58E-08	6.18E-08	8.11E-10	4.49E-12	8.53E-07	2.65E-09	8.26E-10	1.62E-17	4.29E-10	1.15E-12	8.16E-13	1.26E-11	7.84E-12	4.68E-11	7.43E-13	1.69E-11	2.31E-09	2.14E-10	2.75E-09
1479	NG_175	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.807	8.22E-09	1.53E-08	5.99E-08	7.80E-10	4.37E-12	8.25E-07	2.58E-09	8.04E-10	1.57E-17	4.18E-10	1.11E-12	7.93E-13	1.22E-11	7.63E-12	4.56E-11	7.23E-13	1.64E-11	2.25E-09	2.08E-10	2.68E-09
1480	NG_176	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.807	8.06E-09	1.50E-08	5.87E-08	7.56E-10	4.29E-12	8.10E-07	2.53E-09	7.89E-10	1.54E-17	4.10E-10	1.09E-12	7.78E-13	1.20E-11	7.49E-12	4.47E-11	7.09E-13	1.61E-11	2.21E-09	2.04E-10	2.63E-09
1481	NG_177	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.807	7.86E-09	1.47E-08	5.70E-08	7.30E-10	4.18E-12	7.87E-07	2.47E-09	7.69E-10	1.51E-17	4.00E-10	1.07E-12	7.57E-13	1.17E-11	7.30E-12	4.36E-11	6.92E-13	1.57E-11	2.15E-09	1.99E-10	2.56E-09
1482	NG_178	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.807	7.67E-09	1.43E-08	5.55E-08	7.06E-10	4.07E-12	7.65E-07	2.40E-09	7.50E-10	1.47E-17	3.90E-10	1.04E-12	7.37E-13	1.14E-11	7.12E-12	4.26E-11	6.75E-13	1.54E-11	2.10E-09	1.94E-10	2.50E-09
1483	NG_179	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.807	7.46E-09	1.39E-08	5.37E-08	6.83E-10	3.96E-12	7.40E-07	2.34E-09	7.30E-10	1.43E-17	3.79E-10	1.01E-12	7.15E-13	1.11E-11	6.93E-12	4.14E-11	6.56E-13	1.49E-11	2.04E-09	1.89E-10	2.43E-09
1484	NG_180	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.807	7.36E-09	1.37E-08	5.29E-08	6.69E-10	3.91E-12	7.29E-07	2.31E-09	7.20E-10	1.41E-17	3.74E-10	9.94E-13	7.03E-13	1.10E-11	6.83E-12	4.08E-11	6.47E-13	1.47E-11	2.01E-09	1.86E-10	2.40E-09
1485	NG_181	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.807	7.34E-09	1.37E-08	5.27E-08	6.64E-10	3.89E-12	7.26E-07	2.30E-09	7.18E-10	1.41E-17	3.73E-10	9.91E-13	6.98E-13	1.09E-11	6.81E-12	4.07E-11	6.45E-13	1.47E-11	2.01E-09	1.86E-10	2.39E-09
1486	NG_182	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.807	7.48E-09	1.40E-08	5.38E-08	6.73E-10	3.97E-12	7.38E-07	2.35E-09	7.32E-10	1.43E-17	3.80E-10	1.01E-12	7.09E-13	1.11E-11	6.93E-12	4.15E-11	6.57E-13	1.50E-11	2.05E-09	1.89E-10	2.44E-09
1487	NG_183	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.807	7.80E-09	1.46E-08	5.64E-08	7.02E-10	4.14E-12	7.70E-07	2.45E-09	7.64E-10	1.50E-17	3.97E-10	1.05E-12	7.38E-13	1.16E-11	7.24E-12	4.34E-11	6.86E-13	1.57E-11	2.14E-09	1.98E-10	2.55E-09
1488	NG_184	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.807	8.38E-09	1.58E-08	6.12E-08	7.56E-10	4.45E-12	8.29E-07	2.64E-09	8.22E-10	1.61E-17	4.27E-10	1.13E-12	7.92E-13	1.25E-11	7.78E-12	4.66E-11	7.38E-13	1.68E-11	2.30E-09	2.13E-10	2.74E-09
1489	NG_185	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.807	9.19E-09	1.75E-08	6.80E-08	8.34E-10	4.89E-12	9.16E-07	2.90E-09	9.04E-10	1.77E-17	4.70E-10	1.24E-12	8.68E-13	1.38E-11	8.56E-12	5.13E-11	8.11E-13	1.85E-11	2.53E-09	2.34E-10	3.01E-09
1490	NG_186	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.807	1.02E-08	1.94E-08	7.63E-08	9.28E-10	5.42E-12	1.02E-06	3.21E-09	1.00E-09	1.96E-17	5.20E-10	1.37E-12	9.60E-13	1.52E-11	9.47E-12	5.68E-11	8.99E-13	2.05E-11	2.80E-09	2.59E-10	3.34E-09
1491	NG_187	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.807	1.11E-08	2.14E-08	8.45E-08	1.02E-09	5.94E-12	1.12E-06	3.52E-09	1.10E-09	2.15E-17	5.70E-10	1.51E-12	1.05E-12	1.67E-11	1.04E-11	6.23E-11	9.86E-13	2.25E-11	3.07E-09	2.84E-10	3.66E-09
1492	NG_188	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.807	1.20E-08	2.32E-08	9.22E-08	1.12E-09	6.43E-12	1.21E-06	3.81E-09	1.19E-09	2.33E-17	6.17E-10	1.63E-12	1.14E-12	1.81E-11	1.12E-11	6.74E-11	1.07E-12	2.44E-11	3.32E-09	3.08E-10	3.96E-09
1493	NG_189	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.807	1.30E-08	2.52E-08	1.01E-07	1.24E-09	6.97E-12	1.30E-06	4.13E-09	1.29E-09	2.52E-17	6.69E-10	1.77E-12	1.23E-12	1.96E-11	1.22E-11	7.31E-11	1.16E-12	2.64E-11	3.60E-09	3.34E-10	4.30E-09
1494	NG_190	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.807	1.41E-08	2.75E-08	1.11E-07	1.40E-09	7.59E-12	1.41E-06	4.50E-09	1.40E-09	2.75E-17	7.29E-10	1.92E-12	1.34E-12	2.13E-11	1.33E-11	7.96E-11	1.26E-12	2.88E-11	3.92E-09	3.63E-10	4.68E-09
1495	NG_191	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.807	1.55E-08	3.03E-08	1.22E-07	1.63E-09	8.32E-12	1.54E-06	4.93E-09	1.54E-09	3.01E-17	7.99E-10	2.11E-12	1.47E-12	2.34E-11	1.46E-11	8.73E-11	1.38E-12	3.15E-11	4.30E-09	3.98E-10	5.13E-09
1496	NG_192	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.807	1.69E-08	3.33E-08	1.34E-07	1.91E-09	9.09E-12	1.67E-06	5.39E-09	1.68E-09	3.29E-17	8.73E-10	2.30E-12	1.60E-12	2.56E-11	1.59E-11	9.54E-11	1.51E-12	3.45E-11	4.70E-09	4.35E-10	5.61E-09
1497	NG_193	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.807	1.85E-08	3.66E-08	1.47E-07	2.29E-09	9.96E-12	1.81E-06	5.91E-09	1.84E-09	3.61E-17	9.57E-10	2.52E-12	1.75E-12	2.80E-11	1.74E-11	1.05E-10	1.65E-12	3.78E-11	5.15E-09	4.77E-10	6.14E-09
1498	NG_194	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.807	2.02E-08	4.02E-08	1.61E-07	2.77E-09	1.09E-11	1.96E-06	6.46E-09	2.01E-09	3.94E-17	1.05E-09	2.76E-12	1.92E-12	3.06E-11	1.90E-11	1.14E-10	1.81E-12	4.13E-11	5.63E-09	5.22E-10	6.71E-09
1499	NG_195	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.807	2.20E-08	4.39E-08	1.76E-07	3.35E-09	1.19E-11	2.13E-06	7.03E-09	2.19E-09	4.29E-17	1.14E-09	3.00E-12	2.09E-12	3.34E-11	2.07E-11	1.24E-10	1.97E-12	4.50E-11	6.14E-09	5.68E-10	7.31E-09
1500	NG_196	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.807	2.38E-08	4.78E-08	1.91E-07	4.03E-09	1.28E-11	2.32E-06	7.61E-09	2.38E-09	4.65E-17	1.23E-09	3.25E-12	2.26E-12	3.61E-11	2.25E-11	1.35E-10	2.13E-12	4.87E-11	6.65E-09	6.15E-10	7.92E-09
1501	NG_197	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.807	2.54E-08	5.12E-08	2.04E-07	4.74E-09	1.37E-11	2.49E-06	8.14E-09	2.54E-09	4.97E-17	1.32E-09	3.48E-12	2.42E-12	3.86E-11	2.40E-11	1.44E-10	2.28E-12	5.21E-11	7.10E-09	6.57E-10	8.46E-09
1502	NG_198	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.807	2.67E-08	5.39E-08	2.13E-07	5.43E-09	1.44E-11	2.62E-06	8.54E-09	2.67E-09	5.22E-17	1.38E-09	3.65E-12	2.54E-12	4.05E-11	2.52E-11	1.51E-10	2.39E-12	5.46E-11	7.46E-09	6.90E-10	8.89E-09
1503	NG_199	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.807	2.76E-08	5.58E-08	2.20E-07	6.05E-09	1.49E-11	2.72E-06	8.83E-09	2.76E-09	5.39E-17	1.43E-09	3.78E-12	2.63E-12	4.19E-11	2.61E-11	1.56E-10	2.47E-12	5.65E-11	7.71E-09	7.14E-10	9.19E-09
1504	NG_200	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.807	2.81E-08	5.70E-08	2.24E-07	6.59E-09	1.52E-11	2.79E-06	9.00E-09	2.81E-09	5.49E-17	1.46E-09	3.85E-12	2.68E-12	4.27E-11	2.65E-11	1.59E-10	2.52E-12	5.75E-11	7.85E-09	7.27E-10	9.36E-09
1505	NG_201	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.807	2.83E-08	5.74E-08	2.25E-07	7.03E-09	1.53E-11	2.82E-06	9.05E-09	2.83E-09	5.53E-17	1.47E-09	3.87E-12	2.69E-12	4.30E-11	2.67E-11	1.60E-10	2.53E-12	5.79E-11	7.90E-09	7.31E-10	9.42E-09
1506	NG_202	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.807	2.80E-08	5.69E-08	2.22E-07	7.36E-09	1.51E-11	2.80E-06	8.97E-09	2.80E-09	5.48E-17	1.45E-09	3.83E-12	2.67E-12	4.26E-11	2.65E-11	1.59E-10	2.51E-12	5.74E-11	7.83E-09	7.25E-10	9.33E-09
1507	NG_203	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.807	2.74E-08	5.57E-08	2.16E-07	7.61E-09	1.48E-11	2.74E-06	8.78E-09	2.74E-09	5.36E-17	1.42E-09	3.75E-12	2.61E-12	4.17E-11	2.59E-11	1.55E-10	2.46E-12	5.61E-11	7.66E-09	7.09E-10	9.13E-09
1508	NG_204	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.807	2.65E-08	5.39E-08	2.07E-07	7.75E-09	1.43E-11	2.65E-06	8.48E-09	2.65E-09	5.18E-17	1.37E-09	3.63E-12	2.52E-12	4.03E-11	2.50E-11	1.50E-10	2.38E-12	5.43E-11	7.40E-09	6.85E-10	8.82E-09
1509	NG_205	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.807	2.56E-08	5.20E-08	1.98E-07	7.81E-09	1.38E-11	2.55E-06	8.18E-09	2.55E-09	5.00E-17	1.33E-09	3.50E-12	2.43E-12	3.88E-11	2.41E-11	1.45E-10	2.29E-12	5.23E-11	7.14E-09	6.61E-10	8.51E-09
1510	NG_206	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.857	1.03E-08	1.94E-08	7.74E-08	1.08E-09	5.44E-12	1.00E-06	3.21E-09	1.00E-09	1.96E-17	5.20E-10	1.39E-12	9.93E-13	1.52E-11	9.50E-12	5.67E-11	9.00E-13	2.05E-11	2.80E-09	2.59E-10	3.33E-09
1511	NG_207	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.857	1.04E-08	1.97E-08	7.85E-08	1.10E-09	5.52E-12	1.02E-06	3.25E-09	1.01E-09	1.99E-17	5.28E-10	1.41E-12	1.01E-12	1.55E-11	9.65E-12	5.76E-11	9.13E-13	2.08E-11	2.84E-09	2.63E-10	3.38E-09
1512	NG_208	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.857	1.05E-08	2.00E-08	7.94E-08	1.11E-09	5.59E-12	1.05E-06	3.30E-09	1.03E-09	2.01E-17	5.35E-10	1.43E-12	1.02E-12	1.56E-11	9.77E-12	5.83E-11	9.25E-13	2.10E-11	2.88E-09	2.66E-10	3.43E-09
1513	NG_209	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6366.857	1.06E-08	2.02E-08	8.00E-08	1.12E-09	5.64E-12	1.07E-06	3.32E-09	1.04E-09	2.03E-17	5.39E-10	1.44E-12	1.03E-12	1.58E-11	9.85E-12	5.88E-11	9.33E-13	2.12E-11	2.90E-09	2.68E-10	3.46E-09
1514	NG_210	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.857	1.05E-08	2.00E-08	7.94E-08	1.11E-09	5.61E-12	1.07E-06	3.31E-09	1.03E-09	2.02E-17	5.37E-10	1.43E-12	1.02E-12	1.57E-11	9.81E-12	5.85E-11	9.28E-13	2.11E-11	2.89E-09	2.67E-10	3.44E-09
1515	NG_211	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.857	1.03E-08	1.97E-08	7.77E-08	1.09E-09	5.52E-12	1.06E-06	3.25E-09	1.02E-09	1.99E-17	5.28E-10	1.41E-12	1.01E-12	1.55E-11	9.65E-12	5.76E-11	9.13E-13	2.08E-11	2.84E-09	2.63E-10	3.38E-09
1516	NG_212	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.857	1.02E-08	1.94E-08	7.63E-08	1.06E-09	5.44E-12	1.05E-06	3.21E-09	1.00E-09	1.96E-17	5.20E-10	1.39E-12	9.91E-13	1.52E-11	9.51E-12	5.68E-11	9.00E-13	2.05E-11	2.80E-09	2.59E-10	3.34E-09
1517	NG_213	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.857	1.01E-08	1.91E-08	7.52E-08	1.04E-09	5.38E-12	1.04E-06	3.17E-09	9.89E-10	1.93E-17	5.14E-10	1.37E-12	9.79E-13	1.51E-11	9.40E-12	5.61E-11	8.90E-13	2.02E-11	2.77E-09	2.56E-10	3.30E-09
1518	NG_214	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.857	9.85E-09	1.87E-08	7.34E-08	1.00E-09	5.27E-12	1.03E-06	3.11E-09	9.69E-10	1.90E-17	5.04E-10	1.35E-12	9.59E-13	1.48E-11	9.21E-12	5.50E-11	8.72E-13	1.98E-11	2.71E-09	2.51E-10	3.23E-09
1519	NG_215	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.857	9.56E-09	1.81E-08	7.09E-08	9.63E-10	5.12E-12	9.91E-07	3.02E-09	9.42E-10	1.84E-17	4.90E-10	1.31E-12	9.31E-13	1.43E-11	8.95E-12	5.34E-11	8.47E-13	1.93E-11	2.63E-09	2.44E-10	3.14E-09
1520	NG_216	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.857	9.30E-09	1.76E-08	6.86E-08	9.24E-10	4.98E-12	9.59E-07	2.94E-09	9.16E-10	1.79E-17	4.76E-10	1.27E-12	9.05E-13	1.39E-11	8.70E-12	5.20E-11	8.24E-13	1.88E-11	2.56E-09	2.37E-10	3.05E-09
1521	NG_217	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.857	9.05E-09	1.71E-08	6.65E-08	8.89E-10	4.85E-12	9.32E-07	2.86E-09	8.93E-10	1.75E-17	4.64E-10	1.24E-12	8.80E-13	1.36E-11	8.48E-12	5.06E-11	8.03E-13	1.83E-11	2.50E-09	2.31E-10	2.98E-09
1522	NG_218	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6366.857	8.84E-09	1.67E-08	6.48E-08	8.59E-10	4.74E-12	9.08E-07	2.79E-09	8.72E-10	1.71E-17	4.53E-10	1.21E-12	8.58E-13	1.33E-11	8.28E-12	4.95E-11	7.84E-13	1.78E-11	2.44E-09	2.26E-10	2.91E-09
1523	NG_219	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.857	8.60E-09	1.62E-08	6.28E-08	8.28E-10	4.61E-12	8.79E-07	2.72E-09	8.48E-10	1.66E-17	4.41E-10	1.17E-12	8.33E-13	1.29E-11	8.05E-12	4.81E-11	7.63E-13	1.74E-11	2.37E-09	2.20E-10	2.83E-09
1524	NG_220	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.857	8.37E-09	1.58E-08	6.08E-08	8.01E-10	4.48E-12	8.50E-07	2.65E-09	8.26E-10	1.62E-17	4.29E-10	1.14E-12	8.09E-13	1.26E-11	7.84E-12	4.69E-11	7.42E-13	1.69E-11	2.31E-09	2.14E-10	2.75E-09
1525	NG_221	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.857	8.24E-09	1.55E-08	5.96E-08	7.82E-10	4.41E-12	8.33E-07	2.60E-09	8.12E-10	1.59E-17	4.22E-10	1.12E-12	7.93E-13	1.24E-11	7.70E-12	4.61E-11	7.30E-13	1.66E-11	2.27E-09	2.10E-10	2.71E-09
1526	NG_222	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.857	8.24E-09	1.56E-08	5.97E-08	7.76E-10	4.41E-12	8.34E-07	2.61E-09	8.13E-10	1.59E-17	4.22E-10	1.12E-12	7.91E-13	1.24E-11	7.71E-12	4.61E-11	7.30E-13	1.67E-11	2.27E-09	2.10E-10	2.71E-09
1527	NG_223	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.857	8.37E-09	1.58E-08	6.07E-08	7.83E-10	4.48E-12	8.44E-07	2.65E-09	8.26E-10	1.62E-17	4.29E-10	1.14E-12	8.00E-13	1.26E-11	7.83E-12	4.69E-11	7.42E-13	1.69E-11	2.31E-09	2.14E-10	2.75E-09
1528	NG_224	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.857	8.73E-09	1.66E-08	6.35E-08	8.12E-10	4.67E-12	8.78E-07	2.76E-09	8.62E-10	1.69E-17	4.48E-10	1.19E-12	8.32E-13	1.31E-11	8.16E-12	4.89E-11	7.74E-13	1.77E-11	2.41E-09	2.23E-10	2.87E-09
1529	NG_225	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.857	9.43E-09	1.80E-08	6.93E-08	8.77E-10	5.05E-12	9.51E-07	2.99E-09	9.32E-10	1.82E-17	4.84E-10	1.28E-12	8.97E-13	1.42E-11	8.83E-12	5.29E-11	8.37E-13	1.91E-11	2.61E-09	2.41E-10	3.11E-09

AQIA DATA - SCENARIO 1 GRID MAX

Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1530	NG_226	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.857	1.04E-08	2.01E-08	7.77E-08	9.74E-10	5.60E-12	1.06E-06	3.31E-09	1.03E-09	2.02E-17	5.37E-10	1.42E-12	9.93E-13	1.57E-11	9.78E-12	5.86E-11	9.28E-13	2.12E-11	2.89E-09	2.68E-10	3.45E-09
1531	NG_227	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.857	1.16E-08	2.25E-08	8.79E-08	1.09E-09	6.25E-12	1.19E-06	3.70E-09	1.15E-09	2.26E-17	5.99E-10	1.58E-12	1.11E-12	1.76E-11	1.09E-11	6.55E-11	1.04E-12	2.37E-11	3.23E-09	2.99E-10	3.85E-09
1532	NG_228	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.857	1.27E-08	2.47E-08	9.73E-08	1.20E-09	6.84E-12	1.31E-06	4.05E-09	1.27E-09	2.48E-17	6.57E-10	1.74E-12	1.21E-12	1.92E-11	1.20E-11	7.18E-11	1.14E-12	2.59E-11	3.54E-09	3.28E-10	4.22E-09
1533	NG_229	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.857	1.37E-08	2.66E-08	1.05E-07	1.31E-09	7.36E-12	1.39E-06	4.36E-09	1.36E-09	2.66E-17	7.07E-10	1.87E-12	1.30E-12	2.07E-11	1.29E-11	7.72E-11	1.22E-12	2.79E-11	3.81E-09	3.52E-10	4.54E-09
1534	NG_230	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.857	1.48E-08	2.89E-08	1.15E-07	1.46E-09	7.97E-12	1.49E-06	4.72E-09	1.47E-09	2.88E-17	7.66E-10	2.02E-12	1.41E-12	2.24E-11	1.39E-11	8.36E-11	1.32E-12	3.02E-11	4.12E-09	3.82E-10	4.91E-09
1535	NG_231	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.857	1.63E-08	3.19E-08	1.27E-07	1.68E-09	8.76E-12	1.64E-06	5.19E-09	1.62E-09	3.17E-17	8.41E-10	2.22E-12	1.54E-12	2.46E-11	1.53E-11	9.19E-11	1.45E-12	3.32E-11	4.53E-09	4.19E-10	5.40E-09
1536	NG_232	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.857	1.79E-08	3.52E-08	1.41E-07	1.98E-09	9.65E-12	1.79E-06	5.72E-09	1.79E-09	3.49E-17	9.27E-10	2.44E-12	1.70E-12	2.71E-11	1.69E-11	1.01E-10	1.60E-12	3.66E-11	4.99E-09	4.62E-10	5.95E-09
1537	NG_233	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.857	1.97E-08	3.89E-08	1.56E-07	2.38E-09	1.06E-11	1.95E-06	6.30E-09	1.96E-09	3.84E-17	1.02E-09	2.69E-12	1.87E-12	2.99E-11	1.86E-11	1.11E-10	1.76E-12	4.03E-11	5.49E-09	5.09E-10	6.55E-09
1538	NG_234	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.857	2.16E-08	4.30E-08	1.71E-07	2.90E-09	1.17E-11	2.12E-06	6.93E-09	2.16E-09	4.23E-17	1.12E-09	2.96E-12	2.06E-12	3.29E-11	2.04E-11	1.23E-10	1.94E-12	4.43E-11	6.05E-09	5.60E-10	7.21E-09
1539	NG_235	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.857	2.37E-08	4.73E-08	1.87E-07	3.54E-09	1.28E-11	2.31E-06	7.58E-09	2.37E-09	4.63E-17	1.23E-09	3.24E-12	2.25E-12	3.60E-11	2.24E-11	1.34E-10	2.12E-12	4.85E-11	6.62E-09	6.12E-10	7.88E-09
1540	NG_236	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.857	2.57E-08	5.16E-08	2.04E-07	4.32E-09	1.39E-11	2.52E-06	8.24E-09	2.57E-09	5.03E-17	1.33E-09	3.52E-12	2.45E-12	3.91E-11	2.43E-11	1.46E-10	2.31E-12	5.27E-11	7.19E-09	6.65E-10	8.57E-09
1541	NG_237	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.857	2.78E-08	5.61E-08	2.21E-07	5.21E-09	1.50E-11	2.75E-06	8.91E-09	2.78E-09	5.44E-17	1.44E-09	3.81E-12	2.65E-12	4.23E-11	2.63E-11	1.58E-10	2.50E-12	5.70E-11	7.78E-09	7.20E-10	9.27E-09
1542	NG_238	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.857	2.93E-08	5.93E-08	2.32E-07	6.08E-09	1.59E-11	2.92E-06	9.39E-09	2.93E-09	5.74E-17	1.52E-09	4.02E-12	2.79E-12	4.46E-11	2.77E-11	1.66E-10	2.63E-12	6.01E-11	8.20E-09	7.59E-10	9.77E-09
1543	NG_239	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.857	3.03E-08	6.14E-08	2.40E-07	6.87E-09	1.64E-11	3.04E-06	9.71E-09	3.03E-09	5.93E-17	1.57E-09	4.15E-12	2.89E-12	4.61E-11	2.87E-11	1.72E-10	2.72E-12	6.21E-11	8.48E-09	7.85E-10	1.01E-08
1544	NG_240	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.857	3.11E-08	6.31E-08	2.45E-07	7.56E-09	1.68E-11	3.14E-06	9.96E-09	3.11E-09	6.08E-17	1.61E-09	4.26E-12	2.96E-12	4.73E-11	2.94E-11	1.76E-10	2.79E-12	6.37E-11	8.69E-09	8.04E-10	1.04E-08
1545	NG_241	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.857	3.16E-08	6.44E-08	2.50E-07	8.14E-09	1.71E-11	3.23E-06	1.01E-08	3.16E-09	6.19E-17	1.64E-09	4.33E-12	3.02E-12	4.81E-11	2.99E-11	1.79E-10	2.84E-12	6.48E-11	8.85E-09	8.19E-10	1.05E-08
1546	NG_242	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.857	3.15E-08	6.40E-08	2.48E-07	8.54E-09	1.70E-11	3.23E-06	1.01E-08	3.15E-09	6.15E-17	1.63E-09	4.31E-12	3.00E-12	4.78E-11	2.97E-11	1.78E-10	2.82E-12	6.45E-11	8.80E-09	8.14E-10	1.05E-08
1547	NG_243	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.857	3.09E-08	6.29E-08	2.43E-07	8.80E-09	1.67E-11	3.18E-06	9.90E-09	3.09E-09	6.04E-17	1.60E-09	4.23E-12	2.94E-12	4.70E-11	2.92E-11	1.75E-10	2.77E-12	6.33E-11	8.64E-09	7.99E-10	1.03E-08
1548	NG_244	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.857	2.98E-08	6.08E-08	2.33E-07	8.93E-09	1.61E-11	3.07E-06	9.56E-09	2.98E-09	5.84E-17	1.55E-09	4.09E-12	2.84E-12	4.54E-11	2.82E-11	1.69E-10	2.68E-12	6.11E-11	8.34E-09	7.72E-10	9.94E-09
1549	NG_245	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.857	2.82E-08	5.75E-08	2.18E-07	8.90E-09	1.53E-11	2.89E-06	9.04E-09	2.82E-09	5.52E-17	1.47E-09	3.87E-12	2.69E-12	4.29E-11	2.67E-11	1.60E-10	2.53E-12	5.78E-11	7.89E-09	7.30E-10	9.40E-09
1550	NG_246	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.857	2.70E-08	5.49E-08	2.07E-07	8.84E-09	1.46E-11	2.76E-06	8.64E-09	2.70E-09	5.28E-17	1.40E-09	3.69E-12	2.57E-12	4.10E-11	2.55E-11	1.53E-10	2.42E-12	5.53E-11	7.54E-09	6.98E-10	8.99E-09
1551	NG_247	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.907	1.09E-08	2.08E-08	8.23E-08	1.20E-09	5.81E-12	1.06E-06	3.42E-09	1.07E-09	2.09E-17	5.55E-10	1.48E-12	1.06E-12	1.63E-11	1.01E-11	6.06E-11	9.61E-13	2.18E-11	2.99E-09	2.76E-10	3.56E-09
1552	NG_248	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.907	1.12E-08	2.14E-08	8.45E-08	1.24E-09	5.97E-12	1.10E-06	3.52E-09	1.10E-09	2.15E-17	5.70E-10	1.52E-12	1.09E-12	1.67E-11	1.04E-11	6.22E-11	9.87E-13	2.24E-11	3.07E-09	2.84E-10	3.66E-09
1553	NG_249	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6366.907	1.14E-08	2.20E-08	8.68E-08	1.28E-09	6.13E-12	1.15E-06	3.61E-09	1.13E-09	2.20E-17	5.86E-10	1.57E-12	1.12E-12	1.72E-11	1.07E-11	6.39E-11	1.01E-12	2.31E-11	3.15E-09	2.91E-10	3.76E-09
1554	NG_250	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6366.907	1.16E-08	2.24E-08	8.81E-08	1.30E-09	6.23E-12	1.18E-06	3.67E-09	1.15E-09	2.24E-17	5.96E-10	1.59E-12	1.14E-12	1.74E-11	1.09E-11	6.50E-11	1.03E-12	2.34E-11	3.20E-09	2.96E-10	3.82E-09
1555	NG_251	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.907	1.17E-08	2.25E-08	8.85E-08	1.30E-09	6.26E-12	1.20E-06	3.69E-09	1.15E-09	2.25E-17	5.99E-10	1.60E-12	1.14E-12	1.75E-11	1.09E-11	6.53E-11	1.04E-12	2.36E-11	3.22E-09	2.98E-10	3.84E-09
1556	NG_252	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.907	1.16E-08	2.23E-08	8.73E-08	1.29E-09	6.21E-12	1.20E-06	3.66E-09	1.14E-09	2.23E-17	5.94E-10	1.59E-12	1.13E-12	1.74E-11	1.09E-11	6.48E-11	1.03E-12	2.34E-11	3.19E-09	2.96E-10	3.81E-09
1557	NG_253	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.907	1.15E-08	2.22E-08	8.69E-08	1.27E-09	6.19E-12	1.21E-06	3.65E-09	1.14E-09	2.23E-17	5.92E-10	1.58E-12	1.13E-12	1.73E-11	1.08E-11	6.46E-11	1.02E-12	2.33E-11	3.19E-09	2.95E-10	3.80E-09
1558	NG_254	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.907	1.15E-08	2.21E-08	8.64E-08	1.26E-09	6.16E-12	1.22E-06	3.63E-09	1.13E-09	2.22E-17	5.90E-10	1.57E-12	1.12E-12	1.73E-11	1.08E-11	6.43E-11	1.02E-12	2.32E-11	3.17E-09	2.93E-10	3.78E-09
1559	NG_255	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.907	1.13E-08	2.16E-08	8.47E-08	1.22E-09	6.06E-12	1.20E-06	3.57E-09	1.11E-09	2.18E-17	5.79E-10	1.55E-12	1.10E-12	1.70E-11	1.06E-11	6.32E-11	1.00E-12	2.28E-11	3.12E-09	2.88E-10	3.71E-09
1560	NG_256	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.907	1.09E-08	2.08E-08	8.13E-08	1.16E-09	5.86E-12	1.16E-06	3.45E-09	1.08E-09	2.11E-17	5.60E-10	1.50E-12	1.07E-12	1.64E-11	1.02E-11	6.11E-11	9.69E-13	2.21E-11	3.01E-09	2.79E-10	3.59E-09
1561	NG_257	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.907	1.06E-08	2.02E-08	7.84E-08	1.11E-09	5.68E-12	1.12E-06	3.35E-09	1.05E-09	2.05E-17	5.44E-10	1.45E-12	1.03E-12	1.59E-11	9.93E-12	5.93E-11	9.41E-13	2.14E-11	2.93E-09	2.71E-10	3.49E-09
1562	NG_258	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6366.907	1.03E-08	1.96E-08	7.62E-08	1.07E-09	5.54E-12	1.09E-06	3.27E-09	1.02E-09	2.00E-17	5.30E-10	1.41E-12	1.01E-12	1.55E-11	9.69E-12	5.79E-11	9.17E-13	2.09E-11	2.85E-09	2.64E-10	3.40E-09
1563	NG_259	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6366.907	1.00E-08	1.91E-08	7.38E-08	1.03E-09	5.39E-12	1.06E-06	3.18E-09	9.93E-10	1.94E-17	5.16E-10	1.38E-12	9.78E-13	1.51E-11	9.43E-12	5.63E-11	8.93E-13	2.03E-11	2.78E-09	2.57E-10	3.31E-09
1564	NG_260	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.907	9.71E-09	1.85E-08	7.10E-08	9.86E-10	5.23E-12	1.01E-06	3.09E-09	9.62E-10	1.88E-17	5.00E-10	1.33E-12	9.46E-13	1.47E-11	9.14E-12	5.46E-11	8.65E-13	1.97E-11	2.69E-09	2.49E-10	3.21E-09
1565	NG_261	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.907	9.46E-09	1.80E-08	6.88E-08	9.54E-10	5.09E-12	9.83E-07	3.01E-09	9.38E-10	1.84E-17	4.88E-10	1.30E-12	9.20E-13	1.43E-11	8.90E-12	5.32E-11	8.44E-13	1.92E-11	2.63E-09	2.43E-10	3.13E-09
1566	NG_262	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.907	9.34E-09	1.78E-08	6.78E-08	9.32E-10	5.02E-12	9.68E-07	2.97E-09	9.26E-10	1.81E-17	4.81E-10	1.28E-12	9.04E-13	1.41E-11	8.78E-12	5.25E-11	8.32E-13	1.90E-11	2.59E-09	2.40E-10	3.09E-09
1567	NG_263	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.907	9.29E-09	1.77E-08	6.73E-08	9.17E-10	4.99E-12	9.60E-07	2.95E-09	9.21E-10	1.80E-17	4.78E-10	1.27E-12	8.96E-13	1.40E-11	8.73E-12	5.22E-11	8.27E-13	1.89E-11	2.58E-09	2.38E-10	3.07E-09
1568	NG_264	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.907	9.39E-09	1.79E-08	6.80E-08	9.16E-10	5.05E-12	9.64E-07	2.98E-09	9.31E-10	1.82E-17	4.84E-10	1.28E-12	9.02E-13	1.42E-11	8.82E-12	5.28E-11	8.36E-13	1.91E-11	2.60E-09	2.41E-10	3.10E-09
1569	NG_265	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.907	9.77E-09	1.87E-08	7.11E-08	9.44E-10	5.25E-12	9.98E-07	3.11E-09	9.70E-10	1.90E-17	5.04E-10	1.33E-12	9.37E-13	1.48E-11	9.19E-12	5.50E-11	8.71E-13	1.99E-11	2.71E-09	2.51E-10	3.23E-09
1570	NG_266	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.907	1.06E-08	2.04E-08	7.79E-08	1.02E-09	5.70E-12	1.09E-06	3.38E-09	1.05E-09	2.06E-17	5.47E-10	1.45E-12	1.01E-12	1.60E-11	9.97E-12	5.98E-11	9.46E-13	2.16E-11	2.95E-09	2.73E-10	3.51E-09
1571	NG_267	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.907	1.18E-08	2.29E-08	8.83E-08	1.13E-09	6.37E-12	1.22E-06	3.77E-09	1.18E-09	2.30E-17	6.12E-10	1.62E-12	1.13E-12	1.79E-11	1.11E-11	6.68E-11	1.06E-12	2.41E-11	3.29E-09	3.05E-10	3.93E-09
1572	NG_268	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.907	1.33E-08	2.59E-08	1.01E-07	1.28E-09	7.18E-12	1.39E-06	4.25E-09	1.33E-09	2.60E-17	6.89E-10	1.82E-12	1.27E-12	2.02E-11	1.26E-11	7.53E-11	1.19E-12	2.72E-11	3.71E-09	3.44E-10	4.42E-09
1573	NG_269	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.907	1.47E-08	2.86E-08	1.12E-07	1.42E-09	7.90E-12	1.52E-06	4.68E-09	1.46E-09	2.86E-17	7.58E-10	2.00E-12	1.40E-12	2.22E-11	1.38E-11	8.28E-11	1.31E-12	2.99E-11	4.08E-09	3.78E-10	4.87E-09
1574	NG_270	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.907	1.58E-08	3.10E-08	1.22E-07	1.57E-09	8.54E-12	1.63E-06	5.06E-09	1.58E-09	3.09E-17	8.20E-10	2.17E-12	1.51E-12	2.40E-11	1.49E-11	8.96E-11	1.42E-12	3.24E-11	4.42E-09	4.09E-10	5.27E-09
1575	NG_271	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.907	1.72E-08	3.38E-08	1.33E-07	1.76E-09	9.30E-12	1.75E-06	5.51E-09	1.72E-09	3.36E-17	8.93E-10	2.36E-12	1.64E-12	2.62E-11	1.63E-11	9.76E-11	1.54E-12	3.52E-11	4.81E-09	4.45E-10	5.73E-09
1576	NG_272	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.907	1.92E-08	3.77E-08	1.50E-07	2.08E-09	1.03E-11	1.94E-06	6.13E-09	1.91E-09	3.74E-17	9.94E-10	2.62E-12	1.82E-12	2.91E-11	1.81E-11	1.09E-10	1.72E-12	3.92E-11	5.35E-09	4.95E-10	6.38E-09
1577	NG_273	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.907	2.12E-08	4.20E-08	1.67E-07	2.50E-09	1.15E-11	2.13E-06	6.80E-09	2.12E-09	4.15E-17	1.10E-09	2.91E-12	2.02E-12	3.23E-11	2.01E-11	1.20E-10	1.90E-12	4.35E-11	5.94E-09	5.50E-10	7.07E-09
1578	NG_274	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.907	2.34E-08	4.65E-08	1.84E-07	3.05E-09	1.26E-11	2.32E-06	7.50E-09	2.34E-09	4.58E-17	1.21E-09	3.20E-12	2.23E-12	3.56E-11	2.21E-11	1.33E-10	2.10E-12	4.79E-11	6.54E-09	6.06E-10	7.80E-09
1579	NG_275	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.907	2.57E-08	5.13E-08	2.02E-07	3.74E-09	1.39E-11	2.53E-06	8.24E-09	2.57E-09	5.03E-17	1.33E-09	3.52E-12	2.45E-12	3.91E-11	2.43E-11	1.46E-10	2.31E-12	5.27E-11	7.19E-09	6.66E-10	8.57E-09
1580	NG_276	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.907	2.80E-08	5.62E-08	2.20E-07	4.60E-09	1.52E-11	2.76E-06	8.99E-09	2.80E-09	5.49E-17	1.46E-09	3.84E-12	2.67E-12	4.27E-11	2.65E-11	1.59E-10	2.52E-12	5.75E-11	7.84E-09	7.26E-10	9.35E-09
1581	NG_277	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.907	3.05E-08	6.14E-08	2.39E-07	5.64E-09	1.65E-11	3.02E-06	9.77E-09	3.05E-09	5.96E-17	1.58E-09	4.18E-12	2.90E-12	4.64E-11	2.88E-11	1.73E-10	2.73E-12	6.25E-11	8.53E-09	7.89E-10	1.02E-08
1582	NG_278	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.907	3.26E-08	6.58E-08	2.55E-07	6.75E-09	1.76E-11	3.28E-06	1.04E-08	3.26E-09	6.38E-17	1.69E-09	4.46E-12	3.10E-12	4.96E-11	3.08E-11	1.85E-10	2.92E-12	6.68E-11	9.11E-09	8.44E-10	1.09E-08
1583	NG_279	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.907	3.38E-08	6.86E-08	2.65E-07	7.77E-09	1.83E-11	3.45E-06	1.08E-08	3.39E-09	6.62E-17	1.76E-09	4.64E-12	3.23E-12	5.15E-11	3.20E-11	1.92E-10	3.04E-12	6.94E-11	9.47E-09	8.76E-10	1.13E-08
1584	NG_280	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.907	3.41E-08	6.93E-08	2.66E-07	8.60E-09	1.85E-11	3.51E-06	1.09E-08	3.42E-09	6.68E-17	1.77E-09	4.68E-12	3.25E-12	5.19E-11	3.23E-11	1.94E-10	3.06E-12	7.00E-11	9.55E-09	8.84E-10	1.14E-08
1589	NG_285	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.907	3.18E-08	6.50E-08	2.46E-07	1.03E-08	1.72E-11	3.36E-06	1.02E-08	3.18E-09	6.23E-17	1.65E-09	4.36E-12	3.03E-12	4.84E-11	3.01E-11	1.81E-10	2.86E-12	6.53E-11	8.91E-09	8.24E-10	1.06E-08
1590	NG_286	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.907	3.00E-08	6.11E-08	2.30E-07	1.01E-08	1.62E-11	3.15E-06	9.60E-09	3.00E-09	5.86E-17	1.56E-09	4.10E-12	2.85E-12	4.56E-11	2.83E-11	1.70E-10	2.69E-12	6.14E-11	8.38E-09	7.76E-10	9.99E-09
1591	NG_287	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.907	2.82E-08	5.74E-08	2.14E-07	9.83E-09	1.52E-11	2.95E-06	9.03E-09	2.82E-09	5.51E-17	1.46E-09	3.86E-12	2.68E-12	4.28E-11	2.66E-11	1.60E-10	2.53E-12	5.77E-11	7.88E-09	7.29E-10	9.39E-09
1592	NG_288	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.957	1.14E-08	2.19E-08	8.59E-08	1.33E-09	6.11E-12	1.12E-06	3.60E-09	1.12E-09	2.20E-17	5.84E-10	1.56E-12	1.11E-12	1.71E-11	1.07E-11	6.37E-11	1.01E-12	2.30E-11	3.14E-09	2.91E-10	3.75E-09
1593	NG_289	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.957	1.19E-08	2.29E-08	8.98E-08	1.40E-09	6.38E-12	1.18E-06	3.76E-09	1.17E-09	2.30E-17	6.10E-10	1.63E-12	1.16E-12	1.79E-11	1.12E-11	6.66E-11	1.06E-12	2.40E-11	3.28E-09	3.04E-10	3.91E-09
1594	NG_290	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6366.957	1.23E-08	2.39E-08	9.34E-08	1.46E-09	6.63E-12	1.24E-06	3.91E-09	1.22E-09	2.38E-17	6.34E-10	1.69E-12	1.21E-12	1.86E-11	1.16E-11	6.91E-11	1.10E-12	2.49E-11	3.41E-09	3.15E-10	4.06E-09
1595	NG_291	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6366.957	1.27E-08	2.46E-08	9.59E-08	1.50E-09	6.81E-12	1.29E-06	4.02E-09	1.25E-09	2.45E-17	6.52E-10	1.74E-12	1.24E-12	1.91E-11	1.19E-11	7.11E-11	1.13E-12	2.56E-11	3.51E-09	3.24E-10	4.18E-09
1596	NG_292	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.957	1.29E-08	2.50E-08	9.75E-08	1.53E-09	6.94E-12	1.33E-06	4.09E-09	1.28E-09	2.50E-17	6.63E-10	1.77E-12	1.27E-12	1.94E-11	1.21E-11	7.24E-11	1.15E-12	2.61E-11	3.57E-09	3.30E-10	4.25E-09
1597	NG_293	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.957	1.30E-08	2.53E-08	9.85E-08	1.55E-09	7.02E-12	1.37E-06	4.14E-09	1.29E-09	2.53E-17	6.71E-10	1.79E-12	1.28E-12	1.97E-11	1.23E-11	7.32E-11	1.16E-12	2.64E-11	3.61E-09	3.34E-10	4.30E-09
1598	NG_294	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.957	1.31E-08	2.54E-08	9.90E-08	1.55E-09	7.06E-12	1.40E-06	4.16E-09	1.30E-09	2.54E-17	6.76E-10	1.80E-12	1.29E-12	1.98E-11	1.23E-11	7.37E-11	1.17E-12	2.66E-11	3.63E-09	3.36E-10	4.33E-09
1599	NG_295	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.957	1.31E-08	2.54E-08	9.90E-08	1.53E-09	7.07E-12	1.42E-06	4.17E-09	1.30E-09	2.54E-17	6.76E-10	1.81E-12	1.29E-12	1.98E-11	1.24E-11	7.37E-11	1.17E-12	2.66E-11	3.64E-09	3.36E-10	4.33E-09
1600	NG_296	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.957	1.29E-08	2.50E-08	9.72E-08	1.49E-09	6.96E-12	1.41E-06	4.10E-09	1.28E-09	2.50E-17	6.66E-10	1.78E-12	1.27E-12	1.95E-11	1.22E-11	7.26E-11	1.15E-12	2.62E-11	3.58E-09	3.31E-10	4.27E-09
1601	NG_297	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.957	1.25E-08	2.42E-08	9.40E-08	1.42E-09	6.76E-12	1.37E-06	3.99E-09	1.24E-09	2.43E-17	6.47E-10	1.73E-12	1.23E-12	1.89E-11	1.18E-11	7.06E-11	1.12E-12	2.55E-11	3.48E-09	3.22E-10	4.15E-09
1602	NG_298	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6366.957	1.21E-08	2.34E-08	9.07E-08	1.36E-09	6.56E-12	1.33E-06	3.87E-09	1.21E-09	2.36E-17	6.28E-10	1.68E-12	1.19E-12	1.84E-11	1.15E-11	6.85E-11	1.09E-12	2.47E-11	3.38E-09	3.12E-10	4.03E-09
1603	NG_299	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6366.957	1.18E-08	2.27E-08	8.76E-08	1.30E-09	6.38E-12	1.29E-06	3.76E-09	1.17E-09	2.30E-17	6.10E-10	1.63E-12	1.16E-12	1.79E-11	1.11E-11	6.66E-11	1.06E-12	2.40E-11	3.28E-09	3.04E-10	3.91E-09
1604	NG_300	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6366.957	1.15E-08	2.20E-08	8.45E-08	1.25E-09	6.19E-12	1.24E-06	3.65E-09	1.14E-09	2.23E-17	5.92E-10	1.58E-12	1.12E-12	1.73E-11	1.08E-11	6.46E-11	1.02E-12	2.33E-11	3.19E-09	2.95E-10	3.80E-09
1605	NG_301	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.957	1.11E-08	2.13E-08	8.13E-08	1.20E-09	6.00E-12	1.19E-06	3.54E-09	1.11E-09	2.16E-17	5.75E-10	1.53E-12	1.09E-12	1.68E-11	1.05E-11	6.27E-11	9.94E-13	2.26E-11	3.09E-09	2.86E-10	3.68E-09
1606	NG_302	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.957	1.08E-08	2.07E-08	7.85E-08	1.16E-09	5.83E-12	1.15E-06	3.44E-09	1.07E-09	2.10E-17	5.58E-10	1.49E-12	1.05E-12	1.64E-11	1.02E-11	6.09E-11	9.66E-13	2.20E-11	3.01E-09	2.78E-10	3.58E-09
1607	NG_303	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.957	1.06E-08	2.02E-08	7.63E-08	1.12E-09	5.70E-12	1.12E-06	3.37E-09	1.05E-09	2.06E-17	5.46E-10	1.45E-12	1.03E-12	1.60E-11	9.96E-12	5.96E-11	9.44E-13	2.15E-11	2.94E-09	2.72E-10	3.50E-09
1608	NG_304	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.957	1.04E-08	1.99E-08	7.50E-08	1.09E-09	5.62E-12	1.09E-06	3.32E-09	1.04E-09	2.03E-17	5.38E-10	1.43E-12	1.01E-12	1.58E-11	9.82E-12	5.87E-11	9.30E-13	2.12E-11	2.90E-09	2.68E-10	3.45E-09
1609	NG_305	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.957	1.05E-08	2.00E-08	7.53E-08	1.07E-09	5.64E-12	1.09E-06	3.33E-09	1.04E-09	2.03E-17	5.40E-10	1.43E-12	1.01E-12	1.58E-11	9.86E-12	5.90E-11	9.34E-13	2.13E-11	2.91E-09	2.69E-10	3.47E-09
1610	NG_306	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.957	1.09E-08	2.09E-08	7.89E-08	1.10E-09	5.88E-12	1.13E-06	3.48E-09	1.08E-09	2.12E-17	5.64E-10	1.49E-12	1.05E-12	1.65E-11	1.03E-11	6.15E-11	9.74E-13	2.22E-11	3.03E-09	2.81E-10	3.62E-09
1611	NG_307	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.957	1.19E-08	2.29E-08	8.70E-08	1.18E-09	6.41E-12	1.23E-06	3.79E-09	1.18E-09	2.32E-17	6.15E-10	1.63E-12	1.14E-12	1.80E-11	1.12E-11	6.71E-11	1.06E-12	2.42E-11	3.31E-09	3.06E-10	3.94E-09
1612	NG_308	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.957	1.33E-08	2.58E-08	9.91E-08	1.32E-09	7.19E-12	1.39E-06	4.26E-09	1.33E-09	2.60E-17	6.90E-10	1.82E-12	1.28E-12	2.02E-11	1.26E-11	7.54E-11	1.19E-12	2.72E-11	3.72E-09	3.44E-10	4.43E-09
1613	NG_309	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.957	1.51E-08	2.93E-08	1.14E-07	1.49E-09	8.13E-12	1.59E-06	4.81E-09	1.50E-09	2.94E-17	7.80E-10	2.06E-12	1.44E-12	2.28E-11	1.42E-11	8.52E-11	1.35E-12	3.08E-11	4.20E-09	3.89E-10	5.01E-09
1614	NG_310	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.957	1.67E-08	3.27E-08	1.28E-07	1.68E-09	9.05E-12	1.76E-06	5.36E-09	1.67E-09	3.27E-17	8.68E-10	2.29E-12	1.60E-12	2.54E-11	1.58E-11	9.49E-11	1.50E-12	3.43E-11	4.68E-09	4.33E-10	5.57E-09
1615	NG_311	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.957	1.85E-08	3.62E-08	1.42E-07	1.89E-09	9.98E-12	1.93E-06	5.91E-09	1.85E-09	3.61E-17	9.58E-10	2.53E-12	1.76E-12	2.81E-11	1.75E-11	1.05E-10	1.66E-12	3.78E-11	5.16E-09	4.78E-10	6.15E-09
1616	NG_312	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.957	2.05E-08	4.03E-08	1.59E-07	2.20E-09	1.11E-11	2.12E-06	6.57E-09	2.05E-09	4.01E-17	1.07E-09	2.81E-12	1.95E-12	3.12E-11	1.94E-11	1.16E-10	1.84E-12	4.20E-11	5.74E-09	5.31E-10	6.84E-09

AQIA DATA - SCENARIO 1 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1617	NG_313	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.957	2.30E-08	4.54E-08	1.79E-07	2.64E-09	1.24E-11	2.35E-06	7.37E-09	2.30E-09	4.50E-17	1.19E-09	3.15E-12	2.19E-12	3.50E-11	2.17E-11	1.31E-10	2.06E-12	4.72E-11	6.43E-09	5.96E-10	7.67E-09
1618	NG_314	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.957	2.57E-08	5.10E-08	2.01E-07	3.23E-09	1.39E-11	2.59E-06	8.24E-09	2.57E-09	5.03E-17	1.34E-09	3.52E-12	2.45E-12	3.91E-11	2.43E-11	1.46E-10	2.31E-12	5.27E-11	7.19E-09	6.66E-10	8.57E-09
1619	NG_315	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.957	2.85E-08	5.67E-08	2.22E-07	4.00E-09	1.54E-11	2.84E-06	9.13E-09	2.85E-09	5.57E-17	1.48E-09	3.90E-12	2.71E-12	4.33E-11	2.69E-11	1.62E-10	2.56E-12	5.84E-11	7.97E-09	7.38E-10	9.50E-09
1632	NG_328	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.957	2.95E-08	6.03E-08	2.23E-07	1.08E-08	1.60E-11	3.16E-06	9.47E-09	2.95E-09	5.78E-17	1.53E-09	4.05E-12	2.81E-12	4.49E-11	2.79E-11	1.68E-10	2.65E-12	6.06E-11	8.26E-09	7.65E-10	9.85E-09
1633	NG_329	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.007	1.18E-08	2.28E-08	8.82E-08	1.47E-09	6.33E-12	1.16E-06	3.74E-09	1.17E-09	2.28E-17	6.06E-10	1.62E-12	1.15E-12	1.77E-11	1.11E-11	6.61E-11	1.05E-12	2.38E-11	3.26E-09	3.02E-10	3.88E-09
1634	NG_330	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.007	1.24E-08	2.41E-08	9.33E-08	1.56E-09	6.69E-12	1.24E-06	3.94E-09	1.23E-09	2.41E-17	6.40E-10	1.71E-12	1.22E-12	1.87E-11	1.17E-11	6.98E-11	1.11E-12	2.52E-11	3.44E-09	3.18E-10	4.10E-09
1635	NG_331	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.007	1.30E-08	2.53E-08	9.80E-08	1.65E-09	7.03E-12	1.32E-06	4.14E-09	1.29E-09	2.53E-17	6.72E-10	1.80E-12	1.28E-12	1.97E-11	1.23E-11	7.33E-11	1.16E-12	2.64E-11	3.62E-09	3.34E-10	4.31E-09
1636	NG_332	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.007	1.36E-08	2.66E-08	1.03E-07	1.74E-09	7.37E-12	1.41E-06	4.35E-09	1.36E-09	2.65E-17	7.05E-10	1.88E-12	1.34E-12	2.06E-11	1.29E-11	7.69E-11	1.22E-12	2.77E-11	3.79E-09	3.51E-10	4.52E-09
1637	NG_333	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.007	1.41E-08	2.76E-08	1.07E-07	1.81E-09	7.64E-12	1.48E-06	4.50E-09	1.41E-09	2.75E-17	7.31E-10	1.95E-12	1.39E-12	2.14E-11	1.34E-11	7.97E-11	1.26E-12	2.88E-11	3.93E-09	3.64E-10	4.68E-09
1638	NG_334	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.007	1.45E-08	2.85E-08	1.10E-07	1.86E-09	7.87E-12	1.55E-06	4.64E-09	1.45E-09	2.83E-17	7.53E-10	2.01E-12	1.44E-12	2.20E-11	1.38E-11	8.21E-11	1.30E-12	2.96E-11	4.05E-09	3.75E-10	4.83E-09
1639	NG_335	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.007	1.48E-08	2.90E-08	1.12E-07	1.89E-09	8.03E-12	1.61E-06	4.73E-09	1.48E-09	2.89E-17	7.68E-10	2.05E-12	1.46E-12	2.25E-11	1.40E-11	8.37E-11	1.33E-12	3.02E-11	4.13E-09	3.82E-10	4.92E-09
1640	NG_336	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.007	1.50E-08	2.94E-08	1.14E-07	1.90E-09	8.14E-12	1.66E-06	4.80E-09	1.50E-09	2.93E-17	7.79E-10	2.08E-12	1.48E-12	2.28E-11	1.42E-11	8.50E-11	1.35E-12	3.07E-11	4.19E-09	3.88E-10	4.99E-09
1641	NG_337	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.007	1.49E-08	2.92E-08	1.13E-07	1.86E-09	8.09E-12	1.67E-06	4.77E-09	1.49E-09	2.91E-17	7.74E-10	2.07E-12	1.47E-12	2.26E-11	1.41E-11	8.44E-11	1.34E-12	3.04E-11	4.16E-09	3.85E-10	4.96E-09
1642	NG_338	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.007	1.47E-08	2.86E-08	1.11E-07	1.80E-09	7.95E-12	1.66E-06	4.69E-09	1.46E-09	2.86E-17	7.61E-10	2.03E-12	1.45E-12	2.23E-11	1.39E-11	8.30E-11	1.32E-12	2.99E-11	4.09E-09	3.79E-10	4.88E-09
1643	NG_339	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.007	1.42E-08	2.77E-08	1.07E-07	1.71E-09	7.70E-12	1.61E-06	4.54E-09	1.42E-09	2.77E-17	7.37E-10	1.97E-12	1.40E-12	2.16E-11	1.35E-11	8.04E-11	1.27E-12	2.90E-11	3.96E-09	3.67E-10	4.72E-09
1644	NG_340	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.007	1.38E-08	2.67E-08	1.03E-07	1.63E-09	7.47E-12	1.56E-06	4.41E-09	1.37E-09	2.69E-17	7.15E-10	1.91E-12	1.36E-12	2.09E-11	1.31E-11	7.80E-11	1.24E-12	2.81E-11	3.84E-09	3.56E-10	4.58E-09
1645	NG_341	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.007	1.33E-08	2.58E-08	9.82E-08	1.55E-09	7.21E-12	1.49E-06	4.26E-09	1.33E-09	2.60E-17	6.90E-10	1.84E-12	1.31E-12	2.02E-11	1.26E-11	7.53E-11	1.19E-12	2.72E-11	3.71E-09	3.44E-10	4.43E-09
1646	NG_342	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.007	1.29E-08	2.49E-08	9.43E-08	1.50E-09	6.99E-12	1.43E-06	4.12E-09	1.29E-09	2.52E-17	6.69E-10	1.78E-12	1.27E-12	1.96E-11	1.22E-11	7.30E-11	1.16E-12	2.63E-11	3.60E-09	3.33E-10	4.29E-09
1647	NG_343	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.007	1.24E-08	2.40E-08	9.00E-08	1.44E-09	6.73E-12	1.36E-06	3.97E-09	1.24E-09	2.43E-17	6.44E-10	1.72E-12	1.22E-12	1.89E-11	1.18E-11	7.03E-11	1.11E-12	2.54E-11	3.47E-09	3.21E-10	4.13E-09
1648	NG_344	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.007	1.20E-08	2.32E-08	8.64E-08	1.38E-09	6.51E-12	1.30E-06	3.84E-09	1.20E-09	2.35E-17	6.23E-10	1.66E-12	1.17E-12	1.82E-11	1.14E-11	6.80E-11	1.08E-12	2.45E-11	3.35E-09	3.10E-10	4.00E-09
1649	NG_345	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.007	1.17E-08	2.25E-08	8.36E-08	1.32E-09	6.34E-12	1.25E-06	3.74E-09	1.17E-09	2.29E-17	6.07E-10	1.61E-12	1.14E-12	1.78E-11	1.11E-11	6.63E-11	1.05E-12	2.39E-11	3.27E-09	3.02E-10	3.89E-09
1650	NG_346	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.007	1.18E-08	2.26E-08	8.39E-08	1.29E-09	6.36E-12	1.24E-06	3.76E-09	1.17E-09	2.29E-17	6.09E-10	1.62E-12	1.14E-12	1.78E-11	1.11E-11	6.65E-11	1.05E-12	2.40E-11	3.28E-09	3.03E-10	3.91E-09
1651	NG_347	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.007	1.23E-08	2.37E-08	8.82E-08	1.31E-09	6.64E-12	1.29E-06	3.93E-09	1.23E-09	2.40E-17	6.36E-10	1.69E-12	1.18E-12	1.86E-11	1.16E-11	6.95E-11	1.10E-12	2.51E-11	3.43E-09	3.17E-10	4.08E-09
1652	NG_348	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.007	1.34E-08	2.60E-08	9.77E-08	1.40E-09	7.26E-12	1.41E-06	4.30E-09	1.34E-09	2.62E-17	6.97E-10	1.84E-12	1.29E-12	2.04E-11	1.27E-11	7.61E-11	1.20E-12	2.75E-11	3.75E-09	3.47E-10	4.47E-09
1653	NG_349	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.007	1.52E-08	2.95E-08	1.12E-07	1.56E-09	8.21E-12	1.61E-06	4.86E-09	1.52E-09	2.97E-17	7.88E-10	2.08E-12	1.46E-12	2.31E-11	1.44E-11	8.61E-11	1.36E-12	3.11E-11	4.24E-09	3.93E-10	5.06E-09
1654	NG_350	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.007	1.72E-08	3.37E-08	1.29E-07	1.77E-09	9.33E-12	1.83E-06	5.52E-09	1.72E-09	3.37E-17	8.95E-10	2.37E-12	1.65E-12	2.62E-11	1.63E-11	9.78E-11	1.55E-12	3.53E-11	4.82E-09	4.46E-10	5.75E-09
1655	NG_351	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.007	1.94E-08	3.81E-08	1.47E-07	2.03E-09	1.05E-11	2.07E-06	6.23E-09	1.94E-09	3.80E-17	1.01E-09	2.67E-12	1.86E-12	2.96E-11	1.84E-11	1.10E-10	1.74E-12	3.98E-11	5.44E-09	5.03E-10	6.48E-09
1656	NG_352	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.007	2.18E-08	4.28E-08	1.67E-07	2.36E-09	1.18E-11	2.30E-06	6.99E-09	2.18E-09	4.27E-17	1.13E-09	2.99E-12	2.08E-12	3.32E-11	2.06E-11	1.24E-10	1.96E-12	4.47E-11	6.10E-09	5.64E-10	7.27E-09
1657	NG_353	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.007	2.46E-08	4.86E-08	1.90E-07	2.82E-09	1.33E-11	2.57E-06	7.90E-09	2.47E-09	4.82E-17	1.28E-09	3.38E-12	2.35E-12	3.75E-11	2.33E-11	1.40E-10	2.21E-12	5.05E-11	6.90E-09	6.38E-10	8.22E-09
1658	NG_354	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.007	2.79E-08	5.53E-08	2.16E-07	3.46E-09	1.51E-11	2.86E-06	8.96E-09	2.80E-09	5.47E-17	1.45E-09	3.83E-12	2.66E-12	4.25E-11	2.64E-11	1.59E-10	2.51E-12	5.73E-11	7.82E-09	7.24E-10	9.32E-09
1674	NG_370	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.057	1.20E-08	2.32E-08	8.89E-08	1.61E-09	6.47E-12	1.20E-06	3.82E-09	1.19E-09	2.33E-17	6.19E-10	1.65E-12	1.18E-12	1.81E-11	1.13E-11	6.76E-11	1.07E-12	2.44E-11	3.33E-09	3.08E-10	3.97E-09
1675	NG_371	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.057	1.27E-08	2.48E-08	9.46E-08	1.73E-09	6.88E-12	1.28E-06	4.06E-09	1.27E-09	2.48E-17	6.58E-10	1.76E-12	1.25E-12	1.93E-11	1.20E-11	7.18E-11	1.14E-12	2.59E-11	3.54E-09	3.28E-10	4.22E-09
1676	NG_372	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.057	1.35E-08	2.64E-08	1.01E-07	1.86E-09	7.32E-12	1.39E-06	4.32E-09	1.35E-09	2.64E-17	7.00E-10	1.87E-12	1.33E-12	2.05E-11	1.28E-11	7.64E-11	1.21E-12	2.76E-11	3.77E-09	3.49E-10	4.49E-09
1677	NG_373	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.057	1.44E-08	2.82E-08	1.08E-07	2.00E-09	7.80E-12	1.50E-06	4.60E-09	1.43E-09	2.81E-17	7.46E-10	1.99E-12	1.42E-12	2.18E-11	1.36E-11	8.13E-11	1.29E-12	2.93E-11	4.01E-09	3.71E-10	4.78E-09
1678	NG_374	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.057	1.52E-08	2.99E-08	1.14E-07	2.12E-09	8.26E-12	1.62E-06	4.87E-09	1.52E-09	2.97E-17	7.90E-10	2.11E-12	1.51E-12	2.31E-11	1.44E-11	8.62E-11	1.37E-12	3.11E-11	4.25E-09	3.93E-10	5.07E-09
1679	NG_375	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.057	1.59E-08	3.14E-08	1.20E-07	2.23E-09	8.65E-12	1.72E-06	5.10E-09	1.59E-09	3.11E-17	8.27E-10	2.21E-12	1.58E-12	2.42E-11	1.51E-11	9.02E-11	1.43E-12	3.25E-11	4.45E-09	4.11E-10	5.30E-09
1680	NG_376	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.057	1.66E-08	3.27E-08	1.24E-07	2.31E-09	9.00E-12	1.82E-06	5.31E-09	1.65E-09	3.24E-17	8.61E-10	2.30E-12	1.64E-12	2.52E-11	1.57E-11	9.39E-11	1.49E-12	3.39E-11	4.63E-09	4.28E-10	5.52E-09
1681	NG_377	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.057	1.71E-08	3.38E-08	1.29E-07	2.37E-09	9.30E-12	1.93E-06	5.48E-09	1.71E-09	3.35E-17	8.89E-10	2.38E-12	1.70E-12	2.60E-11	1.63E-11	9.70E-11	1.54E-12	3.50E-11	4.78E-09	4.43E-10	5.70E-09
1682	NG_378	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.057	1.74E-08	3.44E-08	1.31E-07	2.38E-09	9.47E-12	2.01E-06	5.58E-09	1.74E-09	3.41E-17	9.06E-10	2.42E-12	1.73E-12	2.65E-11	1.66E-11	9.88E-11	1.57E-12	3.56E-11	4.87E-09	4.51E-10	5.81E-09
1683	NG_379	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.057	1.73E-08	3.41E-08	1.31E-07	2.32E-09	9.42E-12	2.02E-06	5.55E-09	1.73E-09	3.39E-17	9.01E-10	2.41E-12	1.72E-12	2.64E-11	1.65E-11	9.83E-11	1.56E-12	3.55E-11	4.85E-09	4.48E-10	5.78E-09
1684	NG_380	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.057	1.69E-08	3.32E-08	1.27E-07	2.21E-09	9.19E-12	1.97E-06	5.42E-09	1.69E-09	3.31E-17	8.79E-10	2.35E-12	1.67E-12	2.57E-11	1.61E-11	9.59E-11	1.52E-12	3.46E-11	4.73E-09	4.37E-10	5.63E-09
1685	NG_381	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.057	1.63E-08	3.19E-08	1.21E-07	2.09E-09	8.87E-12	1.90E-06	5.23E-09	1.63E-09	3.19E-17	8.49E-10	2.27E-12	1.61E-12	2.49E-11	1.55E-11	9.26E-11	1.47E-12	3.34E-11	4.57E-09	4.23E-10	5.44E-09
1686	NG_382	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.057	1.58E-08	3.07E-08	1.16E-07	1.99E-09	8.55E-12	1.82E-06	5.04E-09	1.57E-09	3.08E-17	8.18E-10	2.18E-12	1.55E-12	2.39E-11	1.49E-11	8.93E-11	1.41E-12	3.22E-11	4.40E-09	4.07E-10	5.24E-09
1687	NG_383	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.057	1.51E-08	2.94E-08	1.10E-07	1.91E-09	8.19E-12	1.73E-06	4.83E-09	1.51E-09	2.95E-17	7.84E-10	2.09E-12	1.49E-12	2.30E-11	1.43E-11	8.55E-11	1.36E-12	3.09E-11	4.22E-09	3.90E-10	5.03E-09
1688	NG_384	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.057	1.44E-08	2.80E-08	1.04E-07	1.83E-09	7.83E-12	1.64E-06	4.62E-09	1.44E-09	2.82E-17	7.49E-10	2.00E-12	1.42E-12	2.19E-11	1.37E-11	8.18E-11	1.30E-12	2.95E-11	4.03E-09	3.73E-10	4.81E-09
1689	NG_385	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.057	1.39E-08	2.69E-08	9.87E-08	1.74E-09	7.52E-12	1.55E-06	4.44E-09	1.39E-09	2.71E-17	7.20E-10	1.92E-12	1.36E-12	2.11E-11	1.32E-11	7.86E-11	1.25E-12	2.84E-11	3.88E-09	3.59E-10	4.62E-09
1690	NG_386	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.057	1.35E-08	2.61E-08	9.54E-08	1.66E-09	7.31E-12	1.48E-06	4.32E-09	1.35E-09	2.64E-17	7.00E-10	1.86E-12	1.31E-12	2.05E-11	1.28E-11	7.64E-11	1.21E-12	2.76E-11	3.77E-09	3.49E-10	4.49E-09
1691	NG_387	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.057	1.34E-08	2.59E-08	9.48E-08	1.59E-09	7.27E-12	1.45E-06	4.30E-09	1.34E-09	2.62E-17	6.97E-10	1.85E-12	1.30E-12	2.04E-11	1.27E-11	7.61E-11	1.20E-12	2.75E-11	3.75E-09	3.47E-10	4.47E-09
1692	NG_388	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.057	1.40E-08	2.71E-08	9.96E-08	1.59E-09	7.59E-12	1.50E-06	4.49E-09	1.40E-09	2.74E-17	7.28E-10	1.93E-12	1.35E-12	2.13E-11	1.33E-11	7.95E-11	1.26E-12	2.87E-11	3.92E-09	3.63E-10	4.67E-09
1693	NG_389	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.057	1.55E-08	3.00E-08	1.12E-07	1.70E-09	8.39E-12	1.66E-06	4.97E-09	1.55E-09	3.03E-17	8.05E-10	2.13E-12	1.49E-12	2.36E-11	1.47E-11	8.79E-11	1.39E-12	3.17E-11	4.33E-09	4.01E-10	5.16E-09
1694	NG_390	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.057	1.78E-08	3.46E-08	1.30E-07	1.91E-09	9.62E-12	1.91E-06	5.70E-09	1.78E-09	3.48E-17	9.23E-10	2.44E-12	1.71E-12	2.70E-11	1.68E-11	1.01E-10	1.60E-12	3.64E-11	4.97E-09	4.60E-10	5.92E-09
1695	NG_391	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.057	2.05E-08	4.01E-08	1.53E-07	2.21E-09	1.11E-11	2.22E-06	6.58E-09	2.05E-09	4.02E-17	1.07E-09	2.82E-12	1.96E-12	3.12E-11	1.94E-11	1.16E-10	1.84E-12	4.21E-11	5.74E-09	5.31E-10	6.84E-09
1696	NG_392	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.057	2.34E-08	4.59E-08	1.76E-07	2.59E-09	1.27E-11	2.52E-06	7.50E-09	2.34E-09	4.58E-17	1.22E-09	3.21E-12	2.23E-12	3.56E-11	2.21E-11	1.33E-10	2.10E-12	4.80E-11	6.55E-09	6.06E-10	7.80E-09
1697	NG_393	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.057	2.65E-08	5.22E-08	2.01E-07	3.13E-09	1.44E-11	2.82E-06	8.51E-09	2.66E-09	5.20E-17	1.38E-09	3.64E-12	2.53E-12	4.04E-11	2.51E-11	1.51E-10	2.38E-12	5.45E-11	7.43E-09	6.88E-10	8.86E-09
1698	NG_394	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.057	3.03E-08	5.98E-08	2.31E-07	3.84E-09	1.64E-11	3.16E-06	9.72E-09	3.03E-09	5.93E-17	1.57E-09	4.15E-12	2.89E-12	4.61E-11	2.87E-11	1.72E-10	2.72E-12	6.22E-11	8.48E-09	7.85E-10	1.01E-08
1699	NG_395	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.057	3.48E-08	6.91E-08	2.68E-07	4.79E-09	1.89E-11	3.58E-06	1.12E-08	3.49E-09	6.82E-17	1.81E-09	4.78E-12	3.32E-12	5.30E-11	3.30E-11	1.98E-10	3.13E-12	7.15E-11	9.75E-09	9.03E-10	1.16E-08
1715	NG_411	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.107	1.21E-08	2.35E-08	8.85E-08	1.76E-09	6.54E-12	1.22E-06	3.86E-09	1.20E-09	2.36E-17	6.26E-10	1.67E-12	1.19E-12	1.83E-11	1.14E-11	6.83E-11	1.08E-12	2.46E-11	3.37E-09	3.11E-10	4.01E-09
1716	NG_412	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.107	1.29E-08	2.51E-08	9.44E-08	1.90E-09	6.97E-12	1.32E-06	4.11E-09	1.28E-09	2.51E-17	6.67E-10	1.78E-12	1.27E-12	1.95E-11	1.22E-11	7.28E-11	1.15E-12	2.63E-11	3.59E-09	3.32E-10	4.28E-09
1717	NG_413	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.107	1.38E-08	2.70E-08	1.02E-07	2.08E-09	7.50E-12	1.44E-06	4.42E-09	1.38E-09	2.70E-17	7.17E-10	1.91E-12	1.36E-12	2.10E-11	1.31E-11	7.82E-11	1.24E-12	2.82E-11	3.86E-09	3.57E-10	4.60E-09
1718	NG_414	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.107	1.50E-08	2.93E-08	1.10E-07	2.27E-09	8.11E-12	1.58E-06	4.78E-09	1.49E-09	2.92E-17	7.75E-10	2.07E-12	1.48E-12	2.27E-11	1.42E-11	8.46E-11	1.34E-12	3.05E-11	4.17E-09	3.86E-10	4.97E-09
1719	NG_415	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.107	1.61E-08	3.16E-08	1.19E-07	2.46E-09	8.72E-12	1.73E-06	5.14E-09	1.60E-09	3.14E-17	8.34E-10	2.23E-12	1.59E-12	2.44E-11	1.52E-11	9.10E-11	1.44E-12	3.28E-11	4.49E-09	4.15E-10	5.35E-09
1720	NG_416	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.107	1.70E-08	3.36E-08	1.26E-07	2.62E-09	9.25E-12	1.86E-06	5.46E-09	1.70E-09	3.33E-17	8.85E-10	2.36E-12	1.69E-12	2.59E-11	1.62E-11	9.66E-11	1.53E-12	3.48E-11	4.76E-09	4.40E-10	5.67E-09
1721	NG_417	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.107	1.81E-08	3.57E-08	1.34E-07	2.78E-09	9.82E-12	2.00E-06	5.79E-09	1.81E-09	3.53E-17	9.39E-10	2.51E-12	1.79E-12	2.75E-11	1.72E-11	1.02E-10	1.63E-12	3.70E-11	5.05E-09	4.67E-10	6.02E-09
1722	NG_418	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.107	1.92E-08	3.80E-08	1.43E-07	2.94E-09	1.05E-11	2.19E-06	6.16E-09	1.92E-09	3.76E-17	9.99E-10	2.67E-12	1.91E-12	2.93E-11	1.83E-11	1.09E-10	1.73E-12	3.93E-11	5.38E-09	4.97E-10	6.41E-09
1723	NG_419	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.107	2.01E-08	3.98E-08	1.50E-07	3.03E-09	1.09E-11	2.35E-06	6.44E-09	2.01E-09	3.93E-17	1.05E-09	2.79E-12	1.99E-12	3.06E-11	1.91E-11	1.14E-10	1.81E-12	4.11E-11	5.62E-09	5.20E-10	6.70E-09
1724	NG_420	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.107	2.04E-08	4.03E-08	1.52E-07	2.99E-09	1.11E-11	2.41E-06	6.53E-09	2.04E-09	3.99E-17	1.06E-09	2.83E-12	2.02E-12	3.10E-11	1.94E-11	1.16E-10	1.83E-12	4.17E-11	5.70E-09	5.27E-10	6.79E-09
1725	NG_421	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.107	2.01E-08	3.97E-08	1.49E-07	2.87E-09	1.09E-11	2.39E-06	6.44E-09	2.01E-09	3.93E-17	1.05E-09	2.79E-12	1.99E-12	3.06E-11	1.91E-11	1.14E-10	1.81E-12	4.11E-11	5.62E-09	5.20E-10	6.70E-09
1726	NG_422	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.107	1.96E-08	3.85E-08	1.45E-07	2.74E-09	1.06E-11	2.34E-06	6.28E-09	1.96E-09	3.83E-17	1.02E-09	2.72E-12	1.94E-12	2.98E-11	1.86E-11	1.11E-10	1.76E-12	4.01E-11	5.48E-09	5.07E-10	6.53E-09
1727	NG_423	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.107	1.89E-08	3.70E-08	1.38E-07	2.61E-09	1.02E-11	2.25E-06	6.04E-09	1.88E-09	3.69E-17	9.80E-10	2.62E-12	1.86E-12	2.87E-11	1.79E-11	1.07E-10	1.70E-12	3.86E-11	5.27E-09	4.88E-10	6.28E-09
1728	NG_424	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.107	1.80E-08	3.52E-08	1.30E-07	2.50E-09	9.77E-12	2.14E-06	5.77E-09	1.80E-09	3.52E-17	9.35E-10	2.49E-12	1.77E-12	2.74E-11	1.71E-11	1.02E-10	1.62E-12	3.68E-11	5.03E-09	4.65E-10	6.00E-09
1729	NG_425	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.107	1.71E-08	3.33E-08	1.22E-07	2.38E-09	9.27E-12	2.00E-06	5.47E-09	1.71E-09	3.34E-17	8.87E-10	2.36E-12	1.68E-12	2.60E-11	1.62E-11	9.68E-11	1.53E-12	3.49E-11	4.77E-09	4.42E-10	5.69E-09
1730	NG_426	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.107	1.63E-08	3.18E-08	1.15E-07	2.25E-09	8.87E-12	1.89E-06	5.24E-09	1.63E-09	3.20E-17	8.49E-10	2.26E-12	1.60E-12	2.49E-11	1.55E-11	9.27E-11	1.47E-12	3.34E-11	4.57E-09	4.23E-10	5.45E-09
1732	NG_428	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.107	1.55E-08	3.00E-08	1.08E-07	1.99E-09	8.41E-12	1.72E-06	4.97E-09	1.55E-09	3.04E-17	8.06E-10	2.14E-12	1.51E-12	2.36E-11	1.47E-11	8.80E-11	1.39E-12	3.18E-11	4.34E-09	4.02E-10	5.17E-09
1733	NG_429	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.107	1.61E-08	3.11E-08	1.13E-07	1.95E-09	8.72E-12	1.76E-06	5.16E-09	1.61E-09	3.15E-17	8.36E-10	2.22E-12	1.56E-12	2.45E-11	1.52E-11	9.13E-11	1.45E-12	3.30E-11	4.50E-09	4.16E-10	5.36E-09
1734	NG_430	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.107	1.79E-08	3.48E-08	1.28E-07	2.08E-09	9.72E-12	1.95E-06	5.75E-09	1.80E-09	3.51E-17	9.32E-10	2.47E-12	1.73E-12	2.73E-11	1.70E-11	1.02E-10	1.61E-12	3.68E-11	5.02E-09	4.65E-10	5.98E-09
1735	NG_431	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.107	2.10E-08	4.10E-08	1.53E-07	2.37E-09	1.14E-11	2.30E-06	6.74E-09	2.10E-09	4.11E-17	1.09E-09	2.89E-12	2.02E-12	3.20E-11	1.99E-11	1.19E-10	1.89E-12	4.31E-11	5.88E-09	5.44E-10	7.01E-09
1736	NG_432	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.107	2.49E-08	4.88E-08	1.84E-07	2.84E-09	1.35E-11	2.74E-06	7.98E-09	2.49E-09	4.87E-17	1.29E-09	3.42E-12	2.38E-12	3.79E-11	2.36E-11	1.41E-10	2.23E-12	5.10E-11	6.97E-09	6.45E-10	8.30E-09
1737	NG_433	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.107	2.90E-08	5.71E-08	2.17E-07	3.54E-09	1.57E-11	3.19E-06	9.32E-09	2.91E-09	5.69E-17	1.51E-09	3.98E-12	2.77E-12	4.42E-11	2.75E-11	1.65E-10	2.61E-12	5.96E-11	8.13E-09	7.53E-10	9.69E-09
1738	NG_434	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.107	3.33E-08	6.58E-08	2.50E-07	4.47E-09	1.80E-11	3.58E-06	1.07E-08	3.34E-09	6.53E-17	1.73E-09	4.57E-12	3.18E-12	5.08E-11	3.16E-11	1.89E-10	2.99E-12	6.84E-11	9.34E-09	8.64E-10	1.11E-08
1739	NG_435	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.107	3.86E-08	7.65E-08	2.93E-07	5.66E-09	2.09E-11	4.07E-06	1.24E-08	3.87E-09	7.57E-17	2.01E-09	5.30E-12	3.69E-12	5.89E-11	3.66E-11	2.20E-10	3.47E-12	7.93E-11	1.08E-08	1.00E-09	1.29E-08
1740	NG_436	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.107	4.47E-08	8.89E-08	3.41E-07	7.07E-09	2.42E-11	4.64E-06	1.43E-08	4.48E-09	8.76E-17	2.32E-09	6.13E-12	4.26E-12	6.81E-11	4.23E-11	2.54E-10	4.01E-12	9.17E-11	1.25E-08	1.16E-09	1.49E-08
1756	NG_452	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.157	1.21E-08	2.35E-08	8.74E-08	1.92E-09	6.56E-12	1.25E-06	3.87E-09	1.21E-09	2.36E-17	6.28E-10	1.67E-12	1.19E-12	1.84E-11	1.15E-11	6.85E-11	1.09E-12	2.47E-11	3.38E-09	3.12E-10	4.03E-09
1757	NG_453	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.157	1.30E-08	2.53E-08	9.38E-08	2.10E-09	7.04E-12	1.36E-06	4.15E-09	1.30E-09	2.53E-17	6.73E-10	1.80E-12	1.28E-12	1.97E-11	1.23E-11	7.35E-11	1.16E-12	2.65E-11	3.62E-09	3.35E-10	4.32E-09

AQIA DATA - SCENARIO 1 GRID MAX

Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1758	NG_454	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.157	1.40E-08	2.74E-08	1.02E-07	2.32E-09	7.61E-12	1.49E-06	4.49E-09	1.40E-09	2.74E-17	7.28E-10	1.94E-12	1.38E-12	2.13E-11	1.33E-11	7.94E-11	1.26E-12	2.87E-11	3.92E-09	3.62E-10	4.67E-09
1759	NG_455	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.157	1.52E-08	2.99E-08	1.10E-07	2.55E-09	8.26E-12	1.64E-06	4.87E-09	1.52E-09	2.98E-17	7.91E-10	2.11E-12	1.50E-12	2.32E-11	1.44E-11	8.63E-11	1.37E-12	3.11E-11	4.25E-09	3.94E-10	5.07E-09
1760	NG_456	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.157	1.66E-08	3.26E-08	1.20E-07	2.80E-09	9.00E-12	1.81E-06	5.31E-09	1.66E-09	3.24E-17	8.61E-10	2.30E-12	1.64E-12	2.52E-11	1.57E-11	9.39E-11	1.49E-12	3.39E-11	4.63E-09	4.28E-10	5.52E-09
1761	NG_457	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.157	1.79E-08	3.53E-08	1.30E-07	3.04E-09	9.72E-12	1.98E-06	5.73E-09	1.79E-09	3.50E-17	9.30E-10	2.48E-12	1.77E-12	2.72E-11	1.70E-11	1.01E-10	1.61E-12	3.66E-11	5.00E-09	4.63E-10	5.96E-09
1762	NG_458	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.157	1.93E-08	3.82E-08	1.41E-07	3.28E-09	1.05E-11	2.17E-06	6.20E-09	1.93E-09	3.78E-17	1.01E-09	2.69E-12	1.92E-12	2.94E-11	1.84E-11	1.10E-10	1.74E-12	3.96E-11	5.41E-09	5.00E-10	6.45E-09
1763	NG_459	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.157	2.10E-08	4.16E-08	1.53E-07	3.55E-09	1.14E-11	2.41E-06	6.73E-09	2.10E-09	4.11E-17	1.09E-09	2.92E-12	2.08E-12	3.20E-11	2.00E-11	1.19E-10	1.89E-12	4.30E-11	5.87E-09	5.43E-10	7.00E-09
1764	NG_460	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.157	2.25E-08	4.47E-08	1.65E-07	3.75E-09	1.23E-11	2.63E-06	7.22E-09	2.25E-09	4.41E-17	1.17E-09	3.13E-12	2.23E-12	3.43E-11	2.14E-11	1.28E-10	2.03E-12	4.61E-11	6.30E-09	5.83E-10	7.51E-09
1765	NG_461	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.157	2.35E-08	4.66E-08	1.72E-07	3.81E-09	1.28E-11	2.79E-06	7.54E-09	2.35E-09	4.60E-17	1.22E-09	3.27E-12	2.33E-12	3.58E-11	2.24E-11	1.33E-10	2.12E-12	4.81E-11	6.58E-09	6.09E-10	7.84E-09
1766	NG_462	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.157	2.38E-08	4.72E-08	1.75E-07	3.74E-09	1.30E-11	2.85E-06	7.64E-09	2.38E-09	4.66E-17	1.24E-09	3.31E-12	2.36E-12	3.63E-11	2.26E-11	1.35E-10	2.14E-12	4.88E-11	6.66E-09	6.16E-10	7.94E-09
1767	NG_463	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.157	2.36E-08	4.67E-08	1.72E-07	3.63E-09	1.28E-11	2.86E-06	7.57E-09	2.36E-09	4.62E-17	1.23E-09	3.28E-12	2.34E-12	3.59E-11	2.24E-11	1.34E-10	2.12E-12	4.83E-11	6.60E-09	6.11E-10	7.87E-09
1768	NG_464	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.157	2.30E-08	4.54E-08	1.67E-07	3.51E-09	1.25E-11	2.80E-06	7.38E-09	2.30E-09	4.50E-17	1.20E-09	3.19E-12	2.27E-12	3.50E-11	2.19E-11	1.31E-10	2.07E-12	4.71E-11	6.44E-09	5.95E-10	7.67E-09
1769	NG_465	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.157	2.20E-08	4.32E-08	1.57E-07	3.35E-09	1.20E-11	2.68E-06	7.05E-09	2.20E-09	4.30E-17	1.14E-09	3.05E-12	2.17E-12	3.35E-11	2.09E-11	1.25E-10	1.98E-12	4.50E-11	6.15E-09	5.69E-10	7.33E-09
1770	NG_466	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.157	2.07E-08	4.06E-08	1.46E-07	3.16E-09	1.13E-11	2.51E-06	6.64E-09	2.07E-09	4.06E-17	1.08E-09	2.87E-12	2.04E-12	3.15E-11	1.97E-11	1.18E-10	1.86E-12	4.24E-11	5.80E-09	5.36E-10	6.91E-09
1771	NG_467	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.157	1.96E-08	3.82E-08	1.37E-07	2.95E-09	1.06E-11	2.34E-06	6.27E-09	1.96E-09	3.83E-17	1.02E-09	2.71E-12	1.92E-12	2.98E-11	1.86E-11	1.11E-10	1.76E-12	4.01E-11	5.48E-09	5.07E-10	6.52E-09
1774	NG_470	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.157	1.86E-08	3.60E-08	1.29E-07	2.44E-09	1.01E-11	2.08E-06	5.95E-09	1.86E-09	3.64E-17	9.65E-10	2.56E-12	1.80E-12	2.83E-11	1.76E-11	1.05E-10	1.67E-12	3.81E-11	5.20E-09	4.81E-10	6.19E-09
1775	NG_471	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.157	2.08E-08	4.04E-08	1.46E-07	2.57E-09	1.13E-11	2.31E-06	6.66E-09	2.08E-09	4.07E-17	1.08E-09	2.86E-12	2.00E-12	3.16E-11	1.97E-11	1.18E-10	1.87E-12	4.26E-11	5.82E-09	5.38E-10	6.93E-09
1776	NG_472	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.157	2.47E-08	4.84E-08	1.78E-07	2.99E-09	1.34E-11	2.75E-06	7.93E-09	2.48E-09	4.84E-17	1.29E-09	3.40E-12	2.37E-12	3.77E-11	2.34E-11	1.40E-10	2.22E-12	5.07E-11	6.92E-09	6.41E-10	8.25E-09
1777	NG_473	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.157	3.01E-08	5.91E-08	2.19E-07	3.77E-09	1.63E-11	3.37E-06	9.66E-09	3.01E-09	5.90E-17	1.56E-09	4.13E-12	2.88E-12	4.58E-11	2.85E-11	1.71E-10	2.70E-12	6.18E-11	8.43E-09	7.80E-10	1.00E-08
1778	NG_474	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.157	3.65E-08	7.21E-08	2.69E-07	5.19E-09	1.98E-11	4.07E-06	1.17E-08	3.66E-09	7.16E-17	1.90E-09	5.01E-12	3.49E-12	5.56E-11	3.46E-11	2.08E-10	3.28E-12	7.50E-11	1.02E-08	9.47E-10	1.22E-08
1779	NG_475	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.157	4.38E-08	8.68E-08	3.26E-07	7.10E-09	2.37E-11	4.81E-06	1.41E-08	4.39E-09	8.59E-17	2.28E-09	6.01E-12	4.18E-12	6.67E-11	4.15E-11	2.49E-10	3.94E-12	8.99E-11	1.23E-08	1.14E-09	1.46E-08
1780	NG_476	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.157	5.18E-08	1.03E-07	3.89E-07	9.19E-09	2.81E-11	5.57E-06	1.66E-08	5.19E-09	1.02E-16	2.70E-09	7.11E-12	4.94E-12	7.90E-11	4.91E-11	2.95E-10	4.66E-12	1.06E-10	1.45E-08	1.34E-09	1.73E-08
1781	NG_477	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.157	5.96E-08	1.19E-07	4.52E-07	1.13E-08	3.23E-11	6.32E-06	1.91E-08	5.97E-09	1.17E-16	3.10E-09	8.18E-12	5.68E-12	9.08E-11	5.65E-11	3.39E-10	5.36E-12	1.22E-10	1.67E-08	1.55E-09	1.99E-08
1797	NG_493	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.207	1.22E-08	2.35E-08	8.63E-08	2.10E-09	6.58E-12	1.29E-06	3.88E-09	1.21E-09	2.37E-17	6.30E-10	1.68E-12	1.19E-12	1.84E-11	1.15E-11	6.87E-11	1.09E-12	2.48E-11	3.39E-09	3.13E-10	4.04E-09
1798	NG_494	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.207	1.31E-08	2.54E-08	9.30E-08	2.32E-09	7.09E-12	1.41E-06	4.18E-09	1.30E-09	2.55E-17	6.78E-10	1.81E-12	1.28E-12	1.99E-11	1.24E-11	7.40E-11	1.17E-12	2.67E-11	3.65E-09	3.38E-10	4.35E-09
1799	NG_495	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.207	1.41E-08	2.75E-08	1.00E-07	2.57E-09	7.66E-12	1.54E-06	4.52E-09	1.41E-09	2.76E-17	7.33E-10	1.95E-12	1.39E-12	2.15E-11	1.34E-11	8.00E-11	1.27E-12	2.89E-11	3.94E-09	3.65E-10	4.70E-09
1800	NG_496	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.207	1.54E-08	3.02E-08	1.10E-07	2.85E-09	8.36E-12	1.71E-06	4.93E-09	1.54E-09	3.01E-17	8.00E-10	2.13E-12	1.52E-12	2.34E-11	1.46E-11	8.73E-11	1.38E-12	3.15E-11	4.31E-09	3.98E-10	5.13E-09
1801	NG_497	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.207	1.68E-08	3.31E-08	1.20E-07	3.14E-09	9.14E-12	1.88E-06	5.39E-09	1.68E-09	3.29E-17	8.74E-10	2.33E-12	1.66E-12	2.56E-11	1.60E-11	9.54E-11	1.51E-12	3.44E-11	4.70E-09	4.35E-10	5.61E-09
1802	NG_498	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.207	1.84E-08	3.63E-08	1.32E-07	3.45E-09	1.00E-11	2.08E-06	5.91E-09	1.84E-09	3.61E-17	9.58E-10	2.56E-12	1.82E-12	2.81E-11	1.75E-11	1.05E-10	1.66E-12	3.77E-11	5.16E-09	4.77E-10	6.15E-09
1803	NG_499	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.207	2.02E-08	3.99E-08	1.44E-07	3.78E-09	1.10E-11	2.31E-06	6.48E-09	2.02E-09	3.96E-17	1.05E-09	2.81E-12	2.00E-12	3.08E-11	1.92E-11	1.15E-10	1.82E-12	4.14E-11	5.66E-09	5.23E-10	6.74E-09
1804	NG_500	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.207	2.23E-08	4.43E-08	1.60E-07	4.14E-09	1.22E-11	2.58E-06	7.17E-09	2.24E-09	4.37E-17	1.16E-09	3.10E-12	2.21E-12	3.40E-11	2.12E-11	1.27E-10	2.01E-12	4.58E-11	6.25E-09	5.79E-10	7.45E-09
1805	NG_501	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.207	2.45E-08	4.86E-08	1.76E-07	4.46E-09	1.33E-11	2.87E-06	7.86E-09	2.45E-09	4.80E-17	1.28E-09	3.41E-12	2.43E-12	3.73E-11	2.33E-11	1.39E-10	2.21E-12	5.02E-11	6.86E-09	6.35E-10	8.18E-09
1806	NG_502	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.207	2.64E-08	5.25E-08	1.91E-07	4.68E-09	1.44E-11	3.14E-06	8.49E-09	2.65E-09	5.18E-17	1.38E-09	3.68E-12	2.62E-12	4.03E-11	2.52E-11	1.50E-10	2.38E-12	5.42E-11	7.41E-09	6.85E-10	8.82E-09
1807	NG_503	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.207	2.77E-08	5.50E-08	2.00E-07	4.75E-09	1.51E-11	3.32E-06	8.88E-09	2.77E-09	5.42E-17	1.44E-09	3.85E-12	2.74E-12	4.22E-11	2.63E-11	1.57E-10	2.49E-12	5.67E-11	7.75E-09	7.16E-10	9.23E-09
1808	NG_504	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.207	2.84E-08	5.64E-08	2.05E-07	4.79E-09	1.55E-11	3.47E-06	9.12E-09	2.85E-09	5.57E-17	1.48E-09	3.95E-12	2.82E-12	4.33E-11	2.70E-11	1.61E-10	2.56E-12	5.82E-11	7.96E-09	7.37E-10	9.49E-09
1809	NG_505	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.207	2.84E-08	5.62E-08	2.03E-07	4.74E-09	1.54E-11	3.50E-06	9.10E-09	2.84E-09	5.56E-17	1.48E-09	3.94E-12	2.81E-12	4.32E-11	2.70E-11	1.61E-10	2.55E-12	5.81E-11	7.94E-09	7.35E-10	9.47E-09
1810	NG_506	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.207	2.74E-08	5.41E-08	1.95E-07	4.58E-09	1.49E-11	3.41E-06	8.79E-09	2.74E-09	5.36E-17	1.43E-09	3.80E-12	2.71E-12	4.17E-11	2.60E-11	1.56E-10	2.47E-12	5.61E-11	7.67E-09	7.09E-10	9.14E-09
1811	NG_507	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.207	2.57E-08	5.06E-08	1.81E-07	4.29E-09	1.40E-11	3.20E-06	8.24E-09	2.57E-09	5.03E-17	1.34E-09	3.56E-12	2.53E-12	3.91E-11	2.44E-11	1.46E-10	2.31E-12	5.26E-11	7.19E-09	6.65E-10	8.57E-09
1817	NG_513	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.207	2.96E-08	5.80E-08	2.10E-07	3.94E-09	1.61E-11	3.39E-06	9.51E-09	2.97E-09	5.80E-17	1.54E-09	4.07E-12	2.84E-12	4.51E-11	2.81E-11	1.68E-10	2.66E-12	6.08E-11	8.30E-09	7.68E-10	9.89E-09
1818	NG_514	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.207	3.72E-08	7.32E-08	2.68E-07	5.43E-09	2.01E-11	4.25E-06	1.19E-08	3.73E-09	7.29E-17	1.93E-09	5.10E-12	3.55E-12	5.66E-11	3.52E-11	2.11E-10	3.34E-12	7.63E-11	1.04E-08	9.64E-10	1.24E-08
1819	NG_515	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.207	4.73E-08	9.38E-08	3.45E-07	8.46E-09	2.56E-11	5.40E-06	1.52E-08	4.74E-09	9.28E-17	2.46E-09	6.50E-12	4.52E-12	7.22E-11	4.48E-11	2.69E-10	4.26E-12	9.72E-11	1.33E-08	1.23E-09	1.58E-08
1820	NG_516	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.207	5.92E-08	1.18E-07	4.37E-07	1.23E-08	3.21E-11	6.67E-06	1.90E-08	5.94E-09	1.16E-16	3.08E-09	8.12E-12	5.65E-12	9.03E-11	5.61E-11	3.37E-10	5.32E-12	1.22E-10	1.66E-08	1.54E-09	1.98E-08
1821	NG_517	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.207	7.11E-08	1.42E-07	5.30E-07	1.59E-08	3.85E-11	7.89E-06	2.28E-08	7.12E-09	1.39E-16	3.70E-09	9.75E-12	6.78E-12	1.08E-10	6.73E-11	4.04E-10	6.39E-12	1.46E-10	1.99E-08	1.84E-09	2.37E-08
1838	NG_534	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.257	1.22E-08	2.36E-08	8.54E-08	2.28E-09	6.60E-12	1.34E-06	3.89E-09	1.22E-09	2.38E-17	6.32E-10	1.68E-12	1.19E-12	1.85E-11	1.15E-11	6.89E-11	1.09E-12	2.49E-11	3.40E-09	3.14E-10	4.05E-09
1839	NG_535	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.257	1.31E-08	2.54E-08	9.18E-08	2.53E-09	7.10E-12	1.46E-06	4.19E-09	1.31E-09	2.56E-17	6.80E-10	1.81E-12	1.28E-12	1.99E-11	1.24E-11	7.42E-11	1.18E-12	2.68E-11	3.66E-09	3.38E-10	4.36E-09
1840	NG_536	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.257	1.42E-08	2.76E-08	9.93E-08	2.82E-09	7.69E-12	1.60E-06	4.54E-09	1.42E-09	2.77E-17	7.36E-10	1.96E-12	1.39E-12	2.16E-11	1.34E-11	8.04E-11	1.27E-12	2.90E-11	3.96E-09	3.67E-10	4.72E-09
1841	NG_537	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.257	1.55E-08	3.02E-08	1.08E-07	3.13E-09	8.39E-12	1.76E-06	4.95E-09	1.54E-09	3.02E-17	8.03E-10	2.14E-12	1.52E-12	2.35E-11	1.47E-11	8.76E-11	1.39E-12	3.16E-11	4.32E-09	4.00E-10	5.15E-09
1842	NG_538	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.257	1.69E-08	3.31E-08	1.18E-07	3.45E-09	9.18E-12	1.94E-06	5.42E-09	1.69E-09	3.31E-17	8.79E-10	2.34E-12	1.66E-12	2.57E-11	1.60E-11	9.59E-11	1.52E-12	3.46E-11	4.73E-09	4.37E-10	5.63E-09
1843	NG_539	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.257	1.86E-08	3.65E-08	1.30E-07	3.80E-09	1.01E-11	2.15E-06	5.96E-09	1.86E-09	3.64E-17	9.66E-10	2.58E-12	1.83E-12	2.83E-11	1.76E-11	1.05E-10	1.67E-12	3.80E-11	5.20E-09	4.81E-10	6.19E-09
1844	NG_540	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.257	2.07E-08	4.07E-08	1.45E-07	4.21E-09	1.12E-11	2.40E-06	6.63E-09	2.07E-09	4.04E-17	1.07E-09	2.87E-12	2.04E-12	3.15E-11	1.96E-11	1.17E-10	1.86E-12	4.23E-11	5.78E-09	5.35E-10	6.89E-09
1845	NG_541	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.257	2.32E-08	4.58E-08	1.63E-07	4.66E-09	1.26E-11	2.72E-06	7.44E-09	2.32E-09	4.54E-17	1.21E-09	3.22E-12	2.29E-12	3.53E-11	2.20E-11	1.32E-10	2.09E-12	4.75E-11	6.49E-09	6.01E-10	7.74E-09
1846	NG_542	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.257	2.60E-08	5.14E-08	1.84E-07	5.11E-09	1.41E-11	3.06E-06	8.34E-09	2.60E-09	5.09E-17	1.35E-09	3.61E-12	2.57E-12	3.96E-11	2.47E-11	1.48E-10	2.34E-12	5.32E-11	7.27E-09	6.73E-10	8.67E-09
1847	NG_543	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.257	2.87E-08	5.69E-08	2.04E-07	5.49E-09	1.56E-11	3.41E-06	9.21E-09	2.87E-09	5.62E-17	1.49E-09	3.99E-12	2.84E-12	4.37E-11	2.73E-11	1.63E-10	2.58E-12	5.88E-11	8.04E-09	7.43E-10	9.58E-09
1848	NG_544	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.257	3.14E-08	6.23E-08	2.23E-07	5.85E-09	1.71E-11	3.78E-06	1.01E-08	3.14E-09	6.15E-17	1.63E-09	4.36E-12	3.11E-12	4.78E-11	2.99E-11	1.78E-10	2.83E-12	6.43E-11	8.79E-09	8.13E-10	1.05E-08
1849	NG_545	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.257	3.37E-08	6.70E-08	2.40E-07	6.19E-09	1.84E-11	4.13E-06	1.08E-08	3.38E-09	6.61E-17	1.76E-09	4.69E-12	3.35E-12	5.14E-11	3.21E-11	1.92E-10	3.04E-12	6.91E-11	9.45E-09	8.74E-10	1.13E-08
1850	NG_546	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.257	3.50E-08	6.94E-08	2.48E-07	6.39E-09	1.90E-11	4.35E-06	1.12E-08	3.50E-09	6.85E-17	1.82E-09	4.86E-12	3.46E-12	5.33E-11	3.33E-11	1.99E-10	3.15E-12	7.17E-11	9.80E-09	9.06E-10	1.17E-08
1851	NG_547	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.257	3.46E-08	6.87E-08	2.45E-07	6.36E-09	1.89E-11	4.38E-06	1.11E-08	3.47E-09	6.79E-17	1.80E-09	4.81E-12	3.43E-12	5.28E-11	3.30E-11	1.97E-10	3.12E-12	7.10E-11	9.70E-09	8.98E-10	1.16E-08
1852	NG_548	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.257	3.28E-08	6.49E-08	2.30E-07	6.07E-09	1.79E-11	4.22E-06	1.05E-08	3.29E-09	6.43E-17	1.71E-09	4.56E-12	3.24E-12	5.00E-11	3.12E-11	1.86E-10	2.96E-12	6.73E-11	9.19E-09	8.50E-10	1.10E-08
1859	NG_555	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.257	4.97E-08	9.81E-08	3.53E-07	9.19E-09	2.69E-11	5.89E-06	1.59E-08	4.98E-09	9.74E-17	2.58E-09	6.81E-12	4.74E-12	7.57E-11	4.70E-11	2.82E-10	4.46E-12	1.02E-10	1.39E-08	1.29E-09	1.66E-08
1860	NG_556	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.257	6.64E-08	1.32E-07	4.79E-07	1.59E-08	3.59E-11	7.86E-06	2.13E-08	6.65E-09	1.30E-16	3.45E-09	9.10E-12	6.32E-12	1.01E-10	6.29E-11	3.77E-10	5.97E-12	1.36E-10	1.86E-08	1.72E-09	2.22E-08
1861	NG_557	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.257	8.44E-08	1.69E-07	6.18E-07	2.32E-08	4.57E-11	9.91E-06	2.71E-08	8.46E-09	1.66E-16	4.39E-09	1.16E-11	8.04E-12	1.29E-10	8.00E-11	4.80E-10	7.59E-12	1.73E-10	2.37E-08	2.19E-09	2.82E-08
1862	NG_558	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.257	9.77E-08	1.96E-07	7.22E-07	2.82E-08	5.29E-11	1.13E-05	3.14E-08	9.79E-09	1.92E-16	5.08E-09	1.34E-11	9.30E-12	1.49E-10	9.25E-11	5.55E-10	8.78E-12	2.01E-10	2.74E-08	2.53E-09	3.26E-08
1879	NG_575	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.307	1.22E-08	2.37E-08	8.47E-08	2.47E-09	6.62E-12	1.39E-06	3.91E-09	1.22E-09	2.39E-17	6.34E-10	1.69E-12	1.19E-12	1.86E-11	1.16E-11	6.92E-11	1.10E-12	2.50E-11	3.41E-09	3.16E-10	4.07E-09
1880	NG_576	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.307	1.31E-08	2.54E-08	9.06E-08	2.74E-09	7.10E-12	1.51E-06	4.19E-09	1.31E-09	2.56E-17	6.80E-10	1.81E-12	1.28E-12	1.99E-11	1.24E-11	7.42E-11	1.18E-12	2.68E-11	3.66E-09	3.39E-10	4.36E-09
1881	NG_577	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.307	1.42E-08	2.76E-08	9.81E-08	3.06E-09	7.70E-12	1.66E-06	4.55E-09	1.42E-09	2.78E-17	7.38E-10	1.96E-12	1.39E-12	2.16E-11	1.35E-11	8.05E-11	1.28E-12	2.91E-11	3.97E-09	3.67E-10	4.73E-09
1882	NG_578	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.307	1.55E-08	3.03E-08	1.07E-07	3.40E-09	8.42E-12	1.83E-06	4.97E-09	1.55E-09	3.04E-17	8.06E-10	2.15E-12	1.52E-12	2.36E-11	1.47E-11	8.80E-11	1.39E-12	3.18E-11	4.34E-09	4.01E-10	5.17E-09
1883	NG_579	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.307	1.69E-08	3.31E-08	1.17E-07	3.74E-09	9.18E-12	2.00E-06	5.42E-09	1.69E-09	3.31E-17	8.79E-10	2.34E-12	1.66E-12	2.57E-11	1.61E-11	9.59E-11	1.52E-12	3.46E-11	4.73E-09	4.38E-10	5.64E-09
1884	NG_580	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.307	1.86E-08	3.64E-08	1.28E-07	4.12E-09	1.01E-11	2.21E-06	5.96E-09	1.86E-09	3.64E-17	9.67E-10	2.58E-12	1.83E-12	2.83E-11	1.77E-11	1.06E-10	1.67E-12	3.81E-11	5.20E-09	4.81E-10	6.20E-09
1885	NG_581	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.307	2.08E-08	4.09E-08	1.44E-07	4.59E-09	1.13E-11	2.48E-06	6.69E-09	2.09E-09	4.08E-17	1.08E-09	2.89E-12	2.05E-12	3.17E-11	1.98E-11	1.18E-10	1.88E-12	4.27E-11	5.83E-09	5.40E-10	6.95E-09
1886	NG_582	Nested Grid - 50m	Parks/ Recreation	Offsite	379.014	6367.307	2.37E-08	4.66E-08	1.64E-07	5.13E-09	1.29E-11	2.84E-06	7.60E-09	2.37E-09	4.64E-17	1.23E-09	3.29E-12	2.34E-12	3.61E-11	2.25E-11	1.35E-10	2.13E-12	4.86E-11	6.64E-09	6.14E-10	7.91E-09
1887	NG_583	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.307	2.68E-08	5.28E-08	1.86E-07	5.67E-09	1.46E-11	3.21E-06	8.60E-09	2.68E-09	5.25E-17	1.39E-09	3.72E-12	2.65E-12	4.08E-11	2.55E-11	1.52E-10	2.41E-12	5.49E-11	7.50E-09	6.94E-10	8.94E-09
1888	NG_584	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.307	3.02E-08	5.98E-08	2.11E-07	6.23E-09	1.65E-11	3.63E-06	9.71E-09	3.03E-09	5.93E-17	1.57E-09	4.20E-12	2.99E-12	4.61E-11	2.88E-11	1.72E-10	2.72E-12	6.20E-11	8.47E-09	7.84E-10	1.01E-08
1889	NG_585	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.307	3.44E-08	6.81E-08	2.41E-07	6.94E-09	1.87E-11	4.17E-06	1.10E-08	3.44E-09	6.74E-17	1.79E-09	4.78E-12	3.41E-12	5.24E-11	3.27E-11	1.95E-10	3.10E-12	7.05E-11	9.64E-09	8.91E-10	1.15E-08
1890	NG_586	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.307	3.88E-08	7.69E-08	2.73E-07	7.76E-09	2.11E-11	4.77E-06	1.25E-08	3.89E-09	7.61E-17	2.02E-09	5.40E-12	3.85E-12	5.92E-11	3.69E-11	2.21E-10	3.50E-12	7.96E-11	1.09E-08	1.01E-09	1.30E-08
1891	NG_587	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.307	4.22E-08	8.37E-08	2.96E-07	8.46E-09	2.30E-11	5.27E-06	1.35E-08	4.22E-09	8.27E-17	2.20E-09	5.86E-12	4.18E-12	6.43E-11	4.01E-11	2.40E-10	3.80E-12	8.65E-11	1.18E-08	1.09E-09	1.41E-08
1892	NG_588	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.307	4.36E-08	8.66E-08	3.06E-07	8.91E-09	2.37E-11	5.60E-06	1.40E-08	4.37E-09	8.54E-17	2.27E-09	6.06E-12	4.32E-12	6.65E-11	4.15E-11	2.48E-10	3.93E-12	8.94E-11	1.22E-08	1.13E-09	1.46E-08
1893	NG_589	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.307	4.34E-08	8.62E-08	3.03E-07	9.08E-09	2.36E-11	5.77E-06	1.39E-08	4.35E-09	8.51E-17	2.26E-09	6.04E-12	4.30E-12	6.62E-11	4.13E-11	2.47E-10	3.91E-12	8.91E-11	1.22E-08	1.13E-09	1.45E-08
1900	NG_596	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.307	7.40E-08	1.47E-07	5.23E-07	1.85E-08	4.01E-11	9.23E-06	2.38E-08	7.42E-09	1.45E-16	3.85E-09	1.02E-11	7.05E-12	1.13E-10	7.01E-11	4.21E-10	6.65E-12	1.52E-10	2.07E-08	1.92E-09	2.47E-08
1901	NG_597	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.307	1.03E-07	2.06E-07	7.37E-07	3.36E-08	5.56E-11	1.28E-05	3.30E-08	1.03E-08	2.01E-16	5.34E-09	1.41E-11	9.75E-12	1.56E-10	9.72E-11	5.84E-10	9.23E-12	2.11E-10	2.88E-08	2.66E-09	3.43E-08
1902	NG_598	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.307	1.25E-07	2.52E-07	9.08E-07	4.54E-08	6.78E-11	1.55E-05	4.02E-08	1.25E-08	2.45E-16	6.51E-09	1.71E-11	1.19E-11	1.91E-10	1.18E-10	7.11E-10	1.12E-11	2.57E-10	3.51E-08	3.25E-09	4.18E-08
1903	NG_599	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.307	1.34E-07	2.72E-07	9.84E-07	4.96E-08	7.28E-11	1.64E-05	4.32E-08	1.35E-08	2.64E-16	6.99E-09	1.84E-11	1.28E-11	2.05E-10	1.27E-10	7.64E-10	1.21E-11	2.76E-10	3.77E-08	3.49E-09	4.49E-08
1920	NG_616	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.357	1.23E-08	2.39E-08	8.47E-08	2.66E-09	6.68E-12	1.44E-06	3.95E-09	1.23E-09	2.41E-17	6.40E-10	1.70E-12	1.20E-12	1.87E-11	1.17E-11	6.98E-11	1.11E-12	2.52E-11	3.44E-09	3.19E-10	4.10E-09
1921	NG_617	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.357	1.32E-08	2.57E-08	9.06E-08	2.95E-09	7.17E-12	1.57E-06	4.24E-09	1.32E-09	2.59E-17	6.87E-10	1.83E-12	1.29E-12	2.01E-11	1.25E-11	7.50E-11	1.19E-12	2.71E-11	3.70E-09	3.42E-10	4.40E-09
1922	NG_618	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.357	1.43E-08	2.79E-08	9.81E-08	3.29E-09	7.78E-12	1.73E-06	4.59E-09	1.43E-09	2.80E-17	7.45E-10	1.98E-12	1.40E-12	2.18E-11	1.36E-11	8.13E-11	1.29E-12	2.93E-11	4.01E-09	3.71E-10	4.78E-09

AQIA DATA - SCENARIO 1 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1923	NG_619	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.357	1.56E-08	3.04E-08	1.07E-07	3.65E-09	8.48E-12	1.90E-06	5.01E-09	1.56E-09	3.06E-17	8.12E-10	2.16E-12	1.53E-12	2.38E-11	1.48E-11	8.86E-11	1.40E-12	3.20E-11	4.37E-09	4.04E-10	5.21E-09
1924	NG_620	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.357	1.71E-08	3.33E-08	1.16E-07	4.03E-09	9.26E-12	2.09E-06	5.47E-09	1.71E-09	3.34E-17	8.87E-10	2.36E-12	1.67E-12	2.60E-11	1.62E-11	9.68E-11	1.53E-12	3.49E-11	4.77E-09	4.42E-10	5.69E-09
1925	NG_621	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.357	1.88E-08	3.67E-08	1.28E-07	4.44E-09	1.02E-11	2.30E-06	6.03E-09	1.88E-09	3.68E-17	9.78E-10	2.60E-12	1.84E-12	2.86E-11	1.78E-11	1.07E-10	1.69E-12	3.85E-11	5.26E-09	4.87E-10	6.27E-09
1926	NG_622	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.357	2.11E-08	4.13E-08	1.44E-07	4.95E-09	1.15E-11	2.58E-06	6.77E-09	2.11E-09	4.13E-17	1.10E-09	2.92E-12	2.07E-12	3.22E-11	2.00E-11	1.20E-10	1.90E-12	4.33E-11	5.91E-09	5.47E-10	7.04E-09
1927	NG_623	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.357	2.40E-08	4.69E-08	1.63E-07	5.54E-09	1.30E-11	2.93E-06	7.69E-09	2.40E-09	4.70E-17	1.25E-09	3.32E-12	2.35E-12	3.65E-11	2.28E-11	1.36E-10	2.16E-12	4.91E-11	6.71E-09	6.21E-10	8.00E-09
1928	NG_624	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.357	2.72E-08	5.33E-08	1.86E-07	6.16E-09	1.48E-11	3.32E-06	8.73E-09	2.72E-09	5.33E-17	1.42E-09	3.77E-12	2.68E-12	4.15E-11	2.58E-11	1.54E-10	2.45E-12	5.57E-11	7.62E-09	7.05E-10	9.08E-09
1929	NG_625	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.357	3.13E-08	6.14E-08	2.14E-07	6.93E-09	1.70E-11	3.82E-06	1.00E-08	3.13E-09	6.13E-17	1.63E-09	4.34E-12	3.08E-12	4.77E-11	2.97E-11	1.78E-10	2.82E-12	6.41E-11	8.76E-09	8.11E-10	1.04E-08
1930	NG_626	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.357	3.67E-08	7.21E-08	2.52E-07	8.01E-09	2.00E-11	4.50E-06	1.18E-08	3.67E-09	7.19E-17	1.91E-09	5.09E-12	3.62E-12	5.59E-11	3.49E-11	2.08E-10	3.30E-12	7.52E-11	1.03E-08	9.51E-10	1.22E-08
1931	NG_627	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.357	4.28E-08	8.45E-08	2.96E-07	9.33E-09	2.33E-11	5.31E-06	1.38E-08	4.29E-09	8.40E-17	2.23E-09	5.95E-12	4.23E-12	6.53E-11	4.08E-11	2.43E-10	3.86E-12	8.78E-11	1.20E-08	1.11E-09	1.43E-08
1932	NG_628	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.357	4.86E-08	9.60E-08	3.36E-07	1.07E-08	2.64E-11	6.12E-06	1.56E-08	4.86E-09	9.52E-17	2.53E-09	6.75E-12	4.80E-12	7.41E-11	4.62E-11	2.76E-10	4.37E-12	9.96E-11	1.36E-08	1.26E-09	1.62E-08
1933	NG_629	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.357	5.33E-08	1.06E-07	3.70E-07	1.22E-08	2.90E-11	6.99E-06	1.71E-08	5.34E-09	1.05E-16	2.78E-09	7.41E-12	5.28E-12	8.13E-11	5.07E-11	3.03E-10	4.81E-12	1.09E-10	1.49E-08	1.38E-09	1.78E-08
1934	NG_630	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.357	5.79E-08	1.15E-07	4.01E-07	1.37E-08	3.15E-11	7.90E-06	1.86E-08	5.80E-09	1.13E-16	3.01E-09	8.04E-12	5.72E-12	8.82E-11	5.51E-11	3.29E-10	5.21E-12	1.19E-10	1.62E-08	1.50E-09	1.93E-08
1961	NG_657	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.407	1.25E-08	2.43E-08	8.56E-08	2.84E-09	6.79E-12	1.51E-06	4.01E-09	1.25E-09	2.45E-17	6.50E-10	1.73E-12	1.22E-12	1.90E-11	1.19E-11	7.10E-11	1.12E-12	2.56E-11	3.50E-09	3.24E-10	4.17E-09
1962	NG_658	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.407	1.35E-08	2.63E-08	9.22E-08	3.17E-09	7.32E-12	1.66E-06	4.33E-09	1.35E-09	2.64E-17	7.02E-10	1.86E-12	1.32E-12	2.06E-11	1.28E-11	7.66E-11	1.21E-12	2.77E-11	3.78E-09	3.50E-10	4.50E-09
1963	NG_659	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.407	1.46E-08	2.84E-08	9.93E-08	3.52E-09	7.92E-12	1.81E-06	4.68E-09	1.46E-09	2.86E-17	7.59E-10	2.02E-12	1.42E-12	2.22E-11	1.38E-11	8.28E-11	1.31E-12	2.99E-11	4.08E-09	3.78E-10	4.87E-09
1964	NG_660	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.407	1.59E-08	3.09E-08	1.08E-07	3.89E-09	8.62E-12	1.99E-06	5.09E-09	1.59E-09	3.11E-17	8.26E-10	2.19E-12	1.55E-12	2.42E-11	1.51E-11	9.01E-11	1.43E-12	3.25E-11	4.44E-09	4.11E-10	5.30E-09
1965	NG_661	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.407	1.74E-08	3.39E-08	1.18E-07	4.30E-09	9.43E-12	2.18E-06	5.57E-09	1.74E-09	3.40E-17	9.04E-10	2.40E-12	1.70E-12	2.65E-11	1.65E-11	9.86E-11	1.56E-12	3.56E-11	4.86E-09	4.50E-10	5.80E-09
1966	NG_662	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.407	1.93E-08	3.76E-08	1.30E-07	4.77E-09	1.05E-11	2.43E-06	6.18E-09	1.93E-09	3.77E-17	1.00E-09	2.67E-12	1.88E-12	2.94E-11	1.83E-11	1.09E-10	1.73E-12	3.95E-11	5.40E-09	4.99E-10	6.43E-09
1967	NG_663	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.407	2.16E-08	4.21E-08	1.46E-07	5.32E-09	1.17E-11	2.72E-06	6.93E-09	2.16E-09	4.23E-17	1.12E-09	2.99E-12	2.11E-12	3.29E-11	2.05E-11	1.23E-10	1.94E-12	4.43E-11	6.05E-09	5.60E-10	7.21E-09
1968	NG_664	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.407	2.44E-08	4.76E-08	1.65E-07	5.94E-09	1.33E-11	3.06E-06	7.84E-09	2.45E-09	4.78E-17	1.27E-09	3.38E-12	2.39E-12	3.72E-11	2.32E-11	1.39E-10	2.20E-12	5.01E-11	6.84E-09	6.33E-10	8.15E-09
1969	NG_665	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.407	2.78E-08	5.43E-08	1.87E-07	6.66E-09	1.51E-11	3.47E-06	8.93E-09	2.79E-09	5.45E-17	1.45E-09	3.85E-12	2.73E-12	4.24E-11	2.64E-11	1.58E-10	2.50E-12	5.70E-11	7.79E-09	7.21E-10	9.29E-09
1970	NG_666	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.407	3.24E-08	6.33E-08	2.19E-07	7.66E-09	1.76E-11	4.06E-06	1.04E-08	3.25E-09	6.36E-17	1.69E-09	4.49E-12	3.18E-12	4.94E-11	3.08E-11	1.84E-10	2.92E-12	6.65E-11	9.09E-09	8.41E-10	1.08E-08
1971	NG_667	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.407	3.86E-08	7.54E-08	2.60E-07	9.07E-09	2.10E-11	4.84E-06	1.24E-08	3.87E-09	7.56E-17	2.01E-09	5.35E-12	3.79E-12	5.88E-11	3.67E-11	2.19E-10	3.48E-12	7.91E-11	1.08E-08	1.00E-09	1.29E-08
1972	NG_668	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.407	4.58E-08	8.97E-08	3.10E-07	1.08E-08	2.49E-11	5.78E-06	1.47E-08	4.59E-09	8.99E-17	2.39E-09	6.36E-12	4.51E-12	6.99E-11	4.36E-11	2.61E-10	4.13E-12	9.40E-11	1.28E-08	1.19E-09	1.53E-08
1973	NG_669	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.407	5.34E-08	1.05E-07	3.63E-07	1.30E-08	2.91E-11	6.90E-06	1.71E-08	5.35E-09	1.05E-16	2.78E-09	7.41E-12	5.26E-12	8.14E-11	5.08E-11	3.03E-10	4.81E-12	1.09E-10	1.50E-08	1.38E-09	1.78E-08
1974	NG_670	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.407	6.23E-08	1.23E-07	4.25E-07	1.61E-08	3.39E-11	8.42E-06	2.00E-08	6.25E-09	1.22E-16	3.25E-09	8.66E-12	6.15E-12	9.51E-11	5.93E-11	3.54E-10	5.62E-12	1.28E-10	1.75E-08	1.62E-09	2.08E-08
1975	NG_671	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.407	7.39E-08	1.46E-07	5.04E-07	1.99E-08	4.02E-11	1.03E-05	2.37E-08	7.40E-09	1.45E-16	3.85E-09	1.03E-11	7.30E-12	1.13E-10	7.03E-11	4.20E-10	6.66E-12	1.52E-10	2.07E-08	1.92E-09	2.47E-08
2002	NG_698	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.457	1.27E-08	2.46E-08	8.65E-08	2.98E-09	6.88E-12	1.57E-06	4.07E-09	1.27E-09	2.48E-17	6.59E-10	1.75E-12	1.24E-12	1.93E-11	1.20E-11	7.20E-11	1.14E-12	2.60E-11	3.55E-09	3.28E-10	4.23E-09
2003	NG_699	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.457	1.37E-08	2.67E-08	9.32E-08	3.32E-09	7.43E-12	1.72E-06	4.39E-09	1.37E-09	2.68E-17	7.12E-10	1.89E-12	1.33E-12	2.09E-11	1.30E-11	7.78E-11	1.23E-12	2.81E-11	3.83E-09	3.55E-10	4.57E-09
2004	NG_700	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.457	1.48E-08	2.88E-08	1.00E-07	3.68E-09	8.02E-12	1.87E-06	4.74E-09	1.48E-09	2.89E-17	7.69E-10	2.04E-12	1.44E-12	2.25E-11	1.40E-11	8.39E-11	1.33E-12	3.03E-11	4.14E-09	3.83E-10	4.93E-09
2005	NG_701	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.457	1.61E-08	3.13E-08	1.08E-07	4.05E-09	8.72E-12	2.04E-06	5.15E-09	1.61E-09	3.14E-17	8.35E-10	2.22E-12	1.57E-12	2.45E-11	1.52E-11	9.12E-11	1.44E-12	3.29E-11	4.50E-09	4.16E-10	5.36E-09
2006	NG_702	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.457	1.77E-08	3.44E-08	1.19E-07	4.49E-09	9.60E-12	2.26E-06	5.67E-09	1.77E-09	3.46E-17	9.19E-10	2.44E-12	1.72E-12	2.69E-11	1.68E-11	1.00E-10	1.59E-12	3.62E-11	4.95E-09	4.58E-10	5.90E-09
2007	NG_703	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.457	1.97E-08	3.83E-08	1.32E-07	5.00E-09	1.07E-11	2.52E-06	6.31E-09	1.97E-09	3.85E-17	1.02E-09	2.72E-12	1.92E-12	3.00E-11	1.87E-11	1.12E-10	1.77E-12	4.03E-11	5.51E-09	5.10E-10	6.57E-09
2008	NG_704	Nested Grid - 50m	Parks/ Recreation	Offsite	378.964	6367.457	2.21E-08	4.29E-08	1.48E-07	5.58E-09	1.20E-11	2.81E-06	7.08E-09	2.21E-09	4.32E-17	1.15E-09	3.05E-12	2.15E-12	3.36E-11	2.09E-11	1.25E-10	1.98E-12	4.52E-11	6.18E-09	5.72E-10	7.36E-09
2009	NG_705	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.457	2.50E-08	4.85E-08	1.67E-07	6.26E-09	1.36E-11	3.17E-06	8.01E-09	2.50E-09	4.89E-17	1.30E-09	3.45E-12	2.44E-12	3.80E-11	2.37E-11	1.42E-10	2.25E-12	5.12E-11	6.99E-09	6.47E-10	8.33E-09
2010	NG_706	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.457	2.86E-08	5.54E-08	1.90E-07	7.08E-09	1.55E-11	3.62E-06	9.17E-09	2.86E-09	5.60E-17	1.49E-09	3.95E-12	2.79E-12	4.35E-11	2.71E-11	1.62E-10	2.57E-12	5.86E-11	8.00E-09	7.40E-10	9.53E-09
2011	NG_707	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.457	3.36E-08	6.52E-08	2.23E-07	8.29E-09	1.83E-11	4.27E-06	1.08E-08	3.37E-09	6.59E-17	1.75E-09	4.65E-12	3.29E-12	5.13E-11	3.19E-11	1.91E-10	3.03E-12	6.90E-11	9.42E-09	8.72E-10	1.12E-08
2012	NG_708	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.457	4.04E-08	7.83E-08	2.68E-07	1.00E-08	2.20E-11	5.16E-06	1.30E-08	4.05E-09	7.92E-17	2.10E-09	5.59E-12	3.96E-12	6.16E-11	3.84E-11	2.30E-10	3.64E-12	8.29E-11	1.13E-08	1.05E-09	1.35E-08
2013	NG_709	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.457	4.84E-08	9.40E-08	3.21E-07	1.22E-08	2.63E-11	6.24E-06	1.55E-08	4.85E-09	9.48E-17	2.52E-09	6.70E-12	4.74E-12	7.37E-11	4.60E-11	2.75E-10	4.35E-12	9.92E-11	1.36E-08	1.25E-09	1.62E-08
2014	NG_710	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.457	5.67E-08	1.11E-07	3.78E-07	1.51E-08	3.09E-11	7.57E-06	1.82E-08	5.68E-09	1.11E-16	2.95E-09	7.86E-12	5.57E-12	8.65E-11	5.39E-11	3.22E-10	5.11E-12	1.16E-10	1.59E-08	1.47E-09	1.89E-08
2015	NG_711	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.457	6.90E-08	1.35E-07	4.60E-07	1.98E-08	3.75E-11	9.65E-06	2.21E-08	6.91E-09	1.35E-16	3.59E-09	9.56E-12	6.78E-12	1.05E-10	6.56E-11	3.92E-10	6.21E-12	1.41E-10	1.93E-08	1.79E-09	2.30E-08
2016	NG_712	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.457	8.75E-08	1.72E-07	5.85E-07	2.64E-08	4.76E-11	1.27E-05	2.81E-08	8.77E-09	1.72E-16	4.56E-09	1.21E-11	8.61E-12	1.33E-10	8.32E-11	4.97E-10	7.88E-12	1.80E-10	2.45E-08	2.27E-09	2.92E-08
2043	NG_739	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.507	1.27E-08	2.47E-08	8.64E-08	3.05E-09	6.90E-12	1.59E-06	4.08E-09	1.27E-09	2.49E-17	6.61E-10	1.75E-12	1.24E-12	1.94E-11	1.21E-11	7.22E-11	1.14E-12	2.60E-11	3.56E-09	3.29E-10	4.24E-09
2044	NG_740	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.507	1.37E-08	2.67E-08	9.30E-08	3.40E-09	7.45E-12	1.74E-06	4.40E-09	1.37E-09	2.69E-17	7.13E-10	1.89E-12	1.34E-12	2.09E-11	1.30E-11	7.79E-11	1.23E-12	2.81E-11	3.84E-09	3.55E-10	4.58E-09
2045	NG_741	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.507	1.48E-08	2.88E-08	1.00E-07	3.75E-09	8.05E-12	1.89E-06	4.76E-09	1.48E-09	2.90E-17	7.71E-10	2.05E-12	1.44E-12	2.26E-11	1.41E-11	8.42E-11	1.33E-12	3.04E-11	4.15E-09	3.84E-10	4.95E-09
2046	NG_742	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.507	1.62E-08	3.14E-08	1.09E-07	4.14E-09	8.77E-12	2.06E-06	5.18E-09	1.62E-09	3.16E-17	8.41E-10	2.23E-12	1.57E-12	2.46E-11	1.53E-11	9.18E-11	1.45E-12	3.31E-11	4.52E-09	4.19E-10	5.39E-09
2047	NG_743	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.507	1.78E-08	3.46E-08	1.19E-07	4.58E-09	9.66E-12	2.28E-06	5.71E-09	1.78E-09	3.49E-17	9.26E-10	2.46E-12	1.74E-12	2.71E-11	1.69E-11	1.01E-10	1.60E-12	3.65E-11	4.98E-09	4.61E-10	5.94E-09
2048	NG_744	Nested Grid - 50m	Parks/ Recreation	Offsite	378.914	6367.507	1.99E-08	3.85E-08	1.33E-07	5.10E-09	1.08E-11	2.55E-06	6.37E-09	1.99E-09	3.89E-17	1.03E-09	2.75E-12	1.94E-12	3.03E-11	1.89E-11	1.13E-10	1.79E-12	4.07E-11	5.56E-09	5.15E-10	6.63E-09
2049	NG_745	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.507	2.24E-08	4.34E-08	1.49E-07	5.71E-09	1.22E-11	2.85E-06	7.18E-09	2.24E-09	4.38E-17	1.16E-09	3.09E-12	2.18E-12	3.41E-11	2.12E-11	1.27E-10	2.01E-12	4.59E-11	6.27E-09	5.80E-10	7.47E-09
2050	NG_746	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.507	2.54E-08	4.92E-08	1.68E-07	6.44E-09	1.38E-11	3.23E-06	8.15E-09	2.54E-09	4.98E-17	1.32E-09	3.51E-12	2.48E-12	3.87E-11	2.41E-11	1.44E-10	2.29E-12	5.21E-11	7.11E-09	6.58E-10	8.48E-09
2051	NG_747	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.507	2.92E-08	5.64E-08	1.93E-07	7.33E-09	1.59E-11	3.70E-06	9.38E-09	2.93E-09	5.72E-17	1.52E-09	4.04E-12	2.85E-12	4.45E-11	2.77E-11	1.66E-10	2.63E-12	5.99E-11	8.18E-09	7.57E-10	9.75E-09
2052	NG_748	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.507	3.46E-08	6.68E-08	2.28E-07	8.67E-09	1.88E-11	4.41E-06	1.11E-08	3.47E-09	6.79E-17	1.80E-09	4.79E-12	3.39E-12	5.28E-11	3.29E-11	1.97E-10	3.12E-12	7.10E-11	9.70E-09	8.98E-10	1.16E-08
2053	NG_749	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.507	4.21E-08	8.11E-08	2.76E-07	1.06E-08	2.29E-11	5.41E-06	1.35E-08	4.21E-09	8.24E-17	2.19E-09	5.82E-12	4.11E-12	6.41E-11	4.00E-11	2.39E-10	3.79E-12	8.63E-11	1.18E-08	1.09E-09	1.40E-08
2054	NG_750	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.507	5.04E-08	9.74E-08	3.31E-07	1.31E-08	2.74E-11	6.58E-06	1.62E-08	5.05E-09	9.88E-17	2.63E-09	6.98E-12	4.93E-12	7.69E-11	4.79E-11	2.87E-10	4.54E-12	1.03E-10	1.41E-08	1.31E-09	1.68E-08
2055	NG_751	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.507	5.94E-08	1.15E-07	3.89E-07	1.66E-08	3.23E-11	8.10E-06	1.91E-08	5.95E-09	1.16E-16	3.09E-09	8.22E-12	5.81E-12	9.06E-11	5.64E-11	3.38E-10	5.35E-12	1.22E-10	1.66E-08	1.54E-09	1.98E-08
2056	NG_752	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.507	7.33E-08	1.42E-07	4.80E-07	2.25E-08	3.98E-11	1.06E-05	2.35E-08	7.34E-09	1.44E-16	3.82E-09	1.01E-11	7.18E-12	1.12E-10	6.96E-11	4.17E-10	6.60E-12	1.50E-10	2.05E-08	1.90E-09	2.45E-08
2057	NG_753	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.507	9.59E-08	1.86E-07	6.28E-07	3.15E-08	5.21E-11	1.44E-05	3.08E-08	9.61E-09	1.88E-16	4.99E-09	1.33E-11	9.40E-12	1.46E-10	9.11E-11	5.45E-10	8.63E-12	1.97E-10	2.69E-08	2.49E-09	3.20E-08
2084	NG_780	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.557	1.26E-08	2.45E-08	8.55E-08	3.07E-09	6.85E-12	1.57E-06	4.05E-09	1.26E-09	2.47E-17	6.56E-10	1.74E-12	1.23E-12	1.92E-11	1.20E-11	7.17E-11	1.13E-12	2.59E-11	3.53E-09	3.27E-10	4.21E-09
2085	NG_781	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.557	1.36E-08	2.65E-08	9.20E-08	3.41E-09	7.39E-12	1.72E-06	4.37E-09	1.36E-09	2.67E-17	7.09E-10	1.88E-12	1.33E-12	2.08E-11	1.29E-11	7.74E-11	1.23E-12	2.79E-11	3.81E-09	3.53E-10	4.55E-09
2086	NG_782	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.557	1.48E-08	2.87E-08	9.94E-08	3.76E-09	8.02E-12	1.88E-06	4.74E-09	1.48E-09	2.89E-17	7.68E-10	2.04E-12	1.44E-12	2.25E-11	1.40E-11	8.39E-11	1.33E-12	3.03E-11	4.14E-09	3.83E-10	4.93E-09
2087	NG_783	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.557	1.62E-08	3.13E-08	1.08E-07	4.15E-09	8.77E-12	2.06E-06	5.18E-09	1.62E-09	3.16E-17	8.40E-10	2.23E-12	1.57E-12	2.46E-11	1.53E-11	9.17E-11	1.45E-12	3.31E-11	4.52E-09	4.18E-10	5.39E-09
2088	NG_784	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.557	1.78E-08	3.46E-08	1.19E-07	4.59E-09	9.68E-12	2.27E-06	5.72E-09	1.78E-09	3.49E-17	9.28E-10	2.46E-12	1.74E-12	2.72E-11	1.69E-11	1.01E-10	1.60E-12	3.66E-11	4.99E-09	4.62E-10	5.95E-09
2089	NG_785	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.557	1.99E-08	3.86E-08	1.33E-07	5.11E-09	1.08E-11	2.54E-06	6.40E-09	2.00E-09	3.91E-17	1.04E-09	2.76E-12	1.94E-12	3.04E-11	1.89E-11	1.13E-10	1.79E-12	4.09E-11	5.59E-09	5.17E-10	6.66E-09
2090	NG_786	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.557	2.25E-08	4.35E-08	1.49E-07	5.72E-09	1.22E-11	2.85E-06	7.23E-09	2.25E-09	4.41E-17	1.17E-09	3.11E-12	2.20E-12	3.43E-11	2.14E-11	1.28E-10	2.03E-12	4.62E-11	6.31E-09	5.84E-10	7.52E-09
2091	NG_787	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.557	2.56E-08	4.95E-08	1.69E-07	6.46E-09	1.39E-11	3.24E-06	8.23E-09	2.57E-09	5.03E-17	1.33E-09	3.55E-12	2.50E-12	3.91E-11	2.44E-11	1.46E-10	2.31E-12	5.26E-11	7.19E-09	6.65E-10	8.56E-09
2092	NG_788	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.557	2.96E-08	5.71E-08	1.95E-07	7.38E-09	1.61E-11	3.74E-06	9.52E-09	2.97E-09	5.81E-17	1.54E-09	4.10E-12	2.90E-12	4.52E-11	2.82E-11	1.68E-10	2.67E-12	6.08E-11	8.31E-09	7.68E-10	9.90E-09
2093	NG_789	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.557	3.54E-08	6.81E-08	2.32E-07	8.78E-09	1.92E-11	4.49E-06	1.14E-08	3.55E-09	6.94E-17	1.84E-09	4.90E-12	3.46E-12	5.40E-11	3.36E-11	2.01E-10	3.19E-12	7.26E-11	9.92E-09	9.18E-10	1.18E-08
2094	NG_790	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.557	4.32E-08	8.30E-08	2.82E-07	1.08E-08	2.35E-11	5.53E-06	1.39E-08	4.33E-09	8.46E-17	2.25E-09	5.98E-12	4.22E-12	6.58E-11	4.10E-11	2.45E-10	3.89E-12	8.86E-11	1.21E-08	1.12E-09	1.44E-08
2095	NG_791	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.557	5.19E-08	9.98E-08	3.38E-07	1.34E-08	2.82E-11	6.77E-06	1.67E-08	5.20E-09	1.02E-16	2.70E-09	7.19E-12	5.08E-12	7.92E-11	4.93E-11	2.95E-10	4.67E-12	1.07E-10	1.46E-08	1.35E-09	1.73E-08
2096	NG_792	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.557	6.12E-08	1.18E-07	3.99E-07	1.71E-08	3.33E-11	8.39E-06	1.97E-08	6.14E-09	1.20E-16	3.19E-09	8.48E-12	5.99E-12	9.34E-11	5.82E-11	3.48E-10	5.52E-12	1.26E-10	1.72E-08	1.59E-09	2.05E-08
2097	NG_793	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.557	7.57E-08	1.46E-07	4.92E-07	2.35E-08	4.12E-11	1.10E-05	2.43E-08	7.59E-09	1.48E-16	3.94E-09	1.05E-11	7.41E-12	1.15E-10	7.20E-11	4.30E-10	6.82E-12	1.55E-10	2.12E-08	1.96E-09	2.53E-08
2098	NG_794	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.557	9.90E-08	1.92E-07	6.43E-07	3.31E-08	5.39E-11	1.51E-05	3.18E-08	9.92E-09	1.94E-16	5.16E-09	1.37E-11	9.70E-12	1.51E-10	9.41E-11	5.63E-10	8.92E-12	2.03E-10	2.78E-08	2.57E-09	3.31E-08
2099	NG_795	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.557	1.30E-07	2.52E-07	8.43E-07	4.56E-08	7.07E-11	2.04E-05	4.17E-08	1.30E-08	2.55E-16	6.77E-09	1.80E-11	1.27E-11	1.98E-10	1.24E-10	7.39E-10	1.17E-11	2.67E-10	3.64E-08	3.37E-09	4.34E-08
2125	NG_821	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.607	1.26E-08	2.43E-08	8.47E-08	3.06E-09	6.81E-12	1.56E-06	4.03E-09	1.26E-09	2.46E-17	6.53E-10	1.73E-12	1.22E-12	1.91E-11	1.19E-11	7.12E-11	1.13E-12	2.57E-11	3.51E-09	3.25E-10	4.19E-09
2126	NG_822	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.607	1.36E-08	2.63E-08	9.14E-08	3.39E-09	7.37E-12	1.71E-06	4.35E-09	1.36E-09	2.66E-17	7.06E-10	1.87E-12	1.32E-12	2.07E-11	1.29E-11	7.71E-11	1.22E-12	2.78E-11	3.80E-09	3.52E-10	4.53E-09
2127	NG_823	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.607	1.48E-08	2.86E-08	9.91E-08	3.75E-09	8.02E-12	1.87E-06	4.74E-09	1.48E-09	2.89E-17	7.68E-10	2.04E-12	1.44E-12	2.25E-11	1.40E-11	8.39E-11	1.33E-12	3.03E-11	4.13E-09	3.83E-10	4.93E-09
2128	NG_824	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.607	1.62E-08	3.13E-08	1.08E-07	4.13E-09	8.78E-12	2.05E-06	5.19E-09	1.62E-09	3.17E-17	8.42E-10	2.23E-12	1.58E-12	2.46E-11	1.54E-11	9.19E-11	1.46E-12	3.32E-11	4.53E-09	4.19E-10	5.40E-09
2129	NG_825	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.607	1.79E-08	3.45E-08	1.19E-07	4.55E-09	9.69E-12	2.26E-06	5.73E-09	1.79E-09	3.50E-17	9.29E-10	2.47E-12	1.74E-12	2.72E-11	1.69E-11	1.01E-10	1.61E-12	3.66E-11	5.00E-09	4.63E-10	5.96E-09
2130	NG_826	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.607	2.00E-08	3.86E-08	1.32E-07	5.05E-09	1.08E-11	2.52E-06	6.41E-09	2.00E-09	3.91E-17	1.04E-09	2.76E-12	1.95E-12	3.04E-11	1.90E-11	1.13E-10	1.80E-12	4.10E-11	5.59E-09	5.18E-10	6.67E-09
2131	NG_827	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.607	2.27E-08	4.37E-08	1.50E-07	5.66E-09	1.23E-11	2.85E-06	7.27E-09	2.27E-09	4.44E-17	1.18E-09	3.13E-12	2.21E-12	3.45E-11	2.15E-11	1.29E-10	2.04E-12	4.65E-11	6.35E-09	5.87E-10	7.56E-09
2132	NG_828	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.607	2.59E-08	5.00E-08	1.71E-07	6.39E-09	1.41E-11	3.26E-06	8.33E-09	2.60E-09	5.08E-17	1.35E-09	3.59E-12	2.53E-12	3.95E-11	2.46E-11	1.47E-10	2.33E-12	5.32E-11	7.27E-09	6.72E-10	8.66E-09
2133	NG_829	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.607	3.00E-08	5.78E-08	1.97E-07	7.28E-09	1.63E-11	3.77E-06	9.64E-09	3.01E-09	5.89E-17	1.56E-09	4.15E-12	2.93E-12	4.58E-11	2.85E-11	1.71E-10	2.70E-12	6.16E-11	8.42E-09	7.79E-10	1.00E-08
2134	NG_830	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.607	3.58E-08	6.88E-08	2.34E-07	8.62E-09	1.95E-11	4.52E-06	1.15E-08	3.59E-09	7.02E-17	1.87E-09	4.96E-12	3.50E-12	5.46E-11	3.40E-11	2.04E-10	3.23E-12	7.35E-11	1.00E-08	9.29E-10	1.20E-08

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 1 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2135	NG_831	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.607	4.36E-08	8.37E-08	2.85E-07	1.06E-08	2.37E-11	5.56E-06	1.40E-08	4.37E-09	8.56E-17	2.27E-09	6.04E-12	4.27E-12	6.66E-11	4.15E-11	2.48E-10	3.93E-12	8.95E-11	1.22E-08	1.13E-09	1.46E-08
2136	NG_832	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.607	5.27E-08	1.01E-07	3.44E-07	1.31E-08	2.87E-11	6.85E-06	1.69E-08	5.28E-09	1.03E-16	2.75E-09	7.30E-12	5.15E-12	8.04E-11	5.01E-11	3.00E-10	4.75E-12	1.08E-10	1.48E-08	1.37E-09	1.76E-08
2137	NG_833	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.607	6.23E-08	1.20E-07	4.06E-07	1.67E-08	3.38E-11	8.51E-06	2.00E-08	6.24E-09	1.22E-16	3.24E-09	8.62E-12	6.09E-12	9.50E-11	5.92E-11	3.54E-10	5.61E-12	1.28E-10	1.75E-08	1.61E-09	2.08E-08
2138	NG_834	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.607	7.59E-08	1.46E-07	4.95E-07	2.26E-08	4.13E-11	1.11E-05	2.44E-08	7.60E-09	1.49E-16	3.95E-09	1.05E-11	7.43E-12	1.16E-10	7.21E-11	4.31E-10	6.83E-12	1.56E-10	2.13E-08	1.97E-09	2.53E-08
2139	NG_835	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.607	9.68E-08	1.87E-07	6.29E-07	3.12E-08	5.26E-11	1.49E-05	3.11E-08	9.70E-09	1.90E-16	5.04E-09	1.34E-11	9.48E-12	1.48E-10	9.20E-11	5.50E-10	8.71E-12	1.99E-10	2.71E-08	2.51E-09	3.23E-08
2140	NG_836	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.607	1.23E-07	2.39E-07	8.00E-07	4.17E-08	6.71E-11	1.96E-05	3.96E-08	1.24E-08	2.42E-16	6.43E-09	1.71E-11	1.21E-11	1.88E-10	1.17E-10	7.02E-10	1.11E-11	2.53E-10	3.46E-08	3.20E-09	4.12E-08
2141	NG_837	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.607	1.62E-07	3.13E-07	1.05E-06	5.68E-08	8.79E-11	2.69E-05	5.19E-08	1.62E-08	3.17E-16	8.41E-09	2.24E-11	1.59E-11	2.46E-10	1.54E-10	9.18E-10	1.46E-11	3.31E-10	4.53E-08	4.19E-09	5.40E-08
2166	NG_862	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.657	1.26E-08	2.43E-08	8.47E-08	3.05E-09	6.83E-12	1.55E-06	4.03E-09	1.26E-09	2.46E-17	6.54E-10	1.74E-12	1.22E-12	1.92E-11	1.19E-11	7.14E-11	1.13E-12	2.58E-11	3.52E-09	3.26E-10	4.20E-09
2167	NG_863	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.657	1.36E-08	2.63E-08	9.13E-08	3.37E-09	7.38E-12	1.70E-06	4.36E-09	1.36E-09	2.66E-17	7.07E-10	1.88E-12	1.32E-12	2.07E-11	1.29E-11	7.72E-11	1.22E-12	2.79E-11	3.81E-09	3.52E-10	4.54E-09
2168	NG_864	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.657	1.48E-08	2.86E-08	9.89E-08	3.71E-09	8.02E-12	1.85E-06	4.74E-09	1.48E-09	2.89E-17	7.69E-10	2.04E-12	1.44E-12	2.25E-11	1.40E-11	8.39E-11	1.33E-12	3.03E-11	4.14E-09	3.83E-10	4.93E-09
2169	NG_865	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.657	1.62E-08	3.13E-08	1.08E-07	4.08E-09	8.79E-12	2.03E-06	5.19E-09	1.62E-09	3.17E-17	8.42E-10	2.24E-12	1.58E-12	2.47E-11	1.54E-11	9.20E-11	1.46E-12	3.32E-11	4.53E-09	4.20E-10	5.40E-09
2170	NG_866	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.657	1.79E-08	3.45E-08	1.19E-07	4.48E-09	9.71E-12	2.24E-06	5.74E-09	1.79E-09	3.50E-17	9.30E-10	2.47E-12	1.74E-12	2.72E-11	1.70E-11	1.02E-10	1.61E-12	3.67E-11	5.01E-09	4.63E-10	5.97E-09
2171	NG_867	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.657	2.00E-08	3.85E-08	1.32E-07	4.95E-09	1.09E-11	2.49E-06	6.41E-09	2.00E-09	3.92E-17	1.04E-09	2.76E-12	1.95E-12	3.05E-11	1.90E-11	1.14E-10	1.80E-12	4.10E-11	5.60E-09	5.18E-10	6.67E-09
2172	NG_868	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.657	2.27E-08	4.36E-08	1.49E-07	5.52E-09	1.23E-11	2.82E-06	7.27E-09	2.27E-09	4.44E-17	1.18E-09	3.13E-12	2.21E-12	3.45E-11	2.15E-11	1.29E-10	2.04E-12	4.65E-11	6.35E-09	5.87E-10	7.57E-09
2173	NG_869	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.657	2.60E-08	5.01E-08	1.71E-07	6.22E-09	1.41E-11	3.24E-06	8.36E-09	2.61E-09	5.10E-17	1.36E-09	3.60E-12	2.54E-12	3.97E-11	2.47E-11	1.48E-10	2.34E-12	5.34E-11	7.29E-09	6.75E-10	8.69E-09
2174	NG_870	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.657	3.01E-08	5.79E-08	1.98E-07	7.04E-09	1.64E-11	3.75E-06	9.68E-09	3.02E-09	5.91E-17	1.57E-09	4.17E-12	2.94E-12	4.59E-11	2.86E-11	1.71E-10	2.71E-12	6.18E-11	8.44E-09	7.81E-10	1.01E-08
2175	NG_871	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.657	3.56E-08	6.83E-08	2.33E-07	8.20E-09	1.94E-11	4.44E-06	1.14E-08	3.57E-09	6.99E-17	1.86E-09	4.93E-12	3.48E-12	5.43E-11	3.39E-11	2.03E-10	3.21E-12	7.31E-11	9.99E-09	9.24E-10	1.19E-08
2176	NG_872	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.657	4.31E-08	8.25E-08	2.82E-07	9.93E-09	2.34E-11	5.43E-06	1.38E-08	4.32E-09	8.45E-17	2.25E-09	5.97E-12	4.22E-12	6.57E-11	4.10E-11	2.45E-10	3.88E-12	8.85E-11	1.21E-08	1.12E-09	1.44E-08
2177	NG_873	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.657	5.22E-08	1.00E-07	3.41E-07	1.23E-08	2.84E-11	6.73E-06	1.68E-08	5.23E-09	1.02E-16	2.72E-09	7.22E-12	5.10E-12	7.96E-11	4.96E-11	2.97E-10	4.70E-12	1.07E-10	1.46E-08	1.35E-09	1.74E-08
2178	NG_874	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.657	6.14E-08	1.18E-07	4.03E-07	1.54E-08	3.34E-11	8.31E-06	1.97E-08	6.16E-09	1.20E-16	3.20E-09	8.50E-12	6.00E-12	9.37E-11	5.84E-11	3.49E-10	5.53E-12	1.26E-10	1.72E-08	1.59E-09	2.05E-08
2179	NG_875	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.657	7.26E-08	1.40E-07	4.77E-07	2.01E-08	3.95E-11	1.05E-05	2.33E-08	7.28E-09	1.42E-16	3.78E-09	1.01E-11	7.11E-12	1.11E-10	6.90E-11	4.13E-10	6.54E-12	1.49E-10	2.04E-08	1.88E-09	2.43E-08
2180	NG_876	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.657	8.83E-08	1.71E-07	5.78E-07	2.65E-08	4.80E-11	1.34E-05	2.84E-08	8.85E-09	1.73E-16	4.60E-09	1.22E-11	8.67E-12	1.35E-10	8.40E-11	5.02E-10	7.96E-12	1.81E-10	2.48E-08	2.29E-09	2.95E-08
2181	NG_877	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.657	1.09E-07	2.11E-07	7.10E-07	3.46E-08	5.92E-11	1.72E-05	3.49E-08	1.09E-08	2.13E-16	5.66E-09	1.51E-11	1.07E-11	1.66E-10	1.03E-10	6.18E-10	9.79E-12	2.23E-10	3.05E-08	2.82E-09	3.63E-08
2182	NG_878	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.657	1.35E-07	2.63E-07	8.87E-07	4.58E-08	7.36E-11	2.23E-05	4.34E-08	1.36E-08	2.65E-16	7.04E-09	1.88E-11	1.33E-11	2.06E-10	1.29E-10	7.69E-10	1.22E-11	2.77E-10	3.79E-08	3.51E-09	4.52E-08
2207	NG_903	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.707	1.27E-08	2.45E-08	8.51E-08	3.02E-09	6.87E-12	1.55E-06	4.06E-09	1.27E-09	2.48E-17	6.58E-10	1.75E-12	1.23E-12	1.93E-11	1.20E-11	7.19E-11	1.14E-12	2.60E-11	3.54E-09	3.28E-10	4.22E-09
2208	NG_904	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.707	1.37E-08	2.64E-08	9.18E-08	3.33E-09	7.43E-12	1.69E-06	4.39E-09	1.37E-09	2.68E-17	7.12E-10	1.89E-12	1.33E-12	2.08E-11	1.30E-11	7.77E-11	1.23E-12	2.81E-11	3.83E-09	3.55E-10	4.57E-09
2209	NG_905	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.707	1.48E-08	2.87E-08	9.91E-08	3.65E-09	8.05E-12	1.84E-06	4.76E-09	1.49E-09	2.91E-17	7.72E-10	2.05E-12	1.44E-12	2.26E-11	1.41E-11	8.43E-11	1.33E-12	3.04E-11	4.16E-09	3.84E-10	4.95E-09
2210	NG_906	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.707	1.62E-08	3.13E-08	1.08E-07	4.00E-09	8.80E-12	2.00E-06	5.20E-09	1.62E-09	3.18E-17	8.44E-10	2.24E-12	1.58E-12	2.47E-11	1.54E-11	9.21E-11	1.46E-12	3.33E-11	4.54E-09	4.20E-10	5.41E-09
2211	NG_907	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.707	1.79E-08	3.45E-08	1.19E-07	4.38E-09	9.73E-12	2.21E-06	5.75E-09	1.79E-09	3.51E-17	9.32E-10	2.47E-12	1.74E-12	2.73E-11	1.70E-11	1.02E-10	1.61E-12	3.67E-11	5.02E-09	4.64E-10	5.98E-09
2212	NG_908	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.707	2.00E-08	3.84E-08	1.32E-07	4.81E-09	1.08E-11	2.45E-06	6.41E-09	2.00E-09	3.91E-17	1.04E-09	2.76E-12	1.95E-12	3.04E-11	1.90E-11	1.13E-10	1.80E-12	4.10E-11	5.59E-09	5.18E-10	6.67E-09
2213	NG_909	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.707	2.26E-08	4.35E-08	1.49E-07	5.34E-09	1.23E-11	2.77E-06	7.27E-09	2.27E-09	4.44E-17	1.18E-09	3.13E-12	2.21E-12	3.45E-11	2.15E-11	1.29E-10	2.04E-12	4.64E-11	6.34E-09	5.87E-10	7.56E-09
2214	NG_910	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.707	2.59E-08	4.97E-08	1.70E-07	5.97E-09	1.41E-11	3.17E-06	8.32E-09	2.60E-09	5.08E-17	1.35E-09	3.58E-12	2.53E-12	3.95E-11	2.46E-11	1.47E-10	2.33E-12	5.32E-11	7.26E-09	6.72E-10	8.66E-09
2215	NG_911	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.707	2.99E-08	5.73E-08	1.96E-07	6.70E-09	1.62E-11	3.65E-06	9.60E-09	3.00E-09	5.86E-17	1.56E-09	4.13E-12	2.92E-12	4.56E-11	2.84E-11	1.70E-10	2.69E-12	6.13E-11	8.38E-09	7.75E-10	9.99E-09
2216	NG_912	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.707	3.48E-08	6.66E-08	2.28E-07	7.62E-09	1.89E-11	4.24E-06	1.12E-08	3.49E-09	6.82E-17	1.81E-09	4.82E-12	3.40E-12	5.31E-11	3.31E-11	1.98E-10	3.13E-12	7.14E-11	9.76E-09	9.03E-10	1.16E-08
2217	NG_913	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.707	4.16E-08	7.95E-08	2.72E-07	9.05E-09	2.26E-11	5.14E-06	1.34E-08	4.17E-09	8.16E-17	2.17E-09	5.76E-12	4.07E-12	6.35E-11	3.95E-11	2.37E-10	3.75E-12	8.54E-11	1.17E-08	1.08E-09	1.39E-08
2218	NG_914	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.707	5.00E-08	9.57E-08	3.28E-07	1.10E-08	2.72E-11	6.36E-06	1.61E-08	5.01E-09	9.81E-17	2.61E-09	6.92E-12	4.89E-12	7.63E-11	4.75E-11	2.84E-10	4.51E-12	1.03E-10	1.40E-08	1.30E-09	1.67E-08
2219	NG_915	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.707	5.84E-08	1.12E-07	3.85E-07	1.35E-08	3.18E-11	7.73E-06	1.88E-08	5.85E-09	1.15E-16	3.04E-09	8.08E-12	5.71E-12	8.91E-11	5.55E-11	3.32E-10	5.26E-12	1.20E-10	1.64E-08	1.51E-09	1.95E-08
2220	NG_916	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.707	6.65E-08	1.28E-07	4.39E-07	1.68E-08	3.62E-11	9.33E-06	2.14E-08	6.67E-09	1.30E-16	3.46E-09	9.21E-12	6.51E-12	1.01E-10	6.32E-11	3.78E-10	5.99E-12	1.36E-10	1.86E-08	1.72E-09	2.22E-08
2221	NG_917	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.707	7.68E-08	1.49E-07	5.06E-07	2.14E-08	4.18E-11	1.13E-05	2.47E-08	7.70E-09	1.51E-16	4.00E-09	1.06E-11	7.54E-12	1.17E-10	7.31E-11	4.37E-10	6.92E-12	1.58E-10	2.15E-08	1.99E-09	2.57E-08
2222	NG_918	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.707	9.15E-08	1.78E-07	6.02E-07	2.78E-08	4.98E-11	1.41E-05	2.94E-08	9.17E-09	1.79E-16	4.77E-09	1.27E-11	8.99E-12	1.40E-10	8.70E-11	5.20E-10	8.24E-12	1.88E-10	2.56E-08	2.37E-09	3.06E-08
2223	NG_919	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.707	1.13E-07	2.20E-07	7.47E-07	3.87E-08	6.14E-11	1.82E-05	3.62E-08	1.13E-08	2.21E-16	5.87E-09	1.56E-11	1.11E-11	1.72E-10	1.07E-10	6.41E-10	1.02E-11	2.31E-10	3.16E-08	2.92E-09	3.77E-08
2248	NG_944	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.757	1.27E-08	2.45E-08	8.51E-08	2.97E-09	6.90E-12	1.52E-06	4.08E-09	1.27E-09	2.49E-17	6.61E-10	1.76E-12	1.24E-12	1.94E-11	1.21E-11	7.22E-11	1.14E-12	2.61E-11	3.56E-09	3.29E-10	4.24E-09
2249	NG_945	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.757	1.37E-08	2.64E-08	9.16E-08	3.25E-09	7.45E-12	1.65E-06	4.40E-09	1.37E-09	2.69E-17	7.14E-10	1.89E-12	1.33E-12	2.09E-11	1.30E-11	7.79E-11	1.23E-12	2.81E-11	3.84E-09	3.56E-10	4.58E-09
2250	NG_946	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.757	1.49E-08	2.86E-08	9.90E-08	3.56E-09	8.08E-12	1.80E-06	4.78E-09	1.49E-09	2.92E-17	7.74E-10	2.06E-12	1.45E-12	2.27E-11	1.41E-11	8.45E-11	1.34E-12	3.05E-11	4.17E-09	3.86E-10	4.97E-09
2251	NG_947	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.757	1.63E-08	3.12E-08	1.08E-07	3.88E-09	8.82E-12	1.96E-06	5.22E-09	1.63E-09	3.18E-17	8.46E-10	2.24E-12	1.58E-12	2.48E-11	1.54E-11	9.23E-11	1.46E-12	3.33E-11	4.55E-09	4.21E-10	5.43E-09
2252	NG_948	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.757	1.79E-08	3.44E-08	1.18E-07	4.24E-09	9.73E-12	2.16E-06	5.75E-09	1.80E-09	3.51E-17	9.33E-10	2.48E-12	1.75E-12	2.73E-11	1.70E-11	1.02E-10	1.61E-12	3.68E-11	5.02E-09	4.65E-10	5.98E-09
2253	NG_949	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.757	2.00E-08	3.83E-08	1.31E-07	4.65E-09	1.09E-11	2.39E-06	6.41E-09	2.00E-09	3.92E-17	1.04E-09	2.76E-12	1.95E-12	3.05E-11	1.90E-11	1.14E-10	1.80E-12	4.10E-11	5.60E-09	5.18E-10	6.67E-09
2254	NG_950	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.757	2.25E-08	4.31E-08	1.48E-07	5.12E-09	1.22E-11	2.69E-06	7.24E-09	2.26E-09	4.42E-17	1.17E-09	3.12E-12	2.20E-12	3.44E-11	2.14E-11	1.28E-10	2.03E-12	4.62E-11	6.32E-09	5.84E-10	7.53E-09
2255	NG_951	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.757	2.57E-08	4.91E-08	1.68E-07	5.68E-09	1.40E-11	3.06E-06	8.25E-09	2.57E-09	5.04E-17	1.34E-09	3.55E-12	2.51E-12	3.92E-11	2.44E-11	1.46E-10	2.31E-12	5.27E-11	7.20E-09	6.66E-10	8.58E-09
2256	NG_952	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.757	2.94E-08	5.62E-08	1.93E-07	6.30E-09	1.60E-11	3.50E-06	9.45E-09	2.95E-09	5.77E-17	1.53E-09	4.07E-12	2.87E-12	4.49E-11	2.80E-11	1.67E-10	2.65E-12	6.04E-11	8.25E-09	7.63E-10	9.83E-09
2257	NG_953	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.757	3.40E-08	6.47E-08	2.22E-07	7.04E-09	1.85E-11	4.04E-06	1.09E-08	3.40E-09	6.66E-17	1.77E-09	4.70E-12	3.31E-12	5.18E-11	3.23E-11	1.93E-10	3.06E-12	6.97E-11	9.52E-09	8.81E-10	1.13E-08
2258	NG_954	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.757	3.98E-08	7.57E-08	2.60E-07	8.11E-09	2.16E-11	4.78E-06	1.28E-08	3.98E-09	7.80E-17	2.07E-09	5.50E-12	3.89E-12	6.06E-11	3.78E-11	2.26E-10	3.58E-12	8.16E-11	1.11E-08	1.03E-09	1.33E-08
2259	NG_955	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.757	4.68E-08	8.92E-08	3.07E-07	9.62E-09	2.54E-11	5.76E-06	1.50E-08	4.69E-09	9.18E-17	2.44E-09	6.48E-12	4.58E-12	7.14E-11	4.45E-11	2.66E-10	4.21E-12	9.60E-11	1.31E-08	1.21E-09	1.56E-08
2260	NG_956	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.757	5.39E-08	1.03E-07	3.54E-07	1.15E-08	2.93E-11	6.84E-06	1.73E-08	5.40E-09	1.06E-16	2.80E-09	7.45E-12	5.27E-12	8.21E-11	5.12E-11	3.06E-10	4.85E-12	1.11E-10	1.51E-08	1.40E-09	1.80E-08
2261	NG_957	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.757	5.99E-08	1.15E-07	3.95E-07	1.38E-08	3.26E-11	7.95E-06	1.92E-08	6.00E-09	1.17E-16	3.12E-09	8.30E-12	5.86E-12	9.14E-11	5.69E-11	3.41E-10	5.40E-12	1.23E-10	1.68E-08	1.55E-09	2.00E-08
2262	NG_958	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.757	6.69E-08	1.29E-07	4.42E-07	1.72E-08	3.64E-11	9.37E-06	2.15E-08	6.71E-09	1.31E-16	3.49E-09	9.27E-12	6.56E-12	1.02E-10	6.36E-11	3.80E-10	6.03E-12	1.37E-10	1.88E-08	1.74E-09	2.24E-08
2263	NG_959	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.757	7.82E-08	1.52E-07	5.19E-07	2.31E-08	4.25E-11	1.16E-05	2.51E-08	7.83E-09	1.53E-16	4.07E-09	1.08E-11	7.68E-12	1.19E-10	7.43E-11	4.44E-10	7.04E-12	1.60E-10	2.19E-08	2.03E-09	2.61E-08
2264	NG_960	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.757	9.52E-08	1.86E-07	6.37E-07	3.30E-08	5.18E-11	1.48E-05	3.06E-08	9.54E-09	1.87E-16	4.96E-09	1.32E-11	9.36E-12	1.45E-10	9.05E-11	5.41E-10	8.58E-12	1.95E-10	2.67E-08	2.47E-09	3.18E-08
2289	NG_985	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.807	1.27E-08	2.43E-08	8.45E-08	2.87E-09	6.90E-12	1.46E-06	4.08E-09	1.27E-09	2.49E-17	6.61E-10	1.75E-12	1.24E-12	1.94E-11	1.21E-11	7.22E-11	1.14E-12	2.61E-11	3.56E-09	3.29E-10	4.24E-09
2290	NG_986	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.807	1.37E-08	2.62E-08	9.06E-08	3.13E-09	7.42E-12	1.58E-06	4.39E-09	1.37E-09	2.68E-17	7.11E-10	1.89E-12	1.33E-12	2.08E-11	1.30E-11	7.76E-11	1.23E-12	2.80E-11	3.83E-09	3.54E-10	4.56E-09
2291	NG_987	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.807	1.49E-08	2.84E-08	9.81E-08	3.42E-09	8.06E-12	1.73E-06	4.77E-09	1.49E-09	2.91E-17	7.73E-10	2.05E-12	1.44E-12	2.26E-11	1.41E-11	8.44E-11	1.34E-12	3.05E-11	4.16E-09	3.85E-10	4.96E-09
2292	NG_988	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.807	1.63E-08	3.12E-08	1.07E-07	3.74E-09	8.85E-12	1.90E-06	5.23E-09	1.63E-09	3.19E-17	8.48E-10	2.25E-12	1.59E-12	2.48E-11	1.55E-11	9.26E-11	1.47E-12	3.34E-11	4.57E-09	4.23E-10	5.44E-09
2293	NG_989	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.807	1.79E-08	3.42E-08	1.18E-07	4.07E-09	9.74E-12	2.08E-06	5.76E-09	1.80E-09	3.52E-17	9.34E-10	2.48E-12	1.75E-12	2.73E-11	1.70E-11	1.02E-10	1.61E-12	3.68E-11	5.03E-09	4.65E-10	5.99E-09
2294	NG_990	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.807	1.99E-08	3.79E-08	1.30E-07	4.43E-09	1.08E-11	2.30E-06	6.39E-09	1.99E-09	3.90E-17	1.04E-09	2.75E-12	1.94E-12	3.03E-11	1.89E-11	1.13E-10	1.79E-12	4.08E-11	5.58E-09	5.16E-10	6.65E-09
2295	NG_991	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.807	2.24E-08	4.26E-08	1.46E-07	4.86E-09	1.22E-11	2.57E-06	7.19E-09	2.24E-09	4.39E-17	1.17E-09	3.09E-12	2.18E-12	3.41E-11	2.13E-11	1.27E-10	2.01E-12	4.59E-11	6.27E-09	5.80E-10	7.47E-09
2296	NG_992	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.807	2.56E-08	4.86E-08	1.66E-07	5.38E-09	1.39E-11	2.94E-06	8.21E-09	2.56E-09	5.01E-17	1.33E-09	3.53E-12	2.49E-12	3.90E-11	2.43E-11	1.45E-10	2.30E-12	5.25E-11	7.17E-09	6.63E-10	8.54E-09
2297	NG_993	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.807	2.91E-08	5.52E-08	1.89E-07	5.91E-09	1.58E-11	3.33E-06	9.34E-09	2.91E-09	5.70E-17	1.51E-09	4.02E-12	2.84E-12	4.43E-11	2.76E-11	1.65E-10	2.62E-12	5.97E-11	8.15E-09	7.54E-10	9.71E-09
2298	NG_994	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.807	3.32E-08	6.29E-08	2.16E-07	6.50E-09	1.80E-11	3.80E-06	1.07E-08	3.33E-09	6.51E-17	1.73E-09	4.59E-12	3.24E-12	5.06E-11	3.15E-11	1.89E-10	2.99E-12	6.81E-11	9.30E-09	8.61E-10	1.11E-08
2299	NG_995	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.807	3.79E-08	7.18E-08	2.47E-07	7.22E-09	2.06E-11	4.36E-06	1.22E-08	3.80E-09	7.44E-17	1.98E-09	5.25E-12	3.71E-12	5.79E-11	3.61E-11	2.16E-10	3.42E-12	7.79E-11	1.06E-08	9.84E-10	1.27E-08
2300	NG_996	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.807	4.38E-08	8.29E-08	2.86E-07	8.31E-09	2.38E-11	5.13E-06	1.41E-08	4.38E-09	8.58E-17	2.28E-09	6.06E-12	4.28E-12	6.67E-11	4.16E-11	2.49E-10	3.94E-12	8.98E-11	1.23E-08	1.13E-09	1.46E-08
2301	NG_997	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.807	4.97E-08	9.44E-08	3.26E-07	9.75E-09	2.70E-11	5.99E-06	1.60E-08	4.99E-09	9.75E-17	2.59E-09	6.89E-12	4.87E-12	7.59E-11	4.73E-11	2.83E-10	4.48E-12	1.02E-10	1.39E-08	1.29E-09	1.66E-08
2302	NG_998	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.807	5.54E-08	1.06E-07	3.65E-07	1.17E-08	3.01E-11	6.90E-06	1.78E-08	5.56E-09	1.09E-16	2.89E-09	7.68E-12	5.42E-12	8.45E-11	5.27E-11	3.15E-10	4.99E-12	1.14E-10	1.55E-08	1.44E-09	1.85E-08
2303	NG_999	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.807	6.17E-08	1.19E-07	4.09E-07	1.47E-08	3.35E-11	8.06E-06	1.98E-08	6.18E-09	1.21E-16	3.21E-09	8.54E-12	6.04E-12	9.41E-11	5.86E-11	3.51E-10	5.55E-12	1.27E-10	1.73E-08	1.60E-09	2.06E-08
2304	NG_1000	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.807	7.06E-08	1.37E-07	4.71E-07	1.99E-08	3.84E-11	9.76E-06	2.27E-08	7.07E-09	1.38E-16	3.68E-09	9.78E-12	6.92E-12	1.08E-10	6.71E-11	4.01E-10	6.36E-12	1.45E-10	1.98E-08	1.83E-09	2.36E-08
2305	NG_1001	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.807	8.24E-08	1.61E-07	5.55E-07	2.78E-08	4.48E-11	1.20E-05	2.65E-08	8.26E-09	1.62E-16	4.29E-09	1.14E-11	8.08E-12	1.26E-10	7.84E-11	4.69E-10	7.42E-12	1.69E-10	2.31E-08	2.14E-09	2.75E-08
2306	NG_1002	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.807	9.26E-08	1.82E-07	6.25E-07	3.70E-08	5.03E-11	1.41E-05	2.97E-08	9.28E-09	1.82E-16	4.82E-09	1.28E-11	9.05E-12	1.41E-10	8.80E-11	5.26E-10	8.34E-12	1.90E-10	2.60E-08	2.40E-09	3.09E-08
2330	NG_1026	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.857	1.28E-08	2.43E-08	8.41E-08	2.77E-09	6.92E-12	1.40E-06	4.09E-09	1.28E-09	2.50E-17	6.63E-10	1.76E-12	1.24E-12	1.94E-11	1.21E-11	7.24E-11	1.15E-12	2.61E-11	3.57E-09	3.30E-10	4.26E-09
2331	NG_1027	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.857	1.37E-08	2.61E-08	8.99E-08	3.00E-09	7.43E-12	1.51E-06	4.39E-09	1.37E-09	2.68E-17	7.12E-10	1.89E-12	1.33E-12	2.09E-11	1.30E-11	7.78E-11	1.23E-12	2.81E-11	3.84E-09	3.55E-10	4.57E-09
2332	NG_1028	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.857	1.49E-08	2.84E-08	9.77E-08	3.28E-09	8.10E-12	1.66E-06	4.79E-09	1.49E-09	2.92E-17	7.76E-10	2.06E-12	1.45E-12	2.27E-11	1.42E-11	8.47E-11	1.34E-12	3.06E-11	4.18E-09	3.87E-10	4.98E-09
2333	NG_1029	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.857	1.64E-08	3.11E-08	1.07E-07	3.58E-09	8.88E-12	1.82E-06	5.25E-09	1.64E-09	3.21E-17	8.51E-10	2.26E-12	1.59E-12	2.49E-11	1.55E-11	9.29E-11	1.47E-12	3.36E-11	4.58E-09	4.24E-10	5.46E-09
2334	NG_1030	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.857	1.80E-08	3.41E-08	1.17E-07	3.88E-09	9.78E-12	1.99E-06	5.78E-09	1.80E-09	3.53E-17	9.37E-10	2.49E-12	1.75E-12	2.74E-11	1.71E-11	1.02E-10	1.62E-12	3.69E-11	5.04E-09	4.67E-10	6.01E-09
2335	NG_1031	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.857	1.99E-08	3.75E-08	1.28E-07	4.19E-09	1.08E-11	2.17E-06	6.38E-09	1.99E-09	3.89E-17	1.03E-09	2.75E-12	1.94E-12	3.03E-11	1.89E-11	1.13E-10	1.79E-12	4.08E-11	5.57E-09	5.15E-10	6.63E-09
2336	NG_1032	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.857	2.23E-08	4.21E-08	1.44E-07	4.57E-09	1.21E-11	2.43E-06	7.16E-09	2.24E-09	4.37E-17	1.16E-09	3.08E-12	2.17E-12	3.40E-11	2.12E-11	1.27E-10	2.01E-12	4.58E-11	6.25E-09	5.78E-10	7.45E-09

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 1 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2337	NG_1033	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.857	2.54E-08	4.79E-08	1.64E-07	5.04E-09	1.38E-11	2.78E-06	8.17E-09	2.55E-09	4.98E-17	1.32E-09	3.52E-12	2.48E-12	3.88E-11	2.42E-11	1.45E-10	2.29E-12	5.22E-11	7.13E-09	6.59E-10	8.49E-09
2338	NG_1034	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.857	2.89E-08	5.44E-08	1.87E-07	5.51E-09	1.57E-11	3.16E-06	9.29E-09	2.90E-09	5.67E-17	1.51E-09	4.00E-12	2.82E-12	4.41E-11	2.75E-11	1.64E-10	2.61E-12	5.94E-11	8.11E-09	7.50E-10	9.67E-09
2339	NG_1035	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.857	3.26E-08	6.13E-08	2.11E-07	5.95E-09	1.77E-11	3.53E-06	1.05E-08	3.27E-09	6.40E-17	1.70E-09	4.51E-12	3.18E-12	4.97E-11	3.10E-11	1.85E-10	2.94E-12	6.69E-11	9.14E-09	8.46E-10	1.09E-08
2340	NG_1036	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.857	3.68E-08	6.90E-08	2.38E-07	6.46E-09	2.00E-11	3.96E-06	1.18E-08	3.69E-09	7.21E-17	1.92E-09	5.09E-12	3.59E-12	5.61E-11	3.50E-11	2.09E-10	3.31E-12	7.55E-11	1.03E-08	9.54E-10	1.23E-08
2341	NG_1037	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.857	4.18E-08	7.85E-08	2.72E-07	7.25E-09	2.27E-11	4.56E-06	1.34E-08	4.19E-09	8.20E-17	2.18E-09	5.79E-12	4.09E-12	6.38E-11	3.97E-11	2.38E-10	3.77E-12	8.58E-11	1.17E-08	1.08E-09	1.40E-08
2342	NG_1038	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.857	4.75E-08	8.94E-08	3.10E-07	8.50E-09	2.58E-11	5.30E-06	1.53E-08	4.76E-09	9.31E-17	2.47E-09	6.57E-12	4.65E-12	7.24E-11	4.51E-11	2.70E-10	4.28E-12	9.74E-11	1.33E-08	1.23E-09	1.59E-08
2343	NG_1039	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.857	5.37E-08	1.02E-07	3.53E-07	1.04E-08	2.92E-11	6.19E-06	1.72E-08	5.38E-09	1.05E-16	2.80E-09	7.43E-12	5.25E-12	8.19E-11	5.10E-11	3.05E-10	4.83E-12	1.10E-10	1.50E-08	1.39E-09	1.79E-08
2344	NG_1040	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.857	6.03E-08	1.15E-07	4.00E-07	1.33E-08	3.28E-11	7.26E-06	1.94E-08	6.05E-09	1.18E-16	3.14E-09	8.35E-12	5.90E-12	9.20E-11	5.73E-11	3.43E-10	5.43E-12	1.24E-10	1.69E-08	1.56E-09	2.02E-08
2345	NG_1041	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.857	6.76E-08	1.30E-07	4.52E-07	1.76E-08	3.67E-11	8.58E-06	2.17E-08	6.77E-09	1.33E-16	3.52E-09	9.36E-12	6.61E-12	1.03E-10	6.42E-11	3.84E-10	6.09E-12	1.39E-10	1.89E-08	1.75E-09	2.26E-08
2346	NG_1042	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.857	7.48E-08	1.45E-07	5.02E-07	2.32E-08	4.06E-11	1.00E-05	2.40E-08	7.49E-09	1.47E-16	3.89E-09	1.03E-11	7.31E-12	1.14E-10	7.11E-11	4.25E-10	6.73E-12	1.53E-10	2.10E-08	1.94E-09	2.50E-08
2347	NG_1043	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.857	7.98E-08	1.56E-07	5.37E-07	2.89E-08	4.34E-11	1.11E-05	2.56E-08	8.00E-09	1.56E-16	4.15E-09	1.10E-11	7.78E-12	1.22E-10	7.58E-11	4.54E-10	7.18E-12	1.64E-10	2.24E-08	2.07E-09	2.67E-08
2371	NG_1067	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.907	1.29E-08	2.45E-08	8.46E-08	2.67E-09	7.03E-12	1.36E-06	4.15E-09	1.30E-09	2.54E-17	6.73E-10	1.79E-12	1.26E-12	1.97E-11	1.23E-11	7.35E-11	1.16E-12	2.65E-11	3.62E-09	3.35E-10	4.32E-09
2372	NG_1068	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.907	1.39E-08	2.62E-08	9.04E-08	2.89E-09	7.54E-12	1.46E-06	4.46E-09	1.39E-09	2.72E-17	7.23E-10	1.92E-12	1.35E-12	2.12E-11	1.32E-11	7.89E-11	1.25E-12	2.85E-11	3.89E-09	3.60E-10	4.64E-09
2373	NG_1069	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.907	1.51E-08	2.85E-08	9.81E-08	3.14E-09	8.20E-12	1.60E-06	4.85E-09	1.51E-09	2.96E-17	7.86E-10	2.09E-12	1.47E-12	2.30E-11	1.43E-11	8.58E-11	1.36E-12	3.10E-11	4.23E-09	3.92E-10	5.04E-09
2374	NG_1070	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.907	1.66E-08	3.12E-08	1.07E-07	3.41E-09	8.99E-12	1.75E-06	5.31E-09	1.66E-09	3.24E-17	8.61E-10	2.29E-12	1.61E-12	2.52E-11	1.57E-11	9.40E-11	1.49E-12	3.39E-11	4.64E-09	4.29E-10	5.53E-09
2375	NG_1071	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.907	1.82E-08	3.42E-08	1.17E-07	3.69E-09	9.88E-12	1.90E-06	5.84E-09	1.82E-09	3.56E-17	9.47E-10	2.51E-12	1.77E-12	2.77E-11	1.73E-11	1.03E-10	1.64E-12	3.73E-11	5.10E-09	4.72E-10	6.07E-09
2376	NG_1072	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.907	2.00E-08	3.75E-08	1.28E-07	3.96E-09	1.09E-11	2.06E-06	6.43E-09	2.01E-09	3.93E-17	1.04E-09	2.77E-12	1.95E-12	3.06E-11	1.90E-11	1.14E-10	1.80E-12	4.11E-11	5.62E-09	5.20E-10	6.69E-09
2377	NG_1073	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.907	2.24E-08	4.19E-08	1.43E-07	4.28E-09	1.22E-11	2.29E-06	7.20E-09	2.25E-09	4.40E-17	1.17E-09	3.10E-12	2.19E-12	3.42E-11	2.13E-11	1.27E-10	2.02E-12	4.60E-11	6.28E-09	5.81E-10	7.49E-09
2378	NG_1074	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.907	2.55E-08	4.75E-08	1.62E-07	4.67E-09	1.38E-11	2.59E-06	8.18E-09	2.55E-09	4.99E-17	1.33E-09	3.52E-12	2.48E-12	3.88E-11	2.42E-11	1.45E-10	2.29E-12	5.22E-11	7.13E-09	6.60E-10	8.50E-09
2379	NG_1075	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.907	2.90E-08	5.39E-08	1.85E-07	5.07E-09	1.57E-11	2.93E-06	9.30E-09	2.90E-09	5.68E-17	1.51E-09	4.01E-12	2.83E-12	4.42E-11	2.75E-11	1.65E-10	2.61E-12	5.94E-11	8.12E-09	7.51E-10	9.67E-09
2380	NG_1076	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.907	3.25E-08	6.03E-08	2.08E-07	5.40E-09	1.77E-11	3.22E-06	1.05E-08	3.26E-09	6.38E-17	1.69E-09	4.50E-12	3.18E-12	4.96E-11	3.09E-11	1.85E-10	2.93E-12	6.68E-11	9.12E-09	8.44E-10	1.09E-08
2381	NG_1077	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.907	3.67E-08	6.80E-08	2.35E-07	5.82E-09	1.99E-11	3.58E-06	1.18E-08	3.68E-09	7.19E-17	1.91E-09	5.08E-12	3.59E-12	5.60E-11	3.49E-11	2.09E-10	3.30E-12	7.53E-11	1.03E-08	9.52E-10	1.23E-08
2382	NG_1078	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.907	4.18E-08	7.76E-08	2.70E-07	6.50E-09	2.27E-11	4.09E-06	1.34E-08	4.19E-09	8.19E-17	2.18E-09	5.78E-12	4.08E-12	6.37E-11	3.97E-11	2.38E-10	3.76E-12	8.57E-11	1.17E-08	1.08E-09	1.40E-08
2383	NG_1079	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.907	4.77E-08	8.91E-08	3.12E-07	7.65E-09	2.59E-11	4.77E-06	1.53E-08	4.78E-09	9.36E-17	2.49E-09	6.61E-12	4.67E-12	7.28E-11	4.54E-11	2.71E-10	4.30E-12	9.79E-11	1.34E-08	1.24E-09	1.59E-08
2384	NG_1080	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.907	5.43E-08	1.02E-07	3.58E-07	9.47E-09	2.95E-11	5.60E-06	1.74E-08	5.44E-09	1.06E-16	2.83E-09	7.51E-12	5.31E-12	8.27E-11	5.16E-11	3.08E-10	4.89E-12	1.11E-10	1.52E-08	1.41E-09	1.81E-08
2385	NG_1081	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.907	6.10E-08	1.16E-07	4.05E-07	1.21E-08	3.32E-11	6.60E-06	1.96E-08	6.12E-09	1.20E-16	3.18E-09	8.45E-12	5.97E-12	9.31E-11	5.80E-11	3.47E-10	5.50E-12	1.25E-10	1.71E-08	1.58E-09	2.04E-08
2386	NG_1082	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.907	6.71E-08	1.28E-07	4.47E-07	1.56E-08	3.65E-11	7.64E-06	2.15E-08	6.72E-09	1.32E-16	3.49E-09	9.28E-12	6.55E-12	1.02E-10	6.37E-11	3.81E-10	6.04E-12	1.38E-10	1.88E-08	1.74E-09	2.24E-08
2387	NG_1083	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.907	7.15E-08	1.37E-07	4.78E-07	1.94E-08	3.89E-11	8.55E-06	2.30E-08	7.17E-09	1.40E-16	3.72E-09	9.89E-12	6.97E-12	1.09E-10	6.79E-11	4.06E-10	6.44E-12	1.47E-10	2.00E-08	1.85E-09	2.39E-08
2412	NG_1108	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.957	1.33E-08	2.49E-08	8.60E-08	2.58E-09	7.20E-12	1.33E-06	4.26E-09	1.33E-09	2.60E-17	6.90E-10	1.83E-12	1.29E-12	2.02E-11	1.26E-11	7.53E-11	1.19E-12	2.72E-11	3.71E-09	3.44E-10	4.43E-09
2413	NG_1109	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.957	1.43E-08	2.67E-08	9.21E-08	2.79E-09	7.74E-12	1.43E-06	4.57E-09	1.43E-09	2.79E-17	7.41E-10	1.97E-12	1.39E-12	2.17E-11	1.35E-11	8.10E-11	1.28E-12	2.92E-11	3.99E-09	3.69E-10	4.76E-09
2414	NG_1110	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.957	1.55E-08	2.89E-08	9.95E-08	3.01E-09	8.39E-12	1.55E-06	4.96E-09	1.55E-09	3.03E-17	8.04E-10	2.14E-12	1.50E-12	2.36E-11	1.47E-11	8.78E-11	1.39E-12	3.17E-11	4.33E-09	4.01E-10	5.16E-09
2415	NG_1111	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.957	1.69E-08	3.15E-08	1.08E-07	3.25E-09	9.16E-12	1.68E-06	5.41E-09	1.69E-09	3.30E-17	8.78E-10	2.33E-12	1.64E-12	2.57E-11	1.60E-11	9.58E-11	1.52E-12	3.46E-11	4.72E-09	4.37E-10	5.63E-09
2416	NG_1112	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.957	1.85E-08	3.45E-08	1.18E-07	3.49E-09	1.01E-11	1.82E-06	5.95E-09	1.86E-09	3.63E-17	9.64E-10	2.56E-12	1.80E-12	2.82E-11	1.76E-11	1.05E-10	1.67E-12	3.80E-11	5.19E-09	4.80E-10	6.18E-09
2417	NG_1113	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.957	2.05E-08	3.79E-08	1.30E-07	3.74E-09	1.11E-11	1.97E-06	6.57E-09	2.05E-09	4.01E-17	1.06E-09	2.83E-12	1.99E-12	3.12E-11	1.94E-11	1.16E-10	1.84E-12	4.20E-11	5.73E-09	5.30E-10	6.83E-09
2418	NG_1114	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.957	2.29E-08	4.22E-08	1.44E-07	4.00E-09	1.24E-11	2.16E-06	7.34E-09	2.29E-09	4.48E-17	1.19E-09	3.16E-12	2.23E-12	3.48E-11	2.17E-11	1.30E-10	2.06E-12	4.69E-11	6.40E-09	5.92E-10	7.63E-09
2419	NG_1115	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.957	2.58E-08	4.74E-08	1.62E-07	4.29E-09	1.40E-11	2.39E-06	8.27E-09	2.58E-09	5.05E-17	1.34E-09	3.56E-12	2.51E-12	3.93E-11	2.45E-11	1.46E-10	2.32E-12	5.28E-11	7.22E-09	6.68E-10	8.60E-09
2420	NG_1116	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.957	2.92E-08	5.37E-08	1.85E-07	4.61E-09	1.59E-11	2.66E-06	9.39E-09	2.93E-09	5.73E-17	1.52E-09	4.04E-12	2.86E-12	4.46E-11	2.78E-11	1.66E-10	2.63E-12	6.00E-11	8.19E-09	7.58E-10	9.76E-09
2421	NG_1117	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.957	3.33E-08	6.10E-08	2.11E-07	4.93E-09	1.81E-11	2.94E-06	1.07E-08	3.33E-09	6.52E-17	1.73E-09	4.60E-12	3.25E-12	5.07E-11	3.16E-11	1.89E-10	2.99E-12	6.82E-11	9.32E-09	8.62E-10	1.11E-08
2422	NG_1118	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.957	3.81E-08	6.98E-08	2.44E-07	5.37E-09	2.07E-11	3.28E-06	1.22E-08	3.82E-09	7.47E-17	1.98E-09	5.27E-12	3.73E-12	5.81E-11	3.62E-11	2.17E-10	3.43E-12	7.82E-11	1.07E-08	9.88E-10	1.27E-08
2423	NG_1119	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.957	4.39E-08	8.08E-08	2.85E-07	6.04E-09	2.39E-11	3.74E-06	1.41E-08	4.40E-09	8.61E-17	2.29E-09	6.08E-12	4.29E-12	6.70E-11	4.17E-11	2.50E-10	3.95E-12	9.01E-11	1.23E-08	1.14E-09	1.47E-08
2424	NG_1120	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.957	5.04E-08	9.32E-08	3.31E-07	7.11E-09	2.74E-11	4.33E-06	1.62E-08	5.05E-09	9.87E-17	2.62E-09	6.97E-12	4.92E-12	7.68E-11	4.79E-11	2.86E-10	4.53E-12	1.03E-10	1.41E-08	1.31E-09	1.68E-08
2425	NG_1121	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.957	5.71E-08	1.06E-07	3.80E-07	8.73E-09	3.11E-11	5.08E-06	1.83E-08	5.72E-09	1.12E-16	2.98E-09	7.91E-12	5.58E-12	8.71E-11	5.43E-11	3.25E-10	5.14E-12	1.17E-10	1.60E-08	1.48E-09	1.91E-08
2426	NG_1122	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.957	6.35E-08	1.19E-07	4.24E-07	1.10E-08	3.45E-11	5.94E-06	2.04E-08	6.36E-09	1.24E-16	3.31E-09	8.78E-12	6.20E-12	9.68E-11	6.03E-11	3.61E-10	5.72E-12	1.30E-10	1.78E-08	1.65E-09	2.12E-08
2427	NG_1123	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.957	6.83E-08	1.29E-07	4.56E-07	1.36E-08	3.71E-11	6.76E-06	2.19E-08	6.85E-09	1.34E-16	3.56E-09	9.45E-12	6.67E-12	1.04E-10	6.49E-11	3.88E-10	6.15E-12	1.40E-10	1.92E-08	1.77E-09	2.28E-08
2428	NG_1124	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.957	7.10E-08	1.34E-07	4.72E-07	1.63E-08	3.86E-11	7.38E-06	2.28E-08	7.11E-09	1.39E-16	3.70E-09	9.81E-12	6.91E-12	1.08E-10	6.74E-11	4.03E-10	6.39E-12	1.46E-10	1.99E-08	1.84E-09	2.37E-08
2453	NG_1149	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.007	1.37E-08	2.55E-08	8.81E-08	2.50E-09	7.43E-12	1.30E-06	4.39E-09	1.37E-09	2.68E-17	7.12E-10	1.89E-12	1.33E-12	2.09E-11	1.30E-11	7.78E-11	1.23E-12	2.81E-11	3.83E-09	3.55E-10	4.57E-09
2454	NG_1150	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.007	1.47E-08	2.73E-08	9.42E-08	2.68E-09	7.98E-12	1.39E-06	4.72E-09	1.47E-09	2.88E-17	7.65E-10	2.03E-12	1.43E-12	2.24E-11	1.40E-11	8.35E-11	1.32E-12	3.01E-11	4.12E-09	3.81E-10	4.91E-09
2455	NG_1151	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.007	1.59E-08	2.94E-08	1.01E-07	2.87E-09	8.61E-12	1.49E-06	5.09E-09	1.59E-09	3.11E-17	8.25E-10	2.19E-12	1.54E-12	2.42E-11	1.51E-11	9.01E-11	1.43E-12	3.25E-11	4.44E-09	4.11E-10	5.29E-09
2456	NG_1152	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.007	1.73E-08	3.20E-08	1.10E-07	3.08E-09	9.39E-12	1.61E-06	5.55E-09	1.73E-09	3.39E-17	9.00E-10	2.39E-12	1.68E-12	2.63E-11	1.64E-11	9.82E-11	1.56E-12	3.55E-11	4.84E-09	4.48E-10	5.77E-09
2457	NG_1153	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.007	1.89E-08	3.49E-08	1.19E-07	3.28E-09	1.03E-11	1.72E-06	6.08E-09	1.90E-09	3.71E-17	9.86E-10	2.62E-12	1.85E-12	2.89E-11	1.80E-11	1.08E-10	1.70E-12	3.88E-11	5.31E-09	4.91E-10	6.32E-09
2458	NG_1154	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.007	2.10E-08	3.85E-08	1.32E-07	3.50E-09	1.14E-11	1.87E-06	6.74E-09	2.10E-09	4.12E-17	1.09E-09	2.90E-12	2.05E-12	3.20E-11	1.99E-11	1.19E-10	1.89E-12	4.31E-11	5.89E-09	5.45E-10	7.01E-09
2459	NG_1155	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.007	2.35E-08	4.28E-08	1.47E-07	3.72E-09	1.27E-11	2.02E-06	7.53E-09	2.35E-09	4.60E-17	1.22E-09	3.24E-12	2.29E-12	3.57E-11	2.23E-11	1.33E-10	2.11E-12	4.81E-11	6.57E-09	6.08E-10	7.83E-09
2460	NG_1156	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.007	2.65E-08	4.84E-08	1.66E-07	3.97E-09	1.44E-11	2.21E-06	8.52E-09	2.66E-09	5.20E-17	1.38E-09	3.67E-12	2.59E-12	4.04E-11	2.52E-11	1.51E-10	2.39E-12	5.44E-11	7.43E-09	6.88E-10	8.86E-09
2461	NG_1157	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.007	3.02E-08	5.49E-08	1.90E-07	4.24E-09	1.64E-11	2.43E-06	9.69E-09	3.02E-09	5.92E-17	1.57E-09	4.18E-12	2.95E-12	4.60E-11	2.87E-11	1.72E-10	2.72E-12	6.19E-11	8.46E-09	7.83E-10	1.01E-08
2462	NG_1158	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.007	3.49E-08	6.34E-08	2.22E-07	4.59E-09	1.89E-11	2.70E-06	1.12E-08	3.49E-09	6.83E-17	1.81E-09	4.82E-12	3.41E-12	5.31E-11	3.31E-11	1.98E-10	3.14E-12	7.15E-11	9.77E-09	9.04E-10	1.16E-08
2463	NG_1159	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.007	4.05E-08	7.39E-08	2.62E-07	5.06E-09	2.20E-11	3.03E-06	1.30E-08	4.06E-09	7.95E-17	2.11E-09	5.61E-12	3.97E-12	6.18E-11	3.85E-11	2.30E-10	3.65E-12	8.32E-11	1.14E-08	1.05E-09	1.35E-08
2464	NG_1160	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.007	4.77E-08	8.74E-08	3.14E-07	5.80E-09	2.59E-11	3.49E-06	1.53E-08	4.78E-09	9.35E-17	2.48E-09	6.61E-12	4.67E-12	7.28E-11	4.53E-11	2.71E-10	4.30E-12	9.79E-11	1.34E-08	1.24E-09	1.59E-08
2465	NG_1161	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.007	5.54E-08	1.02E-07	3.70E-07	6.83E-09	3.01E-11	4.04E-06	1.78E-08	5.55E-09	1.09E-16	2.88E-09	7.66E-12	5.42E-12	8.44E-11	5.26E-11	3.15E-10	4.99E-12	1.14E-10	1.55E-08	1.44E-09	1.85E-08
2466	NG_1162	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.007	6.26E-08	1.16E-07	4.23E-07	8.22E-09	3.40E-11	4.68E-06	2.01E-08	6.27E-09	1.23E-16	3.26E-09	8.66E-12	6.12E-12	9.55E-11	5.95E-11	3.56E-10	5.64E-12	1.28E-10	1.76E-08	1.62E-09	2.09E-08
2467	NG_1163	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.007	6.83E-08	1.27E-07	4.61E-07	9.93E-09	3.71E-11	5.35E-06	2.19E-08	6.84E-09	1.34E-16	3.55E-09	9.44E-12	6.66E-12	1.04E-10	6.49E-11	3.88E-10	6.15E-12	1.40E-10	1.91E-08	1.77E-09	2.28E-08
2468	NG_1164	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.007	7.16E-08	1.34E-07	4.82E-07	1.18E-08	3.89E-11	5.93E-06	2.30E-08	7.18E-09	1.40E-16	3.73E-09	9.90E-12	6.98E-12	1.09E-10	6.80E-11	4.07E-10	6.45E-12	1.47E-10	2.01E-08	1.86E-09	2.39E-08
2469	NG_1165	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.007	7.27E-08	1.36E-07	4.85E-07	1.36E-08	3.95E-11	6.33E-06	2.33E-08	7.28E-09	1.42E-16	3.78E-09	1.00E-11	7.07E-12	1.11E-10	6.90E-11	4.13E-10	6.54E-12	1.49E-10	2.04E-08	1.88E-09	2.43E-08
2494	NG_1190	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.057	1.42E-08	2.62E-08	9.04E-08	2.40E-09	7.69E-12	1.27E-06	4.54E-09	1.42E-09	2.77E-17	7.37E-10	1.95E-12	1.38E-12	2.16E-11	1.34E-11	8.04E-11	1.27E-12	2.90E-11	3.97E-09	3.67E-10	4.73E-09
2495	NG_1191	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.057	1.52E-08	2.80E-08	9.66E-08	2.57E-09	8.25E-12	1.35E-06	4.88E-09	1.52E-09	2.98E-17	7.91E-10	2.10E-12	1.48E-12	2.32E-11	1.44E-11	8.63E-11	1.37E-12	3.12E-11	4.26E-09	3.94E-10	5.07E-09
2496	NG_1192	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.057	1.64E-08	3.01E-08	1.03E-07	2.72E-09	8.88E-12	1.43E-06	5.25E-09	1.64E-09	3.21E-17	8.51E-10	2.26E-12	1.59E-12	2.49E-11	1.55E-11	9.29E-11	1.47E-12	3.36E-11	4.58E-09	4.24E-10	5.46E-09
2497	NG_1193	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.057	1.78E-08	3.25E-08	1.11E-07	2.88E-09	9.64E-12	1.52E-06	5.70E-09	1.78E-09	3.48E-17	9.24E-10	2.45E-12	1.73E-12	2.70E-11	1.68E-11	1.01E-10	1.60E-12	3.64E-11	4.97E-09	4.60E-10	5.92E-09
2498	NG_1194	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.057	1.95E-08	3.55E-08	1.22E-07	3.06E-09	1.06E-11	1.62E-06	6.25E-09	1.95E-09	3.82E-17	1.01E-09	2.69E-12	1.90E-12	2.97E-11	1.85E-11	1.11E-10	1.75E-12	3.99E-11	5.45E-09	5.05E-10	6.50E-09
2499	NG_1195	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.057	2.16E-08	3.92E-08	1.34E-07	3.25E-09	1.17E-11	1.73E-06	6.93E-09	2.16E-09	4.23E-17	1.12E-09	2.98E-12	2.11E-12	3.29E-11	2.05E-11	1.23E-10	1.94E-12	4.43E-11	6.05E-09	5.59E-10	7.21E-09
2500	NG_1196	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.057	2.42E-08	4.38E-08	1.51E-07	3.45E-09	1.32E-11	1.87E-06	7.78E-09	2.43E-09	4.75E-17	1.26E-09	3.35E-12	2.36E-12	3.69E-11	2.30E-11	1.38E-10	2.18E-12	4.97E-11	6.79E-09	6.28E-10	8.09E-09
2501	NG_1197	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.057	2.77E-08	5.00E-08	1.74E-07	3.71E-09	1.50E-11	2.05E-06	8.89E-09	2.77E-09	5.43E-17	1.44E-09	3.83E-12	2.70E-12	4.22E-11	2.63E-11	1.57E-10	2.49E-12	5.68E-11	7.76E-09	7.18E-10	9.24E-09
2502	NG_1198	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.057	3.19E-08	5.77E-08	2.03E-07	4.00E-09	1.73E-11	2.26E-06	1.03E-08	3.20E-09	6.26E-17	1.66E-09	4.42E-12	3.12E-12	4.87E-11	3.03E-11	1.81E-10	2.87E-12	6.55E-11	8.95E-09	8.28E-10	1.07E-08
2503	NG_1199	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.057	3.71E-08	6.72E-08	2.39E-07	4.36E-09	2.02E-11	2.50E-06	1.19E-08	3.72E-09	7.28E-17	1.93E-09	5.14E-12	3.63E-12	5.66E-11	3.53E-11	2.11E-10	3.34E-12	7.61E-11	1.04E-08	9.62E-10	1.24E-08
2504	NG_1200	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.057	4.38E-08	7.97E-08	2.88E-07	4.89E-09	2.38E-11	2.83E-06	1.41E-08	4.39E-09	8.58E-17	2.28E-09	6.06E-12	4.28E-12	6.68E-11	4.16E-11	2.49E-10	3.94E-12	8.98E-11	1.23E-08	1.14E-09	1.46E-08
2505	NG_1201	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.057	5.21E-08	9.55E-08	3.52E-07	5.67E-09	2.83E-11	3.29E-06	1.67E-08	5.22E-09	1.02E-16	2.72E-09	7.22E-12	5.10E-12	7.95E-11	4.96E-11	2.96E-10	4.70E-12	1.07E-10	1.46E-08	1.35E-09	1.74E-08
2506	NG_1202	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.057	6.11E-08	1.13E-07	4.19E-07	6.69E-09	3.32E-11	3.83E-06	1.96E-08	6.12E-09	1.20E-16	3.18E-09	8.46E-12	5.98E-12	9.32E-11	5.81E-11	3.47E-10	5.50E-12	1.25E-10	1.71E-08	1.58E-09	2.04E-08
2507	NG_1203	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.057	6.91E-08	1.28E-07	4.78E-07	7.89E-09	3.76E-11	4.38E-06	2.22E-08	6.93E-09	1.36E-16	3.60E-09	9.57E-12	6.76E-12	1.05E-10	6.57E-11	3.93E-10	6.23E-12	1.42E-10	1.94E-08	1.79E-09	2.31E-08
2508	NG_1204	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.057	7.48E-08	1.39E-07	5.16E-07	9.17E-09	4.06E-11	4.90E-06	2.40E-08	7.50E-09	1.47E-16	3.90E-09	1.03E-11	7.30E-12	1.14E-10	7.11E-11	4.25E-10	6.73E-12	1.53E-10	2.10E-08	1.94E-09	2.50E-08
2509	NG_1205	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.057	7.72E-08	1.43E-07	5.28E-07	1.04E-08	4.19E-11	5.28E-06	2.48E-08	7.74E-09	1.51E-16	4.02E-09	1.07E-11	7.51E-12	1.18E-10	7.33E-11	4.39E-10	6.95E-12	1.58E-10	2.16E-08	2.00E-09	2.58E-08
2510	NG_1206	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.057	7.66E-08	1.41E-07	5.17E-07	1.14E-08	4.16E-11	5.47E-06	2.46E-08	7.67E-09	1.50E-16	3.99E-09	1.06E-11	7.44E-12	1.17E-10	7.27E-11	4.35E-10	6.89E-12	1.57E-10	2.15E-08	1.99E-09	2.56E-08
2521	NG_1217	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.057	3.80E-08	7.17E-08	2.72E-07	4.29E-09	2.06E-11	2.28E-06	1.22E-08	3.81E-09	7.44E-17	1.98E-09	5.23E-12	3.67E-12	5.79E-11	3.60E-11	2.16E-10	3.42E-12	7.80E-11	1.06E-08	9.85E-10	1.27E-08
2522	NG_1218	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.057	3.63E-08	6.89E-08	2.65E-07	3.88E-09	1.97E-11	2.11E-06	1.17E-08	3.64E-09	7.12E-17	1.89E-09	5.00E-12	3.51E-12	5.53E-11	3.44E-11	2.06E-10	3.27E-12	7.45E-11	1.02E-08	9.41E-10	1.21E-08
2523	NG_1219	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.057	3.47E-08	6.61E-08	2.58E-07	3.48E-09	1.88E-11	1.92E-06	1.11E-08	3.48E-09	6.81E-17	1.81E-09	4.78E-12	3.35E-12	5.29E-11	3.29E-11	1.97E-10	3.12E-12	7.13E-11	9.73E-09	9.00E-10	1.16E-08
2524	NG_1220	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.057	3.32E-08	6.35E-08	2.51E-07	3.13E-09	1.80E-11	1.75E-06	1.07E-08	3.33E-09	6.52E-17	1.73E-09	4.58E-12	3.20E-12	5.07E-11	3.15E-11	1.89E-10	2.99E-12	6.82E-11	9.31E-09	8.62E-10	1.11E-08

AQIA DATA - SCENARIO 1 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							1.62E-07	3.13E-07	1.05E-06	5.68E-08	8.79E-11	2.69E-05	5.19E-08	1.62E-08	3.17E-16	8.41E-09	2.24E-11	1.59E-11	2.46E-10	1.54E-10	9.18E-10	1.46E-11	3.31E-10	4.53E-08	4.19E-09	5.40E-08
Receptor ID of Maximum Offsite Concentration / Deposition Rate							NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837
Coordinates of Maximum Offsite Concentration/ Deposition Rate						X	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464
						Y	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607
2533	NG_1229	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.057	2.38E-08	4.60E-08	1.95E-07	1.68E-09	1.29E-11	9.24E-07	7.64E-09	2.38E-09	4.66E-17	1.24E-09	3.27E-12	2.29E-12	3.62E-11	2.26E-11	1.35E-10	2.14E-12	4.88E-11	6.66E-09	6.17E-10	7.94E-09
2534	NG_1230	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.057	2.37E-08	4.61E-08	1.97E-07	1.66E-09	1.29E-11	8.97E-07	7.62E-09	2.38E-09	4.65E-17	1.24E-09	3.27E-12	2.29E-12	3.62E-11	2.25E-11	1.35E-10	2.14E-12	4.87E-11	6.65E-09	6.16E-10	7.93E-09
2535	NG_1231	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.107	1.46E-08	2.68E-08	9.26E-08	2.29E-09	7.94E-12	1.22E-06	4.69E-09	1.46E-09	2.87E-17	7.61E-10	2.02E-12	1.42E-12	2.23E-11	1.39E-11	8.31E-11	1.32E-12	3.00E-11	4.10E-09	3.79E-10	4.88E-09
2536	NG_1232	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.107	1.57E-08	2.86E-08	9.88E-08	2.43E-09	8.51E-12	1.29E-06	5.03E-09	1.57E-09	3.07E-17	8.16E-10	2.17E-12	1.53E-12	2.39E-11	1.49E-11	8.91E-11	1.41E-12	3.22E-11	4.39E-09	4.06E-10	5.23E-09
2537	NG_1233	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.107	1.69E-08	3.07E-08	1.06E-07	2.56E-09	9.17E-12	1.36E-06	5.42E-09	1.69E-09	3.31E-17	8.79E-10	2.33E-12	1.64E-12	2.57E-11	1.60E-11	9.59E-11	1.52E-12	3.46E-11	4.73E-09	4.38E-10	5.64E-09
2538	NG_1234	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.107	1.84E-08	3.33E-08	1.14E-07	2.70E-09	9.97E-12	1.43E-06	5.89E-09	1.84E-09	3.60E-17	9.55E-10	2.54E-12	1.79E-12	2.80E-11	1.74E-11	1.04E-10	1.65E-12	3.76E-11	5.14E-09	4.76E-10	6.13E-09
2539	NG_1235	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.107	2.01E-08	3.63E-08	1.25E-07	2.85E-09	1.09E-11	1.51E-06	6.46E-09	2.02E-09	3.95E-17	1.05E-09	2.78E-12	1.96E-12	3.07E-11	1.91E-11	1.14E-10	1.81E-12	4.13E-11	5.64E-09	5.22E-10	6.72E-09
2540	NG_1236	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.107	2.24E-08	4.02E-08	1.39E-07	3.02E-09	1.21E-11	1.60E-06	7.18E-09	2.24E-09	4.38E-17	1.16E-09	3.09E-12	2.18E-12	3.41E-11	2.12E-11	1.27E-10	2.01E-12	4.59E-11	6.26E-09	5.80E-10	7.46E-09
2541	NG_1237	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.107	2.53E-08	4.54E-08	1.57E-07	3.23E-09	1.37E-11	1.73E-06	8.12E-09	2.53E-09	4.96E-17	1.32E-09	3.50E-12	2.47E-12	3.86E-11	2.40E-11	1.44E-10	2.28E-12	5.19E-11	7.09E-09	6.56E-10	8.45E-09
2542	NG_1238	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.107	2.92E-08	5.26E-08	1.85E-07	3.52E-09	1.59E-11	1.93E-06	9.39E-09	2.93E-09	5.73E-17	1.52E-09	4.05E-12	2.86E-12	4.46E-11	2.78E-11	1.66E-10	2.63E-12	6.00E-11	8.19E-09	7.58E-10	9.77E-09
2543	NG_1239	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.107	3.41E-08	6.15E-08	2.19E-07	3.85E-09	1.85E-11	2.14E-06	1.10E-08	3.42E-09	6.69E-17	1.78E-09	4.72E-12	3.33E-12	5.20E-11	3.24E-11	1.94E-10	3.07E-12	7.00E-11	9.56E-09	8.85E-10	1.14E-08
2544	NG_1240	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.107	3.99E-08	7.21E-08	2.61E-07	4.25E-09	2.17E-11	2.36E-06	1.28E-08	3.99E-09	7.81E-17	2.08E-09	5.52E-12	3.90E-12	6.08E-11	3.79E-11	2.27E-10	3.59E-12	8.18E-11	1.12E-08	1.03E-09	1.33E-08
2545	NG_1241	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.107	4.71E-08	8.58E-08	3.16E-07	4.80E-09	2.56E-11	2.67E-06	1.51E-08	4.72E-09	9.24E-17	2.45E-09	6.52E-12	4.61E-12	7.19E-11	4.48E-11	2.68E-10	4.24E-12	9.67E-11	1.32E-08	1.22E-09	1.57E-08
2546	NG_1242	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.107	5.62E-08	1.03E-07	3.87E-07	5.59E-09	3.05E-11	3.11E-06	1.80E-08	5.63E-09	1.10E-16	2.93E-09	7.78E-12	5.50E-12	8.57E-11	5.34E-11	3.19E-10	5.06E-12	1.15E-10	1.57E-08	1.46E-09	1.88E-08
2547	NG_1243	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.107	6.57E-08	1.21E-07	4.61E-07	6.53E-09	3.57E-11	3.60E-06	2.11E-08	6.58E-09	1.29E-16	3.42E-09	9.09E-12	6.42E-12	1.00E-10	6.24E-11	3.73E-10	5.91E-12	1.35E-10	1.84E-08	1.70E-09	2.19E-08
2548	NG_1244	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.107	7.38E-08	1.37E-07	5.20E-07	7.54E-09	4.01E-11	4.07E-06	2.37E-08	7.39E-09	1.45E-16	3.84E-09	1.02E-11	7.21E-12	1.13E-10	7.01E-11	4.19E-10	6.64E-12	1.51E-10	2.07E-08	1.91E-09	2.46E-08
2549	NG_1245	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.107	7.94E-08	1.47E-07	5.58E-07	8.52E-09	4.32E-11	4.48E-06	2.55E-08	7.96E-09	1.56E-16	4.13E-09	1.10E-11	7.75E-12	1.21E-10	7.54E-11	4.51E-10	7.15E-12	1.63E-10	2.23E-08	2.06E-09	2.65E-08
2550	NG_1246	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.107	8.12E-08	1.50E-07	5.64E-07	9.32E-09	4.41E-11	4.72E-06	2.61E-08	8.14E-09	1.59E-16	4.23E-09	1.12E-11	7.91E-12	1.24E-10	7.72E-11	4.62E-10	7.31E-12	1.67E-10	2.28E-08	2.11E-09	2.71E-08
2555	NG_1251	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.107	5.91E-08	1.07E-07	3.85E-07	8.43E-09	3.21E-11	3.38E-06	1.90E-08	5.93E-09	1.16E-16	3.08E-09	8.15E-12	5.72E-12	9.01E-11	5.61E-11	3.36E-10	5.32E-12	1.21E-10	1.66E-08	1.53E-09	1.98E-08
2556	NG_1252	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.107	5.41E-08	9.81E-08	3.53E-07	7.45E-09	2.94E-11	3.02E-06	1.74E-08	5.42E-09	1.06E-16	2.82E-09	7.46E-12	5.23E-12	8.25E-11	5.14E-11	3.08E-10	4.87E-12	1.11E-10	1.52E-08	1.40E-09	1.81E-08
2557	NG_1253	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.107	5.01E-08	9.11E-08	3.30E-07	6.50E-09	2.72E-11	2.72E-06	1.61E-08	5.02E-09	9.83E-17	2.61E-09	6.91E-12	4.85E-12	7.64E-11	4.76E-11	2.85E-10	4.51E-12	1.03E-10	1.41E-08	1.30E-09	1.67E-08
2558	NG_1254	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.107	4.73E-08	8.64E-08	3.16E-07	5.70E-09	2.57E-11	2.51E-06	1.52E-08	4.74E-09	9.26E-17	2.46E-09	6.52E-12	4.57E-12	7.20E-11	4.48E-11	2.69E-10	4.25E-12	9.70E-11	1.32E-08	1.23E-09	1.58E-08
2561	NG_1257	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.107	4.20E-08	7.84E-08	2.98E-07	4.24E-09	2.28E-11	2.16E-06	1.35E-08	4.20E-09	8.23E-17	2.18E-09	5.79E-12	4.06E-12	6.40E-11	3.98E-11	2.39E-10	3.78E-12	8.61E-11	1.18E-08	1.09E-09	1.40E-08
2562	NG_1258	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.107	4.10E-08	7.72E-08	2.98E-07	3.97E-09	2.22E-11	2.10E-06	1.32E-08	4.11E-09	8.04E-17	2.13E-09	5.65E-12	3.97E-12	6.25E-11	3.89E-11	2.33E-10	3.69E-12	8.41E-11	1.15E-08	1.06E-09	1.37E-08
2563	NG_1259	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.107	3.98E-08	7.53E-08	2.96E-07	3.66E-09	2.16E-11	1.98E-06	1.28E-08	3.98E-09	7.80E-17	2.07E-09	5.48E-12	3.85E-12	6.06E-11	3.77E-11	2.26E-10	3.58E-12	8.16E-11	1.11E-08	1.03E-09	1.33E-08
2564	NG_1260	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.107	3.83E-08	7.29E-08	2.90E-07	3.35E-09	2.08E-11	1.84E-06	1.23E-08	3.84E-09	7.51E-17	1.99E-09	5.28E-12	3.70E-12	5.84E-11	3.64E-11	2.18E-10	3.45E-12	7.87E-11	1.07E-08	9.94E-10	1.28E-08
2565	NG_1261	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.107	3.66E-08	6.98E-08	2.81E-07	3.04E-09	1.99E-11	1.69E-06	1.17E-08	3.67E-09	7.17E-17	1.90E-09	5.04E-12	3.53E-12	5.58E-11	3.47E-11	2.08E-10	3.29E-12	7.51E-11	1.03E-08	9.49E-10	1.22E-08
2567	NG_1263	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.107	3.20E-08	6.13E-08	2.50E-07	2.46E-09	1.74E-11	1.36E-06	1.03E-08	3.21E-09	6.28E-17	1.67E-09	4.41E-12	3.08E-12	4.88E-11	3.04E-11	1.82E-10	2.88E-12	6.58E-11	8.98E-09	8.31E-10	1.07E-08
2568	NG_1264	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.107	3.03E-08	5.80E-08	2.38E-07	2.25E-09	1.64E-11	1.25E-06	9.72E-09	3.03E-09	5.94E-17	1.58E-09	4.17E-12	2.91E-12	4.61E-11	2.87E-11	1.72E-10	2.72E-12	6.22E-11	8.48E-09	7.85E-10	1.01E-08
2569	NG_1265	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.107	2.88E-08	5.52E-08	2.28E-07	2.08E-09	1.56E-11	1.15E-06	9.25E-09	2.89E-09	5.65E-17	1.50E-09	3.96E-12	2.77E-12	4.39E-11	2.73E-11	1.64E-10	2.59E-12	5.91E-11	8.07E-09	7.47E-10	9.62E-09
2570	NG_1266	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.107	2.75E-08	5.27E-08	2.19E-07	1.93E-09	1.49E-11	1.06E-06	8.82E-09	2.75E-09	5.38E-17	1.43E-09	3.78E-12	2.64E-12	4.18E-11	2.60E-11	1.56E-10	2.47E-12	5.64E-11	7.69E-09	7.12E-10	9.17E-09
2571	NG_1267	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.107	2.63E-08	5.04E-08	2.10E-07	1.81E-09	1.42E-11	9.90E-07	8.43E-09	2.63E-09	5.15E-17	1.37E-09	3.61E-12	2.53E-12	4.00E-11	2.49E-11	1.49E-10	2.36E-12	5.39E-11	7.36E-09	6.81E-10	8.77E-09
2572	NG_1268	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.107	2.53E-08	4.87E-08	2.04E-07	1.72E-09	1.37E-11	9.35E-07	8.13E-09	2.54E-09	4.97E-17	1.32E-09	3.49E-12	2.44E-12	3.86E-11	2.40E-11	1.44E-10	2.28E-12	5.20E-11	7.10E-09	6.57E-10	8.46E-09
2573	NG_1269	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.107	2.47E-08	4.76E-08	2.01E-07	1.65E-09	1.34E-11	8.96E-07	7.93E-09	2.48E-09	4.84E-17	1.29E-09	3.40E-12	2.38E-12	3.76E-11	2.34E-11	1.40E-10	2.22E-12	5.07E-11	6.92E-09	6.41E-10	8.25E-09
2574	NG_1270	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.107	2.43E-08	4.70E-08	2.00E-07	1.61E-09	1.32E-11	8.67E-07	7.81E-09	2.44E-09	4.77E-17	1.27E-09	3.35E-12	2.34E-12	3.71E-11	2.31E-11	1.38E-10	2.19E-12	4.99E-11	6.81E-09	6.30E-10	8.12E-09
2575	NG_1271	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.107	2.41E-08	4.67E-08	2.00E-07	1.58E-09	1.31E-11	8.45E-07	7.73E-09	2.41E-09	4.72E-17	1.25E-09	3.32E-12	2.32E-12	3.67E-11	2.28E-11	1.37E-10	2.17E-12	4.94E-11	6.75E-09	6.25E-10	8.04E-09
2576	NG_1272	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.157	1.51E-08	2.74E-08	9.50E-08	2.16E-09	8.21E-12	1.15E-06	4.85E-09	1.51E-09	2.96E-17	7.87E-10	2.09E-12	1.47E-12	2.30E-11	1.43E-11	8.59E-11	1.36E-12	3.10E-11	4.23E-09	3.92E-10	5.05E-09
2577	NG_1273	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.157	1.62E-08	2.93E-08	1.01E-07	2.28E-09	8.80E-12	1.21E-06	5.20E-09	1.62E-09	3.18E-17	8.43E-10	2.24E-12	1.58E-12	2.47E-11	1.54E-11	9.21E-11	1.46E-12	3.32E-11	4.54E-09	4.20E-10	5.41E-09
2578	NG_1274	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.157	1.75E-08	3.15E-08	1.09E-07	2.40E-09	9.50E-12	1.27E-06	5.62E-09	1.75E-09	3.43E-17	9.11E-10	2.42E-12	1.70E-12	2.67E-11	1.66E-11	9.94E-11	1.57E-12	3.59E-11	4.90E-09	4.54E-10	5.84E-09
2579	NG_1275	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.157	1.91E-08	3.43E-08	1.19E-07	2.53E-09	1.04E-11	1.34E-06	6.12E-09	1.91E-09	3.74E-17	9.93E-10	2.64E-12	1.86E-12	2.91E-11	1.81E-11	1.08E-10	1.72E-12	3.91E-11	5.35E-09	4.95E-10	6.37E-09
2580	NG_1276	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.157	2.11E-08	3.77E-08	1.31E-07	2.68E-09	1.14E-11	1.42E-06	6.76E-09	2.11E-09	4.13E-17	1.10E-09	2.91E-12	2.05E-12	3.21E-11	2.00E-11	1.20E-10	1.89E-12	4.32E-11	5.90E-09	5.46E-10	7.03E-09
2581	NG_1277	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.157	2.35E-08	4.21E-08	1.46E-07	2.85E-09	1.28E-11	1.51E-06	7.55E-09	2.36E-09	4.61E-17	1.22E-09	3.25E-12	2.30E-12	3.59E-11	2.23E-11	1.34E-10	2.12E-12	4.83E-11	6.59E-09	6.10E-10	7.86E-09
2582	NG_1278	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.157	2.67E-08	4.78E-08	1.68E-07	3.07E-09	1.45E-11	1.63E-06	8.58E-09	2.68E-09	5.24E-17	1.39E-09	3.70E-12	2.61E-12	4.07E-11	2.54E-11	1.52E-10	2.41E-12	5.48E-11	7.49E-09	6.93E-10	8.93E-09
2583	NG_1279	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.157	3.10E-08	5.56E-08	1.98E-07	3.38E-09	1.69E-11	1.81E-06	9.96E-09	3.11E-09	6.08E-17	1.61E-09	4.29E-12	3.03E-12	4.73E-11	2.95E-11	1.76E-10	2.79E-12	6.36E-11	8.69E-09	8.04E-10	1.04E-08
2584	NG_1280	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.157	3.64E-08	6.55E-08	2.37E-07	3.76E-09	1.98E-11	2.02E-06	1.17E-08	3.64E-09	7.13E-17	1.89E-09	5.03E-12	3.55E-12	5.54E-11	3.46E-11	2.07E-10	3.27E-12	7.46E-11	1.02E-08	9.43E-10	1.21E-08
2585	NG_1281	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.157	4.29E-08	7.76E-08	2.86E-07	4.22E-09	2.33E-11	2.27E-06	1.38E-08	4.29E-09	8.40E-17	2.23E-09	5.93E-12	4.19E-12	6.53E-11	4.07E-11	2.44E-10	3.86E-12	8.79E-11	1.20E-08	1.11E-09	1.43E-08
2586	NG_1282	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.157	5.06E-08	9.24E-08	3.47E-07	4.80E-09	2.75E-11	2.57E-06	1.63E-08	5.07E-09	9.93E-17	2.64E-09	7.01E-12	4.95E-12	7.72E-11	4.81E-11	2.88E-10	4.56E-12	1.04E-10	1.42E-08	1.31E-09	1.69E-08
2587	NG_1283	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.157	5.96E-08	1.09E-07	4.18E-07	5.52E-09	3.24E-11	2.94E-06	1.91E-08	5.97E-09	1.17E-16	3.10E-09	8.25E-12	5.83E-12	9.09E-11	5.66E-11	3.39E-10	5.37E-12	1.22E-10	1.67E-08	1.55E-09	1.99E-08
2588	NG_1284	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.157	6.84E-08	1.26E-07	4.87E-07	6.33E-09	3.72E-11	3.33E-06	2.20E-08	6.86E-09	1.34E-16	3.56E-09	9.47E-12	6.69E-12	1.04E-10	6.50E-11	3.89E-10	6.16E-12	1.40E-10	1.92E-08	1.77E-09	2.29E-08
2589	NG_1285	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.157	7.60E-08	1.40E-07	5.43E-07	7.15E-09	4.13E-11	3.72E-06	2.44E-08	7.61E-09	1.49E-16	3.96E-09	1.05E-11	7.42E-12	1.16E-10	7.22E-11	4.32E-10	6.84E-12	1.56E-10	2.13E-08	1.97E-09	2.54E-08
2590	NG_1286	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.157	8.09E-08	1.49E-07	5.75E-07	7.88E-09	4.40E-11	4.04E-06	2.60E-08	8.11E-09	1.59E-16	4.21E-09	1.12E-11	7.89E-12	1.23E-10	7.69E-11	4.60E-10	7.28E-12	1.66E-10	2.27E-08	2.10E-09	2.70E-08
2591	NG_1287	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.157	8.23E-08	1.51E-07	5.78E-07	8.41E-09	4.47E-11	4.19E-06	2.64E-08	8.25E-09	1.61E-16	4.29E-09	1.14E-11	8.01E-12	1.25E-10	7.82E-11	4.68E-10	7.41E-12	1.69E-10	2.31E-08	2.13E-09	2.75E-08
2596	NG_1292	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.157	6.11E-08	1.10E-07	4.01E-07	7.24E-09	3.32E-11	2.99E-06	1.96E-08	6.13E-09	1.20E-16	3.18E-09	8.43E-12	5.92E-12	9.32E-11	5.80E-11	3.48E-10	5.50E-12	1.26E-10	1.71E-08	1.59E-09	2.04E-08
2597	NG_1293	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.157	5.61E-08	1.01E-07	3.68E-07	6.46E-09	3.05E-11	2.67E-06	1.80E-08	5.62E-09	1.10E-16	2.92E-09	7.74E-12	5.43E-12	8.55E-11	5.32E-11	3.19E-10	5.05E-12	1.15E-10	1.57E-08	1.46E-09	1.87E-08
2598	NG_1294	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.157	5.20E-08	9.39E-08	3.44E-07	5.71E-09	2.82E-11	2.42E-06	1.67E-08	5.21E-09	1.02E-16	2.71E-09	7.17E-12	5.03E-12	7.92E-11	4.93E-11	2.95E-10	4.68E-12	1.07E-10	1.46E-08	1.35E-09	1.74E-08
2599	NG_1295	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.157	4.89E-08	8.90E-08	3.29E-07	5.07E-09	2.66E-11	2.24E-06	1.57E-08	4.91E-09	9.60E-17	2.55E-09	6.75E-12	4.74E-12	7.46E-11	4.65E-11	2.78E-10	4.40E-12	1.00E-10	1.37E-08	1.27E-09	1.64E-08
2600	NG_1296	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.157	4.68E-08	8.57E-08	3.21E-07	4.56E-09	2.54E-11	2.11E-06	1.50E-08	4.69E-09	9.18E-17	2.44E-09	6.46E-12	4.54E-12	7.14E-11	4.44E-11	2.66E-10	4.21E-12	9.61E-11	1.31E-08	1.21E-09	1.56E-08
2602	NG_1298	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.157	4.44E-08	8.26E-08	3.18E-07	3.92E-09	2.41E-11	1.99E-06	1.42E-08	4.45E-09	8.70E-17	2.31E-09	6.12E-12	4.30E-12	6.76E-11	4.21E-11	2.52E-10	3.99E-12	9.10E-11	1.24E-08	1.15E-09	1.48E-08
2603	NG_1299	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.157	4.36E-08	8.18E-08	3.21E-07	3.70E-09	2.37E-11	1.94E-06	1.40E-08	4.37E-09	8.55E-17	2.27E-09	6.01E-12	4.22E-12	6.65E-11	4.14E-11	2.48E-10	3.92E-12	8.95E-11	1.22E-08	1.13E-09	1.46E-08
2604	NG_1300	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.157	4.25E-08	8.02E-08	3.19E-07	3.46E-09	2.31E-11	1.85E-06	1.36E-08	4.26E-09	8.33E-17	2.21E-09	5.86E-12	4.11E-12	6.48E-11	4.03E-11	2.41E-10	3.82E-12	8.72E-11	1.19E-08	1.10E-09	1.42E-08
2605	NG_1301	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.157	4.09E-08	7.77E-08	3.13E-07	3.21E-09	2.22E-11	1.74E-06	1.31E-08	4.10E-09	8.03E-17	2.13E-09	5.64E-12	3.96E-12	6.24E-11	3.89E-11	2.33E-10	3.68E-12	8.40E-11	1.15E-08	1.06E-09	1.37E-08
2606	NG_1302	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.157	3.91E-08	7.45E-08	3.03E-07	2.96E-09	2.12E-11	1.62E-06	1.25E-08	3.92E-09	7.66E-17	2.03E-09	5.39E-12	3.77E-12	5.96E-11	3.71E-11	2.22E-10	3.52E-12	8.02E-11	1.10E-08	1.01E-09	1.31E-08
2607	NG_1303	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.157	3.67E-08	7.02E-08	2.88E-07	2.69E-09	1.99E-11	1.47E-06	1.18E-08	3.68E-09	7.20E-17	1.91E-09	5.06E-12	3.54E-12	5.60E-11	3.48E-11	2.09E-10	3.30E-12	7.54E-11	1.03E-08	9.52E-10	1.23E-08
2608	NG_1304	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.157	3.44E-08	6.58E-08	2.71E-07	2.45E-09	1.87E-11	1.33E-06	1.10E-08	3.45E-09	6.74E-17	1.79E-09	4.74E-12	3.32E-12	5.24E-11	3.26E-11	1.96E-10	3.09E-12	7.06E-11	9.64E-09	8.92E-10	1.15E-08
2609	NG_1305	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.157	3.23E-08	6.20E-08	2.57E-07	2.25E-09	1.75E-11	1.22E-06	1.04E-08	3.24E-09	6.34E-17	1.68E-09	4.45E-12	3.12E-12	4.93E-11	3.07E-11	1.84E-10	2.91E-12	6.64E-11	9.07E-09	8.39E-10	1.08E-08
2610	NG_1306	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.157	3.06E-08	5.88E-08	2.45E-07	2.08E-09	1.66E-11	1.12E-06	9.84E-09	3.07E-09	6.01E-17	1.60E-09	4.22E-12	2.95E-12	4.67E-11	2.91E-11	1.74E-10	2.76E-12	6.29E-11	8.59E-09	7.95E-10	1.02E-08
2611	NG_1307	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.157	2.90E-08	5.57E-08	2.33E-07	1.93E-09	1.58E-11	1.04E-06	9.32E-09	2.91E-09	5.69E-17	1.51E-09	4.00E-12	2.80E-12	4.43E-11	2.75E-11	1.65E-10	2.61E-12	5.96E-11	8.14E-09	7.53E-10	9.70E-09
2612	NG_1308	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.157	2.75E-08	5.29E-08	2.22E-07	1.80E-09	1.49E-11	9.63E-07	8.84E-09	2.76E-09	5.40E-17	1.43E-09	3.79E-12	2.65E-12	4.20E-11	2.61E-11	1.56E-10	2.48E-12	5.65E-11	7.72E-09	7.14E-10	9.19E-09
2613	NG_1309	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.157	2.63E-08	5.05E-08	2.13E-07	1.69E-09	1.43E-11	9.02E-07	8.44E-09	2.63E-09	5.15E-17	1.37E-09	3.62E-12	2.53E-12	4.01E-11	2.49E-11	1.49E-10	2.36E-12	5.40E-11	7.37E-09	6.82E-10	8.78E-09
2614	NG_1310	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.157	2.54E-08	4.89E-08	2.07E-07	1.62E-09	1.38E-11	8.59E-07	8.16E-09	2.55E-09	4.98E-17	1.32E-09	3.50E-12	2.45E-12	3.87E-11	2.41E-11	1.44E-10	2.29E-12	5.22E-11	7.12E-09	6.59E-10	8.49E-09
2615	NG_1311	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.157	2.48E-08	4.78E-08	2.04E-07	1.56E-09	1.34E-11	8.28E-07	7.96E-09	2.48E-09	4.86E-17	1.29E-09	3.41E-12	2.39E-12	3.78E-11	2.35E-11	1.41E-10	2.23E-12	5.09E-11	6.94E-09	6.43E-10	8.28E-09
2616	NG_1312	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.157	2.42E-08	4.69E-08	2.01E-07	1.52E-09	1.32E-11	8.00E-07	7.79E-09	2.43E-09	4.75E-17	1.26E-09	3.34E-12	2.34E-12	3.70E-11	2.30E-11	1.38E-10	2.18E-12	4.98E-11	6.80E-09	6.29E-10	8.10E-09
2617	NG_1313	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.207	1.57E-08	2.83E-08	9.83E-08	2.03E-09	8.53E-12	1.08E-06	5.04E-09	1.57E-09	3.08E-17	8.17E-10	2.17E-12	1.53E-12	2.39E-11	1.49E-11	8.92E-11	1.41E-12	3.22E-11	4.40E-09	4.07E-10	5.24E-09
2618	NG_1314	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.207	1.69E-08	3.03E-08	1.05E-07	2.14E-09	9.16E-12	1.14E-06	5.41E-09	1.69E-09	3.30E-17	8.77E-10	2.33E-12	1.64E-12	2.57E-11	1.60E-11	9.58E-11	1.52E-12	3.46E-11	4.72E-09	4.37E-10	5.63E-09
2619	NG_1315	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.207	1.83E-08	3.27E-08	1.14E-07	2.25E-09	9.91E-12	1.19E-06	5.86E-09	1.83E-09	3.58E-17	9.50E-10	2.52E-12	1.78E-12	2.78E-11	1.73E-11	1.04E-10	1.64E-12	3.74E-11	5.11E-09	4.73E-10	6.09E-09
2620	NG_1316	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.207	2.00E-08	3.57E-08	1.25E-07	2.39E-09	1.09E-11	1.26E-06	6.42E-09	2.00E-09	3.92E-17	1.04E-09	2.77E-12	1.95E-12	3.05E-11	1.90E-11	1.14E-10	1.80E-12	4.10E-11	5.61E-09	5.19E-10	6.68E-09
2621	NG_1317	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.207	2.22E-08	3.95E-08	1.38E-07	2.54E-09	1.20E-11	1.33E-06	7.11E-09	2.22E-09	4.34E-17	1.15E-09	3.06E-12	2.16E-12	3.38E-11	2.10E-11	1.26E-10	1.99E-12	4.54E-11	6.20E-09	5.74E-10	7.39E-09
2622	NG_1318	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.207	2.49E-08	4.44E-08	1.56E-07	2.73E-09	1.35E-11	1.43E-06	7.99E-09	2.49E-09	4.88E-17	1.30E-09	3.44E-12	2.43E-12	3.79E-11	2.36E-11	1.41E-10	2.24E-12	5.11E-11	6.97E-09	6.45E-10	8.31E-09
2623	NG_1319	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.207	2.84E-08	5.06E-08	1.80E-07	2.97E-09	1.54E-11	1.55E-06	9.11E-09	2.84E-09	5.56E-17	1.48E-09	3.92E-12	2.77E-12	4.32E-11	2.69E-11	1.61E-10	2.55E-12	5.82E-11	7.95E-09	7.35E-10	9.47E-09
2624	NG_1320	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.207	3.30E-08	5.91E-08	2.14E-07	3.30E-09	1.79E-11	1.73E-06	1.06E-08	3.30E-09	6.46E-17	1.72E-09	4.56E-12	3.22E-12	5.03E-11	3.13E-11	1.87E-10	2.97E-12	6.76E-11	9.24E-09	8.55E-10	1.10E-08
2625	NG_1321	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.207	3.86E-08	6.96E-08	2.56E-07	3.70E-09	2.10E-11	1.93E-06	1.24E-08	3.87E-09	7.57E-17	2.01E-09	5.34E-12	3.78E-12	5.89E-11	3.67E-11	2.20E-10	3.48E-12	7.92E-11	1.08E-08	1.00E-09	1.29E-08
2626	NG_1322	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.207	4.56E-08	8.28E-08	3.10E-07	4.21E-09	2.48E-11	2.18E-06	1.47E-08	4.57E-09	8.94E-17	2.38E-09	6.31E-12	4.46E-12	6.96E-11	4.33E-11	2.59E-10	4.11E-12	9.36E-11	1.28E-08	1.18E-09	1.52E-08
2627	NG_1323	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.207	5.35E-08	9.77E-08	3.72E-07	4.79E-09	2.91E-11	2.46E-06	1.72E-08	5.36E-09	1.05E-16	2.79E-09	7.40E-12	5.23E-12	8.16E-11	5.08E-11	3.04E-10	4.82E-12	1.10E-10	1.50E-08	1.39E-09	1.79E-08

AQIA DATA - SCENARIO 1 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2628	NG_1324	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.207	6.24E-08	1.15E-07	4.43E-07	5.47E-09	3.39E-11	2.80E-06	2.00E-08	6.25E-09	1.22E-16	3.25E-09	8.63E-12	6.09E-12	9.51E-11	5.93E-11	3.54E-10	5.61E-12	1.28E-10	1.75E-08	1.62E-09	2.08E-08
2629	NG_1325	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.207	7.06E-08	1.30E-07	5.07E-07	6.17E-09	3.83E-11	3.12E-06	2.27E-08	7.07E-09	1.38E-16	3.67E-09	9.76E-12	6.89E-12	1.08E-10	6.70E-11	4.01E-10	6.35E-12	1.45E-10	1.98E-08	1.83E-09	2.36E-08
2630	NG_1326	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.207	7.70E-08	1.42E-07	5.55E-07	6.83E-09	4.19E-11	3.43E-06	2.47E-08	7.72E-09	1.51E-16	4.01E-09	1.07E-11	7.51E-12	1.17E-10	7.32E-11	4.38E-10	6.94E-12	1.58E-10	2.16E-08	2.00E-09	2.57E-08
2631	NG_1327	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.207	8.06E-08	1.48E-07	5.76E-07	7.36E-09	4.38E-11	3.64E-06	2.59E-08	8.08E-09	1.58E-16	4.20E-09	1.11E-11	7.85E-12	1.23E-10	7.66E-11	4.58E-10	7.26E-12	1.65E-10	2.26E-08	2.09E-09	2.69E-08
2632	NG_1328	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.207	8.12E-08	1.49E-07	5.72E-07	7.69E-09	4.41E-11	3.71E-06	2.61E-08	8.14E-09	1.59E-16	4.23E-09	1.12E-11	7.89E-12	1.24E-10	7.71E-11	4.62E-10	7.31E-12	1.67E-10	2.28E-08	2.11E-09	2.71E-08
2637	NG_1333	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.207	6.18E-08	1.11E-07	4.08E-07	6.40E-09	3.35E-11	2.65E-06	1.98E-08	6.19E-09	1.21E-16	3.22E-09	8.52E-12	5.98E-12	9.42E-11	5.86E-11	3.51E-10	5.56E-12	1.27E-10	1.73E-08	1.60E-09	2.06E-08
2638	NG_1334	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.207	5.69E-08	1.02E-07	3.76E-07	5.74E-09	3.09E-11	2.37E-06	1.83E-08	5.71E-09	1.12E-16	2.96E-09	7.85E-12	5.51E-12	8.68E-11	5.40E-11	3.24E-10	5.12E-12	1.17E-10	1.60E-08	1.48E-09	1.90E-08
2639	NG_1335	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.207	5.31E-08	9.57E-08	3.54E-07	5.14E-09	2.88E-11	2.17E-06	1.71E-08	5.32E-09	1.04E-16	2.76E-09	7.32E-12	5.14E-12	8.10E-11	5.04E-11	3.02E-10	4.78E-12	1.09E-10	1.49E-08	1.38E-09	1.77E-08
2640	NG_1336	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.207	5.02E-08	9.09E-08	3.39E-07	4.61E-09	2.72E-11	2.02E-06	1.61E-08	5.03E-09	9.84E-17	2.61E-09	6.92E-12	4.86E-12	7.65E-11	4.76E-11	2.85E-10	4.52E-12	1.03E-10	1.41E-08	1.30E-09	1.68E-08
2641	NG_1337	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.207	4.82E-08	8.80E-08	3.32E-07	4.20E-09	2.62E-11	1.92E-06	1.55E-08	4.83E-09	9.45E-17	2.51E-09	6.65E-12	4.67E-12	7.35E-11	4.58E-11	2.74E-10	4.34E-12	9.90E-11	1.35E-08	1.25E-09	1.61E-08
2642	NG_1338	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.207	4.70E-08	8.65E-08	3.32E-07	3.90E-09	2.55E-11	1.87E-06	1.51E-08	4.71E-09	9.22E-17	2.45E-09	6.49E-12	4.56E-12	7.17E-11	4.46E-11	2.67E-10	4.23E-12	9.65E-11	1.32E-08	1.22E-09	1.57E-08
2643	NG_1339	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.207	4.62E-08	8.57E-08	3.34E-07	3.67E-09	2.51E-11	1.84E-06	1.48E-08	4.63E-09	9.05E-17	2.40E-09	6.37E-12	4.48E-12	7.04E-11	4.38E-11	2.63E-10	4.16E-12	9.48E-11	1.29E-08	1.20E-09	1.54E-08
2644	NG_1340	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.207	4.55E-08	8.52E-08	3.37E-07	3.50E-09	2.47E-11	1.81E-06	1.46E-08	4.56E-09	8.92E-17	2.37E-09	6.28E-12	4.41E-12	6.94E-11	4.32E-11	2.59E-10	4.10E-12	9.34E-11	1.28E-08	1.18E-09	1.52E-08
2645	NG_1341	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.207	4.45E-08	8.39E-08	3.37E-07	3.32E-09	2.41E-11	1.76E-06	1.43E-08	4.46E-09	8.72E-17	2.31E-09	6.13E-12	4.31E-12	6.78E-11	4.22E-11	2.53E-10	4.00E-12	9.13E-11	1.25E-08	1.15E-09	1.49E-08
2646	NG_1342	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.207	4.29E-08	8.14E-08	3.31E-07	3.11E-09	2.33E-11	1.67E-06	1.38E-08	4.30E-09	8.41E-17	2.23E-09	5.91E-12	4.15E-12	6.54E-11	4.07E-11	2.44E-10	3.86E-12	8.80E-11	1.20E-08	1.11E-09	1.43E-08
2647	NG_1343	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.207	4.07E-08	7.76E-08	3.18E-07	2.88E-09	2.21E-11	1.55E-06	1.31E-08	4.08E-09	7.98E-17	2.12E-09	5.61E-12	3.94E-12	6.21E-11	3.86E-11	2.32E-10	3.66E-12	8.36E-11	1.14E-08	1.06E-09	1.36E-08
2648	NG_1344	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.207	3.83E-08	7.32E-08	3.02E-07	2.65E-09	2.08E-11	1.42E-06	1.23E-08	3.84E-09	7.52E-17	2.00E-09	5.28E-12	3.70E-12	5.84E-11	3.64E-11	2.18E-10	3.45E-12	7.87E-11	1.07E-08	9.94E-10	1.28E-08
2649	NG_1345	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.207	3.61E-08	6.91E-08	2.87E-07	2.44E-09	1.96E-11	1.30E-06	1.16E-08	3.62E-09	7.08E-17	1.88E-09	4.98E-12	3.49E-12	5.51E-11	3.43E-11	2.05E-10	3.25E-12	7.42E-11	1.01E-08	9.37E-10	1.21E-08
2650	NG_1346	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.207	3.40E-08	6.52E-08	2.72E-07	2.26E-09	1.85E-11	1.20E-06	1.09E-08	3.41E-09	6.67E-17	1.77E-09	4.69E-12	3.28E-12	5.19E-11	3.23E-11	1.93E-10	3.06E-12	6.98E-11	9.54E-09	8.82E-10	1.14E-08
2651	NG_1347	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.207	3.21E-08	6.16E-08	2.58E-07	2.09E-09	1.74E-11	1.11E-06	1.03E-08	3.22E-09	6.30E-17	1.67E-09	4.42E-12	3.10E-12	4.90E-11	3.05E-11	1.83E-10	2.89E-12	6.60E-11	9.01E-09	8.33E-10	1.07E-08
2652	NG_1348	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.207	3.01E-08	5.77E-08	2.42E-07	1.93E-09	1.63E-11	1.02E-06	9.66E-09	3.02E-09	5.90E-17	1.57E-09	4.14E-12	2.90E-12	4.59E-11	2.85E-11	1.71E-10	2.71E-12	6.18E-11	8.43E-09	7.81E-10	1.01E-08
2653	NG_1349	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.207	2.84E-08	5.45E-08	2.29E-07	1.79E-09	1.54E-11	9.41E-07	9.12E-09	2.85E-09	5.57E-17	1.48E-09	3.91E-12	2.74E-12	4.33E-11	2.69E-11	1.61E-10	2.55E-12	5.83E-11	7.96E-09	7.37E-10	9.49E-09
2654	NG_1350	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.207	2.70E-08	5.18E-08	2.19E-07	1.68E-09	1.46E-11	8.79E-07	8.66E-09	2.70E-09	5.29E-17	1.40E-09	3.71E-12	2.60E-12	4.11E-11	2.56E-11	1.53E-10	2.43E-12	5.54E-11	7.56E-09	6.99E-10	9.01E-09
2655	NG_1351	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.207	2.59E-08	4.98E-08	2.11E-07	1.60E-09	1.40E-11	8.32E-07	8.31E-09	2.59E-09	5.07E-17	1.35E-09	3.56E-12	2.49E-12	3.94E-11	2.45E-11	1.47E-10	2.33E-12	5.31E-11	7.25E-09	6.71E-10	8.64E-09
2656	NG_1352	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.207	2.50E-08	4.81E-08	2.05E-07	1.53E-09	1.35E-11	7.93E-07	8.01E-09	2.50E-09	4.89E-17	1.30E-09	3.44E-12	2.40E-12	3.80E-11	2.37E-11	1.42E-10	2.24E-12	5.12E-11	6.99E-09	6.47E-10	8.33E-09
2657	NG_1353	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.207	2.42E-08	4.67E-08	2.00E-07	1.47E-09	1.31E-11	7.61E-07	7.77E-09	2.42E-09	4.74E-17	1.26E-09	3.33E-12	2.33E-12	3.69E-11	2.29E-11	1.38E-10	2.18E-12	4.97E-11	6.78E-09	6.28E-10	8.08E-09
2658	NG_1354	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.257	1.64E-08	2.94E-08	1.03E-07	1.92E-09	8.92E-12	1.03E-06	5.27E-09	1.65E-09	3.22E-17	8.55E-10	2.27E-12	1.60E-12	2.50E-11	1.56E-11	9.34E-11	1.48E-12	3.37E-11	4.60E-09	4.26E-10	5.49E-09
2659	NG_1355	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.257	1.77E-08	3.15E-08	1.11E-07	2.02E-09	9.59E-12	1.07E-06	5.67E-09	1.77E-09	3.46E-17	9.19E-10	2.44E-12	1.72E-12	2.69E-11	1.68E-11	1.00E-10	1.59E-12	3.62E-11	4.95E-09	4.58E-10	5.90E-09
2660	NG_1356	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.257	1.92E-08	3.42E-08	1.20E-07	2.13E-09	1.04E-11	1.12E-06	6.16E-09	1.92E-09	3.76E-17	9.98E-10	2.65E-12	1.87E-12	2.92E-11	1.82E-11	1.09E-10	1.73E-12	3.93E-11	5.37E-09	4.97E-10	6.40E-09
2661	NG_1357	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.257	2.11E-08	3.75E-08	1.32E-07	2.27E-09	1.14E-11	1.19E-06	6.76E-09	2.11E-09	4.13E-17	1.10E-09	2.91E-12	2.05E-12	3.21E-11	2.00E-11	1.20E-10	1.90E-12	4.32E-11	5.90E-09	5.46E-10	7.03E-09
2662	NG_1358	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.257	2.34E-08	4.16E-08	1.48E-07	2.43E-09	1.27E-11	1.26E-06	7.51E-09	2.34E-09	4.58E-17	1.22E-09	3.23E-12	2.28E-12	3.56E-11	2.22E-11	1.33E-10	2.10E-12	4.80E-11	6.55E-09	6.06E-10	7.81E-09
2663	NG_1359	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.257	2.63E-08	4.68E-08	1.67E-07	2.63E-09	1.43E-11	1.35E-06	8.44E-09	2.63E-09	5.16E-17	1.37E-09	3.64E-12	2.57E-12	4.01E-11	2.50E-11	1.49E-10	2.37E-12	5.40E-11	7.37E-09	6.82E-10	8.78E-09
2664	NG_1360	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.257	3.01E-08	5.37E-08	1.94E-07	2.90E-09	1.63E-11	1.48E-06	9.66E-09	3.01E-09	5.90E-17	1.57E-09	4.16E-12	2.94E-12	4.59E-11	2.86E-11	1.71E-10	2.71E-12	6.17E-11	8.43E-09	7.80E-10	1.00E-08
2665	NG_1361	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.257	3.50E-08	6.27E-08	2.30E-07	3.25E-09	1.90E-11	1.66E-06	1.12E-08	3.50E-09	6.85E-17	1.82E-09	4.83E-12	3.41E-12	5.33E-11	3.32E-11	1.99E-10	3.15E-12	7.17E-11	9.79E-09	9.06E-10	1.17E-08
2666	NG_1362	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.257	4.08E-08	7.37E-08	2.75E-07	3.68E-09	2.22E-11	1.86E-06	1.31E-08	4.09E-09	8.00E-17	2.13E-09	5.65E-12	3.99E-12	6.22E-11	3.88E-11	2.32E-10	3.68E-12	8.38E-11	1.14E-08	1.06E-09	1.36E-08
2667	NG_1363	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.257	4.77E-08	8.66E-08	3.28E-07	4.17E-09	2.59E-11	2.08E-06	1.53E-08	4.77E-09	9.34E-17	2.48E-09	6.59E-12	4.66E-12	7.27E-11	4.53E-11	2.71E-10	4.29E-12	9.78E-11	1.34E-08	1.24E-09	1.59E-08
2668	NG_1364	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.257	5.56E-08	1.02E-07	3.92E-07	4.76E-09	3.02E-11	2.35E-06	1.79E-08	5.57E-09	1.09E-16	2.90E-09	7.70E-12	5.44E-12	8.48E-11	5.28E-11	3.16E-10	5.01E-12	1.14E-10	1.56E-08	1.44E-09	1.86E-08
2669	NG_1365	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.257	6.42E-08	1.18E-07	4.61E-07	5.41E-09	3.49E-11	2.66E-06	2.06E-08	6.43E-09	1.26E-16	3.34E-09	8.88E-12	6.27E-12	9.79E-11	6.10E-11	3.65E-10	5.78E-12	1.32E-10	1.80E-08	1.67E-09	2.14E-08
2670	NG_1366	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.257	7.22E-08	1.33E-07	5.25E-07	6.07E-09	3.92E-11	2.97E-06	2.32E-08	7.24E-09	1.42E-16	3.76E-09	9.99E-12	7.04E-12	1.10E-10	6.86E-11	4.10E-10	6.50E-12	1.48E-10	2.02E-08	1.87E-09	2.41E-08
2671	NG_1367	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.257	7.77E-08	1.44E-07	5.64E-07	6.62E-09	4.22E-11	3.21E-06	2.50E-08	7.79E-09	1.52E-16	4.05E-09	1.07E-11	7.57E-12	1.18E-10	7.38E-11	4.42E-10	7.00E-12	1.59E-10	2.18E-08	2.02E-09	2.60E-08
2672	NG_1368	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.257	8.00E-08	1.47E-07	5.74E-07	7.00E-09	4.35E-11	3.33E-06	2.57E-08	8.02E-09	1.57E-16	4.17E-09	1.11E-11	7.78E-12	1.22E-10	7.60E-11	4.55E-10	7.20E-12	1.64E-10	2.24E-08	2.08E-09	2.67E-08
2673	NG_1369	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.257	7.97E-08	1.46E-07	5.62E-07	7.20E-09	4.33E-11	3.35E-06	2.56E-08	7.99E-09	1.56E-16	4.15E-09	1.10E-11	7.74E-12	1.22E-10	7.57E-11	4.53E-10	7.17E-12	1.64E-10	2.23E-08	2.07E-09	2.66E-08
2678	NG_1374	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.257	6.12E-08	1.10E-07	4.05E-07	5.77E-09	3.32E-11	2.34E-06	1.97E-08	6.14E-09	1.20E-16	3.19E-09	8.45E-12	5.93E-12	9.34E-11	5.81E-11	3.48E-10	5.51E-12	1.26E-10	1.72E-08	1.59E-09	2.05E-08
2679	NG_1375	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.257	5.70E-08	1.02E-07	3.78E-07	5.22E-09	3.10E-11	2.12E-06	1.83E-08	5.72E-09	1.12E-16	2.97E-09	7.87E-12	5.52E-12	8.70E-11	5.41E-11	3.24E-10	5.13E-12	1.17E-10	1.60E-08	1.48E-09	1.91E-08
2680	NG_1376	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.257	5.35E-08	9.61E-08	3.58E-07	4.71E-09	2.90E-11	1.95E-06	1.72E-08	5.36E-09	1.05E-16	2.79E-09	7.38E-12	5.18E-12	8.16E-11	5.08E-11	3.04E-10	4.82E-12	1.10E-10	1.50E-08	1.39E-09	1.79E-08
2681	NG_1377	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.257	5.09E-08	9.18E-08	3.45E-07	4.27E-09	2.76E-11	1.83E-06	1.63E-08	5.10E-09	9.97E-17	2.65E-09	7.01E-12	4.92E-12	7.75E-11	4.83E-11	2.89E-10	4.58E-12	1.04E-10	1.43E-08	1.32E-09	1.70E-08
2682	NG_1378	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.257	4.91E-08	8.94E-08	3.40E-07	3.92E-09	2.67E-11	1.76E-06	1.58E-08	4.92E-09	9.63E-17	2.56E-09	6.78E-12	4.76E-12	7.49E-11	4.66E-11	2.79E-10	4.42E-12	1.01E-10	1.38E-08	1.27E-09	1.64E-08
2683	NG_1379	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.257	4.79E-08	8.79E-08	3.39E-07	3.66E-09	2.60E-11	1.72E-06	1.54E-08	4.80E-09	9.39E-17	2.49E-09	6.61E-12	4.64E-12	7.30E-11	4.55E-11	2.72E-10	4.31E-12	9.83E-11	1.34E-08	1.24E-09	1.60E-08
2684	NG_1380	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.257	4.70E-08	8.70E-08	3.41E-07	3.47E-09	2.55E-11	1.70E-06	1.51E-08	4.71E-09	9.21E-17	2.45E-09	6.49E-12	4.56E-12	7.16E-11	4.46E-11	2.67E-10	4.23E-12	9.64E-11	1.32E-08	1.22E-09	1.57E-08
2685	NG_1381	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.257	4.63E-08	8.65E-08	3.44E-07	3.33E-09	2.51E-11	1.69E-06	1.49E-08	4.64E-09	9.07E-17	2.41E-09	6.39E-12	4.49E-12	7.05E-11	4.39E-11	2.63E-10	4.16E-12	9.50E-11	1.30E-08	1.20E-09	1.55E-08
2686	NG_1382	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.257	4.55E-08	8.58E-08	3.47E-07	3.20E-09	2.47E-11	1.66E-06	1.46E-08	4.56E-09	8.92E-17	2.37E-09	6.28E-12	4.41E-12	6.94E-11	4.32E-11	2.59E-10	4.09E-12	9.34E-11	1.28E-08	1.18E-09	1.52E-08
2687	NG_1383	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.257	4.40E-08	8.35E-08	3.41E-07	3.03E-09	2.39E-11	1.60E-06	1.41E-08	4.41E-09	8.63E-17	2.29E-09	6.07E-12	4.26E-12	6.71E-11	4.18E-11	2.50E-10	3.96E-12	9.03E-11	1.23E-08	1.14E-09	1.47E-08
2688	NG_1384	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.257	4.17E-08	7.93E-08	3.27E-07	2.81E-09	2.26E-11	1.48E-06	1.34E-08	4.18E-09	8.17E-17	2.17E-09	5.75E-12	4.03E-12	6.36E-11	3.96E-11	2.37E-10	3.75E-12	8.56E-11	1.17E-08	1.08E-09	1.39E-08
2689	NG_1385	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.257	3.94E-08	7.51E-08	3.11E-07	2.61E-09	2.14E-11	1.37E-06	1.26E-08	3.94E-09	7.72E-17	2.05E-09	5.43E-12	3.80E-12	6.00E-11	3.73E-11	2.24E-10	3.54E-12	8.08E-11	1.10E-08	1.02E-09	1.31E-08
2690	NG_1386	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.257	3.71E-08	7.09E-08	2.95E-07	2.42E-09	2.01E-11	1.27E-06	1.19E-08	3.72E-09	7.27E-17	1.93E-09	5.11E-12	3.58E-12	5.66E-11	3.52E-11	2.11E-10	3.34E-12	7.62E-11	1.04E-08	9.62E-10	1.24E-08
2691	NG_1387	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.257	3.51E-08	6.73E-08	2.81E-07	2.26E-09	1.91E-11	1.18E-06	1.13E-08	3.52E-09	6.89E-17	1.83E-09	4.84E-12	3.39E-12	5.35E-11	3.33E-11	2.00E-10	3.16E-12	7.21E-11	9.85E-09	9.11E-10	1.17E-08
2692	NG_1388	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.257	3.30E-08	6.33E-08	2.65E-07	2.10E-09	1.79E-11	1.09E-06	1.06E-08	3.31E-09	6.47E-17	1.72E-09	4.54E-12	3.18E-12	5.03E-11	3.13E-11	1.88E-10	2.97E-12	6.77E-11	9.25E-09	8.56E-10	1.10E-08
2693	NG_1389	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.257	3.08E-08	5.92E-08	2.49E-07	1.94E-09	1.67E-11	1.00E-06	9.91E-09	3.09E-09	6.05E-17	1.61E-09	4.25E-12	2.97E-12	4.70E-11	2.93E-11	1.75E-10	2.77E-12	6.33E-11	8.65E-09	8.00E-10	1.03E-08
2694	NG_1390	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.257	2.88E-08	5.52E-08	2.33E-07	1.79E-09	1.56E-11	9.15E-07	9.25E-09	2.89E-09	5.65E-17	1.50E-09	3.97E-12	2.78E-12	4.39E-11	2.73E-11	1.64E-10	2.59E-12	5.91E-11	8.07E-09	7.47E-10	9.62E-09
2695	NG_1391	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.257	2.73E-08	5.24E-08	2.21E-07	1.67E-09	1.48E-11	8.56E-07	8.76E-09	2.73E-09	5.35E-17	1.42E-09	3.76E-12	2.63E-12	4.16E-11	2.59E-11	1.55E-10	2.45E-12	5.60E-11	7.65E-09	7.08E-10	9.11E-09
2696	NG_1392	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.257	2.61E-08	5.03E-08	2.13E-07	1.59E-09	1.42E-11	8.13E-07	8.40E-09	2.62E-09	5.13E-17	1.36E-09	3.60E-12	2.52E-12	3.99E-11	2.48E-11	1.49E-10	2.35E-12	5.37E-11	7.33E-09	6.78E-10	8.73E-09
2697	NG_1393	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.257	2.50E-08	4.82E-08	2.05E-07	1.51E-09	1.36E-11	7.69E-07	8.04E-09	2.51E-09	4.91E-17	1.30E-09	3.45E-12	2.41E-12	3.82E-11	2.37E-11	1.42E-10	2.25E-12	5.14E-11	7.02E-09	6.49E-10	8.36E-09
2698	NG_1394	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.257	2.40E-08	4.62E-08	1.98E-07	1.43E-09	1.30E-11	7.29E-07	7.71E-09	2.41E-09	4.71E-17	1.25E-09	3.31E-12	2.31E-12	3.66E-11	2.28E-11	1.36E-10	2.16E-12	4.93E-11	6.73E-09	6.23E-10	8.02E-09
2699	NG_1395	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.307	1.73E-08	3.08E-08	1.09E-07	1.82E-09	9.39E-12	9.69E-07	5.55E-09	1.73E-09	3.39E-17	9.00E-10	2.39E-12	1.68E-12	2.64E-11	1.64E-11	9.83E-11	1.56E-12	3.55E-11	4.85E-09	4.48E-10	5.77E-09
2700	NG_1396	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.307	1.87E-08	3.31E-08	1.18E-07	1.92E-09	1.01E-11	1.01E-06	5.98E-09	1.87E-09	3.65E-17	9.70E-10	2.58E-12	1.82E-12	2.84E-11	1.77E-11	1.06E-10	1.68E-12	3.82E-11	5.22E-09	4.83E-10	6.22E-09
2701	NG_1397	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.307	2.03E-08	3.61E-08	1.29E-07	2.03E-09	1.10E-11	1.06E-06	6.52E-09	2.03E-09	3.98E-17	1.06E-09	2.81E-12	1.98E-12	3.09E-11	1.93E-11	1.15E-10	1.83E-12	4.16E-11	5.69E-09	5.26E-10	6.78E-09
2702	NG_1398	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.307	2.23E-08	3.97E-08	1.42E-07	2.18E-09	1.21E-11	1.13E-06	7.17E-09	2.24E-09	4.37E-17	1.16E-09	3.09E-12	2.18E-12	3.40E-11	2.12E-11	1.27E-10	2.01E-12	4.58E-11	6.25E-09	5.79E-10	7.45E-09
2703	NG_1399	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.307	2.48E-08	4.41E-08	1.59E-07	2.35E-09	1.35E-11	1.20E-06	7.96E-09	2.48E-09	4.86E-17	1.29E-09	3.43E-12	2.42E-12	3.78E-11	2.36E-11	1.41E-10	2.23E-12	5.09E-11	6.95E-09	6.43E-10	8.28E-09
2704	NG_1400	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.307	2.79E-08	4.96E-08	1.80E-07	2.56E-09	1.51E-11	1.29E-06	8.94E-09	2.79E-09	5.46E-17	1.45E-09	3.85E-12	2.72E-12	4.25E-11	2.65E-11	1.58E-10	2.51E-12	5.71E-11	7.80E-09	7.22E-10	9.30E-09
2705	NG_1401	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.307	3.19E-08	5.70E-08	2.10E-07	2.86E-09	1.73E-11	1.43E-06	1.02E-08	3.19E-09	6.24E-17	1.66E-09	4.41E-12	3.11E-12	4.86E-11	3.03E-11	1.81E-10	2.87E-12	6.53E-11	8.93E-09	8.26E-10	1.06E-08
2706	NG_1402	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.307	3.70E-08	6.66E-08	2.49E-07	3.24E-09	2.01E-11	1.61E-06	1.19E-08	3.70E-09	7.25E-17	1.93E-09	5.12E-12	3.61E-12	5.64E-11	3.51E-11	2.10E-10	3.33E-12	7.59E-11	1.04E-08	9.59E-10	1.23E-08
2707	NG_1403	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.307	4.28E-08	7.76E-08	2.94E-07	3.67E-09	2.33E-11	1.80E-06	1.38E-08	4.29E-09	8.40E-17	2.23E-09	5.93E-12	4.19E-12	6.53E-11	4.07E-11	2.44E-10	3.86E-12	8.79E-11	1.20E-08	1.11E-09	1.43E-08
2708	NG_1404	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.307	4.92E-08	8.95E-08	3.43E-07	4.12E-09	2.67E-11	1.99E-06	1.58E-08	4.93E-09	9.64E-17	2.56E-09	6.81E-12	4.81E-12	7.50E-11	4.67E-11	2.80E-10	4.43E-12	1.01E-10	1.38E-08	1.28E-09	1.64E-08
2709	NG_1405	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.307	5.66E-08	1.04E-07	4.02E-07	4.67E-09	3.08E-11	2.23E-06	1.82E-08	5.67E-09	1.11E-16	2.95E-09	7.83E-12	5.53E-12	8.63E-11	5.38E-11	3.22E-10	5.09E-12	1.16E-10	1.59E-08	1.47E-09	1.89E-08
2710	NG_1406	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.307	6.48E-08	1.19E-07	4.69E-07	5.30E-09	3.52E-11	2.52E-06	2.08E-08	6.50E-09	1.27E-16	3.38E-09	8.97E-12	6.33E-12	9.88E-11	6.16E-11	3.68E-10	5.84E-12	1.33E-10	1.82E-08	1.68E-09	2.17E-08
2711	NG_1407	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.307	7.21E-08	1.33E-07	5.28E-07	5.91E-09	3.92E-11	2.80E-06	2.32E-08	7.23E-09	1.41E-16	3.76E-09	9.97E-12	7.03E-12	1.10E-10	6.85E-11	4.10E-10	6.49E-12	1.48E-10	2.02E-08	1.87E-09	2.41E-08
2712	NG_1408	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.307	7.68E-08	1.42E-07	5.60E-07	6.38E-09	4.17E-11	2.98E-06	2.47E-08	7.69E-09	1.51E-16	4.00E-09	1.06E-11	7.47E-12	1.17E-10	7.29E-11	4.36E-10	6.91E-12	1.58E-10	2.15E-08	1.99E-09	2.56E-08
2713	NG_1409	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.307	7.82E-08	1.43E-07	5.61E-07	6.66E-09	4.25E-11	3.04E-06	2.51E-08	7.83E-09	1.53E-16	4.07E-09	1.08E-11	7.60E-12	1.19E-10	7.42E-11	4.44E-10	7.04E-12	1.60E-10	2.19E-08	2.03E-09	2.61E-08
2714	NG_1410	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.307	7.73E-08	1.41E-07	5.45E-07	6.79E-09	4.20E-11	3.02E-06	2.48E-08	7.75E-09	1.52E-16	4.03E-09	1.07E-11	7.50E-12	1.18E-10	7.34E-11	4.40E-10	6.96E-12	1.59E-10	2.17E-08	2.01E-09	2.58E-08
2715	NG_1411	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.307	7.55E-08	1.37E-07	5.23E-07	6.81E-09	4.10E-11	2.96E-06	2.43E-08	7.57E-09	1.48E-16	3.93E-09	1.04E-11	7.32E-12	1.15E-10	7.17E-11	4.29E-10	6.80E-12	1.55E-10	2.12E-08	1.96E-09	2.52E-08
2716	NG_1412	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.307	7.31E-08	1.32E-07	5.01E-07	6.69E-09	3.97E-11	2.85E-06	2.35E-08	7.33E-09	1.43E-16	3.81E-09	1.01E-11	7.08E-12	1.12E-10	6.94E-11	4.16E-10	6.58E-12	1.50E-10	2.05E-08	1.90E-09	2.44E-08
2717	NG_1413	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.307	6.94E-08	1.25E-07	4.70E-07	6.35E-09	3.77E-11	2.63E-06	2.23E-08	6.95E-09	1.36E-16	3.61E-09	9.57E-12	6.72E-12	1.06E-10	6.59E-11	3.94E-10	6.24E-12	1.42E-10	1.94E-08	1.80E-09	2.32E-08
2718	NG_1414	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.307	6.47E-08	1.16E-07	4.32E-07	5.85E-09	3.51E-11	2.34E-06	2.08E-08	6.48E-09	1.27E-16	3.37E-09	8.92E-12	6.26E-12	9.86E-11	6.14E-11	3.68E-10	5.82E-12	1.33E-10	1.81E-08	1.68E-09	2.16E-08

AQIA DATA - SCENARIO 1 GRID MAX

Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution

All Pollutants

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2719	NG_1415	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.307	6.04E-08	1.08E-07	4.01E-07	5.33E-09	3.28E-11	2.09E-06	1.94E-08	6.05E-09	1.18E-16	3.14E-09	8.33E-12	5.84E-12	9.20E-11	5.73E-11	3.43E-10	5.43E-12	1.24E-10	1.69E-08	1.57E-09	2.02E-08
2720	NG_1416	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.307	5.67E-08	1.01E-07	3.78E-07	4.85E-09	3.08E-11	1.91E-06	1.82E-08	5.68E-09	1.11E-16	2.95E-09	7.82E-12	5.49E-12	8.65E-11	5.38E-11	3.22E-10	5.10E-12	1.16E-10	1.59E-08	1.47E-09	1.89E-08
2721	NG_1417	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.307	5.36E-08	9.61E-08	3.60E-07	4.40E-09	2.91E-11	1.78E-06	1.72E-08	5.37E-09	1.05E-16	2.79E-09	7.39E-12	5.18E-12	8.17E-11	5.08E-11	3.04E-10	4.82E-12	1.10E-10	1.50E-08	1.39E-09	1.79E-08
2722	NG_1418	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.307	5.10E-08	9.19E-08	3.47E-07	4.01E-09	2.77E-11	1.68E-06	1.64E-08	5.11E-09	9.99E-17	2.65E-09	7.03E-12	4.93E-12	7.77E-11	4.84E-11	2.90E-10	4.59E-12	1.05E-10	1.43E-08	1.32E-09	1.70E-08
2723	NG_1419	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.307	4.91E-08	8.91E-08	3.40E-07	3.70E-09	2.66E-11	1.62E-06	1.58E-08	4.92E-09	9.62E-17	2.55E-09	6.77E-12	4.75E-12	7.48E-11	4.66E-11	2.79E-10	4.42E-12	1.01E-10	1.38E-08	1.27E-09	1.64E-08
2724	NG_1420	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.307	4.76E-08	8.71E-08	3.37E-07	3.45E-09	2.58E-11	1.57E-06	1.53E-08	4.77E-09	9.33E-17	2.48E-09	6.57E-12	4.61E-12	7.25E-11	4.52E-11	2.70E-10	4.28E-12	9.77E-11	1.33E-08	1.23E-09	1.59E-08
2725	NG_1421	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.307	4.64E-08	8.57E-08	3.36E-07	3.27E-09	2.52E-11	1.55E-06	1.49E-08	4.65E-09	9.10E-17	2.42E-09	6.41E-12	4.51E-12	7.08E-11	4.41E-11	2.64E-10	4.18E-12	9.53E-11	1.30E-08	1.20E-09	1.55E-08
2726	NG_1422	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.307	4.60E-08	8.57E-08	3.42E-07	3.16E-09	2.50E-11	1.55E-06	1.48E-08	4.61E-09	9.01E-17	2.39E-09	6.34E-12	4.46E-12	7.01E-11	4.36E-11	2.61E-10	4.14E-12	9.43E-11	1.29E-08	1.19E-09	1.54E-08
2727	NG_1423	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.307	4.54E-08	8.54E-08	3.46E-07	3.06E-09	2.47E-11	1.55E-06	1.46E-08	4.55E-09	8.90E-17	2.36E-09	6.27E-12	4.40E-12	6.92E-11	4.31E-11	2.58E-10	4.09E-12	9.32E-11	1.27E-08	1.18E-09	1.52E-08
2728	NG_1424	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.307	4.41E-08	8.35E-08	3.42E-07	2.93E-09	2.39E-11	1.51E-06	1.42E-08	4.42E-09	8.65E-17	2.30E-09	6.08E-12	4.27E-12	6.72E-11	4.19E-11	2.51E-10	3.97E-12	9.05E-11	1.24E-08	1.14E-09	1.47E-08
2729	NG_1425	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.307	4.20E-08	7.98E-08	3.29E-07	2.74E-09	2.28E-11	1.41E-06	1.35E-08	4.21E-09	8.23E-17	2.18E-09	5.79E-12	4.06E-12	6.40E-11	3.98E-11	2.39E-10	3.78E-12	8.62E-11	1.18E-08	1.09E-09	1.40E-08
2730	NG_1426	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.307	3.96E-08	7.53E-08	3.12E-07	2.56E-09	2.15E-11	1.31E-06	1.27E-08	3.96E-09	7.76E-17	2.06E-09	5.45E-12	3.82E-12	6.03E-11	3.75E-11	2.25E-10	3.56E-12	8.12E-11	1.11E-08	1.03E-09	1.32E-08
2731	NG_1427	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.307	3.75E-08	7.15E-08	2.98E-07	2.40E-09	2.03E-11	1.22E-06	1.20E-08	3.75E-09	7.35E-17	1.95E-09	5.16E-12	3.62E-12	5.71E-11	3.55E-11	2.13E-10	3.37E-12	7.69E-11	1.05E-08	9.72E-10	1.25E-08
2732	NG_1428	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.307	3.55E-08	6.80E-08	2.84E-07	2.25E-09	1.93E-11	1.15E-06	1.14E-08	3.56E-09	6.96E-17	1.85E-09	4.89E-12	3.43E-12	5.41E-11	3.37E-11	2.02E-10	3.19E-12	7.29E-11	9.95E-09	9.21E-10	1.19E-08
2733	NG_1429	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.307	3.34E-08	6.41E-08	2.69E-07	2.10E-09	1.82E-11	1.07E-06	1.07E-08	3.35E-09	6.56E-17	1.74E-09	4.61E-12	3.23E-12	5.10E-11	3.17E-11	1.90E-10	3.01E-12	6.87E-11	9.37E-09	8.68E-10	1.12E-08
2734	NG_1430	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.307	3.12E-08	5.98E-08	2.52E-07	1.94E-09	1.69E-11	9.81E-07	1.00E-08	3.13E-09	6.12E-17	1.62E-09	4.30E-12	3.01E-12	4.75E-11	2.96E-11	1.77E-10	2.81E-12	6.40E-11	8.74E-09	8.09E-10	1.04E-08
2735	NG_1431	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.307	2.90E-08	5.56E-08	2.34E-07	1.79E-09	1.58E-11	8.96E-07	9.32E-09	2.91E-09	5.69E-17	1.51E-09	4.00E-12	2.80E-12	4.43E-11	2.75E-11	1.65E-10	2.61E-12	5.96E-11	8.14E-09	7.53E-10	9.70E-09
2736	NG_1432	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.307	2.75E-08	5.27E-08	2.23E-07	1.67E-09	1.49E-11	8.40E-07	8.82E-09	2.75E-09	5.39E-17	1.43E-09	3.78E-12	2.65E-12	4.19E-11	2.61E-11	1.56E-10	2.47E-12	5.64E-11	7.70E-09	7.13E-10	9.18E-09
2737	NG_1433	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.307	2.63E-08	5.05E-08	2.15E-07	1.59E-09	1.43E-11	8.00E-07	8.45E-09	2.64E-09	5.16E-17	1.37E-09	3.62E-12	2.54E-12	4.01E-11	2.50E-11	1.50E-10	2.37E-12	5.40E-11	7.37E-09	6.82E-10	8.79E-09
2738	NG_1434	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.307	2.51E-08	4.83E-08	2.06E-07	1.50E-09	1.36E-11	7.57E-07	8.07E-09	2.52E-09	4.93E-17	1.31E-09	3.46E-12	2.42E-12	3.83E-11	2.38E-11	1.43E-10	2.26E-12	5.16E-11	7.04E-09	6.52E-10	8.39E-09
2739	NG_1435	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.307	2.38E-08	4.58E-08	1.95E-07	1.41E-09	1.29E-11	7.07E-07	7.64E-09	2.38E-09	4.66E-17	1.24E-09	3.28E-12	2.29E-12	3.63E-11	2.26E-11	1.35E-10	2.14E-12	4.88E-11	6.67E-09	6.17E-10	7.95E-09
2740	NG_1436	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.357	1.83E-08	3.25E-08	1.17E-07	1.73E-09	9.91E-12	9.16E-07	5.86E-09	1.83E-09	3.58E-17	9.50E-10	2.52E-12	1.78E-12	2.78E-11	1.73E-11	1.04E-10	1.64E-12	3.74E-11	5.11E-09	4.73E-10	6.09E-09
2741	NG_1437	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.357	1.98E-08	3.51E-08	1.27E-07	1.84E-09	1.07E-11	9.63E-07	6.34E-09	1.98E-09	3.87E-17	1.03E-09	2.73E-12	1.92E-12	3.01E-11	1.88E-11	1.12E-10	1.78E-12	4.05E-11	5.53E-09	5.12E-10	6.59E-09
2742	NG_1438	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.357	2.16E-08	3.84E-08	1.40E-07	1.96E-09	1.17E-11	1.02E-06	6.93E-09	2.16E-09	4.23E-17	1.12E-09	2.98E-12	2.10E-12	3.29E-11	2.05E-11	1.23E-10	1.94E-12	4.43E-11	6.04E-09	5.59E-10	7.20E-09
2743	NG_1439	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.357	2.38E-08	4.23E-08	1.55E-07	2.11E-09	1.29E-11	1.08E-06	7.63E-09	2.38E-09	4.66E-17	1.24E-09	3.28E-12	2.32E-12	3.62E-11	2.26E-11	1.35E-10	2.14E-12	4.87E-11	6.66E-09	6.16E-10	7.93E-09
2744	NG_1440	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.357	2.64E-08	4.71E-08	1.73E-07	2.30E-09	1.43E-11	1.16E-06	8.47E-09	2.64E-09	5.17E-17	1.37E-09	3.65E-12	2.58E-12	4.02E-11	2.51E-11	1.50E-10	2.38E-12	5.41E-11	7.40E-09	6.84E-10	8.81E-09
2745	NG_1441	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.357	2.97E-08	5.30E-08	1.97E-07	2.54E-09	1.61E-11	1.26E-06	9.52E-09	2.97E-09	5.81E-17	1.54E-09	4.10E-12	2.89E-12	4.52E-11	2.82E-11	1.68E-10	2.67E-12	6.08E-11	8.31E-09	7.68E-10	9.90E-09
2746	NG_1442	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.357	3.37E-08	6.06E-08	2.27E-07	2.84E-09	1.83E-11	1.39E-06	1.08E-08	3.38E-09	6.61E-17	1.76E-09	4.66E-12	3.29E-12	5.14E-11	3.20E-11	1.92E-10	3.03E-12	6.92E-11	9.45E-09	8.74E-10	1.13E-08
2747	NG_1443	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.357	3.88E-08	7.01E-08	2.66E-07	3.22E-09	2.11E-11	1.56E-06	1.24E-08	3.88E-09	7.60E-17	2.02E-09	5.36E-12	3.78E-12	5.91E-11	3.68E-11	2.20E-10	3.49E-12	7.95E-11	1.09E-08	1.00E-09	1.29E-08
2748	NG_1444	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.357	4.44E-08	8.08E-08	3.10E-07	3.64E-09	2.41E-11	1.74E-06	1.43E-08	4.45E-09	8.71E-17	2.31E-09	6.15E-12	4.34E-12	6.77E-11	4.22E-11	2.53E-10	4.00E-12	9.12E-11	1.25E-08	1.15E-09	1.48E-08
2749	NG_1445	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.357	5.05E-08	9.23E-08	3.58E-07	4.09E-09	2.75E-11	1.92E-06	1.62E-08	5.06E-09	9.91E-17	2.63E-09	6.99E-12	4.94E-12	7.71E-11	4.80E-11	2.87E-10	4.55E-12	1.04E-10	1.42E-08	1.31E-09	1.69E-08
2750	NG_1446	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.357	5.73E-08	1.05E-07	4.12E-07	4.60E-09	3.11E-11	2.13E-06	1.84E-08	5.74E-09	1.12E-16	2.98E-09	7.92E-12	5.59E-12	8.73E-11	5.44E-11	3.26E-10	5.16E-12	1.18E-10	1.61E-08	1.49E-09	1.91E-08
2751	NG_1447	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.357	6.42E-08	1.18E-07	4.67E-07	5.14E-09	3.49E-11	2.36E-06	2.06E-08	6.43E-09	1.26E-16	3.34E-09	8.87E-12	6.26E-12	9.79E-11	6.10E-11	3.65E-10	5.78E-12	1.32E-10	1.80E-08	1.66E-09	2.14E-08
2752	NG_1448	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.357	7.00E-08	1.29E-07	5.12E-07	5.65E-09	3.80E-11	2.56E-06	2.25E-08	7.02E-09	1.37E-16	3.65E-09	9.68E-12	6.82E-12	1.07E-10	6.65E-11	3.98E-10	6.30E-12	1.44E-10	1.96E-08	1.82E-09	2.34E-08
2753	NG_1449	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.357	7.36E-08	1.35E-07	5.35E-07	6.04E-09	4.00E-11	2.70E-06	2.37E-08	7.38E-09	1.44E-16	3.83E-09	1.02E-11	7.16E-12	1.12E-10	6.99E-11	4.19E-10	6.63E-12	1.51E-10	2.06E-08	1.91E-09	2.46E-08
2754	NG_1450	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.357	7.48E-08	1.37E-07	5.36E-07	6.29E-09	4.06E-11	2.75E-06	2.40E-08	7.50E-09	1.47E-16	3.89E-09	1.03E-11	7.27E-12	1.14E-10	7.10E-11	4.25E-10	6.73E-12	1.54E-10	2.10E-08	1.94E-09	2.50E-08
2755	NG_1451	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.357	7.40E-08	1.35E-07	5.20E-07	6.39E-09	4.02E-11	2.72E-06	2.38E-08	7.42E-09	1.45E-16	3.85E-09	1.02E-11	7.18E-12	1.13E-10	7.03E-11	4.21E-10	6.66E-12	1.52E-10	2.07E-08	1.92E-09	2.47E-08
2756	NG_1452	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.357	7.22E-08	1.31E-07	4.99E-07	6.37E-09	3.92E-11	2.65E-06	2.32E-08	7.23E-09	1.42E-16	3.76E-09	9.96E-12	7.00E-12	1.10E-10	6.85E-11	4.10E-10	6.50E-12	1.48E-10	2.02E-08	1.87E-09	2.41E-08
2757	NG_1453	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.357	6.99E-08	1.26E-07	4.77E-07	6.22E-09	3.79E-11	2.53E-06	2.24E-08	7.00E-09	1.37E-16	3.64E-09	9.64E-12	6.77E-12	1.07E-10	6.63E-11	3.97E-10	6.29E-12	1.43E-10	1.96E-08	1.81E-09	2.33E-08
2758	NG_1454	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.357	6.67E-08	1.20E-07	4.51E-07	5.92E-09	3.62E-11	2.35E-06	2.14E-08	6.68E-09	1.31E-16	3.47E-09	9.20E-12	6.46E-12	1.02E-10	6.33E-11	3.79E-10	6.00E-12	1.37E-10	1.87E-08	1.73E-09	2.23E-08
2759	NG_1455	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.357	6.29E-08	1.12E-07	4.21E-07	5.48E-09	3.41E-11	2.12E-06	2.02E-08	6.30E-09	1.23E-16	3.27E-09	8.67E-12	6.09E-12	9.59E-11	5.97E-11	3.57E-10	5.66E-12	1.29E-10	1.76E-08	1.63E-09	2.10E-08
2760	NG_1456	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.357	5.92E-08	1.06E-07	3.96E-07	5.02E-09	3.22E-11	1.93E-06	1.90E-08	5.94E-09	1.16E-16	3.08E-09	8.17E-12	5.73E-12	9.03E-11	5.62E-11	3.37E-10	5.33E-12	1.22E-10	1.66E-08	1.54E-09	1.98E-08
2761	NG_1457	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.357	5.58E-08	9.99E-08	3.75E-07	4.57E-09	3.03E-11	1.77E-06	1.79E-08	5.60E-09	1.09E-16	2.91E-09	7.70E-12	5.40E-12	8.51E-11	5.30E-11	3.17E-10	5.02E-12	1.15E-10	1.56E-08	1.45E-09	1.87E-08
2762	NG_1458	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.357	5.27E-08	9.45E-08	3.56E-07	4.15E-09	2.86E-11	1.64E-06	1.69E-08	5.28E-09	1.03E-16	2.74E-09	7.27E-12	5.10E-12	8.04E-11	5.00E-11	3.00E-10	4.74E-12	1.08E-10	1.48E-08	1.37E-09	1.76E-08
2763	NG_1459	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.357	5.00E-08	9.02E-08	3.42E-07	3.79E-09	2.72E-11	1.54E-06	1.61E-08	5.02E-09	9.81E-17	2.61E-09	6.90E-12	4.84E-12	7.63E-11	4.75E-11	2.85E-10	4.50E-12	1.03E-10	1.40E-08	1.30E-09	1.67E-08
2764	NG_1460	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.357	4.80E-08	8.70E-08	3.33E-07	3.49E-09	2.61E-11	1.48E-06	1.54E-08	4.81E-09	9.41E-17	2.50E-09	6.62E-12	4.65E-12	7.32E-11	4.56E-11	2.73E-10	4.32E-12	9.85E-11	1.35E-08	1.24E-09	1.60E-08
2765	NG_1461	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.357	4.64E-08	8.46E-08	3.28E-07	3.26E-09	2.52E-11	1.43E-06	1.49E-08	4.65E-09	9.09E-17	2.41E-09	6.40E-12	4.50E-12	7.07E-11	4.40E-11	2.64E-10	4.17E-12	9.52E-11	1.30E-08	1.20E-09	1.55E-08
2766	NG_1462	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.357	4.52E-08	8.32E-08	3.27E-07	3.09E-09	2.45E-11	1.41E-06	1.45E-08	4.53E-09	8.86E-17	2.35E-09	6.24E-12	4.39E-12	6.89E-11	4.29E-11	2.57E-10	4.07E-12	9.28E-11	1.27E-08	1.17E-09	1.51E-08
2767	NG_1463	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.357	4.46E-08	8.29E-08	3.30E-07	2.98E-09	2.42E-11	1.41E-06	1.43E-08	4.47E-09	8.74E-17	2.32E-09	6.16E-12	4.33E-12	6.80E-11	4.23E-11	2.54E-10	4.01E-12	9.15E-11	1.25E-08	1.16E-09	1.49E-08
2768	NG_1464	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.357	4.40E-08	8.24E-08	3.33E-07	2.89E-09	2.39E-11	1.41E-06	1.41E-08	4.41E-09	8.62E-17	2.29E-09	6.07E-12	4.27E-12	6.70E-11	4.17E-11	2.50E-10	3.96E-12	9.03E-11	1.23E-08	1.14E-09	1.47E-08
2769	NG_1465	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.357	4.30E-08	8.11E-08	3.32E-07	2.79E-09	2.33E-11	1.39E-06	1.38E-08	4.31E-09	8.42E-17	2.24E-09	5.93E-12	4.17E-12	6.55E-11	4.08E-11	2.44E-10	3.87E-12	8.82E-11	1.20E-08	1.11E-09	1.44E-08
2770	NG_1466	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.357	4.13E-08	7.83E-08	3.22E-07	2.65E-09	2.24E-11	1.32E-06	1.33E-08	4.14E-09	8.09E-17	2.15E-09	5.70E-12	4.00E-12	6.29E-11	3.92E-11	2.35E-10	3.72E-12	8.47E-11	1.16E-08	1.07E-09	1.38E-08
2771	NG_1467	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.357	3.93E-08	7.47E-08	3.09E-07	2.50E-09	2.13E-11	1.25E-06	1.26E-08	3.94E-09	7.70E-17	2.04E-09	5.42E-12	3.80E-12	5.99E-11	3.73E-11	2.23E-10	3.53E-12	8.06E-11	1.10E-08	1.02E-09	1.31E-08
2772	NG_1468	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.357	3.73E-08	7.11E-08	2.96E-07	2.35E-09	2.02E-11	1.18E-06	1.20E-08	3.74E-09	7.31E-17	1.94E-09	5.14E-12	3.60E-12	5.68E-11	3.54E-11	2.12E-10	3.35E-12	7.65E-11	1.04E-08	9.67E-10	1.24E-08
2773	NG_1469	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.357	3.54E-08	6.76E-08	2.83E-07	2.22E-09	1.92E-11	1.11E-06	1.14E-08	3.55E-09	6.94E-17	1.84E-09	4.88E-12	3.42E-12	5.39E-11	3.36E-11	2.01E-10	3.18E-12	7.26E-11	9.92E-09	9.18E-10	1.18E-08
2774	NG_1470	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.357	3.33E-08	6.38E-08	2.68E-07	2.08E-09	1.81E-11	1.04E-06	1.07E-08	3.34E-09	6.54E-17	1.74E-09	4.59E-12	3.22E-12	5.08E-11	3.16E-11	1.89E-10	3.00E-12	6.84E-11	9.34E-09	8.65E-10	1.11E-08
2775	NG_1471	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.357	3.13E-08	6.00E-08	2.53E-07	1.94E-09	1.70E-11	9.64E-07	1.01E-08	3.14E-09	6.14E-17	1.63E-09	4.32E-12	3.02E-12	4.77E-11	2.97E-11	1.78E-10	2.82E-12	6.43E-11	8.78E-09	8.12E-10	1.05E-08
2776	NG_1472	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.357	2.94E-08	5.63E-08	2.37E-07	1.80E-09	1.59E-11	8.94E-07	9.43E-09	2.94E-09	5.76E-17	1.53E-09	4.05E-12	2.83E-12	4.48E-11	2.79E-11	1.67E-10	2.64E-12	6.03E-11	8.23E-09	7.62E-10	9.81E-09
2777	NG_1473	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.357	2.78E-08	5.33E-08	2.25E-07	1.69E-09	1.51E-11	8.38E-07	8.91E-09	2.78E-09	5.44E-17	1.44E-09	3.82E-12	2.68E-12	4.23E-11	2.63E-11	1.58E-10	2.50E-12	5.70E-11	7.78E-09	7.20E-10	9.27E-09
2778	NG_1474	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.357	2.64E-08	5.07E-08	2.16E-07	1.59E-09	1.43E-11	7.93E-07	8.48E-09	2.65E-09	5.18E-17	1.37E-09	3.64E-12	2.55E-12	4.03E-11	2.51E-11	1.50E-10	2.38E-12	5.42E-11	7.40E-09	6.85E-10	8.82E-09
2779	NG_1475	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.357	2.51E-08	4.83E-08	2.06E-07	1.50E-09	1.36E-11	7.48E-07	8.07E-09	2.52E-09	4.92E-17	1.31E-09	3.46E-12	2.42E-12	3.83E-11	2.38E-11	1.43E-10	2.26E-12	5.16E-11	7.04E-09	6.51E-10	8.39E-09
2780	NG_1476	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.357	2.38E-08	4.58E-08	1.96E-07	1.41E-09	1.29E-11	7.01E-07	7.64E-09	2.38E-09	4.67E-17	1.24E-09	3.28E-12	2.30E-12	3.63E-11	2.26E-11	1.35E-10	2.14E-12	4.89E-11	6.67E-09	6.17E-10	7.95E-09
2781	NG_1477	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.407	1.94E-08	3.45E-08	1.27E-07	1.67E-09	1.05E-11	8.77E-07	6.21E-09	1.94E-09	3.79E-17	1.01E-09	2.68E-12	1.89E-12	2.95E-11	1.84E-11	1.10E-10	1.74E-12	3.97E-11	5.42E-09	5.02E-10	6.46E-09
2782	NG_1478	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.407	2.10E-08	3.74E-08	1.38E-07	1.78E-09	1.14E-11	9.25E-07	6.74E-09	2.10E-09	4.12E-17	1.09E-09	2.90E-12	2.05E-12	3.20E-11	1.99E-11	1.19E-10	1.89E-12	4.31E-11	5.88E-09	5.44E-10	7.01E-09
2783	NG_1479	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.407	2.30E-08	4.10E-08	1.52E-07	1.91E-09	1.25E-11	9.81E-07	7.37E-09	2.30E-09	4.50E-17	1.20E-09	3.17E-12	2.24E-12	3.50E-11	2.18E-11	1.30E-10	2.07E-12	4.71E-11	6.43E-09	5.95E-10	7.67E-09
2784	NG_1480	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.407	2.54E-08	4.54E-08	1.70E-07	2.09E-09	1.38E-11	1.05E-06	8.15E-09	2.54E-09	4.97E-17	1.32E-09	3.51E-12	2.48E-12	3.87E-11	2.41E-11	1.44E-10	2.28E-12	5.21E-11	7.11E-09	6.58E-10	8.47E-09
2785	NG_1481	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.407	2.82E-08	5.05E-08	1.90E-07	2.29E-09	1.53E-11	1.14E-06	9.04E-09	2.82E-09	5.52E-17	1.47E-09	3.90E-12	2.75E-12	4.29E-11	2.68E-11	1.60E-10	2.54E-12	5.78E-11	7.89E-09	7.30E-10	9.41E-09
2786	NG_1482	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.407	3.15E-08	5.68E-08	2.15E-07	2.54E-09	1.71E-11	1.24E-06	1.01E-08	3.16E-09	6.18E-17	1.64E-09	4.36E-12	3.08E-12	4.81E-11	3.00E-11	1.79E-10	2.84E-12	6.47E-11	8.84E-09	8.18E-10	1.05E-08
2787	NG_1483	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.407	3.55E-08	6.41E-08	2.45E-07	2.84E-09	1.93E-11	1.37E-06	1.14E-08	3.56E-09	6.96E-17	1.85E-09	4.91E-12	3.47E-12	5.41E-11	3.37E-11	2.02E-10	3.20E-12	7.28E-11	9.95E-09	9.20E-10	1.19E-08
2788	NG_1484	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.407	4.04E-08	7.33E-08	2.83E-07	3.21E-09	2.19E-11	1.52E-06	1.30E-08	4.04E-09	7.91E-17	2.10E-09	5.58E-12	3.94E-12	6.15E-11	3.83E-11	2.29E-10	3.63E-12	8.28E-11	1.13E-08	1.05E-09	1.35E-08
2789	NG_1485	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.407	4.58E-08	8.34E-08	3.25E-07	3.62E-09	2.49E-11	1.69E-06	1.47E-08	4.58E-09	8.97E-17	2.38E-09	6.33E-12	4.47E-12	6.97E-11	4.35E-11	2.60E-10	4.12E-12	9.39E-11	1.28E-08	1.19E-09	1.53E-08
2790	NG_1486	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.407	5.17E-08	9.48E-08	3.72E-07	4.07E-09	2.81E-11	1.87E-06	1.66E-08	5.18E-09	1.01E-16	2.69E-09	7.15E-12	5.05E-12	7.88E-11	4.91E-11	2.94E-10	4.66E-12	1.06E-10	1.45E-08	1.34E-09	1.73E-08
2791	NG_1487	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.407	5.74E-08	1.06E-07	4.17E-07	4.51E-09	3.12E-11	2.04E-06	1.84E-08	5.76E-09	1.13E-16	2.99E-09	7.94E-12	5.60E-12	8.76E-11	5.46E-11	3.27E-10	5.17E-12	1.18E-10	1.61E-08	1.49E-09	1.92E-08
2792	NG_1488	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.407	6.29E-08	1.16E-07	4.59E-07	4.96E-09	3.42E-11	2.20E-06	2.02E-08	6.30E-09	1.23E-16	3.27E-09	8.69E-12	6.13E-12	9.59E-11	5.97E-11	3.57E-10	5.66E-12	1.29E-10	1.76E-08	1.63E-09	2.10E-08
2793	NG_1489	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.407	6.72E-08	1.23E-07	4.89E-07	5.36E-09	3.65E-11	2.33E-06	2.16E-08	6.73E-09	1.32E-16	3.50E-09	9.28E-12	6.54E-12	1.02E-10	6.38E-11	3.82E-10	6.04E-12	1.38E-10	1.88E-08	1.74E-09	2.24E-08
2794	NG_1490	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.407	6.99E-08	1.28E-07	5.05E-07	5.68E-09	3.80E-11	2.42E-06	2.24E-08	7.00E-09	1.37E-16	3.64E-09	9.66E-12	6.80E-12	1.07E-10	6.64E-11	3.97E-10	6.29E-12	1.43E-10	1.96E-08	1.81E-09	2.33E-08
2795	NG_1491	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.407	7.07E-08	1.29E-07	5.04E-07	5.89E-09	3.84E-11	2.45E-06	2.27E-08	7.08E-09	1.39E-16	3.68E-09	9.76E-12	6.86E-12	1.08E-10	6.71E-11	4.02E-10	6.36E-12	1.45E-10	1.98E-08	1.83E-09	2.36E-08
2796	NG_1492	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.407	6.99E-08	1.27E-07	4.89E-07	5.96E-09	3.79E-11	2.42E-06	2.24E-08	7.00E-09	1.37E-16	3.64E-09	9.64E-12	6.78E-12	1.07E-10	6.63E-11	3.97E-10	6.29E-12	1.43E-10	1.96E-08	1.81E-09	2.33E-08
2797	NG_1493	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.407	6.82E-08	1.23E-07	4.71E-07	5.93E-09	3.71E-11	2.35E-06	2.19E-08	6.84E-09	1.34E-16	3.55E-09	9.42E-12	6.61E-12	1.04E-10	6.48E-11	3.88E-10	6.14E-12	1.40E-10	1.91E-08	1.77E-09	2.28E-08
2798	NG_1494	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.407	6.59E-08	1.18E-07	4.48E-07	5.76E-09	3.58E-11	2.23E-06	2.12E-08	6.60E-09	1.29E-16	3.43E-09	9.09E-12	6.38E-12	1.00E-10	6.25E-11	3.75E-10	5.93E-12	1.35E-10	1.85E-08	1.71E-09	2.20E-08
2799	NG_1495	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.407	6.34E-08	1.14E-07	4.29E-07	5.50E-09	3.44E-11	2.09E-06	2.04E-08	6.36E-09	1.24E-16	3.30E-09	8.75E-12	6.14E-12	9.67E-11	6.02E-11	3.61E-10	5.71E-12	1.30E-10	1.78E-08	1.64E-09	2.12E-08
2800	NG_1496	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.407	6.04E-08	1.08E-07	4.07E-07	5.13E-09	3.28E-11	1.92E-06	1.94E-08	6.05E-09	1.18E-16	3.14E-09	8.33E-12	5.85E-12	9.21E-11	5.73E-11	3.43E-10	5.43E-12	1.24E-10	1.69E-08	1.57E-09	2.02E-08
2801	NG_1497	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.407	5.73E-08	1.02E-07	3.86E-07	4.73E-09	3.11E-11	1.77E-06	1.84E-08	5.74E-09	1.12E-16	2.98E-09	7.90E-12	5.55E-12	8.73E-11	5.44E-11	3.26E-10	5.15E-12	1.18E-10	1.61E-08	1.49E-09	1.91E-08

AQIA DATA - SCENARIO 1 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2802	NG_1498	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.407	5.41E-08	9.68E-08	3.65E-07	4.31E-09	2.94E-11	1.62E-06	1.74E-08	5.42E-09	1.06E-16	2.82E-09	7.46E-12	5.24E-12	8.25E-11	5.13E-11	3.08E-10	4.87E-12	1.11E-10	1.52E-08	1.40E-09	1.81E-08
2803	NG_1499	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.407	5.12E-08	9.19E-08	3.48E-07	3.93E-09	2.78E-11	1.51E-06	1.64E-08	5.13E-09	1.00E-16	2.67E-09	7.06E-12	4.95E-12	7.81E-11	4.86E-11	2.91E-10	4.61E-12	1.05E-10	1.44E-08	1.33E-09	1.71E-08
2804	NG_1500	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.407	4.85E-08	8.73E-08	3.32E-07	3.58E-09	2.63E-11	1.41E-06	1.56E-08	4.86E-09	9.51E-17	2.52E-09	6.69E-12	4.69E-12	7.39E-11	4.60E-11	2.76E-10	4.36E-12	9.95E-11	1.36E-08	1.26E-09	1.62E-08
2805	NG_1501	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.407	4.62E-08	8.36E-08	3.21E-07	3.29E-09	2.51E-11	1.34E-06	1.49E-08	4.63E-09	9.07E-17	2.41E-09	6.38E-12	4.48E-12	7.05E-11	4.39E-11	2.63E-10	4.16E-12	9.49E-11	1.30E-08	1.20E-09	1.54E-08
2806	NG_1502	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.407	4.47E-08	8.13E-08	3.15E-07	3.08E-09	2.42E-11	1.31E-06	1.43E-08	4.47E-09	8.75E-17	2.32E-09	6.16E-12	4.33E-12	6.81E-11	4.24E-11	2.54E-10	4.02E-12	9.17E-11	1.25E-08	1.16E-09	1.49E-08
2807	NG_1503	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.407	4.35E-08	7.98E-08	3.13E-07	2.92E-09	2.36E-11	1.29E-06	1.40E-08	4.36E-09	8.52E-17	2.26E-09	6.00E-12	4.22E-12	6.63E-11	4.13E-11	2.47E-10	3.91E-12	8.92E-11	1.22E-08	1.13E-09	1.45E-08
2808	NG_1504	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.407	4.27E-08	7.91E-08	3.14E-07	2.81E-09	2.32E-11	1.28E-06	1.37E-08	4.28E-09	8.38E-17	2.22E-09	5.90E-12	4.15E-12	6.51E-11	4.06E-11	2.43E-10	3.85E-12	8.77E-11	1.20E-08	1.11E-09	1.43E-08
2809	NG_1505	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.407	4.20E-08	7.83E-08	3.15E-07	2.72E-09	2.28E-11	1.27E-06	1.35E-08	4.21E-09	8.23E-17	2.19E-09	5.80E-12	4.07E-12	6.40E-11	3.99E-11	2.39E-10	3.78E-12	8.62E-11	1.18E-08	1.09E-09	1.40E-08
2810	NG_1506	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.407	4.11E-08	7.71E-08	3.14E-07	2.63E-09	2.23E-11	1.26E-06	1.32E-08	4.11E-09	8.05E-17	2.14E-09	5.67E-12	3.98E-12	6.26E-11	3.90E-11	2.33E-10	3.69E-12	8.43E-11	1.15E-08	1.06E-09	1.37E-08
2811	NG_1507	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.407	3.99E-08	7.53E-08	3.09E-07	2.53E-09	2.16E-11	1.23E-06	1.28E-08	3.99E-09	7.82E-17	2.08E-09	5.50E-12	3.86E-12	6.08E-11	3.78E-11	2.27E-10	3.59E-12	8.18E-11	1.12E-08	1.03E-09	1.33E-08
2812	NG_1508	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.407	3.85E-08	7.31E-08	3.02E-07	2.43E-09	2.09E-11	1.19E-06	1.24E-08	3.86E-09	7.55E-17	2.00E-09	5.31E-12	3.73E-12	5.87E-11	3.65E-11	2.19E-10	3.46E-12	7.90E-11	1.08E-08	9.99E-10	1.29E-08
2813	NG_1509	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.407	3.68E-08	7.01E-08	2.92E-07	2.31E-09	2.00E-11	1.13E-06	1.18E-08	3.69E-09	7.21E-17	1.92E-09	5.07E-12	3.56E-12	5.61E-11	3.49E-11	2.09E-10	3.31E-12	7.55E-11	1.03E-08	9.54E-10	1.23E-08
2814	NG_1510	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.407	3.48E-08	6.65E-08	2.78E-07	2.17E-09	1.89E-11	1.06E-06	1.12E-08	3.49E-09	6.83E-17	1.81E-09	4.80E-12	3.37E-12	5.31E-11	3.31E-11	1.98E-10	3.13E-12	7.15E-11	9.76E-09	9.04E-10	1.16E-08
2815	NG_1511	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.407	3.31E-08	6.33E-08	2.66E-07	2.05E-09	1.80E-11	1.01E-06	1.06E-08	3.31E-09	6.48E-17	1.72E-09	4.56E-12	3.20E-12	5.04E-11	3.14E-11	1.88E-10	2.98E-12	6.79E-11	9.27E-09	8.58E-10	1.10E-08
2816	NG_1512	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.407	3.14E-08	6.02E-08	2.54E-07	1.94E-09	1.70E-11	9.55E-07	1.01E-08	3.15E-09	6.16E-17	1.64E-09	4.33E-12	3.03E-12	4.79E-11	2.98E-11	1.79E-10	2.83E-12	6.45E-11	8.80E-09	8.15E-10	1.05E-08
2817	NG_1513	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.407	2.98E-08	5.73E-08	2.43E-07	1.83E-09	1.62E-11	9.05E-07	9.58E-09	2.99E-09	5.85E-17	1.55E-09	4.11E-12	2.88E-12	4.55E-11	2.83E-11	1.70E-10	2.69E-12	6.13E-11	8.36E-09	7.74E-10	9.97E-09
2818	NG_1514	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.407	2.82E-08	5.42E-08	2.30E-07	1.72E-09	1.53E-11	8.50E-07	9.06E-09	2.83E-09	5.53E-17	1.47E-09	3.89E-12	2.72E-12	4.30E-11	2.68E-11	1.60E-10	2.54E-12	5.79E-11	7.91E-09	7.32E-10	9.42E-09
2819	NG_1515	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.407	2.67E-08	5.13E-08	2.19E-07	1.61E-09	1.45E-11	7.99E-07	8.56E-09	2.67E-09	5.23E-17	1.39E-09	3.67E-12	2.57E-12	4.07E-11	2.53E-11	1.52E-10	2.40E-12	5.48E-11	7.48E-09	6.92E-10	8.91E-09
2820	NG_1516	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.407	2.52E-08	4.84E-08	2.07E-07	1.51E-09	1.37E-11	7.47E-07	8.08E-09	2.52E-09	4.93E-17	1.31E-09	3.47E-12	2.43E-12	3.84E-11	2.39E-11	1.43E-10	2.26E-12	5.17E-11	7.05E-09	6.53E-10	8.41E-09
2821	NG_1517	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.407	2.39E-08	4.61E-08	1.97E-07	1.43E-09	1.30E-11	7.05E-07	7.68E-09	2.40E-09	4.69E-17	1.25E-09	3.30E-12	2.31E-12	3.65E-11	2.27E-11	1.36E-10	2.15E-12	4.91E-11	6.71E-09	6.21E-10	7.99E-09
2822	NG_1518	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.457	2.05E-08	3.66E-08	1.37E-07	1.62E-09	1.11E-11	8.45E-07	6.58E-09	2.05E-09	4.02E-17	1.07E-09	2.83E-12	2.00E-12	3.12E-11	1.95E-11	1.16E-10	1.84E-12	4.20E-11	5.74E-09	5.31E-10	6.84E-09
2823	NG_1519	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.457	2.23E-08	3.98E-08	1.50E-07	1.74E-09	1.21E-11	8.94E-07	7.15E-09	2.23E-09	4.36E-17	1.16E-09	3.08E-12	2.17E-12	3.39E-11	2.11E-11	1.26E-10	2.00E-12	4.57E-11	6.24E-09	5.77E-10	7.43E-09
2824	NG_1520	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.457	2.43E-08	4.36E-08	1.65E-07	1.88E-09	1.32E-11	9.50E-07	7.81E-09	2.44E-09	4.76E-17	1.27E-09	3.36E-12	2.37E-12	3.71E-11	2.31E-11	1.38E-10	2.19E-12	4.99E-11	6.81E-09	6.30E-10	8.12E-09
2825	NG_1521	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.457	2.69E-08	4.83E-08	1.84E-07	2.06E-09	1.46E-11	1.03E-06	8.62E-09	2.69E-09	5.26E-17	1.40E-09	3.71E-12	2.62E-12	4.09E-11	2.55E-11	1.53E-10	2.42E-12	5.51E-11	7.52E-09	6.96E-10	8.97E-09
2826	NG_1522	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.457	2.98E-08	5.38E-08	2.06E-07	2.28E-09	1.62E-11	1.12E-06	9.57E-09	2.99E-09	5.84E-17	1.55E-09	4.12E-12	2.91E-12	4.54E-11	2.83E-11	1.69E-10	2.68E-12	6.12E-11	8.35E-09	7.73E-10	9.95E-09
2827	NG_1523	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.457	3.31E-08	5.99E-08	2.31E-07	2.53E-09	1.80E-11	1.22E-06	1.06E-08	3.32E-09	6.49E-17	1.72E-09	4.58E-12	3.23E-12	5.05E-11	3.15E-11	1.88E-10	2.98E-12	6.79E-11	9.28E-09	8.59E-10	1.11E-08
2828	NG_1524	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.457	3.70E-08	6.70E-08	2.60E-07	2.83E-09	2.01E-11	1.34E-06	1.19E-08	3.70E-09	7.24E-17	1.92E-09	5.11E-12	3.61E-12	5.63E-11	3.51E-11	2.10E-10	3.33E-12	7.58E-11	1.04E-08	9.58E-10	1.23E-08
2829	NG_1525	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.457	4.16E-08	7.59E-08	2.97E-07	3.19E-09	2.26E-11	1.49E-06	1.34E-08	4.17E-09	8.16E-17	2.17E-09	5.76E-12	4.06E-12	6.34E-11	3.95E-11	2.37E-10	3.75E-12	8.54E-11	1.17E-08	1.08E-09	1.39E-08
2830	NG_1526	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.457	4.69E-08	8.58E-08	3.39E-07	3.59E-09	2.55E-11	1.65E-06	1.50E-08	4.69E-09	9.18E-17	2.44E-09	6.48E-12	4.57E-12	7.14E-11	4.45E-11	2.66E-10	4.22E-12	9.61E-11	1.31E-08	1.21E-09	1.56E-08
2831	NG_1527	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.457	5.22E-08	9.59E-08	3.81E-07	4.01E-09	2.84E-11	1.81E-06	1.68E-08	5.23E-09	1.02E-16	2.72E-09	7.21E-12	5.09E-12	7.96E-11	4.96E-11	2.97E-10	4.70E-12	1.07E-10	1.46E-08	1.35E-09	1.74E-08
2832	NG_1528	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.457	5.71E-08	1.05E-07	4.19E-07	4.41E-09	3.10E-11	1.95E-06	1.83E-08	5.72E-09	1.12E-16	2.97E-09	7.90E-12	5.57E-12	8.71E-11	5.43E-11	3.25E-10	5.14E-12	1.17E-10	1.60E-08	1.48E-09	1.91E-08
2833	NG_1529	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.457	6.15E-08	1.13E-07	4.50E-07	4.79E-09	3.34E-11	2.07E-06	1.97E-08	6.16E-09	1.21E-16	3.20E-09	8.50E-12	5.98E-12	9.37E-11	5.84E-11	3.49E-10	5.53E-12	1.26E-10	1.72E-08	1.59E-09	2.05E-08
2834	NG_1530	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.457	6.47E-08	1.19E-07	4.71E-07	5.12E-09	3.51E-11	2.15E-06	2.08E-08	6.48E-09	1.27E-16	3.37E-09	8.93E-12	6.29E-12	9.86E-11	6.14E-11	3.68E-10	5.82E-12	1.33E-10	1.81E-08	1.68E-09	2.16E-08
2835	NG_1531	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.457	6.66E-08	1.22E-07	4.80E-07	5.37E-09	3.61E-11	2.21E-06	2.14E-08	6.67E-09	1.30E-16	3.46E-09	9.19E-12	6.46E-12	1.01E-10	6.32E-11	3.78E-10	5.99E-12	1.37E-10	1.87E-08	1.73E-09	2.22E-08
2836	NG_1532	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.457	6.71E-08	1.22E-07	4.78E-07	5.54E-09	3.64E-11	2.22E-06	2.15E-08	6.72E-09	1.32E-16	3.49E-09	9.26E-12	6.51E-12	1.02E-10	6.37E-11	3.81E-10	6.04E-12	1.38E-10	1.88E-08	1.74E-09	2.24E-08
2837	NG_1533	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.457	6.62E-08	1.20E-07	4.64E-07	5.58E-09	3.59E-11	2.18E-06	2.13E-08	6.63E-09	1.30E-16	3.45E-09	9.13E-12	6.42E-12	1.01E-10	6.28E-11	3.76E-10	5.96E-12	1.36E-10	1.86E-08	1.72E-09	2.21E-08
2838	NG_1534	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.457	6.45E-08	1.16E-07	4.45E-07	5.52E-09	3.50E-11	2.10E-06	2.07E-08	6.46E-09	1.26E-16	3.36E-09	8.90E-12	6.25E-12	9.83E-11	6.12E-11	3.67E-10	5.80E-12	1.32E-10	1.81E-08	1.67E-09	2.15E-08
2839	NG_1535	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.457	6.26E-08	1.12E-07	4.27E-07	5.37E-09	3.40E-11	2.00E-06	2.01E-08	6.27E-09	1.23E-16	3.26E-09	8.63E-12	6.06E-12	9.54E-11	5.94E-11	3.56E-10	5.63E-12	1.28E-10	1.75E-08	1.62E-09	2.09E-08
2840	NG_1536	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.457	6.03E-08	1.08E-07	4.10E-07	5.13E-09	3.28E-11	1.89E-06	1.94E-08	6.05E-09	1.18E-16	3.14E-09	8.32E-12	5.84E-12	9.20E-11	5.73E-11	3.43E-10	5.43E-12	1.24E-10	1.69E-08	1.56E-09	2.02E-08
2841	NG_1537	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.457	5.77E-08	1.03E-07	3.91E-07	4.81E-09	3.13E-11	1.75E-06	1.85E-08	5.78E-09	1.13E-16	3.00E-09	7.96E-12	5.59E-12	8.80E-11	5.48E-11	3.28E-10	5.19E-12	1.18E-10	1.62E-08	1.50E-09	1.93E-08
2842	NG_1538	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.457	5.49E-08	9.81E-08	3.71E-07	4.44E-09	2.98E-11	1.62E-06	1.76E-08	5.50E-09	1.08E-16	2.86E-09	7.57E-12	5.31E-12	8.36E-11	5.21E-11	3.12E-10	4.94E-12	1.13E-10	1.54E-08	1.42E-09	1.83E-08
2843	NG_1539	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.457	5.20E-08	9.31E-08	3.53E-07	4.07E-09	2.82E-11	1.50E-06	1.67E-08	5.21E-09	1.02E-16	2.71E-09	7.17E-12	5.03E-12	7.93E-11	4.94E-11	2.96E-10	4.68E-12	1.07E-10	1.46E-08	1.35E-09	1.74E-08
2844	NG_1540	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.457	4.93E-08	8.85E-08	3.36E-07	3.72E-09	2.68E-11	1.40E-06	1.58E-08	4.94E-09	9.67E-17	2.57E-09	6.80E-12	4.77E-12	7.52E-11	4.68E-11	2.80E-10	4.44E-12	1.01E-10	1.38E-08	1.28E-09	1.65E-08
2845	NG_1541	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.457	4.67E-08	8.41E-08	3.21E-07	3.41E-09	2.54E-11	1.31E-06	1.50E-08	4.68E-09	9.16E-17	2.43E-09	6.45E-12	4.52E-12	7.12E-11	4.44E-11	2.66E-10	4.21E-12	9.59E-11	1.31E-08	1.21E-09	1.56E-08
2846	NG_1542	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.457	4.44E-08	8.03E-08	3.08E-07	3.13E-09	2.41E-11	1.24E-06	1.43E-08	4.45E-09	8.71E-17	2.31E-09	6.13E-12	4.30E-12	6.78E-11	4.22E-11	2.53E-10	4.00E-12	9.12E-11	1.25E-08	1.15E-09	1.48E-08
2847	NG_1543	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.457	4.27E-08	7.76E-08	3.01E-07	2.92E-09	2.32E-11	1.20E-06	1.37E-08	4.28E-09	8.38E-17	2.22E-09	5.90E-12	4.14E-12	6.51E-11	4.06E-11	2.43E-10	3.85E-12	8.77E-11	1.20E-08	1.11E-09	1.43E-08
2848	NG_1544	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.457	4.16E-08	7.62E-08	2.98E-07	2.77E-09	2.26E-11	1.18E-06	1.34E-08	4.17E-09	8.16E-17	2.17E-09	5.74E-12	4.04E-12	6.34E-11	3.95E-11	2.37E-10	3.74E-12	8.54E-11	1.17E-08	1.08E-09	1.39E-08
2849	NG_1545	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.457	4.07E-08	7.51E-08	2.97E-07	2.65E-09	2.21E-11	1.17E-06	1.31E-08	4.08E-09	7.98E-17	2.12E-09	5.62E-12	3.95E-12	6.21E-11	3.87E-11	2.31E-10	3.66E-12	8.36E-11	1.14E-08	1.06E-09	1.36E-08
2850	NG_1546	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.457	3.98E-08	7.40E-08	2.96E-07	2.56E-09	2.16E-11	1.16E-06	1.28E-08	3.99E-09	7.81E-17	2.07E-09	5.50E-12	3.87E-12	6.08E-11	3.78E-11	2.27E-10	3.59E-12	8.18E-11	1.12E-08	1.03E-09	1.33E-08
2851	NG_1547	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.457	3.89E-08	7.28E-08	2.95E-07	2.48E-09	2.11E-11	1.14E-06	1.25E-08	3.90E-09	7.63E-17	2.03E-09	5.37E-12	3.78E-12	5.94E-11	3.70E-11	2.21E-10	3.50E-12	7.99E-11	1.09E-08	1.01E-09	1.30E-08
2852	NG_1548	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.457	3.81E-08	7.19E-08	2.94E-07	2.41E-09	2.07E-11	1.13E-06	1.23E-08	3.82E-09	7.48E-17	1.99E-09	5.26E-12	3.70E-12	5.82E-11	3.62E-11	2.17E-10	3.43E-12	7.83E-11	1.07E-08	9.89E-10	1.27E-08
2853	NG_1549	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.457	3.72E-08	7.05E-08	2.91E-07	2.34E-09	2.02E-11	1.11E-06	1.19E-08	3.73E-09	7.29E-17	1.94E-09	5.13E-12	3.60E-12	5.67E-11	3.53E-11	2.11E-10	3.35E-12	7.63E-11	1.04E-08	9.65E-10	1.24E-08
2854	NG_1550	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.457	3.59E-08	6.84E-08	2.84E-07	2.25E-09	1.95E-11	1.08E-06	1.15E-08	3.60E-09	7.05E-17	1.87E-09	4.96E-12	3.48E-12	5.48E-11	3.41E-11	2.04E-10	3.23E-12	7.38E-11	1.01E-08	9.32E-10	1.20E-08
2855	NG_1551	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.457	3.43E-08	6.55E-08	2.74E-07	2.14E-09	1.86E-11	1.03E-06	1.10E-08	3.44E-09	6.72E-17	1.79E-09	4.73E-12	3.32E-12	5.23E-11	3.25E-11	1.95E-10	3.09E-12	7.04E-11	9.61E-09	8.89E-10	1.15E-08
2856	NG_1552	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.457	3.27E-08	6.25E-08	2.63E-07	2.03E-09	1.77E-11	9.82E-07	1.05E-08	3.28E-09	6.41E-17	1.70E-09	4.51E-12	3.16E-12	4.98E-11	3.10E-11	1.86E-10	2.94E-12	6.71E-11	9.16E-09	8.48E-10	1.09E-08
2857	NG_1553	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.457	3.13E-08	6.00E-08	2.54E-07	1.93E-09	1.70E-11	9.43E-07	1.00E-08	3.14E-09	6.13E-17	1.63E-09	4.31E-12	3.02E-12	4.77E-11	2.97E-11	1.78E-10	2.82E-12	6.42E-11	8.77E-09	8.12E-10	1.05E-08
2858	NG_1554	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.457	2.99E-08	5.76E-08	2.44E-07	1.84E-09	1.62E-11	9.04E-07	9.61E-09	3.00E-09	5.87E-17	1.56E-09	4.13E-12	2.89E-12	4.56E-11	2.84E-11	1.70E-10	2.69E-12	6.14E-11	8.39E-09	7.76E-10	1.00E-08
2859	NG_1555	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.457	2.85E-08	5.49E-08	2.34E-07	1.74E-09	1.55E-11	8.60E-07	9.15E-09	2.85E-09	5.59E-17	1.48E-09	3.93E-12	2.75E-12	4.34E-11	2.70E-11	1.62E-10	2.56E-12	5.85E-11	7.98E-09	7.39E-10	9.51E-09
2860	NG_1556	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.457	2.68E-08	5.16E-08	2.21E-07	1.63E-09	1.45E-11	8.03E-07	8.61E-09	2.69E-09	5.26E-17	1.40E-09	3.69E-12	2.59E-12	4.09E-11	2.54E-11	1.52E-10	2.41E-12	5.50E-11	7.51E-09	6.95E-10	8.95E-09
2861	NG_1557	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.457	2.52E-08	4.86E-08	2.08E-07	1.52E-09	1.37E-11	7.49E-07	8.10E-09	2.53E-09	4.95E-17	1.31E-09	3.48E-12	2.44E-12	3.85E-11	2.39E-11	1.43E-10	2.27E-12	5.18E-11	7.07E-09	6.55E-10	8.43E-09
2862	NG_1558	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.457	2.39E-08	4.60E-08	1.97E-07	1.43E-09	1.30E-11	7.03E-07	7.67E-09	2.39E-09	4.68E-17	1.24E-09	3.29E-12	2.31E-12	3.64E-11	2.27E-11	1.36E-10	2.15E-12	4.90E-11	6.69E-09	6.19E-10	7.98E-09
2863	NG_1559	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.507	2.16E-08	3.86E-08	1.47E-07	1.58E-09	1.17E-11	8.15E-07	6.92E-09	2.16E-09	4.22E-17	1.12E-09	2.98E-12	2.10E-12	3.29E-11	2.05E-11	1.22E-10	1.94E-12	4.42E-11	6.04E-09	5.59E-10	7.20E-09
2864	NG_1560	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.507	2.35E-08	4.20E-08	1.61E-07	1.71E-09	1.27E-11	8.66E-07	7.52E-09	2.35E-09	4.59E-17	1.22E-09	3.24E-12	2.28E-12	3.57E-11	2.22E-11	1.33E-10	2.11E-12	4.80E-11	6.56E-09	6.07E-10	7.82E-09
2865	NG_1561	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.507	2.56E-08	4.60E-08	1.77E-07	1.86E-09	1.39E-11	9.25E-07	8.20E-09	2.56E-09	5.01E-17	1.33E-09	3.53E-12	2.49E-12	3.89E-11	2.43E-11	1.45E-10	2.30E-12	5.24E-11	7.16E-09	6.62E-10	8.53E-09
2866	NG_1562	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.507	2.81E-08	5.07E-08	1.97E-07	2.04E-09	1.53E-11	1.00E-06	9.02E-09	2.82E-09	5.51E-17	1.46E-09	3.89E-12	2.74E-12	4.28E-11	2.67E-11	1.60E-10	2.53E-12	5.77E-11	7.87E-09	7.29E-10	9.38E-09
2867	NG_1563	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.507	3.12E-08	5.64E-08	2.20E-07	2.27E-09	1.69E-11	1.10E-06	1.00E-08	3.12E-09	6.10E-17	1.62E-09	4.31E-12	3.04E-12	4.75E-11	2.96E-11	1.77E-10	2.80E-12	6.39E-11	8.73E-09	8.07E-10	1.04E-08
2868	NG_1564	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.507	3.44E-08	6.24E-08	2.44E-07	2.52E-09	1.87E-11	1.19E-06	1.10E-08	3.44E-09	6.73E-17	1.79E-09	4.75E-12	3.35E-12	5.23E-11	3.26E-11	1.95E-10	3.09E-12	7.04E-11	9.62E-09	8.90E-10	1.15E-08
2869	NG_1565	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.507	3.80E-08	6.93E-08	2.73E-07	2.81E-09	2.07E-11	1.30E-06	1.22E-08	3.81E-09	7.45E-17	1.98E-09	5.26E-12	3.71E-12	5.80E-11	3.61E-11	2.16E-10	3.42E-12	7.80E-11	1.07E-08	9.86E-10	1.27E-08
2870	NG_1566	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.507	4.26E-08	7.79E-08	3.09E-07	3.16E-09	2.31E-11	1.45E-06	1.37E-08	4.26E-09	8.34E-17	2.21E-09	5.88E-12	4.15E-12	6.48E-11	4.04E-11	2.42E-10	3.83E-12	8.73E-11	1.19E-08	1.10E-09	1.42E-08
2871	NG_1567	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.507	4.74E-08	8.71E-08	3.48E-07	3.55E-09	2.57E-11	1.60E-06	1.52E-08	4.75E-09	9.29E-17	2.47E-09	6.55E-12	4.62E-12	7.22E-11	4.50E-11	2.69E-10	4.26E-12	9.72E-11	1.33E-08	1.23E-09	1.58E-08
2872	NG_1568	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.507	5.19E-08	9.55E-08	3.83E-07	3.92E-09	2.82E-11	1.73E-06	1.67E-08	5.20E-09	1.02E-16	2.70E-09	7.17E-12	5.06E-12	7.91E-11	4.93E-11	2.95E-10	4.67E-12	1.06E-10	1.45E-08	1.35E-09	1.73E-08
2873	NG_1569	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.507	5.60E-08	1.03E-07	4.12E-07	4.27E-09	3.04E-11	1.84E-06	1.80E-08	5.61E-09	1.10E-16	2.91E-09	7.73E-12	5.45E-12	8.53E-11	5.31E-11	3.18E-10	5.04E-12	1.15E-10	1.57E-08	1.45E-09	1.87E-08
2874	NG_1570	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.507	5.96E-08	1.10E-07	4.39E-07	4.61E-09	3.24E-11	1.94E-06	1.91E-08	5.97E-09	1.17E-16	3.10E-09	8.24E-12	5.80E-12	9.09E-11	5.66E-11	3.39E-10	5.37E-12	1.22E-10	1.67E-08	1.55E-09	1.99E-08
2875	NG_1571	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.507	6.21E-08	1.14E-07	4.54E-07	4.89E-09	3.37E-11	2.01E-06	2.00E-08	6.23E-09	1.22E-16	3.23E-09	8.58E-12	6.04E-12	9.47E-11	5.90E-11	3.53E-10	5.59E-12	1.28E-10	1.74E-08	1.61E-09	2.08E-08
2876	NG_1572	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.507	6.35E-08	1.16E-07	4.59E-07	5.10E-09	3.45E-11	2.04E-06	2.04E-08	6.36E-09	1.25E-16	3.31E-09	8.77E-12	6.17E-12	9.68E-11	6.03E-11	3.61E-10	5.72E-12	1.30E-10	1.78E-08	1.65E-09	2.12E-08
2877	NG_1573	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.507	6.36E-08	1.16E-07	4.54E-07	5.22E-09	3.46E-11	2.03E-06	2.04E-08	6.38E-09	1.25E-16	3.31E-09	8.78E-12	6.17E-12	9.70E-11	6.04E-11	3.62E-10	5.73E-12	1.31E-10	1.78E-08	1.65E-09	2.13E-08
2878	NG_1574	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.507	6.26E-08	1.13E-07	4.40E-07	5.23E-09	3.40E-11	1.98E-06	2.01E-08	6.28E-09	1.23E-16	3.26E-09	8.64E-12	6.07E-12	9.55E-11	5.95E-11	3.56E-10	5.64E-12	1.29E-10	1.76E-08	1.62E-09	2.09E-08
2879	NG_1575	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.507	6.12E-08	1.10E-07	4.24E-07	5.17E-09	3.32E-11	1.90E-06	1.96E-08	6.13E-09	1.20E-16	3.18E-09	8.44E-12	5.92E-12	9.32E-11	5.81E-11	3.48E-10	5.50E-12	1.26E-10	1.71E-08	1.59E-09	2.04E-08
2880	NG_1576	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.507	5.96E-08	1.07E-07	4.09E-07	5.03E-09	3.23E-11	1.83E-06	1.91E-08	5.97E-09	1.17E-16	3.10E-09	8.22E-12	5.77E-12	9.08E-11	5.65E-11	3.39E-10	5.36E-12	1.22E-10	1.67E-08	1.54E-09	1.99E-08
2881	NG_1577	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.507	5.76E-08	1.03E-07	3.94E-07	4.82E-09	3.12E-11	1.73E-06	1.85E-08	5.77E-09	1.13E-16	3.00E-09	7.94E-12	5.57E-12	8.78E-11	5.46E-11	3.27E-10	5.18E-12	1.18E-10	1.61E-08	1.49E-09	1.92E-08
2882	NG_1578	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.507	5.49E-08	9.83E-08	3.74E-07	4.51E-09	2.98E-11	1.60E-06	1.76E-08	5.50E-09	1.08E-16	2.86E-09	7.58E-12	5.32E-12	8.37E-11	5.21E-11	3.12E-10	4.94E-12	1.13E-10	1.54E-08	1.42E-09	1.83E-08
2883	NG_1579	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.507	5.23E-08	9.37E-08	3.56E-07	4.18E-09	2.84E-11	1.49E-06	1.68E-08	5.24E-09	1.03E-16	2.72E-09	7.22E-12	5.07E-12	7.98E-11	4.97E-11	2.98E-10	4.71E-12	1.07E-10	1.47E-08	1.36E-09	1.75E-08
2884	NG_1580	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.507	4.98E-08	8.92E-08	3.39E-07	3.85E-09	2.70E-11	1.38E-06	1.60E-08	4.99E-09	9.76E-17	2.59E-09	6.87E-12	4.82E-12	7.59E-11	4.72E-11	2.83E-10	4.48E-12	1.02E-10	1.40E-08	1.29E-09	1.66E-08

AQIA DATA - SCENARIO 1 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2885	NG_1581	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.507	4.73E-08	8.49E-08	3.24E-07	3.54E-09	2.57E-11	1.30E-06	1.52E-08	4.74E-09	9.27E-17	2.46E-09	6.52E-12	4.57E-12	7.21E-11	4.49E-11	2.69E-10	4.25E-12	9.70E-11	1.33E-08	1.23E-09	1.58E-08
2886	NG_1582	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.507	4.49E-08	8.08E-08	3.10E-07	3.25E-09	2.44E-11	1.22E-06	1.44E-08	4.50E-09	8.80E-17	2.34E-09	6.19E-12	4.34E-12	6.84E-11	4.26E-11	2.55E-10	4.04E-12	9.22E-11	1.26E-08	1.16E-09	1.50E-08
2887	NG_1583	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.507	4.26E-08	7.70E-08	2.96E-07	2.99E-09	2.31E-11	1.15E-06	1.37E-08	4.27E-09	8.36E-17	2.22E-09	5.88E-12	4.13E-12	6.50E-11	4.05E-11	2.42E-10	3.84E-12	8.75E-11	1.19E-08	1.11E-09	1.42E-08
2888	NG_1584	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.507	4.08E-08	7.41E-08	2.87E-07	2.78E-09	2.22E-11	1.11E-06	1.31E-08	4.09E-09	8.01E-17	2.13E-09	5.63E-12	3.96E-12	6.23E-11	3.88E-11	2.32E-10	3.68E-12	8.38E-11	1.14E-08	1.06E-09	1.36E-08
2889	NG_1585	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.507	3.96E-08	7.23E-08	2.83E-07	2.63E-09	2.15E-11	1.09E-06	1.27E-08	3.97E-09	7.77E-17	2.06E-09	5.47E-12	3.84E-12	6.04E-11	3.76E-11	2.25E-10	3.56E-12	8.13E-11	1.11E-08	1.03E-09	1.32E-08
2890	NG_1586	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.507	3.87E-08	7.12E-08	2.81E-07	2.52E-09	2.10E-11	1.08E-06	1.24E-08	3.88E-09	7.59E-17	2.02E-09	5.35E-12	3.76E-12	5.90E-11	3.68E-11	2.20E-10	3.48E-12	7.95E-11	1.09E-08	1.00E-09	1.29E-08
2891	NG_1587	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.507	3.78E-08	7.01E-08	2.80E-07	2.42E-09	2.05E-11	1.06E-06	1.21E-08	3.79E-09	7.42E-17	1.97E-09	5.22E-12	3.67E-12	5.77E-11	3.59E-11	2.15E-10	3.40E-12	7.76E-11	1.06E-08	9.81E-10	1.26E-08
2892	NG_1588	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.507	3.70E-08	6.90E-08	2.78E-07	2.35E-09	2.01E-11	1.05E-06	1.19E-08	3.71E-09	7.26E-17	1.93E-09	5.11E-12	3.59E-12	5.64E-11	3.51E-11	2.10E-10	3.33E-12	7.60E-11	1.04E-08	9.60E-10	1.24E-08
2893	NG_1589	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.507	3.64E-08	6.84E-08	2.79E-07	2.29E-09	1.98E-11	1.05E-06	1.17E-08	3.65E-09	7.14E-17	1.90E-09	5.03E-12	3.53E-12	5.55E-11	3.46E-11	2.07E-10	3.28E-12	7.48E-11	1.02E-08	9.45E-10	1.22E-08
2894	NG_1590	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.507	3.57E-08	6.75E-08	2.78E-07	2.24E-09	1.94E-11	1.04E-06	1.15E-08	3.58E-09	7.00E-17	1.86E-09	4.93E-12	3.46E-12	5.44E-11	3.39E-11	2.03E-10	3.21E-12	7.33E-11	1.00E-08	9.26E-10	1.19E-08
2895	NG_1591	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.507	3.49E-08	6.63E-08	2.76E-07	2.18E-09	1.89E-11	1.03E-06	1.12E-08	3.49E-09	6.84E-17	1.82E-09	4.81E-12	3.38E-12	5.32E-11	3.31E-11	1.98E-10	3.14E-12	7.16E-11	9.77E-09	9.04E-10	1.16E-08
2896	NG_1592	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.507	3.35E-08	6.40E-08	2.68E-07	2.09E-09	1.82E-11	9.95E-07	1.08E-08	3.36E-09	6.58E-17	1.75E-09	4.63E-12	3.25E-12	5.11E-11	3.18E-11	1.91E-10	3.02E-12	6.88E-11	9.40E-09	8.70E-10	1.12E-08
2897	NG_1593	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.507	3.21E-08	6.15E-08	2.58E-07	2.00E-09	1.74E-11	9.55E-07	1.03E-08	3.22E-09	6.30E-17	1.67E-09	4.43E-12	3.11E-12	4.90E-11	3.05E-11	1.83E-10	2.89E-12	6.60E-11	9.01E-09	8.34E-10	1.07E-08
2898	NG_1594	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.507	3.08E-08	5.90E-08	2.49E-07	1.90E-09	1.67E-11	9.17E-07	9.88E-09	3.08E-09	6.03E-17	1.60E-09	4.24E-12	2.98E-12	4.69E-11	2.92E-11	1.75E-10	2.77E-12	6.32E-11	8.63E-09	7.98E-10	1.03E-08
2899	NG_1595	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.507	2.95E-08	5.68E-08	2.41E-07	1.82E-09	1.60E-11	8.84E-07	9.48E-09	2.96E-09	5.79E-17	1.54E-09	4.07E-12	2.85E-12	4.50E-11	2.80E-11	1.68E-10	2.66E-12	6.06E-11	8.28E-09	7.66E-10	9.86E-09
2900	NG_1596	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.507	2.82E-08	5.43E-08	2.32E-07	1.73E-09	1.53E-11	8.45E-07	9.05E-09	2.82E-09	5.52E-17	1.47E-09	3.88E-12	2.72E-12	4.30E-11	2.67E-11	1.60E-10	2.54E-12	5.78E-11	7.90E-09	7.31E-10	9.41E-09
2901	NG_1597	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.507	2.67E-08	5.15E-08	2.20E-07	1.63E-09	1.45E-11	7.97E-07	8.57E-09	2.67E-09	5.23E-17	1.39E-09	3.68E-12	2.58E-12	4.07E-11	2.53E-11	1.52E-10	2.40E-12	5.48E-11	7.48E-09	6.92E-10	8.91E-09
2902	NG_1598	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.507	2.52E-08	4.85E-08	2.08E-07	1.53E-09	1.37E-11	7.46E-07	8.08E-09	2.52E-09	4.93E-17	1.31E-09	3.47E-12	2.43E-12	3.83E-11	2.39E-11	1.43E-10	2.26E-12	5.16E-11	7.05E-09	6.52E-10	8.40E-09
2903	NG_1599	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.507	2.37E-08	4.56E-08	1.96E-07	1.43E-09	1.28E-11	6.95E-07	7.60E-09	2.37E-09	4.64E-17	1.23E-09	3.26E-12	2.29E-12	3.61E-11	2.25E-11	1.35E-10	2.13E-12	4.86E-11	6.63E-09	6.14E-10	7.91E-09
2904	NG_1600	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.557	2.24E-08	4.02E-08	1.55E-07	1.54E-09	1.22E-11	7.82E-07	7.19E-09	2.24E-09	4.39E-17	1.17E-09	3.09E-12	2.18E-12	3.41E-11	2.13E-11	1.27E-10	2.01E-12	4.59E-11	6.27E-09	5.80E-10	7.48E-09
2905	NG_1601	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.557	2.44E-08	4.39E-08	1.70E-07	1.68E-09	1.32E-11	8.37E-07	7.82E-09	2.44E-09	4.77E-17	1.27E-09	3.37E-12	2.37E-12	3.71E-11	2.31E-11	1.38E-10	2.19E-12	5.00E-11	6.82E-09	6.31E-10	8.13E-09
2906	NG_1602	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.557	2.66E-08	4.79E-08	1.87E-07	1.84E-09	1.44E-11	8.98E-07	8.52E-09	2.66E-09	5.20E-17	1.38E-09	3.67E-12	2.59E-12	4.04E-11	2.52E-11	1.51E-10	2.39E-12	5.44E-11	7.43E-09	6.88E-10	8.86E-09
2907	NG_1603	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.557	2.91E-08	5.27E-08	2.07E-07	2.02E-09	1.58E-11	9.74E-07	9.34E-09	2.91E-09	5.70E-17	1.51E-09	4.02E-12	2.84E-12	4.43E-11	2.76E-11	1.65E-10	2.62E-12	5.97E-11	8.15E-09	7.54E-10	9.71E-09
2908	NG_1604	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.557	3.21E-08	5.83E-08	2.30E-07	2.25E-09	1.74E-11	1.07E-06	1.03E-08	3.21E-09	6.28E-17	1.67E-09	4.43E-12	3.13E-12	4.89E-11	3.04E-11	1.82E-10	2.89E-12	6.58E-11	8.98E-09	8.31E-10	1.07E-08
2909	NG_1605	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.557	3.53E-08	6.44E-08	2.55E-07	2.51E-09	1.92E-11	1.16E-06	1.13E-08	3.54E-09	6.92E-17	1.84E-09	4.88E-12	3.44E-12	5.38E-11	3.35E-11	2.01E-10	3.18E-12	7.24E-11	9.89E-09	9.15E-10	1.18E-08
2910	NG_1606	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.557	3.88E-08	7.09E-08	2.83E-07	2.79E-09	2.11E-11	1.27E-06	1.25E-08	3.89E-09	7.60E-17	2.02E-09	5.36E-12	3.78E-12	5.91E-11	3.68E-11	2.20E-10	3.49E-12	7.96E-11	1.09E-08	1.01E-09	1.30E-08
2911	NG_1607	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.557	4.29E-08	7.87E-08	3.15E-07	3.12E-09	2.33E-11	1.40E-06	1.38E-08	4.29E-09	8.40E-17	2.23E-09	5.92E-12	4.18E-12	6.53E-11	4.07E-11	2.44E-10	3.86E-12	8.79E-11	1.20E-08	1.11E-09	1.43E-08
2912	NG_1608	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.557	4.70E-08	8.66E-08	3.48E-07	3.46E-09	2.55E-11	1.52E-06	1.51E-08	4.71E-09	9.22E-17	2.45E-09	6.50E-12	4.58E-12	7.17E-11	4.47E-11	2.67E-10	4.23E-12	9.65E-11	1.32E-08	1.22E-09	1.57E-08
2913	NG_1609	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.557	5.10E-08	9.39E-08	3.78E-07	3.80E-09	2.77E-11	1.64E-06	1.64E-08	5.11E-09	9.99E-17	2.65E-09	7.04E-12	4.96E-12	7.77E-11	4.84E-11	2.90E-10	4.59E-12	1.05E-10	1.43E-08	1.32E-09	1.70E-08
2914	NG_1610	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.557	5.44E-08	1.00E-07	4.03E-07	4.11E-09	2.95E-11	1.73E-06	1.75E-08	5.45E-09	1.07E-16	2.83E-09	7.51E-12	5.29E-12	8.28E-11	5.16E-11	3.09E-10	4.89E-12	1.12E-10	1.52E-08	1.41E-09	1.81E-08
2915	NG_1611	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.557	5.73E-08	1.05E-07	4.23E-07	4.40E-09	3.11E-11	1.81E-06	1.84E-08	5.74E-09	1.12E-16	2.98E-09	7.91E-12	5.57E-12	8.73E-11	5.44E-11	3.25E-10	5.15E-12	1.18E-10	1.60E-08	1.49E-09	1.91E-08
2916	NG_1612	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.557	5.91E-08	1.08E-07	4.32E-07	4.64E-09	3.21E-11	1.85E-06	1.90E-08	5.92E-09	1.16E-16	3.08E-09	8.16E-12	5.74E-12	9.01E-11	5.61E-11	3.36E-10	5.32E-12	1.21E-10	1.66E-08	1.53E-09	1.97E-08
2917	NG_1613	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.557	6.01E-08	1.10E-07	4.35E-07	4.81E-09	3.26E-11	1.87E-06	1.93E-08	6.02E-09	1.18E-16	3.13E-09	8.29E-12	5.83E-12	9.16E-11	5.70E-11	3.41E-10	5.41E-12	1.23E-10	1.68E-08	1.56E-09	2.01E-08
2918	NG_1614	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.557	6.01E-08	1.09E-07	4.30E-07	4.91E-09	3.26E-11	1.86E-06	1.93E-08	6.02E-09	1.18E-16	3.13E-09	8.29E-12	5.82E-12	9.16E-11	5.70E-11	3.42E-10	5.41E-12	1.23E-10	1.68E-08	1.56E-09	2.01E-08
2919	NG_1615	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.557	5.92E-08	1.07E-07	4.18E-07	4.91E-09	3.21E-11	1.81E-06	1.90E-08	5.93E-09	1.16E-16	3.08E-09	8.17E-12	5.73E-12	9.03E-11	5.62E-11	3.37E-10	5.33E-12	1.22E-10	1.66E-08	1.54E-09	1.98E-08
2920	NG_1616	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.557	5.78E-08	1.04E-07	4.03E-07	4.84E-09	3.14E-11	1.74E-06	1.86E-08	5.80E-09	1.13E-16	3.01E-09	7.98E-12	5.60E-12	8.82E-11	5.49E-11	3.29E-10	5.20E-12	1.19E-10	1.62E-08	1.50E-09	1.93E-08
2921	NG_1617	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.557	5.63E-08	1.01E-07	3.89E-07	4.71E-09	3.06E-11	1.67E-06	1.81E-08	5.65E-09	1.10E-16	2.93E-09	7.77E-12	5.45E-12	8.59E-11	5.35E-11	3.20E-10	5.07E-12	1.16E-10	1.58E-08	1.46E-09	1.88E-08
2922	NG_1618	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.557	5.45E-08	9.79E-08	3.75E-07	4.51E-09	2.96E-11	1.58E-06	1.75E-08	5.46E-09	1.07E-16	2.84E-09	7.52E-12	5.28E-12	8.31E-11	5.17E-11	3.10E-10	4.91E-12	1.12E-10	1.53E-08	1.41E-09	1.82E-08
2923	NG_1619	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.557	5.22E-08	9.36E-08	3.58E-07	4.24E-09	2.83E-11	1.48E-06	1.68E-08	5.23E-09	1.02E-16	2.72E-09	7.20E-12	5.05E-12	7.96E-11	4.95E-11	2.97E-10	4.70E-12	1.07E-10	1.46E-08	1.35E-09	1.74E-08
2924	NG_1620	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.557	4.99E-08	8.94E-08	3.42E-07	3.95E-09	2.71E-11	1.38E-06	1.60E-08	5.00E-09	9.78E-17	2.60E-09	6.88E-12	4.83E-12	7.61E-11	4.74E-11	2.84E-10	4.49E-12	1.02E-10	1.40E-08	1.29E-09	1.67E-08
2925	NG_1621	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.557	4.75E-08	8.53E-08	3.26E-07	3.65E-09	2.58E-11	1.29E-06	1.53E-08	4.76E-09	9.32E-17	2.47E-09	6.55E-12	4.60E-12	7.24E-11	4.51E-11	2.70E-10	4.28E-12	9.75E-11	1.33E-08	1.23E-09	1.59E-08
2926	NG_1622	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.557	4.51E-08	8.11E-08	3.11E-07	3.36E-09	2.45E-11	1.21E-06	1.45E-08	4.52E-09	8.85E-17	2.35E-09	6.22E-12	4.37E-12	6.88E-11	4.28E-11	2.57E-10	4.06E-12	9.27E-11	1.27E-08	1.17E-09	1.51E-08
2927	NG_1623	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.557	4.29E-08	7.72E-08	2.97E-07	3.09E-09	2.33E-11	1.14E-06	1.38E-08	4.30E-09	8.41E-17	2.23E-09	5.91E-12	4.15E-12	6.54E-11	4.07E-11	2.44E-10	3.86E-12	8.80E-11	1.20E-08	1.11E-09	1.43E-08
2928	NG_1624	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.557	4.07E-08	7.35E-08	2.83E-07	2.85E-09	2.21E-11	1.08E-06	1.31E-08	4.08E-09	7.98E-17	2.12E-09	5.62E-12	3.94E-12	6.21E-11	3.86E-11	2.31E-10	3.66E-12	8.36E-11	1.14E-08	1.06E-09	1.36E-08
2929	NG_1625	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.557	3.89E-08	7.05E-08	2.73E-07	2.65E-09	2.11E-11	1.03E-06	1.25E-08	3.90E-09	7.63E-17	2.03E-09	5.37E-12	3.77E-12	5.93E-11	3.69E-11	2.21E-10	3.50E-12	7.99E-11	1.09E-08	1.01E-09	1.30E-08
2930	NG_1626	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.557	3.76E-08	6.86E-08	2.68E-07	2.50E-09	2.04E-11	1.01E-06	1.21E-08	3.77E-09	7.38E-17	1.96E-09	5.19E-12	3.65E-12	5.74E-11	3.57E-11	2.14E-10	3.39E-12	7.72E-11	1.05E-08	9.76E-10	1.26E-08
2931	NG_1627	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.557	3.67E-08	6.74E-08	2.66E-07	2.39E-09	1.99E-11	9.96E-07	1.18E-08	3.68E-09	7.20E-17	1.91E-09	5.07E-12	3.56E-12	5.60E-11	3.49E-11	2.09E-10	3.30E-12	7.53E-11	1.03E-08	9.52E-10	1.23E-08
2932	NG_1628	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.557	3.59E-08	6.63E-08	2.64E-07	2.30E-09	1.95E-11	9.86E-07	1.15E-08	3.60E-09	7.04E-17	1.87E-09	4.96E-12	3.49E-12	5.47E-11	3.41E-11	2.04E-10	3.23E-12	7.37E-11	1.01E-08	9.31E-10	1.20E-08
2933	NG_1629	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.557	3.53E-08	6.56E-08	2.64E-07	2.24E-09	1.92E-11	9.82E-07	1.13E-08	3.53E-09	6.91E-17	1.84E-09	4.87E-12	3.42E-12	5.38E-11	3.35E-11	2.00E-10	3.17E-12	7.24E-11	9.88E-09	9.15E-10	1.18E-08
2934	NG_1630	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.557	3.48E-08	6.53E-08	2.66E-07	2.19E-09	1.89E-11	9.87E-07	1.12E-08	3.49E-09	6.83E-17	1.81E-09	4.81E-12	3.38E-12	5.31E-11	3.31E-11	1.98E-10	3.13E-12	7.15E-11	9.76E-09	9.03E-10	1.16E-08
2935	NG_1631	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.557	3.42E-08	6.46E-08	2.66E-07	2.15E-09	1.86E-11	9.84E-07	1.10E-08	3.43E-09	6.71E-17	1.78E-09	4.73E-12	3.32E-12	5.22E-11	3.25E-11	1.95E-10	3.08E-12	7.03E-11	9.60E-09	8.88E-10	1.14E-08
2936	NG_1632	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.557	3.35E-08	6.36E-08	2.64E-07	2.10E-09	1.82E-11	9.76E-07	1.08E-08	3.36E-09	6.57E-17	1.75E-09	4.63E-12	3.25E-12	5.11E-11	3.18E-11	1.91E-10	3.02E-12	6.88E-11	9.40E-09	8.70E-10	1.12E-08
2937	NG_1633	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.557	3.25E-08	6.19E-08	2.59E-07	2.03E-09	1.76E-11	9.51E-07	1.04E-08	3.25E-09	6.37E-17	1.69E-09	4.48E-12	3.14E-12	4.95E-11	3.08E-11	1.85E-10	2.92E-12	6.67E-11	9.10E-09	8.42E-10	1.08E-08
2938	NG_1634	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.557	3.13E-08	5.98E-08	2.51E-07	1.95E-09	1.70E-11	9.19E-07	1.00E-08	3.13E-09	6.13E-17	1.63E-09	4.31E-12	3.03E-12	4.77E-11	2.97E-11	1.78E-10	2.81E-12	6.42E-11	8.77E-09	8.11E-10	1.04E-08
2939	NG_1635	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.557	3.00E-08	5.75E-08	2.43E-07	1.86E-09	1.63E-11	8.84E-07	9.63E-09	3.01E-09	5.88E-17	1.56E-09	4.14E-12	2.90E-12	4.57E-11	2.85E-11	1.71E-10	2.70E-12	6.16E-11	8.41E-09	7.78E-10	1.00E-08
2940	NG_1636	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.557	2.88E-08	5.54E-08	2.35E-07	1.78E-09	1.56E-11	8.53E-07	9.25E-09	2.89E-09	5.65E-17	1.50E-09	3.97E-12	2.79E-12	4.39E-11	2.73E-11	1.64E-10	2.59E-12	5.91E-11	8.08E-09	7.47E-10	9.62E-09
2941	NG_1637	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.557	2.76E-08	5.31E-08	2.27E-07	1.70E-09	1.50E-11	8.19E-07	8.86E-09	2.76E-09	5.41E-17	1.44E-09	3.80E-12	2.67E-12	4.20E-11	2.62E-11	1.57E-10	2.48E-12	5.66E-11	7.73E-09	7.15E-10	9.21E-09
2942	NG_1638	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.557	2.62E-08	5.06E-08	2.16E-07	1.61E-09	1.42E-11	7.77E-07	8.42E-09	2.63E-09	5.14E-17	1.37E-09	3.62E-12	2.54E-12	4.00E-11	2.49E-11	1.49E-10	2.36E-12	5.38E-11	7.35E-09	6.80E-10	8.76E-09
2943	NG_1639	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.557	2.49E-08	4.80E-08	2.06E-07	1.52E-09	1.35E-11	7.34E-07	7.99E-09	2.49E-09	4.88E-17	1.29E-09	3.43E-12	2.40E-12	3.79E-11	2.36E-11	1.41E-10	2.24E-12	5.11E-11	6.97E-09	6.45E-10	8.31E-09
2944	NG_1640	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.557	2.35E-08	4.54E-08	1.95E-07	1.43E-09	1.28E-11	6.91E-07	7.56E-09	2.36E-09	4.61E-17	1.23E-09	3.24E-12	2.27E-12	3.59E-11	2.23E-11	1.34E-10	2.12E-12	4.83E-11	6.60E-09	6.10E-10	7.86E-09
2945	NG_1641	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.607	2.30E-08	4.13E-08	1.61E-07	1.51E-09	1.25E-11	7.49E-07	7.38E-09	2.30E-09	4.50E-17	1.20E-09	3.18E-12	2.24E-12	3.50E-11	2.18E-11	1.31E-10	2.07E-12	4.71E-11	6.44E-09	5.96E-10	7.67E-09
2946	NG_1642	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.607	2.50E-08	4.50E-08	1.76E-07	1.65E-09	1.36E-11	8.05E-07	8.01E-09	2.50E-09	4.89E-17	1.30E-09	3.45E-12	2.43E-12	3.80E-11	2.37E-11	1.42E-10	2.24E-12	5.12E-11	6.99E-09	6.47E-10	8.33E-09
2947	NG_1643	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.607	2.72E-08	4.92E-08	1.94E-07	1.81E-09	1.48E-11	8.69E-07	8.73E-09	2.72E-09	5.33E-17	1.41E-09	3.76E-12	2.65E-12	4.14E-11	2.58E-11	1.54E-10	2.45E-12	5.58E-11	7.62E-09	7.05E-10	9.08E-09
2948	NG_1644	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.607	2.98E-08	5.42E-08	2.15E-07	2.01E-09	1.62E-11	9.50E-07	9.57E-09	2.99E-09	5.84E-17	1.55E-09	4.12E-12	2.91E-12	4.54E-11	2.83E-11	1.69E-10	2.68E-12	6.11E-11	8.35E-09	7.73E-10	9.95E-09
2949	NG_1645	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.607	3.27E-08	5.95E-08	2.37E-07	2.23E-09	1.77E-11	1.04E-06	1.05E-08	3.27E-09	6.39E-17	1.70E-09	4.51E-12	3.18E-12	4.97E-11	3.10E-11	1.85E-10	2.94E-12	6.69E-11	9.14E-09	8.46E-10	1.09E-08
2950	NG_1646	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.607	3.58E-08	6.54E-08	2.62E-07	2.48E-09	1.94E-11	1.13E-06	1.15E-08	3.58E-09	7.01E-17	1.86E-09	4.94E-12	3.48E-12	5.45E-11	3.39E-11	2.03E-10	3.22E-12	7.33E-11	1.00E-08	9.27E-10	1.19E-08
2951	NG_1647	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.607	3.91E-08	7.16E-08	2.88E-07	2.75E-09	2.12E-11	1.23E-06	1.25E-08	3.91E-09	7.65E-17	2.03E-09	5.40E-12	3.80E-12	5.95E-11	3.71E-11	2.22E-10	3.51E-12	8.01E-11	1.09E-08	1.01E-09	1.30E-08
2952	NG_1648	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.607	4.27E-08	7.86E-08	3.17E-07	3.06E-09	2.32E-11	1.34E-06	1.37E-08	4.28E-09	8.37E-17	2.22E-09	5.91E-12	4.16E-12	6.51E-11	4.06E-11	2.43E-10	3.85E-12	8.77E-11	1.20E-08	1.11E-09	1.43E-08
2953	NG_1649	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.607	4.63E-08	8.53E-08	3.45E-07	3.36E-09	2.51E-11	1.45E-06	1.49E-08	4.64E-09	9.07E-17	2.41E-09	6.40E-12	4.51E-12	7.06E-11	4.40E-11	2.63E-10	4.17E-12	9.50E-11	1.30E-08	1.20E-09	1.55E-08
2954	NG_1650	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.607	4.97E-08	9.16E-08	3.70E-07	3.67E-09	2.70E-11	1.55E-06	1.59E-08	4.98E-09	9.74E-17	2.59E-09	6.86E-12	4.83E-12	7.57E-11	4.72E-11	2.82E-10	4.47E-12	1.02E-10	1.39E-08	1.29E-09	1.66E-08
2955	NG_1651	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.607	5.25E-08	9.67E-08	3.90E-07	3.94E-09	2.85E-11	1.62E-06	1.69E-08	5.26E-09	1.03E-16	2.73E-09	7.25E-12	5.10E-12	8.00E-11	4.98E-11	2.98E-10	4.72E-12	1.08E-10	1.47E-08	1.36E-09	1.75E-08
2956	NG_1652	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.607	5.46E-08	1.00E-07	4.04E-07	4.18E-09	2.97E-11	1.68E-06	1.75E-08	5.47E-09	1.07E-16	2.84E-09	7.54E-12	5.31E-12	8.33E-11	5.19E-11	3.11E-10	4.92E-12	1.12E-10	1.53E-08	1.42E-09	1.82E-08
2957	NG_1653	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.607	5.60E-08	1.03E-07	4.10E-07	4.38E-09	3.04E-11	1.71E-06	1.80E-08	5.61E-09	1.10E-16	2.92E-09	7.73E-12	5.44E-12	8.54E-11	5.32E-11	3.18E-10	5.04E-12	1.15E-10	1.57E-08	1.45E-09	1.87E-08
2958	NG_1654	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.607	5.66E-08	1.03E-07	4.10E-07	4.51E-09	3.07E-11	1.71E-06	1.82E-08	5.67E-09	1.11E-16	2.95E-09	7.81E-12	5.49E-12	8.63E-11	5.37E-11	3.22E-10	5.09E-12	1.16E-10	1.59E-08	1.47E-09	1.89E-08
2959	NG_1655	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.607	5.65E-08	1.03E-07	4.04E-07	4.59E-09	3.06E-11	1.69E-06	1.81E-08	5.66E-09	1.11E-16	2.94E-09	7.79E-12	5.47E-12	8.61E-11	5.36E-11	3.21E-10	5.08E-12	1.16E-10	1.58E-08	1.46E-09	1.89E-08
2960	NG_1656	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.607	5.56E-08	1.01E-07	3.94E-07	4.58E-09	3.02E-11	1.65E-06	1.79E-08	5.58E-09	1.09E-16	2.90E-09	7.67E-12	5.39E-12	8.48E-11	5.28E-11	3.16E-10	5.01E-12	1.14E-10	1.56E-08	1.44E-09	1.86E-08
2961	NG_1657	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.607	5.44E-08	9.82E-08	3.81E-07	4.52E-09	2.96E-11	1.59E-06	1.75E-08	5.46E-09	1.07E-16	2.83E-09	7.51E-12	5.27E-12	8.30E-11	5.17E-11	3.09E-10	4.90E-12	1.12E-10	1.53E-08	1.41E-09	1.82E-08
2962	NG_1658	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.607	5.29E-08	9.52E-08	3.67E-07	4.39E-09	2.87E-11	1.52E-06	1.70E-08	5.30E-09	1.04E-16	2.76E-09	7.30E-12	5.12E-12	8.07E-11	5.02E-11	3.01E-10	4.76E-12	1.09E-10	1.48E-08	1.37E-09	1.77E-08
2963	NG_1659	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.607	5.13E-08	9.22E-08	3.55E-07	4.21E-09	2.79E-11	1.45E-06	1.65E-08	5.14E-09	1.01E-16	2.67E-09	7.08E-12	4.97E-12	7.82E-11	4.87E-11	2.92E-10	4.62E-12	1.05E-10	1.44E-08	1.33E-09	1.71E-08
2964	NG_1660	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.607	4.95E-08	8.88E-08	3.41E-07	3.98E-09	2.68E-11	1.37E-06	1.59E-08	4.96E-09	9.70E-17	2.57E-09	6.82E-12	4.79E-12	7.54E-11	4.69E-11	2.81E-10	4.45E-12	1.02E-10	1.39E-08	1.28E-09	1.65E-08
2965	NG_1661	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.607	4.74E-08	8.52E-08	3.27E-07	3.73E-09	2.57E-11	1.29E-06	1.52E-08	4.75E-09	9.30E-17	2.47E-09	6.54E-12	4.59E-12	7.23E-11	4.50E-11	2.70E-10	4.27E-12	9.73E-11	1.33E-08	1.23E-09	1.58E-08
2966	NG_1662	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.607	4.52E-08	8.12E-08	3.12E-07	3.46E-09	2.45E-11	1.21E-06	1.45E-08	4.53E-09	8.86E-17	2.35E-09	6.23E-12	4.37E-12	6.89E-11	4.29E-11	2.57E-10	4.07E-12	9.28E-11	1.27E-08	1.17E-09	1.51E-08
2967	NG_1663	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.607	4.30E-08	7.73E-08	2.98E-07	3.19E-09	2.33E-11	1.13E-06	1.38E-08	4.31E-09	8.42E-17	2.24E-09	5.92E-12	4.16E-12	6.55E-11	4.08E-11	2.44E-10	3.87E-12	8.82E-11	1.20E-08	1.11E-09	1.44E-08

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 1 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							1.62E-07	3.13E-07	1.05E-06	5.68E-08	8.79E-11	2.69E-05	5.19E-08	1.62E-08	3.17E-16	8.41E-09	2.24E-11	1.59E-11	2.46E-10	1.54E-10	9.18E-10	1.46E-11	3.31E-10	4.53E-08	4.19E-09	5.40E-08
Receptor ID of Maximum Offsite Concentration / Deposition Rate							NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837
Coordinates of Maximum Offsite Concentration/ Deposition Rate						X	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464
						Y	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607
2968	NG_1664	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.607	4.08E-08	7.35E-08	2.84E-07	2.94E-09	2.21E-11	1.07E-06	1.31E-08	4.09E-09	8.00E-17	2.12E-09	5.63E-12	3.95E-12	6.22E-11	3.87E-11	2.32E-10	3.67E-12	8.37E-11	1.14E-08	1.06E-09	1.36E-08
2969	NG_1665	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.607	3.88E-08	7.01E-08	2.71E-07	2.72E-09	2.11E-11	1.01E-06	1.25E-08	3.89E-09	7.61E-17	2.02E-09	5.35E-12	3.76E-12	5.92E-11	3.68E-11	2.21E-10	3.49E-12	7.97E-11	1.09E-08	1.01E-09	1.30E-08
2970	NG_1666	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.607	3.71E-08	6.73E-08	2.62E-07	2.53E-09	2.02E-11	9.72E-07	1.19E-08	3.72E-09	7.28E-17	1.93E-09	5.12E-12	3.60E-12	5.66E-11	3.52E-11	2.11E-10	3.34E-12	7.62E-11	1.04E-08	9.63E-10	1.24E-08
2971	NG_1667	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.607	3.58E-08	6.51E-08	2.55E-07	2.38E-09	1.94E-11	9.43E-07	1.15E-08	3.58E-09	7.01E-17	1.86E-09	4.93E-12	3.47E-12	5.45E-11	3.39E-11	2.03E-10	3.22E-12	7.34E-11	1.00E-08	9.27E-10	1.19E-08
2972	NG_1668	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.607	3.47E-08	6.37E-08	2.51E-07	2.27E-09	1.89E-11	9.25E-07	1.12E-08	3.48E-09	6.81E-17	1.81E-09	4.80E-12	3.37E-12	5.30E-11	3.30E-11	1.98E-10	3.13E-12	7.13E-11	9.74E-09	9.01E-10	1.16E-08
2973	NG_1669	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.607	3.40E-08	6.28E-08	2.50E-07	2.19E-09	1.85E-11	9.19E-07	1.09E-08	3.41E-09	6.67E-17	1.77E-09	4.70E-12	3.31E-12	5.19E-11	3.23E-11	1.94E-10	3.06E-12	6.99E-11	9.54E-09	8.83E-10	1.14E-08
2974	NG_1670	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.607	3.36E-08	6.24E-08	2.51E-07	2.14E-09	1.82E-11	9.22E-07	1.08E-08	3.37E-09	6.59E-17	1.75E-09	4.64E-12	3.26E-12	5.12E-11	3.19E-11	1.91E-10	3.02E-12	6.89E-11	9.41E-09	8.71E-10	1.12E-08
2975	NG_1671	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.607	3.32E-08	6.21E-08	2.53E-07	2.09E-09	1.80E-11	9.26E-07	1.07E-08	3.32E-09	6.50E-17	1.73E-09	4.58E-12	3.22E-12	5.06E-11	3.15E-11	1.89E-10	2.99E-12	6.81E-11	9.30E-09	8.60E-10	1.11E-08
2976	NG_1672	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.607	3.27E-08	6.17E-08	2.53E-07	2.06E-09	1.78E-11	9.27E-07	1.05E-08	3.28E-09	6.42E-17	1.70E-09	4.52E-12	3.18E-12	4.99E-11	3.11E-11	1.86E-10	2.94E-12	6.72E-11	9.17E-09	8.49E-10	1.09E-08
2977	NG_1673	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.607	3.20E-08	6.07E-08	2.52E-07	2.01E-09	1.74E-11	9.17E-07	1.03E-08	3.21E-09	6.28E-17	1.67E-09	4.42E-12	3.11E-12	4.88E-11	3.04E-11	1.82E-10	2.88E-12	6.57E-11	8.98E-09	8.31E-10	1.07E-08
2978	NG_1674	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.607	3.12E-08	5.94E-08	2.48E-07	1.95E-09	1.70E-11	9.02E-07	1.00E-08	3.13E-09	6.12E-17	1.63E-09	4.31E-12	3.03E-12	4.76E-11	2.96E-11	1.77E-10	2.81E-12	6.41E-11	8.75E-09	8.10E-10	1.04E-08
2979	NG_1675	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.607	3.02E-08	5.77E-08	2.42E-07	1.88E-09	1.64E-11	8.76E-07	9.70E-09	3.03E-09	5.92E-17	1.57E-09	4.17E-12	2.92E-12	4.60E-11	2.87E-11	1.72E-10	2.72E-12	6.20E-11	8.46E-09	7.83E-10	1.01E-08
2980	NG_1676	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.607	2.93E-08	5.61E-08	2.37E-07	1.82E-09	1.59E-11	8.56E-07	9.40E-09	2.93E-09	5.74E-17	1.52E-09	4.04E-12	2.83E-12	4.46E-11	2.78E-11	1.66E-10	2.63E-12	6.01E-11	8.20E-09	7.59E-10	9.78E-09
2981	NG_1677	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.607	2.82E-08	5.42E-08	2.30E-07	1.75E-09	1.53E-11	8.29E-07	9.05E-09	2.83E-09	5.53E-17	1.47E-09	3.89E-12	2.73E-12	4.30E-11	2.68E-11	1.60E-10	2.54E-12	5.79E-11	7.90E-09	7.31E-10	9.42E-09
2982	NG_1678	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.607	2.70E-08	5.21E-08	2.22E-07	1.67E-09	1.47E-11	7.96E-07	8.68E-09	2.71E-09	5.30E-17	1.41E-09	3.73E-12	2.61E-12	4.12E-11	2.56E-11	1.54E-10	2.43E-12	5.55E-11	7.57E-09	7.01E-10	9.03E-09
2983	NG_1679	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.607	2.58E-08	4.99E-08	2.14E-07	1.59E-09	1.40E-11	7.62E-07	8.30E-09	2.59E-09	5.07E-17	1.34E-09	3.56E-12	2.50E-12	3.94E-11	2.45E-11	1.47E-10	2.32E-12	5.30E-11	7.24E-09	6.70E-10	8.63E-09
2984	NG_1680	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.607	2.47E-08	4.77E-08	2.05E-07	1.52E-09	1.34E-11	7.29E-07	7.93E-09	2.47E-09	4.84E-17	1.29E-09	3.40E-12	2.39E-12	3.76E-11	2.34E-11	1.40E-10	2.22E-12	5.07E-11	6.92E-09	6.40E-10	8.25E-09
2985	NG_1681	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.607	2.36E-08	4.56E-08	1.97E-07	1.45E-09	1.28E-11	6.98E-07	7.57E-09	2.36E-09	4.62E-17	1.23E-09	3.25E-12	2.28E-12	3.59E-11	2.24E-11	1.34E-10	2.12E-12	4.84E-11	6.61E-09	6.11E-10	7.87E-09

AQIA DATA - SCENARIO 1 RESIDENTIAL

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**9.30E-03**	**1.95E-02**	**2.68E-01**	**1.37E-02**	**5.03E-06**	**1.81E-02**	**2.99E-03**	**9.32E-04**	**1.82E-11**	**4.84E-04**	**1.27E-06**	**8.81E-07**	**1.42E-05**	**8.80E-06**	**5.29E-05**	**8.36E-07**	**1.91E-05**	**2.61E-03**	**2.41E-04**	**3.11E-03**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**SR_299**	**SR_299**	**SR_299**	**SR_299**	**SR_299**	**SR_299**	**SR_299**	**SR_299**	**SR_299**	**SR_299**	**SR_299**	**SR_299**	**SR_299**	**SR_299**	**SR_299**	**SR_299**	**SR_299**	**SR_299**	**SR_299**	**SR_299**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.929**	**379.929**	**379.929**	**379.929**	**379.929**	**379.929**	**379.929**	**379.929**	**379.929**	**379.929**	**379.929**	**379.929**	**379.929**	**379.929**	**379.929**	**379.929**	**379.929**	**379.929**	**379.929**	**379.929**
						Y	**6366.674**	**6366.674**	**6366.674**	**6366.674**	**6366.674**	**6366.674**	**6366.674**	**6366.674**	**6366.674**	**6366.674**	**6366.674**	**6366.674**	**6366.674**	**6366.674**	**6366.674**	**6366.674**	**6366.674**	**6366.674**	**6366.674**	**6366.674**
1232	SR_271	Sensitive Receptor	Residential	Offsite	378.837	6368.740	6.63E-03	1.39E-02	1.92E-01	1.14E-02	3.60E-06	1.40E-02	2.13E-03	6.65E-04	1.30E-11	3.45E-04	9.16E-07	6.44E-07	1.01E-05	6.30E-06	3.77E-05	5.97E-07	1.36E-05	1.86E-03	1.72E-04	2.22E-03
1233	SR_272	Sensitive Receptor	Residential	Offsite	378.134	6368.193	4.52E-03	9.50E-03	1.31E-01	7.67E-03	2.46E-06	1.01E-02	1.45E-03	4.54E-04	8.87E-12	2.36E-04	6.24E-07	4.38E-07	6.90E-06	4.29E-06	2.57E-05	4.07E-07	9.29E-06	1.27E-03	1.17E-04	1.51E-03
1234	SR_273	Sensitive Receptor	Residential	Offsite	378.115	6367.996	4.66E-03	9.80E-03	1.35E-01	7.70E-03	2.53E-06	1.05E-02	1.50E-03	4.68E-04	9.15E-12	2.43E-04	6.44E-07	4.52E-07	7.11E-06	4.43E-06	2.65E-05	4.20E-07	9.58E-06	1.31E-03	1.21E-04	1.56E-03
1235	SR_274	Sensitive Receptor	Residential	Offsite	378.143	6367.950	4.81E-03	1.01E-02	1.39E-01	7.91E-03	2.61E-06	1.10E-02	1.55E-03	4.82E-04	9.43E-12	2.51E-04	6.64E-07	4.66E-07	7.34E-06	4.57E-06	2.74E-05	4.33E-07	9.88E-06	1.35E-03	1.25E-04	1.61E-03
1236	SR_275	Sensitive Receptor	Residential	Offsite	378.169	6367.907	4.95E-03	1.04E-02	1.43E-01	8.13E-03	2.69E-06	1.14E-02	1.59E-03	4.97E-04	9.72E-12	2.58E-04	6.84E-07	4.80E-07	7.56E-06	4.71E-06	2.82E-05	4.46E-07	1.02E-05	1.39E-03	1.29E-04	1.66E-03
1237	SR_276	Sensitive Receptor	Residential	Offsite	378.185	6367.877	5.06E-03	1.06E-02	1.46E-01	8.30E-03	2.75E-06	1.17E-02	1.63E-03	5.08E-04	9.93E-12	2.64E-04	6.99E-07	4.91E-07	7.72E-06	4.81E-06	2.88E-05	4.56E-07	1.04E-05	1.42E-03	1.31E-04	1.69E-03
1238	SR_277	Sensitive Receptor	Residential	Offsite	378.200	6367.850	5.15E-03	1.08E-02	1.49E-01	8.43E-03	2.80E-06	1.19E-02	1.65E-03	5.16E-04	1.01E-11	2.68E-04	7.11E-07	5.00E-07	7.86E-06	4.89E-06	2.93E-05	4.64E-07	1.06E-05	1.44E-03	1.34E-04	1.72E-03
1239	SR_278	Sensitive Receptor	Residential	Offsite	378.097	6367.941	4.65E-03	9.76E-03	1.34E-01	7.65E-03	2.52E-06	1.06E-02	1.49E-03	4.66E-04	9.12E-12	2.42E-04	6.41E-07	4.51E-07	7.09E-06	4.41E-06	2.64E-05	4.18E-07	9.54E-06	1.30E-03	1.21E-04	1.55E-03
1240	SR_279	Sensitive Receptor	Residential	Offsite	378.081	6367.889	4.61E-03	9.68E-03	1.33E-01	7.56E-03	2.50E-06	1.05E-02	1.48E-03	4.62E-04	9.03E-12	2.40E-04	6.36E-07	4.47E-07	7.02E-06	4.37E-06	2.62E-05	4.15E-07	9.46E-06	1.29E-03	1.20E-04	1.54E-03
1241	SR_280	Sensitive Receptor	Residential	Offsite	378.069	6367.843	4.55E-03	9.57E-03	1.32E-01	7.45E-03	2.47E-06	1.04E-02	1.46E-03	4.57E-04	8.93E-12	2.37E-04	6.29E-07	4.42E-07	6.95E-06	4.33E-06	2.59E-05	4.10E-07	9.35E-06	1.28E-03	1.18E-04	1.52E-03
1242	SR_281	Sensitive Receptor	Residential	Offsite	378.056	6367.797	4.52E-03	9.50E-03	1.31E-01	7.40E-03	2.46E-06	1.03E-02	1.45E-03	4.53E-04	8.87E-12	2.35E-04	6.24E-07	4.39E-07	6.90E-06	4.29E-06	2.57E-05	4.07E-07	9.28E-06	1.27E-03	1.17E-04	1.51E-03
1243	SR_282	Sensitive Receptor	Residential	Offsite	378.122	6367.917	4.75E-03	9.99E-03	1.37E-01	7.81E-03	2.58E-06	1.08E-02	1.53E-03	4.77E-04	9.32E-12	2.48E-04	6.56E-07	4.61E-07	7.25E-06	4.51E-06	2.70E-05	4.28E-07	9.76E-06	1.33E-03	1.23E-04	1.59E-03
1244	SR_283	Sensitive Receptor	Residential	Offsite	378.110	6367.883	4.71E-03	9.90E-03	1.36E-01	7.73E-03	2.56E-06	1.08E-02	1.51E-03	4.73E-04	9.25E-12	2.46E-04	6.51E-07	4.57E-07	7.19E-06	4.48E-06	2.68E-05	4.24E-07	9.68E-06	1.32E-03	1.22E-04	1.58E-03
1245	SR_284	Sensitive Receptor	Residential	Offsite	378.098	6367.845	4.66E-03	9.80E-03	1.35E-01	7.63E-03	2.53E-06	1.06E-02	1.50E-03	4.68E-04	9.15E-12	2.43E-04	6.44E-07	4.52E-07	7.11E-06	4.43E-06	2.65E-05	4.20E-07	9.58E-06	1.31E-03	1.21E-04	1.56E-03
1246	SR_285	Sensitive Receptor	Residential	Offsite	378.087	6367.803	4.64E-03	9.75E-03	1.34E-01	7.59E-03	2.52E-06	1.06E-02	1.49E-03	4.65E-04	9.10E-12	2.42E-04	6.41E-07	4.50E-07	7.08E-06	4.41E-06	2.64E-05	4.18E-07	9.53E-06	1.30E-03	1.20E-04	1.55E-03
1247	SR_286	Sensitive Receptor	Residential	Offsite	378.145	6367.872	4.87E-03	1.02E-02	1.41E-01	7.98E-03	2.65E-06	1.12E-02	1.56E-03	4.88E-04	9.55E-12	2.54E-04	6.72E-07	4.72E-07	7.43E-06	4.63E-06	2.77E-05	4.39E-07	1.00E-05	1.37E-03	1.26E-04	1.63E-03
1248	SR_287	Sensitive Receptor	Residential	Offsite	378.132	6367.836	4.83E-03	1.01E-02	1.39E-01	7.90E-03	2.62E-06	1.11E-02	1.55E-03	4.84E-04	9.46E-12	2.51E-04	6.66E-07	4.68E-07	7.36E-06	4.58E-06	2.74E-05	4.34E-07	9.91E-06	1.35E-03	1.25E-04	1.61E-03
1249	SR_288	Sensitive Receptor	Residential	Offsite	378.122	6367.798	4.82E-03	1.01E-02	1.39E-01	7.90E-03	2.62E-06	1.11E-02	1.55E-03	4.83E-04	9.45E-12	2.51E-04	6.65E-07	4.67E-07	7.35E-06	4.57E-06	2.74E-05	4.34E-07	9.89E-06	1.35E-03	1.25E-04	1.61E-03
1250	SR_289	Sensitive Receptor	Residential	Offsite	378.165	6367.846	4.98E-03	1.05E-02	1.44E-01	8.16E-03	2.71E-06	1.15E-02	1.60E-03	5.00E-04	9.78E-12	2.60E-04	6.88E-07	4.83E-07	7.60E-06	4.73E-06	2.83E-05	4.49E-07	1.02E-05	1.40E-03	1.29E-04	1.67E-03
1251	SR_290	Sensitive Receptor	Residential	Offsite	378.155	6367.814	4.95E-03	1.04E-02	1.43E-01	8.10E-03	2.69E-06	1.14E-02	1.59E-03	4.96E-04	9.71E-12	2.58E-04	6.83E-07	4.80E-07	7.55E-06	4.70E-06	2.81E-05	4.46E-07	1.02E-05	1.39E-03	1.28E-04	1.65E-03
1252	SR_291	Sensitive Receptor	Residential	Offsite	378.145	6367.779	4.94E-03	1.04E-02	1.43E-01	8.09E-03	2.68E-06	1.14E-02	1.59E-03	4.95E-04	9.69E-12	2.57E-04	6.82E-07	4.79E-07	7.53E-06	4.69E-06	2.81E-05	4.45E-07	1.01E-05	1.38E-03	1.28E-04	1.65E-03
1253	SR_292	Sensitive Receptor	Residential	Offsite	378.131	6367.743	4.90E-03	1.03E-02	1.41E-01	8.04E-03	2.66E-06	1.14E-02	1.57E-03	4.91E-04	9.61E-12	2.55E-04	6.76E-07	4.75E-07	7.47E-06	4.65E-06	2.79E-05	4.41E-07	1.01E-05	1.37E-03	1.27E-04	1.64E-03
1254	SR_293	Sensitive Receptor	Residential	Offsite	378.180	6367.783	5.10E-03	1.07E-02	1.47E-01	8.35E-03	2.77E-06	1.18E-02	1.64E-03	5.11E-04	1.00E-11	2.66E-04	7.04E-07	4.95E-07	7.78E-06	4.84E-06	2.90E-05	4.59E-07	1.05E-05	1.43E-03	1.32E-04	1.70E-03
1255	SR_294	Sensitive Receptor	Residential	Offsite	378.169	6367.748	5.06E-03	1.06E-02	1.46E-01	8.28E-03	2.75E-06	1.18E-02	1.62E-03	5.07E-04	9.92E-12	2.63E-04	6.98E-07	4.91E-07	7.71E-06	4.80E-06	2.88E-05	4.55E-07	1.04E-05	1.42E-03	1.31E-04	1.69E-03
1256	SR_295	Sensitive Receptor	Residential	Offsite	378.204	6367.755	5.24E-03	1.10E-02	1.51E-01	8.58E-03	2.85E-06	1.22E-02	1.68E-03	5.25E-04	1.03E-11	2.73E-04	7.23E-07	5.08E-07	7.99E-06	4.98E-06	2.98E-05	4.72E-07	1.08E-05	1.47E-03	1.36E-04	1.75E-03
1257	SR_296	Sensitive Receptor	Residential	Offsite	378.195	6367.730	5.19E-03	1.09E-02	1.50E-01	8.49E-03	2.82E-06	1.21E-02	1.67E-03	5.21E-04	1.02E-11	2.70E-04	7.17E-07	5.04E-07	7.92E-06	4.93E-06	2.95E-05	4.67E-07	1.07E-05	1.46E-03	1.35E-04	1.73E-03
1258	SR_297	Sensitive Receptor	Residential	Offsite	378.221	6367.722	5.35E-03	1.12E-02	1.54E-01	8.75E-03	2.91E-06	1.25E-02	1.72E-03	5.36E-04	1.05E-11	2.79E-04	7.38E-07	5.19E-07	8.16E-06	5.08E-06	3.04E-05	4.81E-07	1.10E-05	1.50E-03	1.39E-04	1.79E-03
1260	SR_299	Sensitive Receptor	Residential	Offsite	379.929	6366.674	9.30E-03	1.95E-02	2.68E-01	1.37E-02	5.03E-06	1.81E-02	2.99E-03	9.32E-04	1.82E-11	4.84E-04	1.27E-06	8.81E-07	1.42E-05	8.80E-06	5.29E-05	8.36E-07	1.91E-05	2.61E-03	2.41E-04	3.11E-03
1262	SR_301	Sensitive Receptor	Residential	Offsite	379.914	6366.612	7.76E-03	1.63E-02	2.24E-01	1.13E-02	4.20E-06	1.49E-02	2.49E-03	7.78E-04	1.52E-11	4.04E-04	1.06E-06	7.36E-07	1.18E-05	7.35E-06	4.41E-05	6.98E-07	1.60E-05	2.18E-03	2.01E-04	2.59E-03
1263	SR_302	Sensitive Receptor	Residential	Offsite	379.954	6366.593	7.79E-03	1.64E-02	2.24E-01	1.14E-02	4.22E-06	1.47E-02	2.50E-03	7.81E-04	1.53E-11	4.05E-04	1.07E-06	7.38E-07	1.19E-05	7.38E-06	4.43E-05	7.00E-07	1.60E-05	2.18E-03	2.02E-04	2.60E-03
1264	SR_303	Sensitive Receptor	Residential	Offsite	377.335	6366.729	2.93E-03	6.18E-03	8.53E-02	4.72E-03	1.60E-06	5.52E-03	9.44E-04	2.95E-04	5.76E-12	1.53E-04	4.09E-07	2.91E-07	4.48E-06	2.80E-06	1.67E-05	2.65E-07	6.03E-06	8.24E-04	7.62E-05	9.82E-04
1265	SR_304	Sensitive Receptor	Residential	Offsite	377.341	6366.701	2.99E-03	6.30E-03	8.69E-02	4.78E-03	1.63E-06	5.56E-03	9.63E-04	3.00E-04	5.88E-12	1.56E-04	4.17E-07	2.97E-07	4.57E-06	2.85E-06	1.70E-05	2.70E-07	6.14E-06	8.40E-04	7.77E-05	1.00E-03
1266	SR_305	Sensitive Receptor	Residential	Offsite	377.348	6366.669	3.08E-03	6.48E-03	8.94E-02	4.90E-03	1.68E-06	5.66E-03	9.90E-04	3.09E-04	6.04E-12	1.61E-04	4.29E-07	3.06E-07	4.70E-06	2.94E-06	1.75E-05	2.78E-07	6.32E-06	8.64E-04	7.99E-05	1.03E-03
1267	SR_306	Sensitive Receptor	Residential	Offsite	377.354	6366.640	3.15E-03	6.64E-03	9.17E-02	5.02E-03	1.72E-06	5.76E-03	1.02E-03	3.17E-04	6.20E-12	1.65E-04	4.40E-07	3.14E-07	4.82E-06	3.01E-06	1.80E-05	2.85E-07	6.48E-06	8.86E-04	8.19E-05	1.06E-03
1268	SR_307	Sensitive Receptor	Residential	Offsite	377.357	6366.612	3.23E-03	6.80E-03	9.38E-02	5.13E-03	1.76E-06	5.85E-03	1.04E-03	3.24E-04	6.34E-12	1.69E-04	4.50E-07	3.22E-07	4.93E-06	3.08E-06	1.84E-05	2.92E-07	6.63E-06	9.07E-04	8.39E-05	1.08E-03
1269	SR_308	Sensitive Receptor	Residential	Offsite	377.359	6366.584	3.30E-03	6.95E-03	9.59E-02	5.23E-03	1.80E-06	5.94E-03	1.06E-03	3.31E-04	6.48E-12	1.72E-04	4.61E-07	3.29E-07	5.04E-06	3.15E-06	1.88E-05	2.98E-07	6.78E-06	9.27E-04	8.57E-05	1.10E-03
1270	SR_309	Sensitive Receptor	Residential	Offsite	377.356	6366.526	3.40E-03	7.15E-03	9.87E-02	5.37E-03	1.86E-06	6.01E-03	1.09E-03	3.41E-04	6.67E-12	1.77E-04	4.74E-07	3.40E-07	5.19E-06	3.24E-06	1.93E-05	3.07E-07	6.98E-06	9.54E-04	8.82E-05	1.14E-03
1271	SR_310	Sensitive Receptor	Residential	Offsite	377.355	6366.500	3.43E-03	7.22E-03	9.96E-02	5.41E-03	1.87E-06	6.02E-03	1.10E-03	3.44E-04	6.74E-12	1.79E-04	4.79E-07	3.43E-07	5.24E-06	3.27E-06	1.95E-05	3.10E-07	7.04E-06	9.63E-04	8.91E-05	1.15E-03
1272	SR_311	Sensitive Receptor	Residential	Offsite	377.355	6366.474	3.45E-03	7.28E-03	1.00E-01	5.44E-03	1.89E-06	6.01E-03	1.11E-03	3.47E-04	6.79E-12	1.80E-04	4.83E-07	3.46E-07	5.28E-06	3.30E-06	1.97E-05	3.12E-07	7.10E-06	9.71E-04	8.98E-05	1.16E-03
1273	SR_312	Sensitive Receptor	Residential	Offsite	377.353	6366.444	3.47E-03	7.31E-03	1.01E-01	5.45E-03	1.90E-06	5.98E-03	1.12E-03	3.49E-04	6.82E-12	1.81E-04	4.85E-07	3.48E-07	5.31E-06	3.32E-06	1.98E-05	3.14E-07	7.13E-06	9.75E-04	9.02E-05	1.16E-03
1274	SR_313	Sensitive Receptor	Residential	Offsite	377.352	6366.418	3.48E-03	7.33E-03	1.01E-01	5.44E-03	1.90E-06	5.94E-03	1.12E-03	3.49E-04	6.83E-12	1.82E-04	4.86E-07	3.49E-07	5.32E-06	3.32E-06	1.98E-05	3.14E-07	7.14E-06	9.77E-04	9.04E-05	1.16E-03
1275	SR_314	Sensitive Receptor	Residential	Offsite	377.352	6366.392	3.48E-03	7.33E-03	1.01E-01	5.43E-03	1.90E-06	5.90E-03	1.12E-03	3.50E-04	6.84E-12	1.82E-04	4.87E-07	3.49E-07	5.32E-06	3.33E-06	1.98E-05	3.15E-07	7.15E-06	9.78E-04	9.05E-05	1.17E-03
1276	SR_315	Sensitive Receptor	Residential	Offsite	377.352	6366.361	3.48E-03	7.33E-03	1.01E-01	5.41E-03	1.90E-06	5.85E-03	1.12E-03	3.50E-04	6.84E-12	1.82E-04	4.87E-07	3.50E-07	5.32E-06	3.33E-06	1.98E-05	3.15E-07	7.15E-06	9.78E-04	9.04E-05	1.17E-03
1277	SR_316	Sensitive Receptor	Residential	Offsite	377.355	6366.225	3.47E-03	7.30E-03	1.01E-01	5.35E-03	1.90E-06	5.68E-03	1.12E-03	3.48E-04	6.81E-12	1.81E-04	4.85E-07	3.49E-07	5.30E-06	3.31E-06	1.97E-05	3.13E-07	7.12E-06	9.74E-04	9.01E-05	1.16E-03
1278	SR_317	Sensitive Receptor	Residential	Offsite	377.357	6366.199	3.46E-03	7.29E-03	1.01E-01	5.34E-03	1.89E-06	5.64E-03	1.11E-03	3.47E-04	6.79E-12	1.81E-04	4.84E-07	3.48E-07	5.29E-06	3.31E-06	1.97E-05	3.13E-07	7.10E-06	9.71E-04	8.98E-05	1.16E-03
1279	SR_318	Sensitive Receptor	Residential	Offsite	377.358	6366.114	3.37E-03	7.10E-03	9.81E-02	5.19E-03	1.84E-06	5.44E-03	1.09E-03	3.39E-04	6.63E-12	1.76E-04	4.72E-07	3.40E-07	5.16E-06	3.22E-06	1.92E-05	3.05E-07	6.93E-06	9.47E-04	8.76E-05	1.13E-03
1280	SR_319	Sensitive Receptor	Residential	Offsite	377.359	6366.086	3.34E-03	7.04E-03	9.72E-02	5.15E-03	1.83E-06	5.38E-03	1.08E-03	3.35E-04	6.56E-12	1.75E-04	4.68E-07	3.37E-07	5.11E-06	3.19E-06	1.90E-05	3.02E-07	6.86E-06	9.38E-04	8.68E-05	1.12E-03
1281	SR_320	Sensitive Receptor	Residential	Offsite	377.415	6366.112	3.47E-03	7.31E-03	1.01E-01	5.34E-03	1.90E-06	5.64E-03	1.12E-03	3.48E-04	6.82E-12	1.81E-04	4.86E-07	3.50E-07	5.31E-06	3.32E-06	1.98E-05	3.14E-07	7.13E-06	9.75E-04	9.02E-05	1.16E-03
1282	SR_321	Sensitive Receptor	Residential	Offsite	377.424	6366.069	3.41E-03	7.19E-03	9.93E-02	5.26E-03	1.87E-06	5.53E-03	1.10E-03	3.43E-04	6.71E-12	1.78E-04	4.78E-07	3.44E-07	5.22E-06	3.26E-06	1.94E-05	3.09E-07	7.01E-06	9.59E-04	8.87E-05	1.14E-03
1283	SR_322	Sensitive Receptor	Residential	Offsite	377.490	6365.297	1.87E-03	3.95E-03	5.48E-02	2.98E-03	1.03E-06	2.90E-03	6.03E-04	1.88E-04	3.68E-12	9.79E-05	2.63E-07	1.90E-07	2.87E-06	1.79E-06	1.07E-05	1.69E-07	3.85E-06	5.26E-04	4.87E-05	6.27E-04
1284	SR_323	Sensitive Receptor	Residential	Offsite	377.501	6365.274	1.84E-03	3.87E-03	5.37E-02	2.92E-03	1.00E-06	2.83E-03	5.91E-04	1.84E-04	3.61E-12	9.59E-05	2.58E-07	1.86E-07	2.81E-06	1.76E-06	1.05E-05	1.66E-07	3.77E-06	5.16E-04	4.77E-05	6.15E-04
1285	SR_324	Sensitive Receptor	Residential	Offsite	377.517	6365.248	1.79E-03	3.78E-03	5.25E-02	2.86E-03	9.82E-07	2.77E-03	5.78E-04	1.80E-04	3.53E-12	9.38E-05	2.52E-07	1.82E-07	2.74E-06	1.72E-06	1.02E-05	1.62E-07	3.69E-06	5.04E-04	4.66E-05	6.01E-04
1286	SR_325	Sensitive Receptor	Residential	Offsite	377.545	6365.208	1.74E-03	3.67E-03	5.10E-02	2.77E-03	9.53E-07	2.69E-03	5.61E-04	1.75E-04	3.42E-12	9.10E-05	2.44E-07	1.76E-07	2.66E-06	1.67E-06	9.92E-06	1.58E-07	3.58E-06	4.89E-04	4.53E-05	5.83E-04
1287	SR_326	Sensitive Receptor	Residential	Offsite	377.560	6365.175	1.69E-03	3.57E-03	4.96E-02	2.70E-03	9.28E-07	2.61E-03	5.46E-04	1.70E-04	3.33E-12	8.86E-05	2.38E-07	1.72E-07	2.59E-06	1.62E-06	9.66E-06	1.53E-07	3.48E-06	4.76E-04	4.40E-05	5.68E-04
1288	SR_327	Sensitive Receptor	Residential	Offsite	377.551	6365.143	1.65E-03	3.47E-03	4.82E-02	2.62E-03	9.01E-07	2.52E-03	5.30E-04	1.65E-04	3.23E-12	8.60E-05	2.31E-07	1.67E-07	2.52E-06	1.57E-06	9.38E-06	1.49E-07	3.38E-06	4.62E-04	4.28E-05	5.51E-04
1289	SR_328	Sensitive Receptor	Residential	Offsite	377.584	6365.158	1.68E-03	3.54E-03	4.92E-02	2.68E-03	9.20E-07	2.59E-03	5.41E-04	1.69E-04	3.30E-12	8.78E-05	2.36E-07	1.70E-07	2.57E-06	1.61E-06	9.57E-06	1.52E-07	3.45E-06	4.72E-04	4.36E-05	5.62E-04
1290	SR_329	Sensitive Receptor	Residential	Offsite	377.571	6365.096	1.59E-03	3.35E-03	4.66E-02	2.54E-03	8.71E-07	2.43E-03	5.12E-04	1.60E-04	3.13E-12	8.31E-05	2.23E-07	1.61E-07	2.43E-06	1.52E-06	9.07E-06	1.44E-07	3.27E-06	4.47E-04	4.13E-05	5.33E-04
1291	SR_330	Sensitive Receptor	Residential	Offsite	377.612	6365.109	1.65E-03	3.47E-03	4.82E-02	2.64E-03	9.02E-07	2.55E-03	5.30E-04	1.65E-04	3.24E-12	8.61E-05	2.31E-07	1.67E-07	2.52E-06	1.58E-06	9.39E-06	1.49E-07	3.38E-06	4.63E-04	4.28E-05	5.52E-04
1292	SR_331	Sensitive Receptor	Residential	Offsite	377.578	6365.066	1.56E-03	3.29E-03	4.57E-02	2.49E-03	8.54E-07	2.37E-03	5.02E-04	1.57E-04	3.06E-12	8.15E-05	2.19E-07	1.58E-07	2.39E-06	1.49E-06	8.88E-06	1.41E-07	3.20E-06	4.38E-04	4.05E-05	5.22E-04
1293	SR_332	Sensitive Receptor	Residential	Offsite	377.621	6365.086	1.62E-03	3.42E-03	4.75E-02	2.60E-03	8.87E-07	2.51E-03	5.22E-04	1.63E-04	3.19E-12	8.47E-05	2.27E-07	1.64E-07	2.48E-06	1.55E-06	9.24E-06	1.47E-07	3.33E-06	4.55E-04	4.21E-05	5.43E-04
1294	SR_333	Sensitive Receptor	Residential	Offsite	377.604	6365.014	1.51E-03	3.17E-03	4.42E-02	2.41E-03	8.24E-07	2.29E-03	4.85E-04	1.51E-04	2.96E-12	7.87E-05	2.11E-07	1.52E-07	2.30E-06	1.44E-06	8.58E-06	1.36E-07	3.09E-06	4.23E-04	3.91E-05	5.04E-04
1295	SR_334	Sensitive Receptor	Residential	Offsite	377.637	6365.025	1.53E-03	3.24E-03	4.50E-02	2.46E-03	8.40E-07	2.36E-03	4.94E-04	1.54E-04	3.02E-12	8.02E-05	2.15E-07	1.55E-07	2.35E-06	1.47E-06	8.75E-06	1.39E-07	3.15E-06	4.31E-04	3.99E-05	5.14E-04
1296	SR_335	Sensitive Receptor	Residential	Offsite	377.670	6365.038	1.56E-03	3.30E-03	4.59E-02	2.52E-03	8.57E-07	2.43E-03	5.04E-04	1.57E-04	3.08E-12	8.18E-05	2.20E-07	1.58E-07	2.39E-06	1.50E-06	8.92E-06	1.42E-07	3.21E-06	4.40E-04	4.07E-05	5.24E-04
1297	SR_336	Sensitive Receptor	Residential	Offsite	377.685	6364.995	1.48E-03	3.12E-03	4.34E-02	2.37E-03	8.10E-07	2.27E-03	4.77E-04	1.49E-04	2.91E-12	7.73E-05	2.08E-07	1.50E-07	2.26E-06	1.42E-06	8.43E-06	1.34E-07	3.04E-06	4.16E-04	3.85E-05	4.96E-04
1298	SR_337	Sensitive Receptor	Residential	Offsite	377.707	6364.724	1.14E-03	2.41E-03	3.37E-02	1.83E-03	6.26E-07	1.66E-03	3.68E-04	1.15E-04	2.25E-12	5.98E-05	1.60E-07	1.16E-07	1.75E-06	1.09E-06	6.52E-06	1.03E-07	2.35E-06	3.21E-04	2.97E-05	3.83E-04
1299	SR_338	Sensitive Receptor	Residential	Offsite	377.738	6364.735	1.15E-03	2.43E-03	3.39E-02	1.84E-03	6.29E-07	1.68E-03	3.70E-04	1.15E-04	2.26E-12	6.01E-05	1.61E-07	1.16E-07	1.76E-06	1.10E-06	6.55E-06	1.04E-07	2.36E-06	3.23E-04	2.99E-05	3.85E-04
1300	SR_339	Sensitive Receptor	Residential	Offsite	377.769	6364.749	1.16E-03	2.44E-03	3.41E-02	1.86E-03	6.34E-07	1.70E-03	3.73E-04	1.16E-04	2.28E-12	6.05E-05	1.62E-07	1.17E-07	1.77E-06	1.11E-06	6.60E-06	1.05E-07	2.38E-06	3.25E-04	3.01E-05	3.88E-04
1301	SR_340	Sensitive Receptor	Residential	Offsite	377.799	6364.758	1.16E-03	2.45E-03	3.42E-02	1.86E-03	6.36E-07	1.72E-03	3.74E-04	1.17E-04	2.28E-12	6.07E-05	1.63E-07	1.17E-07	1.78E-06	1.11E-06	6.62E-06	1.05E-07	2.39E-06	3.26E-04	3.02E-05	3.89E-04
1302	SR_341	Sensitive Receptor	Residential	Offsite	377.830	6364.769	1.17E-03	2.46E-03	3.43E-02	1.87E-03	6.38E-07	1.73E-03	3.76E-04	1.17E-04	2.29E-12	6.10E-05	1.64E-07	1.18E-07	1.78E-06	1.12E-06	6.65E-06	1.06E-07	2.40E-06	3.28E-04	3.03E-05	3.91E-04
1303	SR_342	Sensitive Receptor	Residential	Offsite	377.857	6364.784	1.18E-03	2.48E-03	3.46E-02	1.89E-03	6.44E-07	1.76E-03	3.79E-04	1.18E-04	2.31E-12	6.15E-05	1.65E-07	1.19E-07	1.80E-06	1.13E-06	6.71E-06	1.06E-07	2.42E-06	3.31E-04	3.06E-05	3.94E-04
1304	SR_343	Sensitive Receptor	Residential	Offsite	380.055	6370.517	1.46E-03	3.08E-03	4.33E-02	2.42E-03	7.93E-07	2.35E-03	4.70E-04	1.47E-04	2.87E-12	7.61E-05	2.01E-07	1.41E-07	2.23E-06	1.39E-06	8.31E-06	1.32E-07	3.00E-06	4.10E-04	3.79E-05	4.89E-04

AQIA DATA - SCENARIO 1 RESIDENTIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**3.14E-08**	**5.73E-08**	**2.32E-07**	**2.04E-09**	**1.70E-11**	**1.03E-06**	**1.01E-08**	**3.14E-09**	**6.14E-17**	**1.63E-09**	**4.33E-12**	**3.05E-12**	**4.77E-11**	**2.97E-11**	**1.78E-10**	**2.82E-12**	**6.42E-11**	**8.77E-09**	**8.12E-10**	**1.05E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**SR_271**	**SR_271**	**SR_271**	**SR_271**	**SR_271**	**SR_299**	**SR_271**	**SR_271**	**SR_271**	**SR_271**	**SR_271**	**SR_271**	**SR_271**	**SR_271**	**SR_271**	**SR_271**	**SR_271**	**SR_271**	**SR_271**	**SR_271**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**378.837**	**378.837**	**378.837**	**378.837**	**378.837**	**379.929**	**378.837**	**378.837**	**378.837**	**378.837**	**378.837**	**378.837**	**378.837**	**378.837**	**378.837**	**378.837**	**378.837**	**378.837**	**378.837**	**378.837**
						Y	**6368.740**	**6368.740**	**6368.740**	**6368.740**	**6368.740**	**6366.674**	**6368.740**	**6368.740**	**6368.740**	**6368.740**	**6368.740**	**6368.740**	**6368.740**	**6368.740**	**6368.740**	**6368.740**	**6368.740**	**6368.740**	**6368.740**	**6368.740**
1232	SR_271	Sensitive Receptor	Residential	Offsite	378.837	6368.740	3.14E-08	5.73E-08	2.32E-07	2.04E-09	1.70E-11	9.14E-07	1.01E-08	3.14E-09	6.14E-17	1.63E-09	4.33E-12	3.05E-12	4.77E-11	2.97E-11	1.78E-10	2.82E-12	6.42E-11	8.77E-09	8.12E-10	1.05E-08
1233	SR_272	Sensitive Receptor	Residential	Offsite	378.134	6368.193	1.03E-08	1.87E-08	6.91E-08	1.10E-09	5.58E-12	6.38E-07	3.30E-09	1.03E-09	2.01E-17	5.35E-10	1.42E-12	9.99E-13	1.57E-11	9.76E-12	5.84E-11	9.25E-13	2.11E-11	2.88E-09	2.66E-10	3.43E-09
1234	SR_273	Sensitive Receptor	Residential	Offsite	378.115	6367.996	8.48E-09	1.56E-08	5.63E-08	1.13E-09	4.58E-12	6.66E-07	2.71E-09	8.44E-10	1.65E-17	4.39E-10	1.16E-12	8.20E-13	1.28E-11	8.00E-12	4.79E-11	7.59E-13	1.73E-11	2.36E-09	2.19E-10	2.81E-09
1235	SR_274	Sensitive Receptor	Residential	Offsite	378.143	6367.950	8.31E-09	1.54E-08	5.51E-08	1.19E-09	4.48E-12	6.96E-07	2.65E-09	8.27E-10	1.62E-17	4.30E-10	1.14E-12	8.03E-13	1.26E-11	7.84E-12	4.69E-11	7.43E-13	1.69E-11	2.31E-09	2.14E-10	2.76E-09
1236	SR_275	Sensitive Receptor	Residential	Offsite	378.169	6367.907	8.20E-09	1.52E-08	5.44E-08	1.25E-09	4.42E-12	7.25E-07	2.62E-09	8.16E-10	1.60E-17	4.24E-10	1.13E-12	7.92E-13	1.24E-11	7.74E-12	4.63E-11	7.33E-13	1.67E-11	2.28E-09	2.11E-10	2.72E-09
1237	SR_276	Sensitive Receptor	Residential	Offsite	378.185	6367.877	8.15E-09	1.52E-08	5.42E-08	1.30E-09	4.40E-12	7.47E-07	2.60E-09	8.12E-10	1.59E-17	4.22E-10	1.12E-12	7.88E-13	1.24E-11	7.69E-12	4.61E-11	7.29E-13	1.66E-11	2.27E-09	2.10E-10	2.71E-09
1238	SR_277	Sensitive Receptor	Residential	Offsite	378.200	6367.850	8.12E-09	1.52E-08	5.41E-08	1.33E-09	4.38E-12	7.65E-07	2.59E-09	8.08E-10	1.58E-17	4.20E-10	1.11E-12	7.84E-13	1.23E-11	7.66E-12	4.58E-11	7.26E-13	1.66E-11	2.26E-09	2.09E-10	2.69E-09
1239	SR_278	Sensitive Receptor	Residential	Offsite	378.097	6367.941	8.06E-09	1.49E-08	5.36E-08	1.11E-09	4.34E-12	6.65E-07	2.57E-09	8.02E-10	1.57E-17	4.16E-10	1.11E-12	7.78E-13	1.22E-11	7.60E-12	4.55E-11	7.20E-13	1.64E-11	2.24E-09	2.07E-10	2.67E-09
1240	SR_279	Sensitive Receptor	Residential	Offsite	378.081	6367.889	7.70E-09	1.42E-08	5.14E-08	1.09E-09	4.15E-12	6.59E-07	2.45E-09	7.65E-10	1.50E-17	3.98E-10	1.05E-12	7.43E-13	1.16E-11	7.25E-12	4.34E-11	6.87E-13	1.57E-11	2.14E-09	1.98E-10	2.55E-09
1241	SR_280	Sensitive Receptor	Residential	Offsite	378.069	6367.843	7.41E-09	1.37E-08	4.95E-08	1.08E-09	3.98E-12	6.50E-07	2.36E-09	7.35E-10	1.44E-17	3.82E-10	1.01E-12	7.14E-13	1.12E-11	6.97E-12	4.17E-11	6.60E-13	1.51E-11	2.06E-09	1.90E-10	2.45E-09
1242	SR_281	Sensitive Receptor	Residential	Offsite	378.056	6367.797	7.17E-09	1.33E-08	4.80E-08	1.06E-09	3.85E-12	6.45E-07	2.28E-09	7.10E-10	1.39E-17	3.69E-10	9.80E-13	6.90E-13	1.08E-11	6.73E-12	4.03E-11	6.38E-13	1.45E-11	1.99E-09	1.84E-10	2.37E-09
1243	SR_282	Sensitive Receptor	Residential	Offsite	378.122	6367.917	8.03E-09	1.49E-08	5.34E-08	1.16E-09	4.33E-12	6.86E-07	2.56E-09	7.99E-10	1.56E-17	4.15E-10	1.10E-12	7.76E-13	1.22E-11	7.57E-12	4.53E-11	7.18E-13	1.64E-11	2.23E-09	2.07E-10	2.66E-09
1244	SR_283	Sensitive Receptor	Residential	Offsite	378.110	6367.883	7.79E-09	1.44E-08	5.19E-08	1.15E-09	4.20E-12	6.80E-07	2.48E-09	7.74E-10	1.51E-17	4.02E-10	1.07E-12	7.52E-13	1.18E-11	7.34E-12	4.39E-11	6.96E-13	1.59E-11	2.17E-09	2.00E-10	2.58E-09
1245	SR_284	Sensitive Receptor	Residential	Offsite	378.098	6367.845	7.55E-09	1.40E-08	5.04E-08	1.12E-09	4.06E-12	6.71E-07	2.40E-09	7.49E-10	1.47E-17	3.89E-10	1.03E-12	7.28E-13	1.14E-11	7.10E-12	4.25E-11	6.73E-13	1.53E-11	2.10E-09	1.94E-10	2.50E-09
1246	SR_285	Sensitive Receptor	Residential	Offsite	378.087	6367.803	7.33E-09	1.36E-08	4.91E-08	1.11E-09	3.94E-12	6.67E-07	2.33E-09	7.27E-10	1.42E-17	3.78E-10	1.00E-12	7.06E-13	1.11E-11	6.89E-12	4.12E-11	6.53E-13	1.49E-11	2.03E-09	1.88E-10	2.42E-09
1247	SR_286	Sensitive Receptor	Residential	Offsite	378.145	6367.872	7.91E-09	1.47E-08	5.27E-08	1.21E-09	4.27E-12	7.10E-07	2.52E-09	7.87E-10	1.54E-17	4.09E-10	1.08E-12	7.64E-13	1.20E-11	7.46E-12	4.46E-11	7.07E-13	1.61E-11	2.20E-09	2.04E-10	2.62E-09
1248	SR_287	Sensitive Receptor	Residential	Offsite	378.132	6367.836	7.69E-09	1.43E-08	5.13E-08	1.19E-09	4.14E-12	7.03E-07	2.45E-09	7.64E-10	1.49E-17	3.97E-10	1.05E-12	7.42E-13	1.16E-11	7.24E-12	4.33E-11	6.86E-13	1.56E-11	2.14E-09	1.98E-10	2.55E-09
1249	SR_288	Sensitive Receptor	Residential	Offsite	378.122	6367.798	7.51E-09	1.40E-08	5.03E-08	1.18E-09	4.04E-12	7.02E-07	2.39E-09	7.46E-10	1.46E-17	3.87E-10	1.03E-12	7.24E-13	1.13E-11	7.07E-12	4.23E-11	6.70E-13	1.53E-11	2.09E-09	1.93E-10	2.49E-09
1250	SR_289	Sensitive Receptor	Residential	Offsite	378.165	6367.846	7.91E-09	1.48E-08	5.28E-08	1.26E-09	4.27E-12	7.33E-07	2.52E-09	7.87E-10	1.54E-17	4.09E-10	1.09E-12	7.64E-13	1.20E-11	7.46E-12	4.46E-11	7.07E-13	1.61E-11	2.20E-09	2.04E-10	2.62E-09
1251	SR_290	Sensitive Receptor	Residential	Offsite	378.155	6367.814	7.73E-09	1.44E-08	5.17E-08	1.24E-09	4.16E-12	7.27E-07	2.46E-09	7.68E-10	1.50E-17	3.99E-10	1.06E-12	7.46E-13	1.17E-11	7.28E-12	4.36E-11	6.90E-13	1.57E-11	2.15E-09	1.99E-10	2.56E-09
1252	SR_291	Sensitive Receptor	Residential	Offsite	378.145	6367.779	7.57E-09	1.42E-08	5.08E-08	1.22E-09	4.08E-12	7.25E-07	2.41E-09	7.52E-10	1.47E-17	3.91E-10	1.04E-12	7.30E-13	1.14E-11	7.13E-12	4.27E-11	6.76E-13	1.54E-11	2.10E-09	1.95E-10	2.51E-09
1253	SR_292	Sensitive Receptor	Residential	Offsite	378.131	6367.743	7.41E-09	1.39E-08	4.98E-08	1.20E-09	3.98E-12	7.17E-07	2.35E-09	7.35E-10	1.44E-17	3.82E-10	1.01E-12	7.13E-13	1.12E-11	6.96E-12	4.17E-11	6.60E-13	1.50E-11	2.05E-09	1.90E-10	2.45E-09
1254	SR_293	Sensitive Receptor	Residential	Offsite	378.180	6367.783	7.77E-09	1.46E-08	5.21E-08	1.30E-09	4.19E-12	7.55E-07	2.48E-09	7.73E-10	1.51E-17	4.02E-10	1.07E-12	7.50E-13	1.18E-11	7.32E-12	4.38E-11	6.94E-13	1.58E-11	2.16E-09	2.00E-10	2.58E-09
1255	SR_294	Sensitive Receptor	Residential	Offsite	378.169	6367.748	7.61E-09	1.43E-08	5.11E-08	1.27E-09	4.10E-12	7.47E-07	2.42E-09	7.56E-10	1.48E-17	3.93E-10	1.04E-12	7.33E-13	1.15E-11	7.16E-12	4.29E-11	6.79E-13	1.55E-11	2.11E-09	1.96E-10	2.52E-09
1256	SR_295	Sensitive Receptor	Residential	Offsite	378.204	6367.755	7.84E-09	1.48E-08	5.27E-08	1.35E-09	4.23E-12	7.83E-07	2.50E-09	7.80E-10	1.53E-17	4.05E-10	1.07E-12	7.57E-13	1.19E-11	7.39E-12	4.42E-11	7.00E-13	1.60E-11	2.18E-09	2.02E-10	2.60E-09
1257	SR_296	Sensitive Receptor	Residential	Offsite	378.195	6367.730	7.71E-09	1.45E-08	5.18E-08	1.33E-09	4.15E-12	7.72E-07	2.46E-09	7.66E-10	1.50E-17	3.98E-10	1.06E-12	7.44E-13	1.17E-11	7.26E-12	4.35E-11	6.88E-13	1.57E-11	2.14E-09	1.98E-10	2.55E-09
1258	SR_297	Sensitive Receptor	Residential	Offsite	378.221	6367.722	7.87E-09	1.48E-08	5.30E-08	1.38E-09	4.24E-12	8.02E-07	2.51E-09	7.82E-10	1.53E-17	4.06E-10	1.08E-12	7.59E-13	1.19E-11	7.41E-12	4.44E-11	7.03E-13	1.60E-11	2.19E-09	2.02E-10	2.61E-09
1260	SR_299	Sensitive Receptor	Residential	Offsite	379.929	6366.674	1.04E-08	1.98E-08	8.10E-08	9.50E-10	5.51E-12	1.03E-06	3.26E-09	1.02E-09	1.99E-17	5.29E-10	1.39E-12	9.71E-13	1.55E-11	9.63E-12	5.78E-11	9.13E-13	2.09E-11	2.85E-09	2.64E-10	3.39E-09
1262	SR_301	Sensitive Receptor	Residential	Offsite	379.914	6366.612	8.80E-09	1.62E-08	6.61E-08	7.58E-10	4.55E-12	8.44E-07	2.69E-09	8.41E-10	1.64E-17	4.36E-10	1.15E-12	8.02E-13	1.28E-11	7.95E-12	4.77E-11	7.54E-13	1.72E-11	2.35E-09	2.18E-10	2.80E-09
1263	SR_302	Sensitive Receptor	Residential	Offsite	379.954	6366.593	8.82E-09	1.62E-08	6.63E-08	7.67E-10	4.55E-12	8.36E-07	2.69E-09	8.41E-10	1.65E-17	4.37E-10	1.15E-12	8.02E-13	1.28E-11	7.95E-12	4.77E-11	7.54E-13	1.72E-11	2.35E-09	2.18E-10	2.80E-09
1264	SR_303	Sensitive Receptor	Residential	Offsite	377.335	6366.729	4.36E-09	5.40E-09	2.05E-08	4.89E-10	1.75E-12	3.28E-07	1.03E-09	3.23E-10	6.31E-18	1.68E-10	4.47E-13	3.18E-13	4.91E-12	3.06E-12	1.83E-11	2.90E-13	6.61E-12	9.03E-10	8.35E-11	1.08E-09
1265	SR_304	Sensitive Receptor	Residential	Offsite	377.341	6366.701	4.42E-09	5.47E-09	2.08E-08	4.94E-10	1.77E-12	3.31E-07	1.05E-09	3.26E-10	6.39E-18	1.70E-10	4.53E-13	3.22E-13	4.97E-12	3.10E-12	1.85E-11	2.94E-13	6.68E-12	9.13E-10	8.45E-11	1.09E-09
1266	SR_305	Sensitive Receptor	Residential	Offsite	377.348	6366.669	4.51E-09	5.57E-09	2.12E-08	5.02E-10	1.81E-12	3.36E-07	1.07E-09	3.33E-10	6.51E-18	1.73E-10	4.61E-13	3.28E-13	5.06E-12	3.16E-12	1.89E-11	2.99E-13	6.81E-12	9.30E-10	8.60E-11	1.11E-09
1267	SR_306	Sensitive Receptor	Residential	Offsite	377.354	6366.640	4.59E-09	5.67E-09	2.16E-08	5.08E-10	1.84E-12	3.41E-07	1.08E-09	3.38E-10	6.62E-18	1.76E-10	4.69E-13	3.34E-13	5.15E-12	3.21E-12	1.92E-11	3.04E-13	6.92E-12	9.46E-10	8.75E-11	1.13E-09
1268	SR_307	Sensitive Receptor	Residential	Offsite	377.357	6366.612	4.65E-09	5.79E-09	2.21E-08	5.14E-10	1.87E-12	3.46E-07	1.10E-09	3.44E-10	6.73E-18	1.79E-10	4.77E-13	3.40E-13	5.23E-12	3.27E-12	1.95E-11	3.09E-13	7.04E-12	9.62E-10	8.90E-11	1.15E-09
1269	SR_308	Sensitive Receptor	Residential	Offsite	377.359	6366.584	4.70E-09	5.91E-09	2.26E-08	5.20E-10	1.90E-12	3.51E-07	1.12E-09	3.49E-10	6.83E-18	1.82E-10	4.85E-13	3.46E-13	5.32E-12	3.32E-12	1.98E-11	3.14E-13	7.15E-12	9.77E-10	9.04E-11	1.16E-09
1270	SR_309	Sensitive Receptor	Residential	Offsite	377.356	6366.526	4.71E-09	6.16E-09	2.37E-08	5.25E-10	1.94E-12	3.54E-07	1.15E-09	3.57E-10	6.99E-18	1.86E-10	4.97E-13	3.54E-13	5.44E-12	3.40E-12	2.03E-11	3.22E-13	7.32E-12	1.00E-09	9.25E-11	1.19E-09
1271	SR_310	Sensitive Receptor	Residential	Offsite	377.355	6366.500	4.70E-09	6.26E-09	2.41E-08	5.25E-10	1.96E-12	3.55E-07	1.15E-09	3.60E-10	7.05E-18	1.87E-10	5.01E-13	3.57E-13	5.48E-12	3.42E-12	2.04E-11	3.24E-13	7.37E-12	1.01E-09	9.32E-11	1.20E-09
1272	SR_311	Sensitive Receptor	Residential	Offsite	377.355	6366.474	4.68E-09	6.34E-09	2.45E-08	5.24E-10	1.97E-12	3.54E-07	1.16E-09	3.62E-10	7.09E-18	1.88E-10	5.04E-13	3.60E-13	5.52E-12	3.44E-12	2.06E-11	3.26E-13	7.41E-12	1.01E-09	9.38E-11	1.21E-09
1273	SR_312	Sensitive Receptor	Residential	Offsite	377.353	6366.444	4.63E-09	6.43E-09	2.49E-08	5.21E-10	1.98E-12	3.52E-07	1.17E-09	3.64E-10	7.12E-18	1.89E-10	5.06E-13	3.61E-13	5.54E-12	3.46E-12	2.06E-11	3.27E-13	7.45E-12	1.02E-09	9.42E-11	1.21E-09
1274	SR_313	Sensitive Receptor	Residential	Offsite	377.352	6366.418	4.58E-09	6.50E-09	2.53E-08	5.17E-10	1.98E-12	3.49E-07	1.17E-09	3.65E-10	7.13E-18	1.90E-10	5.07E-13	3.62E-13	5.55E-12	3.47E-12	2.07E-11	3.28E-13	7.46E-12	1.02E-09	9.43E-11	1.22E-09
1275	SR_314	Sensitive Receptor	Residential	Offsite	377.352	6366.392	4.53E-09	6.55E-09	2.55E-08	5.12E-10	1.98E-12	3.46E-07	1.17E-09	3.65E-10	7.14E-18	1.90E-10	5.07E-13	3.63E-13	5.55E-12	3.47E-12	2.07E-11	3.28E-13	7.46E-12	1.02E-09	9.44E-11	1.22E-09
1276	SR_315	Sensitive Receptor	Residential	Offsite	377.352	6366.361	4.47E-09	6.60E-09	2.58E-08	5.05E-10	1.98E-12	3.42E-07	1.17E-09	3.65E-10	7.14E-18	1.90E-10	5.07E-13	3.63E-13	5.55E-12	3.47E-12	2.07E-11	3.28E-13	7.46E-12	1.02E-09	9.44E-11	1.22E-09
1277	SR_316	Sensitive Receptor	Residential	Offsite	377.355	6366.225	4.20E-09	6.77E-09	2.69E-08	4.70E-10	1.97E-12	3.30E-07	1.16E-09	3.62E-10	7.09E-18	1.88E-10	5.04E-13	3.61E-13	5.52E-12	3.45E-12	2.06E-11	3.26E-13	7.41E-12	1.01E-09	9.37E-11	1.21E-09
1278	SR_317	Sensitive Receptor	Residential	Offsite	377.357	6366.199	4.16E-09	6.77E-09	2.70E-08	4.62E-10	1.96E-12	3.27E-07	1.16E-09	3.61E-10	7.06E-18	1.88E-10	5.02E-13	3.60E-13	5.50E-12	3.43E-12	2.05E-11	3.25E-13	7.38E-12	1.01E-09	9.34E-11	1.20E-09
1279	SR_318	Sensitive Receptor	Residential	Offsite	377.358	6366.114	3.98E-09	6.66E-09	2.68E-08	4.30E-10	1.91E-12	3.14E-07	1.13E-09	3.52E-10	6.88E-18	1.83E-10	4.90E-13	3.51E-13	5.35E-12	3.34E-12	1.99E-11	3.16E-13	7.19E-12	9.84E-10	9.10E-11	1.17E-09
1280	SR_319	Sensitive Receptor	Residential	Offsite	377.359	6366.086	3.93E-09	6.59E-09	2.67E-08	4.20E-10	1.89E-12	3.10E-07	1.12E-09	3.48E-10	6.81E-18	1.81E-10	4.85E-13	3.47E-13	5.30E-12	3.31E-12	1.97E-11	3.13E-13	7.12E-12	9.74E-10	9.00E-11	1.16E-09
1281	SR_320	Sensitive Receptor	Residential	Offsite	377.415	6366.112	4.10E-09	6.66E-09	2.70E-08	4.27E-10	1.93E-12	3.25E-07	1.14E-09	3.55E-10	6.95E-18	1.85E-10	4.95E-13	3.54E-13	5.41E-12	3.38E-12	2.02E-11	3.20E-13	7.27E-12	9.94E-10	9.19E-11	1.18E-09
1282	SR_321	Sensitive Receptor	Residential	Offsite	377.424	6366.069	4.00E-09	6.54E-09	2.67E-08	4.08E-10	1.90E-12	3.17E-07	1.12E-09	3.48E-10	6.82E-18	1.81E-10	4.85E-13	3.48E-13	5.30E-12	3.31E-12	1.98E-11	3.13E-13	7.13E-12	9.74E-10	9.01E-11	1.16E-09
1283	SR_322	Sensitive Receptor	Residential	Offsite	377.490	6365.297	2.11E-09	3.69E-09	1.60E-08	1.83E-10	1.06E-12	1.64E-07	6.23E-10	1.94E-10	3.80E-18	1.01E-10	2.70E-13	1.94E-13	2.96E-12	1.85E-12	1.10E-11	1.75E-13	3.97E-12	5.43E-10	5.03E-11	6.48E-10
1284	SR_323	Sensitive Receptor	Residential	Offsite	377.501	6365.274	2.08E-09	3.61E-09	1.56E-08	1.79E-10	1.04E-12	1.60E-07	6.10E-10	1.90E-10	3.72E-18	9.90E-11	2.65E-13	1.90E-13	2.90E-12	1.81E-12	1.08E-11	1.71E-13	3.89E-12	5.33E-10	4.93E-11	6.35E-10
1285	SR_324	Sensitive Receptor	Residential	Offsite	377.517	6365.248	2.04E-09	3.52E-09	1.52E-08	1.75E-10	1.01E-12	1.56E-07	5.96E-10	1.86E-10	3.64E-18	9.68E-11	2.59E-13	1.86E-13	2.83E-12	1.77E-12	1.06E-11	1.67E-13	3.81E-12	5.20E-10	4.81E-11	6.20E-10
1286	SR_325	Sensitive Receptor	Residential	Offsite	377.545	6365.208	1.99E-09	3.39E-09	1.46E-08	1.69E-10	9.81E-13	1.52E-07	5.78E-10	1.80E-10	3.53E-18	9.37E-11	2.51E-13	1.80E-13	2.74E-12	1.71E-12	1.02E-11	1.62E-13	3.69E-12	5.04E-10	4.66E-11	6.01E-10
1287	SR_326	Sensitive Receptor	Residential	Offsite	377.560	6365.175	1.95E-09	3.29E-09	1.42E-08	1.65E-10	9.55E-13	1.47E-07	5.63E-10	1.76E-10	3.43E-18	9.13E-11	2.44E-13	1.75E-13	2.67E-12	1.67E-12	9.96E-12	1.58E-13	3.59E-12	4.91E-10	4.54E-11	5.85E-10
1288	SR_327	Sensitive Receptor	Residential	Offsite	377.551	6365.143	1.89E-09	3.23E-09	1.39E-08	1.61E-10	9.34E-13	1.42E-07	5.50E-10	1.72E-10	3.36E-18	8.93E-11	2.39E-13	1.71E-13	2.61E-12	1.63E-12	9.74E-12	1.54E-13	3.51E-12	4.80E-10	4.44E-11	5.72E-10
1289	SR_328	Sensitive Receptor	Residential	Offsite	377.584	6365.158	1.93E-09	3.24E-09	1.39E-08	1.63E-10	9.43E-13	1.46E-07	5.55E-10	1.73E-10	3.39E-18	9.01E-11	2.41E-13	1.73E-13	2.64E-12	1.65E-12	9.83E-12	1.56E-13	3.54E-12	4.85E-10	4.48E-11	5.77E-10
1290	SR_329	Sensitive Receptor	Residential	Offsite	377.571	6365.096	1.84E-09	3.11E-09	1.34E-08	1.56E-10	9.04E-13	1.37E-07	5.33E-10	1.66E-10	3.25E-18	8.64E-11	2.31E-13	1.66E-13	2.53E-12	1.58E-12	9.43E-12	1.50E-13	3.40E-12	4.65E-10	4.30E-11	5.54E-10
1291	SR_330	Sensitive Receptor	Residential	Offsite	377.612	6365.109	1.90E-09	3.14E-09	1.36E-08	1.59E-10	9.19E-13	1.44E-07	5.42E-10	1.69E-10	3.31E-18	8.79E-11	2.35E-13	1.68E-13	2.57E-12	1.61E-12	9.58E-12	1.52E-13	3.46E-12	4.73E-10	4.37E-11	5.63E-10
1292	SR_331	Sensitive Receptor	Residential	Offsite	377.578	6365.066	1.81E-09	3.05E-09	1.31E-08	1.53E-10	8.87E-13	1.34E-07	5.23E-10	1.63E-10	3.19E-18	8.48E-11	2.27E-13	1.63E-13	2.48E-12	1.55E-12	9.25E-12	1.47E-13	3.34E-12	4.56E-10	4.22E-11	5.44E-10
1293	SR_332	Sensitive Receptor	Residential	Offsite	377.621	6365.086	1.87E-09	3.09E-09	1.33E-08	1.57E-10	9.05E-13	1.42E-07	5.33E-10	1.66E-10	3.26E-18	8.65E-11	2.32E-13	1.66E-13	2.53E-12	1.58E-12	9.44E-12	1.50E-13	3.40E-12	4.65E-10	4.30E-11	5.55E-10
1294	SR_333	Sensitive Receptor	Residential	Offsite	377.604	6365.014	1.75E-09	2.94E-09	1.27E-08	1.48E-10	8.58E-13	1.29E-07	5.06E-10	1.58E-10	3.09E-18	8.20E-11	2.20E-13	1.57E-13	2.40E-12	1.50E-12	8.95E-12	1.42E-13	3.23E-12	4.41E-10	4.08E-11	5.26E-10
1295	SR_334	Sensitive Receptor	Residential	Offsite	377.637	6365.025	1.79E-09	2.95E-09	1.27E-08	1.50E-10	8.65E-13	1.33E-07	5.09E-10	1.59E-10	3.11E-18	8.27E-11	2.21E-13	1.58E-13	2.42E-12	1.51E-12	9.02E-12	1.43E-13	3.25E-12	4.45E-10	4.11E-11	5.30E-10
1296	SR_335	Sensitive Receptor	Residential	Offsite	377.670	6365.038	1.82E-09	2.95E-09	1.27E-08	1.51E-10	8.72E-13	1.37E-07	5.14E-10	1.60E-10	3.13E-18	8.33E-11	2.23E-13	1.60E-13	2.44E-12	1.52E-12	9.09E-12	1.44E-13	3.28E-12	4.48E-10	4.15E-11	5.34E-10
1297	SR_336	Sensitive Receptor	Residential	Offsite	377.685	6364.995	1.74E-09	2.82E-09	1.21E-08	1.44E-10	8.35E-13	1.28E-07	4.92E-10	1.53E-10	3.00E-18	7.98E-11	2.13E-13	1.53E-13	2.34E-12	1.46E-12	8.70E-12	1.38E-13	3.14E-12	4.29E-10	3.97E-11	5.11E-10
1298	SR_337	Sensitive Receptor	Residential	Offsite	377.707	6364.724	1.39E-09	2.36E-09	1.01E-08	1.16E-10	6.88E-13	9.41E-08	4.06E-10	1.27E-10	2.48E-18	6.58E-11	1.76E-13	1.26E-13	1.93E-12	1.20E-12	7.18E-12	1.14E-13	2.59E-12	3.54E-10	3.27E-11	4.22E-10
1299	SR_338	Sensitive Receptor	Residential	Offsite	377.738	6364.735	1.40E-09	2.35E-09	1.01E-08	1.16E-10	6.89E-13	9.51E-08	4.06E-10	1.27E-10	2.48E-18	6.58E-11	1.76E-13	1.26E-13	1.93E-12	1.20E-12	7.18E-12	1.14E-13	2.59E-12	3.54E-10	3.28E-11	4.22E-10
1300	SR_339	Sensitive Receptor	Residential	Offsite	377.769	6364.749	1.42E-09	2.34E-09	1.00E-08	1.16E-10	6.90E-13	9.63E-08	4.07E-10	1.27E-10	2.48E-18	6.60E-11	1.76E-13	1.26E-13	1.93E-12	1.21E-12	7.20E-12	1.14E-13	2.60E-12	3.55E-10	3.28E-11	4.23E-10
1301	SR_340	Sensitive Receptor	Residential	Offsite	377.799	6364.758	1.42E-09	2.33E-09	9.99E-09	1.16E-10	6.90E-13	9.71E-08	4.06E-10	1.27E-10	2.48E-18	6.59E-11	1.76E-13	1.26E-13	1.93E-12	1.21E-12	7.19E-12	1.14E-13	2.59E-12	3.55E-10	3.28E-11	4.23E-10
1302	SR_341	Sensitive Receptor	Residential	Offsite	377.830	6364.769	1.43E-09	2.33E-09	9.97E-09	1.16E-10	6.90E-13	9.79E-08	4.07E-10	1.27E-10	2.48E-18	6.60E-11	1.76E-13	1.26E-13	1.93E-12	1.21E-12	7.20E-12	1.14E-13	2.60E-12	3.55E-10	3.28E-11	4.23E-10
1303	SR_342	Sensitive Receptor	Residential	Offsite	377.857	6364.784	1.45E-09	2.33E-09	9.99E-09	1.17E-10	6.94E-13	9.94E-08	4.09E-10	1.28E-10	2.50E-18	6.64E-11	1.77E-13	1.27E-13	1.94E-12	1.21E-12	7.24E-12	1.15E-13	2.61E-12	3.57E-10	3.30E-11	4.25E-10
1304	SR_343	Sensitive Receptor	Residential	Offsite	380.055	6370.517	7.16E-09	1.32E-08	5.55E-08	5.06E-10	3.88E-12	1.59E-07	2.29E-09	7.16E-10	1.40E-17	3.72E-10	9.85E-13	6.91E-13	1.09E-11	6.78E-12	4.06E-11	6.43E-13	1.47E-11	2.00E-09	1.85E-10	2.39E-09

AQIA DATA - SCENARIO 1 COMMERCIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.24E-01**	**2.60E-01**	**3.55E+00**	**1.99E-01**	**6.74E-05**	**3.58E-01**	**3.98E-02**	**1.24E-02**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**3.47E-02**	**3.21E-03**	**4.14E-02**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
16	SG_16	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6364.500	9.03E-04	1.91E-03	2.66E-02	1.39E-03	4.91E-07	1.43E-03	2.91E-04	9.07E-05	1.78E-12	4.71E-05	1.25E-07	8.72E-08	1.38E-06	8.59E-07	5.15E-06	8.14E-08	1.86E-06	2.54E-04	2.35E-05	3.02E-04
47	SG_47	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6364.700	9.83E-04	2.07E-03	2.89E-02	1.50E-03	5.34E-07	1.58E-03	3.16E-04	9.87E-05	1.93E-12	5.13E-05	1.36E-07	9.48E-08	1.50E-06	9.34E-07	5.60E-06	8.86E-08	2.02E-06	2.76E-04	2.56E-05	3.29E-04
78	SG_78	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6364.900	1.06E-03	2.23E-03	3.10E-02	1.61E-03	5.75E-07	1.72E-03	3.40E-04	1.06E-04	2.08E-12	5.51E-05	1.46E-07	1.02E-07	1.61E-06	1.00E-06	6.02E-06	9.53E-08	2.18E-06	2.97E-04	2.75E-05	3.54E-04
79	SG_79	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6364.900	1.23E-03	2.59E-03	3.59E-02	1.84E-03	6.67E-07	1.93E-03	3.95E-04	1.23E-04	2.41E-12	6.40E-05	1.69E-07	1.18E-07	1.87E-06	1.17E-06	6.99E-06	1.11E-07	2.53E-06	3.45E-04	3.19E-05	4.11E-04
98	SG_98	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6365.100	1.58E-03	3.34E-03	4.64E-02	2.52E-03	8.67E-07	2.39E-03	5.10E-04	1.59E-04	3.11E-12	8.28E-05	2.22E-07	1.60E-07	2.42E-06	1.52E-06	9.03E-06	1.43E-07	3.25E-06	4.45E-04	4.12E-05	5.31E-04
99	SG_99	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6365.100	1.67E-03	3.53E-03	4.90E-02	2.70E-03	9.16E-07	2.66E-03	5.39E-04	1.68E-04	3.29E-12	8.74E-05	2.35E-07	1.69E-07	2.56E-06	1.60E-06	9.53E-06	1.51E-07	3.44E-06	4.70E-04	4.35E-05	5.60E-04
109	SG_109	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.100	1.17E-03	2.47E-03	3.43E-02	1.77E-03	6.36E-07	1.94E-03	3.77E-04	1.18E-04	2.30E-12	6.10E-05	1.61E-07	1.13E-07	1.79E-06	1.11E-06	6.67E-06	1.06E-07	2.41E-06	3.29E-04	3.04E-05	3.92E-04
110	SG_110	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.100	1.38E-03	2.92E-03	4.05E-02	2.06E-03	7.52E-07	2.22E-03	4.45E-04	1.39E-04	2.72E-12	7.22E-05	1.91E-07	1.33E-07	2.11E-06	1.31E-06	7.88E-06	1.25E-07	2.85E-06	3.89E-04	3.60E-05	4.63E-04
140	SG_140	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.300	1.34E-03	2.83E-03	3.92E-02	2.01E-03	7.29E-07	2.27E-03	4.32E-04	1.35E-04	2.64E-12	7.00E-05	1.85E-07	1.29E-07	2.05E-06	1.28E-06	7.64E-06	1.21E-07	2.76E-06	3.77E-04	3.49E-05	4.49E-04
141	SG_141	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.300	1.57E-03	3.32E-03	4.59E-02	2.32E-03	8.55E-07	2.57E-03	5.07E-04	1.58E-04	3.09E-12	8.21E-05	2.17E-07	1.51E-07	2.40E-06	1.50E-06	8.97E-06	1.42E-07	3.24E-06	4.42E-04	4.09E-05	5.27E-04
171	SG_171	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.500	1.53E-03	3.22E-03	4.46E-02	2.27E-03	8.30E-07	2.64E-03	4.92E-04	1.53E-04	3.00E-12	7.97E-05	2.11E-07	1.47E-07	2.33E-06	1.45E-06	8.70E-06	1.38E-07	3.14E-06	4.29E-04	3.97E-05	5.11E-04
172	SG_172	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.500	1.84E-03	3.87E-03	5.35E-02	2.69E-03	9.98E-07	3.05E-03	5.91E-04	1.84E-04	3.61E-12	9.58E-05	2.53E-07	1.76E-07	2.81E-06	1.74E-06	1.05E-05	1.65E-07	3.78E-06	5.16E-04	4.77E-05	6.15E-04
190	SG_190	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6365.700	2.68E-03	5.64E-03	7.80E-02	4.17E-03	1.46E-06	4.17E-03	8.61E-04	2.69E-04	5.26E-12	1.40E-04	3.75E-07	2.70E-07	4.09E-06	2.56E-06	1.52E-05	2.42E-07	5.49E-06	7.52E-04	6.95E-05	8.96E-04
202	SG_202	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.700	1.79E-03	3.77E-03	5.21E-02	2.64E-03	9.72E-07	3.15E-03	5.75E-04	1.80E-04	3.51E-12	9.33E-05	2.47E-07	1.72E-07	2.73E-06	1.70E-06	1.02E-05	1.61E-07	3.68E-06	5.02E-04	4.65E-05	5.98E-04
203	SG_203	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.700	2.20E-03	4.63E-03	6.38E-02	3.20E-03	1.19E-06	3.73E-03	7.07E-04	2.21E-04	4.31E-12	1.15E-04	3.02E-07	2.11E-07	3.35E-06	2.09E-06	1.25E-05	1.98E-07	4.52E-06	6.17E-04	5.71E-05	7.35E-04
218	SG_218	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6365.900	2.50E-03	5.27E-03	7.30E-02	3.95E-03	1.37E-06	3.77E-03	8.05E-04	2.51E-04	4.92E-12	1.31E-04	3.50E-07	2.52E-07	3.83E-06	2.39E-06	1.43E-05	2.26E-07	5.14E-06	7.03E-04	6.50E-05	8.38E-04
219	SG_219	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6365.900	2.66E-03	5.60E-03	7.75E-02	4.14E-03	1.45E-06	4.02E-03	8.55E-04	2.67E-04	5.22E-12	1.39E-04	3.72E-07	2.68E-07	4.06E-06	2.54E-06	1.51E-05	2.40E-07	5.46E-06	7.46E-04	6.90E-05	8.89E-04
220	SG_220	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6365.900	2.85E-03	6.02E-03	8.32E-02	4.42E-03	1.56E-06	4.40E-03	9.19E-04	2.87E-04	5.61E-12	1.49E-04	4.00E-07	2.88E-07	4.37E-06	2.73E-06	1.63E-05	2.58E-07	5.86E-06	8.02E-04	7.42E-05	9.56E-04
234	SG_234	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.900	2.67E-03	5.62E-03	7.75E-02	3.88E-03	1.45E-06	4.64E-03	8.59E-04	2.68E-04	5.24E-12	1.39E-04	3.67E-07	2.56E-07	4.08E-06	2.53E-06	1.52E-05	2.41E-07	5.49E-06	7.50E-04	6.94E-05	8.93E-04
235	SG_235	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6365.900	3.24E-03	6.83E-03	9.40E-02	4.70E-03	1.76E-06	5.45E-03	1.04E-03	3.26E-04	6.37E-12	1.69E-04	4.45E-07	3.09E-07	4.95E-06	3.08E-06	1.85E-05	2.92E-07	6.67E-06	9.11E-04	8.43E-05	1.09E-03
242	SG_242	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6365.900	8.55E-03	1.80E-02	2.48E-01	1.25E-02	4.64E-06	1.13E-02	2.75E-03	8.58E-04	1.68E-11	4.45E-04	1.17E-06	8.16E-07	1.30E-05	8.11E-06	4.87E-05	7.69E-07	1.76E-05	2.40E-03	2.22E-04	2.86E-03
243	SG_243	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6365.900	8.22E-03	1.73E-02	2.38E-01	1.21E-02	4.45E-06	1.08E-02	2.64E-03	8.24E-04	1.61E-11	4.28E-04	1.13E-06	7.84E-07	1.25E-05	7.79E-06	4.67E-05	7.39E-07	1.69E-05	2.30E-03	2.13E-04	2.75E-03
249	SG_249	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.100	2.52E-03	5.32E-03	7.36E-02	4.03E-03	1.38E-06	3.99E-03	8.12E-04	2.53E-04	4.96E-12	1.32E-04	3.53E-07	2.53E-07	3.86E-06	2.41E-06	1.44E-05	2.28E-07	5.18E-06	7.09E-04	6.56E-05	8.45E-04
250	SG_250	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.100	2.72E-03	5.73E-03	7.92E-02	4.27E-03	1.49E-06	4.27E-03	8.75E-04	2.73E-04	5.34E-12	1.42E-04	3.80E-07	2.73E-07	4.16E-06	2.60E-06	1.55E-05	2.46E-07	5.59E-06	7.64E-04	7.06E-05	9.10E-04
251	SG_251	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.100	3.02E-03	6.37E-03	8.80E-02	4.72E-03	1.65E-06	4.80E-03	9.73E-04	3.04E-04	5.94E-12	1.58E-04	4.23E-07	3.04E-07	4.62E-06	2.89E-06	1.72E-05	2.73E-07	6.21E-06	8.49E-04	7.85E-05	1.01E-03
252	SG_252	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.100	3.27E-03	6.88E-03	9.51E-02	5.04E-03	1.79E-06	5.24E-03	1.05E-03	3.28E-04	6.42E-12	1.71E-04	4.58E-07	3.29E-07	5.00E-06	3.12E-06	1.86E-05	2.95E-07	6.71E-06	9.18E-04	8.49E-05	1.09E-03
265	SG_265	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.100	3.66E-03	7.69E-03	1.06E-01	5.29E-03	1.98E-06	6.56E-03	1.18E-03	3.67E-04	7.18E-12	1.90E-04	5.02E-07	3.49E-07	5.58E-06	3.47E-06	2.08E-05	3.29E-07	7.52E-06	1.03E-03	9.50E-05	1.22E-03
266	SG_266	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.100	4.17E-03	8.77E-03	1.21E-01	6.06E-03	2.26E-06	7.15E-03	1.34E-03	4.18E-04	8.18E-12	2.17E-04	5.72E-07	3.96E-07	6.36E-06	3.95E-06	2.37E-05	3.75E-07	8.57E-06	1.17E-03	1.08E-04	1.39E-03
267	SG_267	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.100	4.82E-03	1.01E-02	1.39E-01	7.03E-03	2.61E-06	7.86E-03	1.55E-03	4.84E-04	9.46E-12	2.51E-04	6.60E-07	4.56E-07	7.35E-06	4.57E-06	2.74E-05	4.34E-07	9.91E-06	1.35E-03	1.25E-04	1.61E-03
268	SG_268	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.100	5.92E-03	1.24E-02	1.71E-01	8.59E-03	3.21E-06	9.09E-03	1.90E-03	5.94E-04	1.16E-11	3.08E-04	8.11E-07	5.61E-07	9.03E-06	5.61E-06	3.37E-05	5.33E-07	1.22E-05	1.66E-03	1.54E-04	1.98E-03
269	SG_269	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.100	7.36E-03	1.55E-02	2.13E-01	1.06E-02	3.99E-06	1.07E-02	2.37E-03	7.39E-04	1.44E-11	3.83E-04	1.01E-06	6.99E-07	1.12E-05	6.98E-06	4.19E-05	6.62E-07	1.51E-05	2.07E-03	1.91E-04	2.46E-03
272	SG_272	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.100	9.90E-03	2.08E-02	2.87E-01	1.45E-02	5.37E-06	1.37E-02	3.18E-03	9.93E-04	1.94E-11	5.16E-04	1.36E-06	9.44E-07	1.51E-05	9.39E-06	5.63E-05	8.91E-07	2.04E-05	2.78E-03	2.57E-04	3.31E-03
273	SG_273	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.100	9.61E-03	2.02E-02	2.78E-01	1.42E-02	5.21E-06	1.33E-02	3.09E-03	9.64E-04	1.88E-11	5.00E-04	1.32E-06	9.17E-07	1.47E-05	9.11E-06	5.47E-05	8.64E-07	1.97E-05	2.69E-03	2.49E-04	3.21E-03
274	SG_274	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.100	8.85E-03	1.86E-02	2.56E-01	1.32E-02	4.80E-06	1.21E-02	2.84E-03	8.88E-04	1.74E-11	4.61E-04	1.22E-06	8.45E-07	1.35E-05	8.39E-06	5.03E-05	7.96E-07	1.82E-05	2.48E-03	2.30E-04	2.96E-03
275	SG_275	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.100	8.58E-03	1.80E-02	2.48E-01	1.29E-02	4.65E-06	1.17E-02	2.76E-03	8.60E-04	1.68E-11	4.46E-04	1.18E-06	8.18E-07	1.31E-05	8.13E-06	4.88E-05	7.71E-07	1.76E-05	2.40E-03	2.23E-04	2.87E-03
276	SG_276	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.100	7.92E-03	1.66E-02	2.30E-01	1.19E-02	4.29E-06	1.07E-02	2.55E-03	7.95E-04	1.55E-11	4.12E-04	1.09E-06	7.56E-07	1.21E-05	7.51E-06	4.51E-05	7.13E-07	1.63E-05	2.22E-03	2.06E-04	2.65E-03
277	SG_277	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.100	7.61E-03	1.60E-02	2.20E-01	1.15E-02	4.12E-06	1.02E-02	2.44E-03	7.63E-04	1.49E-11	3.96E-04	1.04E-06	7.25E-07	1.16E-05	7.21E-06	4.33E-05	6.84E-07	1.56E-05	2.13E-03	1.97E-04	2.54E-03
278	SG_278	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.100	7.20E-03	1.51E-02	2.09E-01	1.09E-02	3.90E-06	9.55E-03	2.31E-03	7.22E-04	1.41E-11	3.75E-04	9.88E-07	6.87E-07	1.10E-05	6.82E-06	4.10E-05	6.48E-07	1.48E-05	2.02E-03	1.87E-04	2.41E-03
280	SG_280	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.300	2.45E-03	5.17E-03	7.15E-02	4.01E-03	1.34E-06	4.17E-03	7.89E-04	2.46E-04	4.82E-12	1.28E-04	3.42E-07	2.45E-07	3.75E-06	2.34E-06	1.40E-05	2.22E-07	5.04E-06	6.89E-04	6.37E-05	8.21E-04
281	SG_281	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.300	2.66E-03	5.60E-03	7.74E-02	4.25E-03	1.45E-06	4.43E-03	8.56E-04	2.67E-04	5.22E-12	1.39E-04	3.71E-07	2.66E-07	4.06E-06	2.54E-06	1.51E-05	2.40E-07	5.46E-06	7.47E-04	6.91E-05	8.90E-04
282	SG_282	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.300	2.97E-03	6.26E-03	8.65E-02	4.68E-03	1.62E-06	4.92E-03	9.57E-04	2.99E-04	5.84E-12	1.55E-04	4.16E-07	2.98E-07	4.55E-06	2.84E-06	1.69E-05	2.69E-07	6.11E-06	8.35E-04	7.72E-05	9.95E-04
283	SG_283	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.300	3.35E-03	7.07E-03	9.76E-02	5.21E-03	1.83E-06	5.55E-03	1.08E-03	3.37E-04	6.59E-12	1.75E-04	4.70E-07	3.37E-07	5.13E-06	3.21E-06	1.91E-05	3.03E-07	6.89E-06	9.43E-04	8.72E-05	1.12E-03
296	SG_296	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.300	4.01E-03	8.43E-03	1.16E-01	5.79E-03	2.17E-06	7.29E-03	1.29E-03	4.02E-04	7.87E-12	2.09E-04	5.50E-07	3.83E-07	6.12E-06	3.80E-06	2.28E-05	3.61E-07	8.24E-06	1.12E-03	1.04E-04	1.34E-03
297	SG_297	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.300	5.03E-03	1.06E-02	1.45E-01	7.30E-03	2.72E-06	8.76E-03	1.62E-03	5.04E-04	9.87E-12	2.62E-04	6.89E-07	4.77E-07	7.67E-06	4.76E-06	2.86E-05	4.52E-07	1.03E-05	1.41E-03	1.31E-04	1.68E-03
298	SG_298	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.300	6.49E-03	1.36E-02	1.87E-01	9.43E-03	3.51E-06	1.06E-02	2.08E-03	6.51E-04	1.27E-11	3.38E-04	8.88E-07	6.14E-07	9.89E-06	6.14E-06	3.69E-05	5.83E-07	1.33E-05	1.82E-03	1.68E-04	2.17E-03
299	SG_299	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.300	8.63E-03	1.81E-02	2.49E-01	1.24E-02	4.67E-06	1.33E-02	2.77E-03	8.66E-04	1.69E-11	4.49E-04	1.18E-06	8.18E-07	1.32E-05	8.18E-06	4.91E-05	7.76E-07	1.77E-05	2.42E-03	2.24E-04	2.88E-03
300	SG_300	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.300	1.06E-02	2.22E-02	3.05E-01	1.52E-02	5.73E-06	1.56E-02	3.40E-03	1.06E-03	2.07E-11	5.50E-04	1.45E-06	1.01E-06	1.61E-05	1.00E-05	6.01E-05	9.51E-07	2.17E-05	2.97E-03	2.74E-04	3.53E-03
301	SG_301	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.300	1.18E-02	2.47E-02	3.40E-01	1.70E-02	6.38E-06	1.72E-02	3.78E-03	1.18E-03	2.31E-11	6.13E-04	1.61E-06	1.12E-06	1.79E-05	1.12E-05	6.69E-05	1.06E-06	2.42E-05	3.30E-03	3.06E-04	3.93E-03
302	SG_302	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.300	1.18E-02	2.47E-02	3.40E-01	1.72E-02	6.38E-06	1.71E-02	3.78E-03	1.18E-03	2.31E-11	6.13E-04	1.62E-06	1.12E-06	1.80E-05	1.12E-05	6.70E-05	1.06E-06	2.42E-05	3.30E-03	3.06E-04	3.93E-03
303	SG_303	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.300	1.13E-02	2.37E-02	3.26E-01	1.66E-02	6.11E-06	1.64E-02	3.62E-03	1.13E-03	2.21E-11	5.87E-04	1.55E-06	1.08E-06	1.72E-05	1.07E-05	6.42E-05	1.01E-06	2.32E-05	3.16E-03	2.93E-04	3.77E-03
304	SG_304	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.300	1.06E-02	2.23E-02	3.07E-01	1.58E-02	5.75E-06	1.53E-02	3.41E-03	1.06E-03	2.08E-11	5.52E-04	1.46E-06	1.01E-06	1.62E-05	1.01E-05	6.04E-05	9.54E-07	2.18E-05	2.98E-03	2.75E-04	3.55E-03
305	SG_305	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.300	9.95E-03	2.09E-02	2.88E-01	1.49E-02	5.39E-06	1.43E-02	3.20E-03	9.98E-04	1.95E-11	5.18E-04	1.37E-06	9.49E-07	1.52E-05	9.43E-06	5.66E-05	8.95E-07	2.04E-05	2.79E-03	2.58E-04	3.32E-03
306	SG_306	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.300	9.07E-03	1.90E-02	2.62E-01	1.36E-02	4.92E-06	1.29E-02	2.91E-03	9.09E-04	1.78E-11	4.72E-04	1.24E-06	8.65E-07	1.38E-05	8.60E-06	5.16E-05	8.16E-07	1.86E-05	2.54E-03	2.35E-04	3.03E-03
307	SG_307	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.300	8.48E-03	1.78E-02	2.45E-01	1.27E-02	4.60E-06	1.20E-02	2.72E-03	8.50E-04	1.66E-11	4.41E-04	1.16E-06	8.09E-07	1.29E-05	8.04E-06	4.82E-05	7.63E-07	1.74E-05	2.38E-03	2.20E-04	2.83E-03
308	SG_308	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.300	8.17E-03	1.72E-02	2.37E-01	1.23E-02	4.43E-06	1.14E-02	2.62E-03	8.19E-04	1.60E-11	4.25E-04	1.12E-06	7.79E-07	1.25E-05	7.74E-06	4.65E-05	7.35E-07	1.68E-05	2.29E-03	2.12E-04	2.73E-03
309	SG_309	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.300	7.62E-03	1.60E-02	2.21E-01	1.15E-02	4.13E-06	1.05E-02	2.45E-03	7.64E-04	1.50E-11	3.97E-04	1.05E-06	7.27E-07	1.16E-05	7.22E-06	4.34E-05	6.86E-07	1.57E-05	2.14E-03	1.98E-04	2.55E-03
310	SG_310	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.300	7.17E-03	1.51E-02	2.08E-01	1.08E-02	3.89E-06	9.76E-03	2.30E-03	7.19E-04	1.41E-11	3.73E-04	9.85E-07	6.85E-07	1.09E-05	6.80E-06	4.08E-05	6.45E-07	1.47E-05	2.01E-03	1.86E-04	2.40E-03
311	SG_311	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.500	2.23E-03	4.71E-03	6.51E-02	3.75E-03	1.22E-06	4.04E-03	7.19E-04	2.24E-04	4.39E-12	1.17E-04	3.11E-07	2.22E-07	3.42E-06	2.13E-06	1.27E-05	2.02E-07	4.59E-06	6.28E-04	5.81E-05	7.48E-04
312	SG_312	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.500	2.37E-03	4.99E-03	6.91E-02	3.82E-03	1.29E-06	4.14E-03	7.63E-04	2.38E-04	4.66E-12	1.24E-04	3.31E-07	2.36E-07	3.62E-06	2.26E-06	1.35E-05	2.14E-07	4.87E-06	6.66E-04	6.16E-05	7.93E-04
313	SG_313	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.500	2.80E-03	5.90E-03	8.15E-02	4.51E-03	1.53E-06	4.96E-03	9.01E-04	2.81E-04	5.50E-12	1.46E-04	3.91E-07	2.79E-07	4.28E-06	2.67E-06	1.59E-05	2.53E-07	5.75E-06	7.86E-04	7.27E-05	9.37E-04
314	SG_314	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.500	3.29E-03	6.93E-03	9.56E-02	5.22E-03	1.80E-06	5.80E-03	1.06E-03	3.30E-04	6.47E-12	1.72E-04	4.60E-07	3.29E-07	5.03E-06	3.14E-06	1.87E-05	2.97E-07	6.76E-06	9.24E-04	8.55E-05	1.10E-03
328	SG_328	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.500	7.93E-03	1.67E-02	2.29E-01	1.16E-02	4.29E-06	1.42E-02	2.55E-03	7.95E-04	1.56E-11	4.13E-04	1.09E-06	7.50E-07	1.21E-05	7.51E-06	4.51E-05	7.13E-07	1.63E-05	2.22E-03	2.06E-04	2.65E-03
329	SG_329	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.500	1.10E-02	2.30E-02	3.16E-01	1.60E-02	5.94E-06	1.84E-02	3.52E-03	1.10E-03	2.15E-11	5.71E-04	1.50E-06	1.04E-06	1.67E-05	1.04E-05	6.24E-05	9.86E-07	2.25E-05	3.07E-03	2.85E-04	3.66E-03
330	SG_330	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.500	1.41E-02	2.97E-02	4.08E-01	2.04E-02	7.66E-06	2.24E-02	4.54E-03	1.42E-03	2.77E-11	7.36E-04	1.94E-06	1.34E-06	2.16E-05	1.34E-05	8.04E-05	1.27E-06	2.91E-05	3.97E-03	3.67E-04	4.73E-03
331	SG_331	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.500	1.51E-02	3.16E-02	4.35E-01	2.18E-02	8.17E-06	2.32E-02	4.84E-03	1.51E-03	2.96E-11	7.84E-04	2.07E-06	1.44E-06	2.30E-05	1.43E-05	8.57E-05	1.36E-06	3.10E-05	4.23E-03	3.91E-04	5.04E-03
332	SG_332	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.500	1.54E-02	3.22E-02	4.43E-01	2.25E-02	8.32E-06	2.37E-02	4.93E-03	1.54E-03	3.01E-11	7.99E-04	2.11E-06	1.46E-06	2.34E-05	1.45E-05	8.73E-05	1.38E-06	3.15E-05	4.30E-03	3.98E-04	5.13E-03
333	SG_333	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.500	1.41E-02	2.97E-02	4.08E-01	2.09E-02	7.67E-06	2.17E-02	4.54E-03	1.42E-03	2.77E-11	7.36E-04	1.94E-06	1.35E-06	2.16E-05	1.34E-05	8.05E-05	1.27E-06	2.91E-05	3.97E-03	3.67E-04	4.73E-03
334	SG_334	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.500	1.29E-02	2.70E-02	3.72E-01	1.92E-02	6.97E-06	1.96E-02	4.13E-03	1.29E-03	2.52E-11	6.70E-04	1.77E-06	1.23E-06	1.96E-05	1.22E-05	7.32E-05	1.16E-06	2.64E-05	3.61E-03	3.34E-04	4.30E-03
335	SG_335	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.500	1.15E-02	2.41E-02	3.31E-01	1.71E-02	6.21E-06	1.73E-02	3.68E-03	1.15E-03	2.25E-11	5.96E-04	1.57E-06	1.09E-06	1.75E-05	1.09E-05	6.51E-05	1.03E-06	2.35E-05	3.21E-03	2.97E-04	3.83E-03
336	SG_336	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.500	1.04E-02	2.18E-02	3.00E-01	1.55E-02	5.62E-06	1.56E-02	3.33E-03	1.04E-03	2.03E-11	5.40E-04	1.42E-06	9.89E-07	1.58E-05	9.83E-06	5.90E-05	9.33E-07	2.13E-05	2.91E-03	2.69E-04	3.47E-03
337	SG_337	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.500	9.92E-03	2.08E-02	2.87E-01	1.49E-02	5.38E-06	1.47E-02	3.19E-03	9.95E-04	1.95E-11	5.17E-04	1.36E-06	9.46E-07	1.51E-05	9.41E-06	5.64E-05	8.93E-07	2.04E-05	2.78E-03	2.58E-04	3.32E-03
338	SG_338	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.500	9.14E-03	1.92E-02	2.65E-01	1.37E-02	4.96E-06	1.34E-02	2.94E-03	9.17E-04	1.79E-11	4.76E-04	1.26E-06	8.72E-07	1.39E-05	8.67E-06	5.20E-05	8.22E-07	1.88E-05	2.56E-03	2.37E-04	3.06E-03
339	SG_339	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.500	8.36E-03	1.75E-02	2.42E-01	1.25E-02	4.53E-06	1.21E-02	2.68E-03	8.38E-04	1.64E-11	4.35E-04	1.15E-06	7.97E-07	1.27E-05	7.92E-06	4.75E-05	7.51E-07	1.72E-05	2.34E-03	2.17E-04	2.79E-03
340	SG_340	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.500	7.65E-03	1.61E-02	2.22E-01	1.15E-02	4.15E-06	1.09E-02	2.46E-03	7.67E-04	1.50E-11	3.98E-04	1.05E-06	7.31E-07	1.17E-05	7.25E-06	4.35E-05	6.88E-07	1.57E-05	2.15E-03	1.99E-04	2.56E-03
341	SG_341	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.500	7.10E-03	1.49E-02	2.06E-01	1.06E-02	3.85E-06	9.96E-03	2.28E-03	7.12E-04	1.39E-11	3.70E-04	9.75E-07	6.78E-07	1.08E-05	6.73E-06	4.04E-05	6.39E-07	1.46E-05	1.99E-03	1.84E-04	2.37E-03
342	SG_342	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.700	2.08E-03	4.38E-03	6.07E-02	3.59E-03	1.14E-06	4.00E-03	6.70E-04	2.09E-04	4.09E-12	1.09E-04	2.89E-07	2.05E-07	3.18E-06	1.98E-06	1.19E-05	1.88E-07	4.28E-06	5.85E-04	5.41E-05	6.97E-04
343	SG_343	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.700	2.18E-03	4.59E-03	6.36E-02	3.61E-03	1.19E-06	4.07E-03	7.02E-04	2.19E-04	4.29E-12	1.14E-04	3.03E-07	2.16E-07	3.33E-06	2.08E-06	1.24E-05	1.97E-07	4.48E-06	6.13E-04	5.67E-05	7.30E-04
344	SG_344	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.700	2.49E-03	5.25E-03	7.26E-02	4.09E-03	1.36E-06	4.68E-03	8.03E-04	2.50E-04	4.90E-12	1.30E-04	3.47E-07	2.47E-07	3.81E-06	2.38E-06	1.42E-05	2.25E-07	5.13E-06	7.00E-04	6.48E-05	8.35E-04
345	SG_345	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.700	2.88E-03	6.06E-03	8.36E-02	4.61E-03	1.57E-06	5.34E-03	9.26E-04	2.89E-04	5.65E-12	1.50E-04	4.01E-07	2.86E-07	4.40E-06	2.74E-06	1.64E-05	2.60E-07	5.91E-06	8.08E-04	7.47E-05	9.63E-04
356	SG_356	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6366.700	4.69E-03	9.86E-03	1.35E-01	6.92E-03	2.55E-06	1.01E-02	1.51E-03	4.70E-04	9.20E-12	2.44E-04	6.48E-07	4.55E-07	7.16E-06	4.45E-06	2.67E-05	4.22E-07	9.63E-06	1.32E-03	1.22E-04	1.57E-03
357	SG_357	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6366.700	6.55E-03	1.38E-02	1.89E-01	9.47E-03	3.55E-06	1.34E-02	2.10E-03	6.56E-04	1.28E-11	3.41E-04	8.99E-07	6.26E-07	9.98E-06	6.21E-06	3.72E-05	5.89E-07	1.35E-05	1.84E-03	1.70E-04	2.19E-03
358	SG_358	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.700	9.44E-03	1.98E-02	2.72E-01	1.38E-02	5.11E-06	1.85E-02	3.03E-03	9.46E-04	1.85E-11	4.91E-04	1.29E-06	8.95E-07	1.44E-05	8.94E-06	5.37E-05	8.48E-07	1.94E-05	2.65E-03	2.45E-04	3.15E-03
359	SG_359	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.700	1.31E-02	2.74E-02	3.76E-01	1.91E-02	7.08E-06	2.39E-02	4.20E-03	1.31E-03	2.56E-11	6.80E-04	1.79E-06	1.24E-06	1.99E-05	1.24E-05	7.43E-05	1.17E-06	2.69E-05	3.66E-03	3.39E-04	4.37E-03
360	SG_360	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.700	1.85E-02	3.88E-02	5.32E-01	2.67E-02	1.00E-05	3.14E-02	5.93E-03	1.85E-03	3.62E-11	9.61E-04	2.53E-06	1.75E-06	2.82E-05	1.75E-05	1.05E-04	1.66E-06	3.80E-05	5.18E-03	4.79E-04	6.17E-03
361	SG_361	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.700	2.13E-02	4.48E-02	6.14E-01	3.09E-02	1.15E-05	3.51E-02	6.85E-03	2.14E-03	4.18E-11	1.11E-03	2.92E-06	2.03E-06	3.25E-05	2.02E-05	1.21E-04	1.92E-06	4.38E-05	5.98E-03	5.53E-04	7.12E-03

AQIA DATA - SCENARIO 1 COMMERCIAL

Annual Average Pollutant Concentration (µg/m3) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							1.24E-01	2.60E-01	3.55E+00	1.99E-01	6.74E-05	3.58E-01	3.98E-02	1.24E-02	2.43E-10	6.46E-03	1.72E-05	1.22E-05	1.89E-04	1.18E-04	7.05E-04	1.12E-05	2.54E-04	3.47E-02	3.21E-03	4.14E-02
Receptor ID of Maximum Offsite Concentration / Deposition Rate							NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837
Coordinates of Maximum Offsite Concentration/ Deposition Rate						X	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464
						Y	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607
362	SG_362	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.700	1.99E-02	4.18E-02	5.74E-01	2.92E-02	1.08E-05	3.24E-02	6.40E-03	2.00E-03	3.91E-11	1.04E-03	2.73E-06	1.90E-06	3.04E-05	1.89E-05	1.13E-04	1.79E-06	4.09E-05	5.59E-03	5.17E-04	6.66E-03
363	SG_363	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.700	1.76E-02	3.70E-02	5.08E-01	2.61E-02	9.54E-06	2.86E-02	5.66E-03	1.77E-03	3.45E-11	9.17E-04	2.42E-06	1.68E-06	2.69E-05	1.67E-05	1.00E-04	1.58E-06	3.62E-05	4.94E-03	4.57E-04	5.88E-03
364	SG_364	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.700	1.57E-02	3.29E-02	4.52E-01	2.34E-02	8.50E-06	2.53E-02	5.04E-03	1.57E-03	3.08E-11	8.16E-04	2.15E-06	1.49E-06	2.39E-05	1.49E-05	8.92E-05	1.41E-06	3.22E-05	4.40E-03	4.07E-04	5.24E-03
365	SG_365	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.700	1.41E-02	2.96E-02	4.07E-01	2.11E-02	7.63E-06	2.26E-02	4.53E-03	1.41E-03	2.76E-11	7.33E-04	1.93E-06	1.34E-06	2.15E-05	1.33E-05	8.01E-05	1.27E-06	2.89E-05	3.95E-03	3.66E-04	4.71E-03
366	SG_366	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.700	1.24E-02	2.60E-02	3.58E-01	1.85E-02	6.72E-06	1.96E-02	3.98E-03	1.24E-03	2.43E-11	6.46E-04	1.70E-06	1.18E-06	1.89E-05	1.18E-05	7.05E-05	1.12E-06	2.55E-05	3.48E-03	3.22E-04	4.14E-03
367	SG_367	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.700	1.11E-02	2.33E-02	3.21E-01	1.66E-02	6.02E-06	1.73E-02	3.57E-03	1.11E-03	2.18E-11	5.78E-04	1.52E-06	1.06E-06	1.69E-05	1.05E-05	6.31E-05	9.98E-07	2.28E-05	3.11E-03	2.88E-04	3.71E-03
368	SG_368	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.700	9.94E-03	2.09E-02	2.87E-01	1.49E-02	5.39E-06	1.53E-02	3.19E-03	9.97E-04	1.95E-11	5.18E-04	1.37E-06	9.49E-07	1.52E-05	9.42E-06	5.65E-05	8.94E-07	2.04E-05	2.79E-03	2.58E-04	3.32E-03
369	SG_369	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.700	8.93E-03	1.87E-02	2.58E-01	1.33E-02	4.84E-06	1.35E-02	2.87E-03	8.95E-04	1.75E-11	4.65E-04	1.23E-06	8.52E-07	1.36E-05	8.46E-06	5.08E-05	8.03E-07	1.83E-05	2.50E-03	2.32E-04	2.98E-03
370	SG_370	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.700	8.10E-03	1.70E-02	2.34E-01	1.21E-02	4.39E-06	1.21E-02	2.60E-03	8.12E-04	1.59E-11	4.22E-04	1.11E-06	7.74E-07	1.24E-05	7.68E-06	4.61E-05	7.29E-07	1.66E-05	2.27E-03	2.10E-04	2.71E-03
371	SG_371	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.700	7.26E-03	1.53E-02	2.10E-01	1.09E-02	3.94E-06	1.06E-02	2.33E-03	7.28E-04	1.42E-11	3.78E-04	9.97E-07	6.94E-07	1.11E-05	6.88E-06	4.13E-05	6.53E-07	1.49E-05	2.04E-03	1.88E-04	2.43E-03
372	SG_372	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.700	6.70E-03	1.41E-02	1.94E-01	1.01E-02	3.63E-06	9.65E-03	2.15E-03	6.72E-04	1.31E-11	3.49E-04	9.20E-07	6.40E-07	1.02E-05	6.35E-06	3.81E-05	6.03E-07	1.38E-05	1.88E-03	1.74E-04	2.24E-03
373	SG_373	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.900	1.99E-03	4.18E-03	5.79E-02	3.37E-03	1.08E-06	3.88E-03	6.39E-04	1.99E-04	3.90E-12	1.04E-04	2.75E-07	1.95E-07	3.03E-06	1.89E-06	1.13E-05	1.79E-07	4.08E-06	5.58E-04	5.16E-05	6.65E-04
374	SG_374	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.900	2.15E-03	4.53E-03	6.27E-02	3.62E-03	1.17E-06	4.24E-03	6.93E-04	2.16E-04	4.23E-12	1.12E-04	2.99E-07	2.11E-07	3.29E-06	2.05E-06	1.23E-05	1.94E-07	4.42E-06	6.04E-04	5.59E-05	7.20E-04
375	SG_375	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.900	2.41E-03	5.06E-03	6.99E-02	4.02E-03	1.31E-06	4.80E-03	7.74E-04	2.41E-04	4.72E-12	1.25E-04	3.34E-07	2.36E-07	3.67E-06	2.29E-06	1.37E-05	2.17E-07	4.94E-06	6.75E-04	6.25E-05	8.05E-04
376	SG_376	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.900	2.72E-03	5.72E-03	7.90E-02	4.49E-03	1.48E-06	5.44E-03	8.75E-04	2.73E-04	5.34E-12	1.42E-04	3.78E-07	2.68E-07	4.15E-06	2.59E-06	1.55E-05	2.45E-07	5.59E-06	7.63E-04	7.06E-05	9.10E-04
384	SG_384	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6366.900	9.53E-03	2.00E-02	2.75E-01	1.43E-02	5.20E-06	2.03E-02	3.06E-03	9.55E-04	1.87E-11	4.97E-04	1.33E-06	9.55E-07	1.45E-05	9.09E-06	5.42E-05	8.60E-07	1.95E-05	2.67E-03	2.47E-04	3.18E-03
385	SG_385	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6366.900	8.85E-03	1.86E-02	2.55E-01	1.34E-02	4.83E-06	1.98E-02	2.84E-03	8.87E-04	1.74E-11	4.61E-04	1.23E-06	8.85E-07	1.35E-05	8.44E-06	5.03E-05	7.98E-07	1.81E-05	2.48E-03	2.30E-04	2.96E-03
386	SG_386	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6366.900	7.63E-03	1.60E-02	2.20E-01	1.14E-02	4.16E-06	1.74E-02	2.45E-03	7.65E-04	1.50E-11	3.98E-04	1.06E-06	7.57E-07	1.16E-05	7.27E-06	4.34E-05	6.88E-07	1.56E-05	2.14E-03	1.98E-04	2.55E-03
387	SG_387	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6366.900	7.22E-03	1.52E-02	2.08E-01	1.06E-02	3.92E-06	1.64E-02	2.32E-03	7.24E-04	1.42E-11	3.76E-04	9.97E-07	7.01E-07	1.10E-05	6.86E-06	4.10E-05	6.50E-07	1.48E-05	2.02E-03	1.87E-04	2.41E-03
388	SG_388	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6366.900	1.07E-02	2.25E-02	3.07E-01	1.55E-02	5.80E-06	2.31E-02	3.44E-03	1.07E-03	2.10E-11	5.57E-04	1.47E-06	1.02E-06	1.63E-05	1.01E-05	6.08E-05	9.62E-07	2.20E-05	3.00E-03	2.78E-04	3.57E-03
389	SG_389	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.900	1.59E-02	3.33E-02	4.56E-01	2.33E-02	8.59E-06	3.21E-02	5.10E-03	1.59E-03	3.11E-11	8.26E-04	2.17E-06	1.50E-06	2.42E-05	1.50E-05	9.03E-05	1.43E-06	3.26E-05	4.45E-03	4.12E-04	5.30E-03
390	SG_390	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.900	2.41E-02	5.06E-02	6.93E-01	3.47E-02	1.31E-05	4.41E-02	7.74E-03	2.42E-03	4.73E-11	1.25E-03	3.30E-06	2.29E-06	3.68E-05	2.28E-05	1.37E-04	2.17E-06	4.95E-05	6.76E-03	6.26E-04	8.06E-03
391	SG_391	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.900	3.09E-02	6.48E-02	8.88E-01	4.47E-02	1.67E-05	5.46E-02	9.91E-03	3.09E-03	6.05E-11	1.61E-03	4.23E-06	2.94E-06	4.70E-05	2.92E-05	1.75E-04	2.77E-06	6.34E-05	8.65E-03	8.01E-04	1.03E-02
393	SG_393	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.900	2.43E-02	5.09E-02	6.99E-01	3.59E-02	1.31E-05	4.20E-02	7.79E-03	2.43E-03	4.76E-11	1.26E-03	3.33E-06	2.31E-06	3.70E-05	2.30E-05	1.38E-04	2.18E-06	4.98E-05	6.80E-03	6.30E-04	8.10E-03
394	SG_394	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.900	1.95E-02	4.09E-02	5.61E-01	2.90E-02	1.06E-05	3.35E-02	6.26E-03	1.95E-03	3.82E-11	1.01E-03	2.67E-06	1.86E-06	2.97E-05	1.85E-05	1.11E-04	1.75E-06	4.00E-05	5.46E-03	5.06E-04	6.51E-03
395	SG_395	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.900	1.64E-02	3.45E-02	4.74E-01	2.45E-02	8.91E-06	2.80E-02	5.28E-03	1.65E-03	3.22E-11	8.56E-04	2.26E-06	1.57E-06	2.51E-05	1.56E-05	9.35E-05	1.48E-06	3.38E-05	4.61E-03	4.27E-04	5.49E-03
396	SG_396	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.900	1.43E-02	3.00E-02	4.13E-01	2.14E-02	7.75E-06	2.40E-02	4.59E-03	1.43E-03	2.81E-11	7.44E-04	1.96E-06	1.36E-06	2.18E-05	1.36E-05	8.13E-05	1.29E-06	2.94E-05	4.01E-03	3.71E-04	4.78E-03
399	SG_399	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.900	9.34E-03	1.96E-02	2.70E-01	1.40E-02	5.06E-06	1.48E-02	3.00E-03	9.36E-04	1.83E-11	4.86E-04	1.28E-06	8.92E-07	1.42E-05	8.85E-06	5.31E-05	8.40E-07	1.92E-05	2.62E-03	2.42E-04	3.12E-03
400	SG_400	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.900	8.06E-03	1.69E-02	2.33E-01	1.21E-02	4.37E-06	1.26E-02	2.59E-03	8.09E-04	1.58E-11	4.20E-04	1.11E-06	7.71E-07	1.23E-05	7.64E-06	4.59E-05	7.25E-07	1.66E-05	2.26E-03	2.09E-04	2.69E-03
401	SG_401	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.900	7.29E-03	1.53E-02	2.11E-01	1.09E-02	3.95E-06	1.11E-02	2.34E-03	7.31E-04	1.43E-11	3.79E-04	1.00E-06	6.97E-07	1.11E-05	6.91E-06	4.15E-05	6.56E-07	1.50E-05	2.04E-03	1.89E-04	2.44E-03
402	SG_402	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.900	6.56E-03	1.38E-02	1.90E-01	9.89E-03	3.56E-06	9.86E-03	2.11E-03	6.58E-04	1.29E-11	3.42E-04	9.02E-07	6.28E-07	1.00E-05	6.22E-06	3.73E-05	5.90E-07	1.35E-05	1.84E-03	1.70E-04	2.19E-03
403	SG_403	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.900	5.92E-03	1.24E-02	1.72E-01	8.95E-03	3.21E-06	8.75E-03	1.90E-03	5.94E-04	1.16E-11	3.08E-04	8.14E-07	5.67E-07	9.03E-06	5.62E-06	3.37E-05	5.33E-07	1.22E-05	1.66E-03	1.54E-04	1.98E-03
404	SG_404	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6367.100	2.01E-03	4.23E-03	5.86E-02	3.37E-03	1.10E-06	3.95E-03	6.47E-04	2.02E-04	3.95E-12	1.05E-04	2.79E-07	1.97E-07	3.07E-06	1.91E-06	1.15E-05	1.81E-07	4.14E-06	5.65E-04	5.23E-05	6.73E-04
405	SG_405	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6367.100	2.25E-03	4.73E-03	6.54E-02	3.80E-03	1.22E-06	4.58E-03	7.24E-04	2.26E-04	4.42E-12	1.17E-04	3.12E-07	2.20E-07	3.44E-06	2.14E-06	1.28E-05	2.03E-07	4.62E-06	6.32E-04	5.84E-05	7.53E-04
406	SG_406	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.100	2.49E-03	5.24E-03	7.23E-02	4.19E-03	1.35E-06	5.16E-03	8.01E-04	2.50E-04	4.89E-12	1.30E-04	3.45E-07	2.43E-07	3.80E-06	2.37E-06	1.42E-05	2.24E-07	5.12E-06	6.99E-04	6.47E-05	8.33E-04
407	SG_407	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6367.100	2.73E-03	5.75E-03	7.93E-02	4.51E-03	1.49E-06	5.67E-03	8.79E-04	2.74E-04	5.36E-12	1.42E-04	3.79E-07	2.67E-07	4.17E-06	2.60E-06	1.56E-05	2.46E-07	5.61E-06	7.67E-04	7.10E-05	9.14E-04
410	SG_410	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6367.100	4.04E-03	8.50E-03	1.17E-01	6.54E-03	2.20E-06	8.68E-03	1.30E-03	4.05E-04	7.93E-12	2.11E-04	5.61E-07	3.97E-07	6.17E-06	3.85E-06	2.30E-05	3.64E-07	8.30E-06	1.13E-03	1.05E-04	1.35E-03
411	SG_411	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6367.100	4.89E-03	1.03E-02	1.41E-01	7.82E-03	2.66E-06	1.05E-02	1.57E-03	4.91E-04	9.60E-12	2.55E-04	6.79E-07	4.82E-07	7.47E-06	4.66E-06	2.78E-05	4.41E-07	1.00E-05	1.37E-03	1.27E-04	1.64E-03
415	SG_415	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.100	1.38E-02	2.90E-02	3.98E-01	2.07E-02	7.54E-06	2.99E-02	4.44E-03	1.39E-03	2.71E-11	7.21E-04	1.93E-06	1.38E-06	2.11E-05	1.32E-05	7.86E-05	1.25E-06	2.84E-05	3.88E-03	3.59E-04	4.62E-03
416	SG_416	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.100	1.70E-02	3.56E-02	4.88E-01	2.60E-02	9.25E-06	3.94E-02	5.45E-03	1.70E-03	3.33E-11	8.84E-04	2.37E-06	1.70E-06	2.59E-05	1.62E-05	9.64E-05	1.53E-06	3.48E-05	4.76E-03	4.40E-04	5.67E-03
417	SG_417	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.100	1.46E-02	3.06E-02	4.19E-01	2.23E-02	7.95E-06	3.54E-02	4.68E-03	1.46E-03	2.86E-11	7.60E-04	2.03E-06	1.45E-06	2.22E-05	1.39E-05	8.29E-05	1.31E-06	2.99E-05	4.09E-03	3.78E-04	4.87E-03
418	SG_418	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6367.100	1.18E-02	2.48E-02	3.40E-01	1.76E-02	6.43E-06	2.83E-02	3.80E-03	1.19E-03	2.32E-11	6.16E-04	1.64E-06	1.15E-06	1.80E-05	1.12E-05	6.72E-05	1.07E-06	2.43E-05	3.32E-03	3.07E-04	3.95E-03
419	SG_419	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6367.100	1.93E-02	4.06E-02	5.55E-01	2.84E-02	1.05E-05	4.39E-02	6.21E-03	1.94E-03	3.79E-11	1.01E-03	2.65E-06	1.84E-06	2.95E-05	1.83E-05	1.10E-04	1.74E-06	3.97E-05	5.42E-03	5.02E-04	6.46E-03
420	SG_420	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6367.100	3.60E-02	7.56E-02	1.03E+00	5.22E-02	1.95E-05	7.27E-02	1.16E-02	3.61E-03	7.06E-11	1.87E-03	4.93E-06	3.42E-06	5.49E-05	3.41E-05	2.05E-04	3.24E-06	7.40E-05	1.01E-02	9.35E-04	1.20E-02
424	SG_424	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6367.100	2.55E-02	5.35E-02	7.33E-01	3.78E-02	1.38E-05	4.68E-02	8.18E-03	2.55E-03	5.00E-11	1.33E-03	3.49E-06	2.43E-06	3.88E-05	2.41E-05	1.45E-04	2.29E-06	5.23E-05	7.14E-03	6.61E-04	8.51E-03
425	SG_425	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.100	1.94E-02	4.08E-02	5.59E-01	2.89E-02	1.05E-05	3.51E-02	6.24E-03	1.95E-03	3.81E-11	1.01E-03	2.66E-06	1.85E-06	2.96E-05	1.84E-05	1.10E-04	1.75E-06	3.99E-05	5.44E-03	5.04E-04	6.49E-03
426	SG_426	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.100	1.56E-02	3.28E-02	4.51E-01	2.33E-02	8.47E-06	2.77E-02	5.02E-03	1.57E-03	3.07E-11	8.14E-04	2.15E-06	1.49E-06	2.38E-05	1.48E-05	8.89E-05	1.41E-06	3.21E-05	4.38E-03	4.06E-04	5.22E-03
427	SG_427	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.100	1.32E-02	2.76E-02	3.80E-01	1.97E-02	7.13E-06	2.29E-02	4.23E-03	1.32E-03	2.58E-11	6.85E-04	1.81E-06	1.26E-06	2.01E-05	1.25E-05	7.49E-05	1.18E-06	2.70E-05	3.69E-03	3.42E-04	4.40E-03
428	SG_428	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.100	1.11E-02	2.33E-02	3.21E-01	1.67E-02	6.02E-06	1.89E-02	3.57E-03	1.11E-03	2.18E-11	5.78E-04	1.53E-06	1.06E-06	1.69E-05	1.05E-05	6.31E-05	9.99E-07	2.28E-05	3.11E-03	2.88E-04	3.71E-03
429	SG_429	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.100	9.25E-03	1.94E-02	2.67E-01	1.39E-02	5.02E-06	1.54E-02	2.97E-03	9.28E-04	1.81E-11	4.82E-04	1.27E-06	8.85E-07	1.41E-05	8.77E-06	5.26E-05	8.32E-07	1.90E-05	2.59E-03	2.40E-04	3.09E-03
430	SG_430	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.100	7.90E-03	1.66E-02	2.29E-01	1.19E-02	4.29E-06	1.29E-02	2.54E-03	7.93E-04	1.55E-11	4.12E-04	1.09E-06	7.56E-07	1.21E-05	7.49E-06	4.50E-05	7.11E-07	1.62E-05	2.22E-03	2.05E-04	2.64E-03
431	SG_431	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.100	6.87E-03	1.44E-02	1.99E-01	1.04E-02	3.73E-06	1.10E-02	2.21E-03	6.89E-04	1.35E-11	3.58E-04	9.45E-07	6.58E-07	1.05E-05	6.52E-06	3.91E-05	6.18E-07	1.41E-05	1.93E-03	1.78E-04	2.30E-03
432	SG_432	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.100	6.20E-03	1.30E-02	1.80E-01	9.42E-03	3.36E-06	9.73E-03	1.99E-03	6.22E-04	1.22E-11	3.23E-04	8.53E-07	5.94E-07	9.46E-06	5.88E-06	3.53E-05	5.58E-07	1.27E-05	1.74E-03	1.61E-04	2.07E-03
433	SG_433	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6367.100	5.61E-03	1.18E-02	1.63E-01	8.56E-03	3.04E-06	8.65E-03	1.80E-03	5.62E-04	1.10E-11	2.92E-04	7.71E-07	5.38E-07	8.55E-06	5.32E-06	3.19E-05	5.05E-07	1.15E-05	1.57E-03	1.46E-04	1.87E-03
434	SG_434	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.100	5.00E-03	1.05E-02	1.45E-01	7.65E-03	2.71E-06	7.57E-03	1.61E-03	5.02E-04	9.81E-12	2.60E-04	6.88E-07	4.80E-07	7.63E-06	4.74E-06	2.84E-05	4.50E-07	1.03E-05	1.40E-03	1.30E-04	1.67E-03
435	SG_435	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6367.300	2.12E-03	4.47E-03	6.18E-02	3.59E-03	1.15E-06	4.23E-03	6.83E-04	2.13E-04	4.17E-12	1.11E-04	2.94E-07	2.07E-07	3.24E-06	2.02E-06	1.21E-05	1.91E-07	4.36E-06	5.96E-04	5.51E-05	7.10E-04
436	SG_436	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6367.300	2.30E-03	4.84E-03	6.68E-02	3.84E-03	1.25E-06	4.63E-03	7.39E-04	2.31E-04	4.51E-12	1.20E-04	3.18E-07	2.24E-07	3.51E-06	2.19E-06	1.31E-05	2.07E-07	4.73E-06	6.45E-04	5.97E-05	7.69E-04
437	SG_437	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.300	2.50E-03	5.25E-03	7.25E-02	4.10E-03	1.36E-06	5.07E-03	8.03E-04	2.50E-04	4.90E-12	1.30E-04	3.45E-07	2.43E-07	3.81E-06	2.37E-06	1.42E-05	2.25E-07	5.13E-06	7.00E-04	6.48E-05	8.35E-04
441	SG_441	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6367.300	4.04E-03	8.49E-03	1.17E-01	6.50E-03	2.20E-06	8.87E-03	1.30E-03	4.05E-04	7.92E-12	2.10E-04	5.59E-07	3.94E-07	6.16E-06	3.84E-06	2.30E-05	3.64E-07	8.29E-06	1.13E-03	1.05E-04	1.35E-03
446	SG_446	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.300	1.41E-02	2.97E-02	4.06E-01	2.17E-02	7.69E-06	3.27E-02	4.54E-03	1.42E-03	2.77E-11	7.36E-04	1.96E-06	1.39E-06	2.16E-05	1.34E-05	8.04E-05	1.27E-06	2.90E-05	3.96E-03	3.67E-04	4.72E-03
447	SG_447	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.300	2.35E-02	4.92E-02	6.74E-01	3.56E-02	1.28E-05	5.45E-02	7.54E-03	2.35E-03	4.60E-11	1.22E-03	3.27E-06	2.33E-06	3.58E-05	2.23E-05	1.33E-04	2.11E-06	4.81E-05	6.58E-03	6.08E-04	7.84E-03
448	SG_448	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.300	3.48E-02	7.31E-02	1.00E+00	5.26E-02	1.90E-05	8.44E-02	1.12E-02	3.49E-03	6.83E-11	1.82E-03	4.85E-06	3.47E-06	5.31E-05	3.32E-05	1.98E-04	3.14E-06	7.14E-05	9.76E-03	9.03E-04	1.16E-02
450	SG_450	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6367.300	5.24E-02	1.10E-01	1.50E+00	7.81E-02	2.84E-05	1.24E-01	1.68E-02	5.26E-03	1.03E-10	2.73E-03	7.19E-06	4.98E-06	7.99E-05	4.97E-05	2.98E-04	4.71E-06	1.08E-04	1.47E-02	1.36E-03	1.75E-02
456	SG_456	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.300	1.62E-02	3.40E-02	4.66E-01	2.43E-02	8.78E-06	3.05E-02	5.20E-03	1.62E-03	3.18E-11	8.43E-04	2.22E-06	1.55E-06	2.47E-05	1.53E-05	9.21E-05	1.46E-06	3.33E-05	4.54E-03	4.20E-04	5.41E-03
457	SG_457	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.300	1.28E-02	2.68E-02	3.68E-01	1.93E-02	6.91E-06	2.34E-02	4.10E-03	1.28E-03	2.50E-11	6.64E-04	1.75E-06	1.22E-06	1.94E-05	1.21E-05	7.25E-05	1.15E-06	2.62E-05	3.58E-03	3.31E-04	4.26E-03
458	SG_458	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.300	1.06E-02	2.23E-02	3.07E-01	1.62E-02	5.77E-06	1.91E-02	3.42E-03	1.07E-03	2.09E-11	5.54E-04	1.46E-06	1.02E-06	1.62E-05	1.01E-05	6.05E-05	9.57E-07	2.19E-05	2.98E-03	2.76E-04	3.55E-03
459	SG_459	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.300	9.23E-03	1.94E-02	2.67E-01	1.41E-02	5.01E-06	1.62E-02	2.97E-03	9.26E-04	1.81E-11	4.81E-04	1.27E-06	8.85E-07	1.41E-05	8.75E-06	5.25E-05	8.31E-07	1.90E-05	2.59E-03	2.40E-04	3.09E-03
460	SG_460	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.300	8.16E-03	1.71E-02	2.36E-01	1.25E-02	4.42E-06	1.41E-02	2.62E-03	8.18E-04	1.60E-11	4.25E-04	1.12E-06	7.82E-07	1.24E-05	7.74E-06	4.64E-05	7.34E-07	1.68E-05	2.29E-03	2.12E-04	2.73E-03
461	SG_461	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.300	6.70E-03	1.41E-02	1.94E-01	1.03E-02	3.64E-06	1.12E-02	2.15E-03	6.72E-04	1.32E-11	3.49E-04	9.22E-07	6.43E-07	1.02E-05	6.36E-06	3.81E-05	6.03E-07	1.38E-05	1.88E-03	1.74E-04	2.24E-03
462	SG_462	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.300	5.89E-03	1.24E-02	1.71E-01	9.09E-03	3.20E-06	9.66E-03	1.89E-03	5.91E-04	1.16E-11	3.07E-04	8.11E-07	5.66E-07	8.98E-06	5.59E-06	3.35E-05	5.30E-07	1.21E-05	1.65E-03	1.53E-04	1.97E-03
463	SG_463	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.300	5.25E-03	1.10E-02	1.53E-01	8.13E-03	2.85E-06	8.42E-03	1.69E-03	5.26E-04	1.03E-11	2.73E-04	7.22E-07	5.04E-07	8.01E-06	4.98E-06	2.99E-05	4.72E-07	1.08E-05	1.47E-03	1.36E-04	1.75E-03
464	SG_464	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6367.300	4.60E-03	9.67E-03	1.34E-01	7.14E-03	2.50E-06	7.23E-03	1.48E-03	4.62E-04	9.03E-12	2.40E-04	6.34E-07	4.43E-07	7.02E-06	4.37E-06	2.62E-05	4.14E-07	9.46E-06	1.29E-03	1.20E-04	1.54E-03
465	SG_465	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.300	4.11E-03	8.64E-03	1.20E-01	6.39E-03	2.23E-06	6.32E-03	1.32E-03	4.12E-04	8.07E-12	2.14E-04	5.66E-07	3.96E-07	6.27E-06	3.90E-06	2.34E-05	3.70E-07	8.45E-06	1.15E-03	1.07E-04	1.37E-03
466	SG_466	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6367.500	2.10E-03	4.42E-03	6.11E-02	3.56E-03	1.14E-06	4.17E-03	6.75E-04	2.11E-04	4.12E-12	1.09E-04	2.90E-07	2.04E-07	3.21E-06	2.00E-06	1.20E-05	1.89E-07	4.32E-06	5.89E-04	5.45E-05	7.02E-04
475	SG_475	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6367.500	7.51E-03	1.58E-02	2.16E-01	1.20E-02	4.08E-06	1.79E-02	2.41E-03	7.53E-04	1.47E-11	3.91E-04	1.04E-06	7.32E-07	1.15E-05	7.14E-06	4.27E-05	6.77E-07	1.54E-05	2.11E-03	1.95E-04	2.51E-03
476	SG_476	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6367.500	1.02E-02	2.14E-02	2.93E-01	1.64E-02	5.53E-06	2.53E-02	3.27E-03	1.02E-03	2.00E-11	5.30E-04	1.41E-06	9.91E-07	1.55E-05	9.67E-06	5.79E-05	9.16E-07	2.09E-05	2.85E-03	2.64E-04	3.40E-03
477	SG_477	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.500	1.45E-02	3.05E-02	4.17E-01	2.29E-02	7.88E-06	3.62E-02	4.66E-03	1.45E-03	2.84E-11	7.55E-04	2.01E-06	1.42E-06	2.21E-05	1.38E-05	8.25E-05	1.31E-06	2.98E-05	4.07E-03	3.76E-04	4.85E-03
478	SG_478	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.500	2.44E-02	5.12E-02	6.99E-01	3.76E-02	1.32E-05	6.14E-02	7.83E-03	2.44E-03	4.78E-11	1.27E-03	3.37E-06	2.38E-06	3.72E-05	2.32E-05	1.39E-04	2.19E-06	5.00E-05	6.83E-03	6.32E-04	8.14E-03
479	SG_479	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.500	5.20E-02	1.09E-01	1.49E+00	8.00E-02	2.83E-05	1.34E-01	1.67E-02	5.21E-03	1.02E-10	2.71E-03	7.21E-06	5.10E-06	7.94E-05	4.95E-05	2.96E-04	4.69E-06	1.07E-04	1.46E-02	1.35E-03	1.74E-02
487	SG_487	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.500	1.21E-02	2.54E-02	3.48E-01	1.87E-02	6.55E-06	2.35E-02	3.88E-03	1.21E-03	2.37E-11	6.29E-04	1.66E-06	1.16E-06	1.84E-05	1.15E-05	6.88E-05	1.09E-06	2.48E-05	3.39E-03	3.14E-04	4.04E-03
488	SG_488	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.500	9.61E-03	2.02E-02	2.77E-01	1.49E-02	5.21E-06	1.81E-02	3.09E-03	9.63E-04	1.88E-11	5.00E-04	1.32E-06	9.21E-07	1.47E-05	9.11E-06	5.46E-05	8.64E-07	1.97E-05	2.69E-03	2.49E-04	3.21E-03
489	SG_489	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.500	8.26E-03	1.73E-02	2.39E-01	1.29E-02	4.48E-06	1.52E-02	2.65E-03	8.28E-04	1.62E-11	4.30E-04	1.14E-06	7.92E-07	1.26E-05	7.83E-06	4.70E-05	7.43E-07	1.70E-05	2.32E-03	2.14E-04	2.76E-03
490	SG_490	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.500	7.83E-03	1.65E-02	2.27E-01	1.23E-02	4.25E-06	1.42E-02	2.52E-03	7.85E-04	1.54E-11	4.08E-04	1.08E-06	7.53E-07	1.19E-05	7.43E-06	4.45E-05	7.05E-07	1.61E-05	2.20E-03	2.03E-04	2.62E-03
491	SG_491	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.500	6.73E-03	1.41E-02	1.95E-01	1.06E-02	3.65E-06	1.18E-02	2.16E-03	6.75E-04	1.32E-11	3.51E-04	9.27E-07	6.47E-07	1.03E-05	6.39E-06	3.83E-05	6.06E-07	1.38E-05	1.89E-03	1.75E-04	2.25E-03
492	SG_492	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.500	5.44E-03	1.14E-02	1.58E-01	8.55E-03	2.95E-06	9.22E-03	1.75E-03	5.45E-04	1.07E-11	2.83E-04	7.48E-07	5.23E-07	8.29E-06	5.16E-06	3.09E-05	4.89E-07	1.12E-05	1.52E-03	1.41E-04	1.82E-03

AQIA DATA - SCENARIO 1 COMMERCIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.24E-01**	**2.60E-01**	**3.55E+00**	**1.99E-01**	**6.74E-05**	**3.58E-01**	**3.98E-02**	**1.24E-02**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**3.47E-02**	**3.21E-03**	**4.14E-02**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
493	SG_493	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.500	4.85E-03	1.02E-02	1.41E-01	7.64E-03	2.63E-06	8.01E-03	1.56E-03	4.86E-04	9.51E-12	2.52E-04	6.67E-07	4.66E-07	7.39E-06	4.60E-06	2.76E-05	4.36E-07	9.96E-06	1.36E-03	1.26E-04	1.62E-03
494	SG_494	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.500	4.33E-03	9.10E-03	1.26E-01	6.85E-03	2.35E-06	6.99E-03	1.39E-03	4.34E-04	8.50E-12	2.26E-04	5.96E-07	4.17E-07	6.61E-06	4.11E-06	2.46E-05	3.90E-07	8.90E-06	1.21E-03	1.12E-04	1.45E-03
495	SG_495	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6367.500	3.83E-03	8.06E-03	1.12E-01	6.07E-03	2.08E-06	6.03E-03	1.23E-03	3.84E-04	7.52E-12	2.00E-04	5.28E-07	3.69E-07	5.85E-06	3.64E-06	2.18E-05	3.45E-07	7.88E-06	1.08E-03	9.95E-05	1.28E-03
496	SG_496	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.500	3.50E-03	7.36E-03	1.02E-01	5.55E-03	1.90E-06	5.38E-03	1.12E-03	3.51E-04	6.87E-12	1.82E-04	4.82E-07	3.37E-07	5.34E-06	3.32E-06	1.99E-05	3.15E-07	7.19E-06	9.82E-04	9.09E-05	1.17E-03
499	SG_499	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.700	2.48E-03	5.20E-03	7.19E-02	4.17E-03	1.35E-06	5.10E-03	7.96E-04	2.48E-04	4.86E-12	1.29E-04	3.42E-07	2.40E-07	3.78E-06	2.35E-06	1.41E-05	2.23E-07	5.08E-06	6.94E-04	6.43E-05	8.27E-04
504	SG_504	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6367.700	4.79E-03	1.01E-02	1.38E-01	7.88E-03	2.60E-06	1.11E-02	1.54E-03	4.80E-04	9.40E-12	2.50E-04	6.62E-07	4.65E-07	7.31E-06	4.55E-06	2.72E-05	4.31E-07	9.84E-06	1.34E-03	1.24E-04	1.60E-03
505	SG_505	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6367.700	5.85E-03	1.23E-02	1.69E-01	9.58E-03	3.18E-06	1.39E-02	1.88E-03	5.87E-04	1.15E-11	3.05E-04	8.08E-07	5.68E-07	8.92E-06	5.56E-06	3.33E-05	5.27E-07	1.20E-05	1.64E-03	1.52E-04	1.96E-03
506	SG_506	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6367.700	7.39E-03	1.55E-02	2.13E-01	1.20E-02	4.01E-06	1.80E-02	2.37E-03	7.41E-04	1.45E-11	3.85E-04	1.02E-06	7.17E-07	1.13E-05	7.02E-06	4.20E-05	6.65E-07	1.52E-05	2.07E-03	1.92E-04	2.47E-03
507	SG_507	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6367.700	9.81E-03	2.06E-02	2.82E-01	1.57E-02	5.33E-06	2.42E-02	3.15E-03	9.83E-04	1.92E-11	5.11E-04	1.36E-06	9.53E-07	1.50E-05	9.32E-06	5.58E-05	8.83E-07	2.01E-05	2.75E-03	2.55E-04	3.28E-03
508	SG_508	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.700	1.40E-02	2.95E-02	4.03E-01	2.20E-02	7.62E-06	3.49E-02	4.51E-03	1.41E-03	2.75E-11	7.31E-04	1.94E-06	1.37E-06	2.14E-05	1.33E-05	7.98E-05	1.26E-06	2.88E-05	3.93E-03	3.64E-04	4.69E-03
509	SG_509	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.700	2.39E-02	5.02E-02	6.85E-01	3.76E-02	1.30E-05	6.16E-02	7.67E-03	2.39E-03	4.68E-11	1.24E-03	3.30E-06	2.33E-06	3.64E-05	2.27E-05	1.36E-04	2.15E-06	4.90E-05	6.70E-03	6.20E-04	7.98E-03
510	SG_510	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.700	4.81E-02	1.01E-01	1.38E+00	7.81E-02	2.62E-05	1.33E-01	1.55E-02	4.82E-03	9.43E-11	2.51E-03	6.66E-06	4.70E-06	7.34E-05	4.57E-05	2.74E-04	4.33E-06	9.87E-05	1.35E-02	1.25E-03	1.61E-02
511	SG_511	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6367.700	1.08E-01	2.27E-01	3.10E+00	1.76E-01	5.89E-05	3.14E-01	3.48E-02	1.09E-02	2.12E-10	5.64E-03	1.50E-05	1.06E-05	1.65E-04	1.03E-04	6.16E-04	9.75E-06	2.22E-04	3.04E-02	2.81E-03	3.62E-02
518	SG_518	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.700	9.14E-03	1.92E-02	2.64E-01	1.46E-02	4.95E-06	1.78E-02	2.94E-03	9.16E-04	1.79E-11	4.76E-04	1.26E-06	8.74E-07	1.39E-05	8.66E-06	5.20E-05	8.22E-07	1.88E-05	2.56E-03	2.37E-04	3.05E-03
519	SG_519	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.700	7.47E-03	1.57E-02	2.16E-01	1.19E-02	4.05E-06	1.41E-02	2.40E-03	7.49E-04	1.46E-11	3.89E-04	1.03E-06	7.15E-07	1.14E-05	7.08E-06	4.25E-05	6.72E-07	1.53E-05	2.09E-03	1.94E-04	2.50E-03
520	SG_520	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.700	6.53E-03	1.37E-02	1.89E-01	1.05E-02	3.54E-06	1.20E-02	2.10E-03	6.55E-04	1.28E-11	3.40E-04	8.98E-07	6.26E-07	9.96E-06	6.19E-06	3.71E-05	5.88E-07	1.34E-05	1.83E-03	1.69E-04	2.18E-03
521	SG_521	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.700	6.05E-03	1.27E-02	1.75E-01	9.74E-03	3.28E-06	1.09E-02	1.94E-03	6.07E-04	1.19E-11	3.15E-04	8.33E-07	5.81E-07	9.23E-06	5.74E-06	3.44E-05	5.45E-07	1.24E-05	1.70E-03	1.57E-04	2.02E-03
522	SG_522	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.700	5.53E-03	1.16E-02	1.61E-01	8.92E-03	3.00E-06	9.69E-03	1.78E-03	5.55E-04	1.08E-11	2.88E-04	7.61E-07	5.31E-07	8.43E-06	5.25E-06	3.15E-05	4.98E-07	1.14E-05	1.55E-03	1.44E-04	1.85E-03
523	SG_523	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.700	4.90E-03	1.03E-02	1.43E-01	7.92E-03	2.66E-06	8.35E-03	1.57E-03	4.91E-04	9.61E-12	2.55E-04	6.75E-07	4.71E-07	7.48E-06	4.65E-06	2.79E-05	4.41E-07	1.01E-05	1.37E-03	1.27E-04	1.64E-03
524	SG_524	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.700	4.20E-03	8.83E-03	1.22E-01	6.80E-03	2.28E-06	6.93E-03	1.35E-03	4.21E-04	8.24E-12	2.19E-04	5.78E-07	4.04E-07	6.41E-06	3.99E-06	2.39E-05	3.78E-07	8.63E-06	1.18E-03	1.09E-04	1.40E-03
525	SG_525	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.700	3.86E-03	8.12E-03	1.13E-01	6.26E-03	2.10E-06	6.22E-03	1.24E-03	3.87E-04	7.58E-12	2.01E-04	5.32E-07	3.72E-07	5.89E-06	3.66E-06	2.20E-05	3.48E-07	7.93E-06	1.08E-03	1.00E-04	1.29E-03
527	SG_527	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.700	3.13E-03	6.57E-03	9.15E-02	5.08E-03	1.70E-06	4.79E-03	1.00E-03	3.14E-04	6.13E-12	1.63E-04	4.31E-07	3.01E-07	4.77E-06	2.97E-06	1.78E-05	2.81E-07	6.42E-06	8.77E-04	8.11E-05	1.04E-03
530	SG_530	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.900	2.46E-03	5.17E-03	7.14E-02	4.16E-03	1.33E-06	5.05E-03	7.90E-04	2.46E-04	4.82E-12	1.28E-04	3.39E-07	2.38E-07	3.75E-06	2.33E-06	1.40E-05	2.21E-07	5.05E-06	6.89E-04	6.38E-05	8.21E-04
531	SG_531	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6367.900	2.72E-03	5.71E-03	7.88E-02	4.55E-03	1.48E-06	5.67E-03	8.73E-04	2.72E-04	5.33E-12	1.41E-04	3.75E-07	2.63E-07	4.14E-06	2.58E-06	1.55E-05	2.45E-07	5.58E-06	7.62E-04	7.05E-05	9.08E-04
535	SG_535	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6367.900	4.67E-03	9.82E-03	1.35E-01	7.68E-03	2.54E-06	1.06E-02	1.50E-03	4.69E-04	9.17E-12	2.43E-04	6.45E-07	4.53E-07	7.13E-06	4.44E-06	2.66E-05	4.21E-07	9.60E-06	1.31E-03	1.21E-04	1.56E-03
536	SG_536	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6367.900	5.61E-03	1.18E-02	1.62E-01	9.16E-03	3.05E-06	1.31E-02	1.80E-03	5.62E-04	1.10E-11	2.92E-04	7.75E-07	5.44E-07	8.56E-06	5.33E-06	3.19E-05	5.05E-07	1.15E-05	1.57E-03	1.46E-04	1.87E-03
537	SG_537	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6367.900	6.96E-03	1.46E-02	2.00E-01	1.13E-02	3.78E-06	1.65E-02	2.23E-03	6.97E-04	1.36E-11	3.62E-04	9.60E-07	6.75E-07	1.06E-05	6.61E-06	3.96E-05	6.26E-07	1.43E-05	1.95E-03	1.80E-04	2.32E-03
538	SG_538	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6367.900	8.84E-03	1.86E-02	2.54E-01	1.42E-02	4.80E-06	2.11E-02	2.84E-03	8.86E-04	1.73E-11	4.60E-04	1.22E-06	8.59E-07	1.35E-05	8.40E-06	5.03E-05	7.96E-07	1.81E-05	2.48E-03	2.29E-04	2.95E-03
539	SG_539	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.900	1.22E-02	2.56E-02	3.50E-01	1.97E-02	6.62E-06	3.01E-02	3.92E-03	1.22E-03	2.39E-11	6.35E-04	1.68E-06	1.19E-06	1.86E-05	1.16E-05	6.93E-05	1.10E-06	2.50E-05	3.42E-03	3.16E-04	4.07E-03
540	SG_540	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.900	1.88E-02	3.94E-02	5.39E-01	3.13E-02	1.02E-05	4.92E-02	6.03E-03	1.88E-03	3.68E-11	9.77E-04	2.59E-06	1.83E-06	2.86E-05	1.78E-05	1.07E-04	1.69E-06	3.85E-05	5.26E-03	4.87E-04	6.27E-03
541	SG_541	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.900	3.19E-02	6.70E-02	9.16E-01	5.29E-02	1.73E-05	8.54E-02	1.03E-02	3.20E-03	6.26E-11	1.66E-03	4.42E-06	3.12E-06	4.87E-05	3.03E-05	1.81E-04	2.87E-06	6.55E-05	8.95E-03	8.28E-04	1.07E-02
542	SG_542	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6367.900	5.11E-02	1.07E-01	1.47E+00	8.15E-02	2.78E-05	1.35E-01	1.64E-02	5.12E-03	1.00E-10	2.66E-03	7.06E-06	4.97E-06	7.79E-05	4.85E-05	2.90E-04	4.60E-06	1.05E-04	1.43E-02	1.33E-03	1.71E-02
549	SG_549	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.900	7.52E-03	1.58E-02	2.17E-01	1.23E-02	4.08E-06	1.47E-02	2.41E-03	7.54E-04	1.47E-11	3.91E-04	1.03E-06	7.19E-07	1.15E-05	7.13E-06	4.28E-05	6.76E-07	1.54E-05	2.11E-03	1.95E-04	2.51E-03
550	SG_550	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.900	6.64E-03	1.39E-02	1.92E-01	1.09E-02	3.60E-06	1.26E-02	2.13E-03	6.66E-04	1.30E-11	3.46E-04	9.12E-07	6.35E-07	1.01E-05	6.29E-06	3.78E-05	5.97E-07	1.36E-05	1.86E-03	1.72E-04	2.22E-03
551	SG_551	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.900	5.82E-03	1.22E-02	1.69E-01	9.52E-03	3.16E-06	1.07E-02	1.87E-03	5.83E-04	1.14E-11	3.03E-04	8.00E-07	5.57E-07	8.87E-06	5.52E-06	3.31E-05	5.23E-07	1.20E-05	1.63E-03	1.51E-04	1.94E-03
552	SG_552	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.900	5.28E-03	1.11E-02	1.53E-01	8.66E-03	2.87E-06	9.50E-03	1.70E-03	5.30E-04	1.04E-11	2.75E-04	7.26E-07	5.06E-07	8.06E-06	5.01E-06	3.00E-05	4.75E-07	1.09E-05	1.48E-03	1.37E-04	1.77E-03
553	SG_553	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.900	4.66E-03	9.80E-03	1.36E-01	7.66E-03	2.53E-06	8.14E-03	1.50E-03	4.68E-04	9.15E-12	2.43E-04	6.41E-07	4.47E-07	7.11E-06	4.42E-06	2.65E-05	4.19E-07	9.58E-06	1.31E-03	1.21E-04	1.56E-03
554	SG_554	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.900	4.27E-03	8.97E-03	1.24E-01	7.02E-03	2.32E-06	7.27E-03	1.37E-03	4.28E-04	8.37E-12	2.22E-04	5.87E-07	4.10E-07	6.51E-06	4.05E-06	2.43E-05	3.84E-07	8.77E-06	1.20E-03	1.11E-04	1.43E-03
555	SG_555	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.900	3.91E-03	8.22E-03	1.14E-01	6.45E-03	2.12E-06	6.50E-03	1.26E-03	3.92E-04	7.68E-12	2.04E-04	5.39E-07	3.76E-07	5.97E-06	3.71E-06	2.23E-05	3.52E-07	8.04E-06	1.10E-03	1.02E-04	1.31E-03
556	SG_556	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.900	3.55E-03	7.46E-03	1.04E-01	5.87E-03	1.93E-06	5.75E-03	1.14E-03	3.56E-04	6.97E-12	1.85E-04	4.89E-07	3.41E-07	5.42E-06	3.37E-06	2.02E-05	3.20E-07	7.30E-06	9.96E-04	9.22E-05	1.19E-03
563	SG_563	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6368.100	3.14E-03	6.59E-03	9.09E-02	5.32E-03	1.70E-06	6.69E-03	1.01E-03	3.15E-04	6.15E-12	1.63E-04	4.33E-07	3.04E-07	4.78E-06	2.98E-06	1.78E-05	2.82E-07	6.44E-06	8.80E-04	8.14E-05	1.05E-03
566	SG_566	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6368.100	4.53E-03	9.52E-03	1.31E-01	7.58E-03	2.46E-06	1.02E-02	1.46E-03	4.54E-04	8.89E-12	2.36E-04	6.25E-07	4.39E-07	6.91E-06	4.30E-06	2.58E-05	4.08E-07	9.31E-06	1.27E-03	1.18E-04	1.51E-03
567	SG_567	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.100	5.30E-03	1.11E-02	1.53E-01	8.84E-03	2.88E-06	1.21E-02	1.70E-03	5.31E-04	1.04E-11	2.76E-04	7.31E-07	5.14E-07	8.08E-06	5.03E-06	3.01E-05	4.77E-07	1.09E-05	1.49E-03	1.38E-04	1.77E-03
568	SG_568	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.100	6.37E-03	1.34E-02	1.84E-01	1.07E-02	3.46E-06	1.49E-02	2.05E-03	6.39E-04	1.25E-11	3.32E-04	8.79E-07	6.17E-07	9.71E-06	6.05E-06	3.62E-05	5.73E-07	1.31E-05	1.79E-03	1.65E-04	2.13E-03
569	SG_569	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.100	7.96E-03	1.67E-02	2.29E-01	1.35E-02	4.32E-06	1.93E-02	2.56E-03	7.98E-04	1.56E-11	4.14E-04	1.10E-06	7.72E-07	1.21E-05	7.56E-06	4.53E-05	7.16E-07	1.63E-05	2.23E-03	2.06E-04	2.66E-03
570	SG_570	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.100	9.68E-03	2.03E-02	2.79E-01	1.65E-02	5.26E-06	2.39E-02	3.11E-03	9.70E-04	1.90E-11	5.04E-04	1.34E-06	9.40E-07	1.48E-05	9.19E-06	5.50E-05	8.72E-07	1.99E-05	2.71E-03	2.51E-04	3.23E-03
571	SG_571	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.100	1.42E-02	2.98E-02	4.08E-01	2.41E-02	7.70E-06	3.56E-02	4.55E-03	1.42E-03	2.78E-11	7.38E-04	1.96E-06	1.38E-06	2.16E-05	1.35E-05	8.06E-05	1.28E-06	2.91E-05	3.97E-03	3.68E-04	4.74E-03
572	SG_572	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.100	2.49E-02	5.22E-02	7.14E-01	4.09E-02	1.35E-05	6.25E-02	7.99E-03	2.49E-03	4.88E-11	1.30E-03	3.44E-06	2.42E-06	3.79E-05	2.36E-05	1.41E-04	2.24E-06	5.10E-05	6.97E-03	6.45E-04	8.31E-03
574	SG_574	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.100	2.02E-02	4.24E-02	5.80E-01	3.02E-02	1.09E-05	4.63E-02	6.48E-03	2.02E-03	3.96E-11	1.05E-03	2.78E-06	1.94E-06	3.08E-05	1.91E-05	1.15E-04	1.82E-06	4.14E-05	5.66E-03	5.24E-04	6.74E-03
576	SG_576	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.100	1.31E-02	2.76E-02	3.78E-01	2.06E-02	7.13E-06	2.98E-02	4.22E-03	1.32E-03	2.58E-11	6.84E-04	1.81E-06	1.26E-06	2.00E-05	1.25E-05	7.47E-05	1.18E-06	2.70E-05	3.68E-03	3.41E-04	4.39E-03
578	SG_578	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.100	7.37E-03	1.55E-02	2.13E-01	1.22E-02	4.00E-06	1.54E-02	2.37E-03	7.39E-04	1.45E-11	3.84E-04	1.01E-06	7.06E-07	1.12E-05	6.99E-06	4.19E-05	6.63E-07	1.51E-05	2.07E-03	1.91E-04	2.46E-03
579	SG_579	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.100	6.65E-03	1.40E-02	1.92E-01	1.11E-02	3.61E-06	1.35E-02	2.14E-03	6.67E-04	1.30E-11	3.46E-04	9.14E-07	6.38E-07	1.01E-05	6.31E-06	3.78E-05	5.98E-07	1.37E-05	1.86E-03	1.73E-04	2.22E-03
580	SG_580	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.100	6.14E-03	1.29E-02	1.78E-01	1.02E-02	3.33E-06	1.21E-02	1.97E-03	6.16E-04	1.21E-11	3.20E-04	8.45E-07	5.89E-07	9.37E-06	5.83E-06	3.49E-05	5.53E-07	1.26E-05	1.72E-03	1.59E-04	2.05E-03
581	SG_581	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.100	5.96E-03	1.25E-02	1.73E-01	9.90E-03	3.24E-06	1.15E-02	1.92E-03	5.98E-04	1.17E-11	3.11E-04	8.20E-07	5.72E-07	9.10E-06	5.66E-06	3.39E-05	5.37E-07	1.23E-05	1.67E-03	1.55E-04	1.99E-03
582	SG_582	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.100	5.08E-03	1.07E-02	1.47E-01	8.42E-03	2.75E-06	9.35E-03	1.63E-03	5.09E-04	9.96E-12	2.64E-04	6.98E-07	4.87E-07	7.74E-06	4.82E-06	2.89E-05	4.57E-07	1.04E-05	1.42E-03	1.32E-04	1.70E-03
583	SG_583	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.100	4.76E-03	1.00E-02	1.38E-01	7.89E-03	2.58E-06	8.56E-03	1.53E-03	4.78E-04	9.35E-12	2.48E-04	6.55E-07	4.57E-07	7.27E-06	4.52E-06	2.71E-05	4.29E-07	9.79E-06	1.34E-03	1.24E-04	1.59E-03
584	SG_584	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.100	4.55E-03	9.57E-03	1.32E-01	7.53E-03	2.47E-06	8.02E-03	1.46E-03	4.57E-04	8.94E-12	2.37E-04	6.27E-07	4.37E-07	6.95E-06	4.32E-06	2.59E-05	4.10E-07	9.36E-06	1.28E-03	1.18E-04	1.52E-03
585	SG_585	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.100	4.09E-03	8.59E-03	1.19E-01	6.77E-03	2.22E-06	6.99E-03	1.31E-03	4.10E-04	8.02E-12	2.13E-04	5.63E-07	3.93E-07	6.24E-06	3.88E-06	2.33E-05	3.68E-07	8.40E-06	1.15E-03	1.06E-04	1.37E-03
586	SG_586	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.100	3.79E-03	7.95E-03	1.10E-01	6.27E-03	2.05E-06	6.33E-03	1.22E-03	3.80E-04	7.43E-12	1.97E-04	5.21E-07	3.64E-07	5.77E-06	3.59E-06	2.15E-05	3.41E-07	7.78E-06	1.06E-03	9.82E-05	1.27E-03
587	SG_587	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.100	3.30E-03	6.93E-03	9.64E-02	5.48E-03	1.79E-06	5.33E-03	1.06E-03	3.31E-04	6.47E-12	1.72E-04	4.54E-07	3.17E-07	5.03E-06	3.13E-06	1.88E-05	2.97E-07	6.78E-06	9.25E-04	8.56E-05	1.10E-03
588	SG_588	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.100	2.91E-03	6.12E-03	8.53E-02	4.85E-03	1.58E-06	4.57E-03	9.36E-04	2.92E-04	5.72E-12	1.52E-04	4.01E-07	2.80E-07	4.44E-06	2.76E-06	1.66E-05	2.62E-07	5.99E-06	8.17E-04	7.56E-05	9.74E-04
596	SG_596	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6368.300	3.72E-03	7.82E-03	1.08E-01	6.39E-03	2.02E-06	8.05E-03	1.20E-03	3.73E-04	7.30E-12	1.94E-04	5.13E-07	3.60E-07	5.68E-06	3.53E-06	2.12E-05	3.35E-07	7.64E-06	1.04E-03	9.66E-05	1.24E-03
598	SG_598	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.300	4.79E-03	1.01E-02	1.38E-01	8.30E-03	2.60E-06	1.09E-02	1.54E-03	4.80E-04	9.39E-12	2.49E-04	6.60E-07	4.63E-07	7.30E-06	4.54E-06	2.72E-05	4.31E-07	9.83E-06	1.34E-03	1.24E-04	1.60E-03
599	SG_599	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.300	5.58E-03	1.17E-02	1.61E-01	9.84E-03	3.03E-06	1.31E-02	1.79E-03	5.60E-04	1.10E-11	2.91E-04	7.70E-07	5.40E-07	8.52E-06	5.30E-06	3.18E-05	5.03E-07	1.15E-05	1.57E-03	1.45E-04	1.87E-03
600	SG_600	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.300	6.48E-03	1.36E-02	1.87E-01	1.14E-02	3.52E-06	1.54E-02	2.08E-03	6.49E-04	1.27E-11	3.37E-04	8.94E-07	6.28E-07	9.88E-06	6.15E-06	3.68E-05	5.83E-07	1.33E-05	1.82E-03	1.68E-04	2.16E-03
601	SG_601	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.300	8.13E-03	1.71E-02	2.35E-01	1.41E-02	4.42E-06	1.92E-02	2.61E-03	8.15E-04	1.60E-11	4.24E-04	1.12E-06	7.91E-07	1.24E-05	7.73E-06	4.63E-05	7.32E-07	1.67E-05	2.28E-03	2.11E-04	2.72E-03
602	SG_602	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.300	1.25E-02	2.63E-02	3.61E-01	2.12E-02	6.80E-06	2.96E-02	4.02E-03	1.25E-03	2.45E-11	6.52E-04	1.73E-06	1.22E-06	1.91E-05	1.19E-05	7.12E-05	1.13E-06	2.57E-05	3.51E-03	3.25E-04	4.18E-03
603	SG_603	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.300	1.89E-02	3.96E-02	5.43E-01	3.10E-02	1.03E-05	4.54E-02	6.06E-03	1.89E-03	3.70E-11	9.83E-04	2.60E-06	1.83E-06	2.88E-05	1.79E-05	1.07E-04	1.70E-06	3.88E-05	5.29E-03	4.90E-04	6.31E-03
604	SG_604	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.300	1.83E-02	3.85E-02	5.27E-01	2.94E-02	9.94E-06	4.43E-02	5.88E-03	1.84E-03	3.59E-11	9.54E-04	2.52E-06	1.76E-06	2.79E-05	1.74E-05	1.04E-04	1.65E-06	3.76E-05	5.14E-03	4.75E-04	6.12E-03
605	SG_605	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.300	1.31E-02	2.76E-02	3.78E-01	1.99E-02	7.13E-06	2.92E-02	4.22E-03	1.32E-03	2.58E-11	6.84E-04	1.81E-06	1.26E-06	2.00E-05	1.25E-05	7.47E-05	1.18E-06	2.70E-05	3.68E-03	3.41E-04	4.39E-03
606	SG_606	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.300	1.09E-02	2.30E-02	3.15E-01	1.65E-02	5.93E-06	2.42E-02	3.51E-03	1.10E-03	2.14E-11	5.69E-04	1.51E-06	1.05E-06	1.67E-05	1.04E-05	6.22E-05	9.84E-07	2.24E-05	3.06E-03	2.84E-04	3.65E-03
607	SG_607	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.300	1.08E-02	2.27E-02	3.11E-01	1.67E-02	5.86E-06	2.40E-02	3.47E-03	1.08E-03	2.12E-11	5.62E-04	1.49E-06	1.04E-06	1.65E-05	1.02E-05	6.14E-05	9.71E-07	2.22E-05	3.03E-03	2.80E-04	3.61E-03
608	SG_608	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.300	8.51E-03	1.79E-02	2.46E-01	1.35E-02	4.62E-06	1.84E-02	2.73E-03	8.53E-04	1.67E-11	4.43E-04	1.17E-06	8.18E-07	1.30E-05	8.07E-06	4.84E-05	7.66E-07	1.75E-05	2.39E-03	2.21E-04	2.84E-03
609	SG_609	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.300	6.44E-03	1.35E-02	1.86E-01	1.05E-02	3.49E-06	1.34E-02	2.07E-03	6.45E-04	1.26E-11	3.35E-04	8.85E-07	6.18E-07	9.82E-06	6.11E-06	3.66E-05	5.79E-07	1.32E-05	1.81E-03	1.67E-04	2.15E-03
610	SG_610	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.300	5.42E-03	1.14E-02	1.57E-01	9.02E-03	2.94E-06	1.09E-02	1.74E-03	5.43E-04	1.06E-11	2.82E-04	7.45E-07	5.20E-07	8.26E-06	5.14E-06	3.08E-05	4.87E-07	1.11E-05	1.52E-03	1.41E-04	1.81E-03
611	SG_611	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.300	5.02E-03	1.05E-02	1.45E-01	8.42E-03	2.72E-06	9.80E-03	1.61E-03	5.03E-04	9.85E-12	2.61E-04	6.91E-07	4.83E-07	7.66E-06	4.76E-06	2.86E-05	4.52E-07	1.03E-05	1.41E-03	1.30E-04	1.68E-03
612	SG_612	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.300	4.66E-03	9.79E-03	1.35E-01	7.83E-03	2.53E-06	8.82E-03	1.50E-03	4.67E-04	9.14E-12	2.43E-04	6.41E-07	4.48E-07	7.10E-06	4.42E-06	2.65E-05	4.19E-07	9.57E-06	1.31E-03	1.21E-04	1.56E-03
613	SG_613	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.300	4.41E-03	9.26E-03	1.28E-01	7.40E-03	2.39E-06	8.11E-03	1.42E-03	4.42E-04	8.65E-12	2.30E-04	6.07E-07	4.24E-07	6.72E-06	4.18E-06	2.51E-05	3.97E-07	9.06E-06	1.24E-03	1.14E-04	1.47E-03
614	SG_614	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.300	4.24E-03	8.91E-03	1.23E-01	7.09E-03	2.30E-06	7.59E-03	1.36E-03	4.25E-04	8.32E-12	2.21E-04	5.84E-07	4.08E-07	6.47E-06	4.02E-06	2.41E-05	3.81E-07	8.71E-06	1.19E-03	1.10E-04	1.42E-03
615	SG_615	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.300	4.21E-03	8.86E-03	1.23E-01	7.02E-03	2.29E-06	7.41E-03	1.35E-03	4.23E-04	8.27E-12	2.19E-04	5.80E-07	4.06E-07	6.43E-06	4.00E-06	2.40E-05	3.79E-07	8.66E-06	1.18E-03	1.09E-04	1.41E-03
616	SG_616	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.300	3.74E-03	7.86E-03	1.09E-01	6.23E-03	2.03E-06	6.33E-03	1.20E-03	3.75E-04	7.34E-12	1.95E-04	5.15E-07	3.60E-07	5.71E-06	3.55E-06	2.13E-05	3.37E-07	7.69E-06	1.05E-03	9.71E-05	1.25E-03
617	SG_617	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.300	3.44E-03	7.24E-03	1.01E-01	5.72E-03	1.87E-06	5.66E-03	1.11E-03	3.45E-04	6.76E-12	1.79E-04	4.74E-07	3.31E-07	5.25E-06	3.27E-06	1.96E-05	3.10E-07	7.08E-06	9.66E-04	8.94E-05	1.15E-03
618	SG_618	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.300	3.32E-03	6.97E-03	9.69E-02	5.50E-03	1.80E-06	5.36E-03	1.07E-03	3.32E-04	6.50E-12	1.73E-04	4.57E-07	3.19E-07	5.06E-06	3.15E-06	1.89E-05	2.98E-07	6.81E-06	9.30E-04	8.61E-05	1.11E-03
619	SG_619	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.300	2.91E-03	6.12E-03	8.53E-02	4.84E-03	1.58E-06	4.55E-03	9.35E-04	2.92E-04	5.71E-12	1.52E-04	4.01E-07	2.80E-07	4.44E-06	2.76E-06	1.66E-05	2.62E-07	5.98E-06	8.16E-04	7.55E-05	9.73E-04
620	SG_620	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.300	2.78E-03	5.85E-03	8.16E-02	4.63E-03	1.51E-06	4.29E-03	8.94E-04	2.79E-04	5.46E-12	1.45E-04	3.84E-07	2.68E-07	4.25E-06	2.64E-06	1.58E-05	2.51E-07	5.72E-06	7.81E-04	7.22E-05	9.30E-04

AQIA DATA - SCENARIO 1 COMMERCIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.24E-01**	**2.60E-01**	**3.55E+00**	**1.99E-01**	**6.74E-05**	**3.58E-01**	**3.98E-02**	**1.24E-02**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**3.47E-02**	**3.21E-03**	**4.14E-02**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
628	SG_628	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6368.500	3.75E-03	7.89E-03	1.09E-01	6.74E-03	2.04E-06	8.28E-03	1.21E-03	3.76E-04	7.37E-12	1.96E-04	5.18E-07	3.63E-07	5.73E-06	3.56E-06	2.14E-05	3.38E-07	7.71E-06	1.05E-03	9.74E-05	1.25E-03
629	SG_629	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.500	4.20E-03	8.82E-03	1.21E-01	7.62E-03	2.28E-06	9.48E-03	1.35E-03	4.21E-04	8.23E-12	2.19E-04	5.79E-07	4.06E-07	6.40E-06	3.98E-06	2.39E-05	3.78E-07	8.62E-06	1.18E-03	1.09E-04	1.40E-03
630	SG_630	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.500	4.71E-03	9.89E-03	1.36E-01	8.52E-03	2.56E-06	1.07E-02	1.51E-03	4.72E-04	9.24E-12	2.45E-04	6.50E-07	4.56E-07	7.18E-06	4.47E-06	2.68E-05	4.24E-07	9.67E-06	1.32E-03	1.22E-04	1.57E-03
631	SG_631	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.500	5.83E-03	1.22E-02	1.69E-01	1.04E-02	3.17E-06	1.32E-02	1.87E-03	5.84E-04	1.14E-11	3.04E-04	8.05E-07	5.65E-07	8.89E-06	5.54E-06	3.31E-05	5.25E-07	1.20E-05	1.63E-03	1.51E-04	1.95E-03
632	SG_632	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.500	7.94E-03	1.67E-02	2.29E-01	1.37E-02	4.31E-06	1.78E-02	2.55E-03	7.96E-04	1.56E-11	4.13E-04	1.10E-06	7.71E-07	1.21E-05	7.54E-06	4.51E-05	7.15E-07	1.63E-05	2.23E-03	2.06E-04	2.65E-03
633	SG_633	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.500	1.15E-02	2.41E-02	3.31E-01	1.93E-02	6.23E-06	2.59E-02	3.68E-03	1.15E-03	2.25E-11	5.97E-04	1.58E-06	1.11E-06	1.75E-05	1.09E-05	6.52E-05	1.03E-06	2.35E-05	3.22E-03	2.98E-04	3.83E-03
634	SG_634	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.500	1.33E-02	2.79E-02	3.83E-01	2.19E-02	7.20E-06	3.06E-02	4.26E-03	1.33E-03	2.60E-11	6.91E-04	1.83E-06	1.28E-06	2.02E-05	1.26E-05	7.55E-05	1.19E-06	2.73E-05	3.72E-03	3.44E-04	4.44E-03
635	SG_635	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.500	1.19E-02	2.50E-02	3.43E-01	1.91E-02	6.46E-06	2.73E-02	3.82E-03	1.19E-03	2.33E-11	6.20E-04	1.64E-06	1.14E-06	1.82E-05	1.13E-05	6.77E-05	1.07E-06	2.45E-05	3.34E-03	3.09E-04	3.98E-03
636	SG_636	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.500	9.47E-03	1.99E-02	2.73E-01	1.45E-02	5.14E-06	2.05E-02	3.04E-03	9.50E-04	1.86E-11	4.93E-04	1.30E-06	9.10E-07	1.44E-05	8.99E-06	5.39E-05	8.52E-07	1.95E-05	2.66E-03	2.46E-04	3.17E-03
637	SG_637	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.500	7.74E-03	1.63E-02	2.24E-01	1.17E-02	4.20E-06	1.65E-02	2.49E-03	7.76E-04	1.52E-11	4.03E-04	1.07E-06	7.46E-07	1.18E-05	7.34E-06	4.40E-05	6.97E-07	1.59E-05	2.17E-03	2.01E-04	2.59E-03
638	SG_638	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.500	7.54E-03	1.58E-02	2.18E-01	1.15E-02	4.09E-06	1.60E-02	2.42E-03	7.56E-04	1.48E-11	3.92E-04	1.04E-06	7.29E-07	1.15E-05	7.15E-06	4.29E-05	6.78E-07	1.55E-05	2.11E-03	1.96E-04	2.52E-03
639	SG_639	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.500	7.41E-03	1.56E-02	2.14E-01	1.16E-02	4.02E-06	1.56E-02	2.38E-03	7.43E-04	1.45E-11	3.86E-04	1.02E-06	7.14E-07	1.13E-05	7.03E-06	4.21E-05	6.67E-07	1.52E-05	2.08E-03	1.92E-04	2.48E-03
640	SG_640	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.500	6.49E-03	1.36E-02	1.88E-01	1.04E-02	3.52E-06	1.34E-02	2.09E-03	6.51E-04	1.27E-11	3.38E-04	8.94E-07	6.25E-07	9.90E-06	6.16E-06	3.69E-05	5.84E-07	1.33E-05	1.82E-03	1.68E-04	2.17E-03
641	SG_641	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.500	5.24E-03	1.10E-02	1.52E-01	8.64E-03	2.84E-06	1.06E-02	1.68E-03	5.26E-04	1.03E-11	2.73E-04	7.22E-07	5.04E-07	7.99E-06	4.97E-06	2.98E-05	4.72E-07	1.08E-05	1.47E-03	1.36E-04	1.75E-03
642	SG_642	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.500	4.42E-03	9.30E-03	1.28E-01	7.41E-03	2.40E-06	8.59E-03	1.42E-03	4.44E-04	8.68E-12	2.30E-04	6.09E-07	4.26E-07	6.75E-06	4.20E-06	2.52E-05	3.98E-07	9.09E-06	1.24E-03	1.15E-04	1.48E-03
643	SG_643	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.500	3.90E-03	8.19E-03	1.13E-01	6.56E-03	2.11E-06	7.26E-03	1.25E-03	3.91E-04	7.64E-12	2.03E-04	5.37E-07	3.75E-07	5.94E-06	3.70E-06	2.22E-05	3.51E-07	8.00E-06	1.09E-03	1.01E-04	1.30E-03
644	SG_644	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.500	3.77E-03	7.93E-03	1.10E-01	6.37E-03	2.05E-06	6.86E-03	1.21E-03	3.79E-04	7.41E-12	1.97E-04	5.20E-07	3.64E-07	5.76E-06	3.58E-06	2.15E-05	3.40E-07	7.75E-06	1.06E-03	9.80E-05	1.26E-03
645	SG_645	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.500	3.59E-03	7.55E-03	1.05E-01	6.06E-03	1.95E-06	6.34E-03	1.15E-03	3.60E-04	7.05E-12	1.87E-04	4.95E-07	3.46E-07	5.48E-06	3.41E-06	2.04E-05	3.23E-07	7.38E-06	1.01E-03	9.32E-05	1.20E-03
646	SG_646	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.500	3.55E-03	7.45E-03	1.03E-01	5.96E-03	1.93E-06	6.12E-03	1.14E-03	3.56E-04	6.96E-12	1.85E-04	4.89E-07	3.42E-07	5.41E-06	3.37E-06	2.02E-05	3.19E-07	7.29E-06	9.95E-04	9.20E-05	1.19E-03
647	SG_647	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.500	3.38E-03	7.10E-03	9.87E-02	5.66E-03	1.83E-06	5.66E-03	1.09E-03	3.39E-04	6.63E-12	1.76E-04	4.66E-07	3.26E-07	5.15E-06	3.21E-06	1.92E-05	3.04E-07	6.94E-06	9.48E-04	8.77E-05	1.13E-03
648	SG_648	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.500	3.24E-03	6.81E-03	9.47E-02	5.41E-03	1.76E-06	5.29E-03	1.04E-03	3.25E-04	6.36E-12	1.69E-04	4.47E-07	3.12E-07	4.94E-06	3.08E-06	1.84E-05	2.92E-07	6.66E-06	9.09E-04	8.41E-05	1.08E-03
649	SG_649	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.500	3.02E-03	6.35E-03	8.84E-02	5.03E-03	1.64E-06	4.79E-03	9.70E-04	3.03E-04	5.92E-12	1.57E-04	4.16E-07	2.91E-07	4.61E-06	2.87E-06	1.72E-05	2.72E-07	6.20E-06	8.47E-04	7.84E-05	1.01E-03
650	SG_650	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.500	2.81E-03	5.91E-03	8.24E-02	4.68E-03	1.53E-06	4.34E-03	9.03E-04	2.82E-04	5.51E-12	1.46E-04	3.87E-07	2.71E-07	4.29E-06	2.67E-06	1.60E-05	2.53E-07	5.77E-06	7.88E-04	7.29E-05	9.39E-04
651	SG_651	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.500	2.70E-03	5.68E-03	7.93E-02	4.49E-03	1.47E-06	4.10E-03	8.68E-04	2.71E-04	5.30E-12	1.41E-04	3.72E-07	2.61E-07	4.12E-06	2.56E-06	1.54E-05	2.43E-07	5.55E-06	7.58E-04	7.01E-05	9.03E-04
660	SG_660	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.700	3.55E-03	7.47E-03	1.03E-01	6.52E-03	1.93E-06	7.66E-03	1.14E-03	3.56E-04	6.97E-12	1.85E-04	4.90E-07	3.44E-07	5.42E-06	3.37E-06	2.02E-05	3.20E-07	7.29E-06	9.96E-04	9.22E-05	1.19E-03
661	SG_661	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.700	4.25E-03	8.94E-03	1.23E-01	7.68E-03	2.31E-06	9.13E-03	1.37E-03	4.26E-04	8.34E-12	2.22E-04	5.87E-07	4.12E-07	6.49E-06	4.04E-06	2.42E-05	3.83E-07	8.73E-06	1.19E-03	1.10E-04	1.42E-03
662	SG_662	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.700	5.35E-03	1.13E-02	1.55E-01	9.39E-03	2.91E-06	1.14E-02	1.72E-03	5.37E-04	1.05E-11	2.79E-04	7.40E-07	5.20E-07	8.17E-06	5.09E-06	3.05E-05	4.82E-07	1.10E-05	1.50E-03	1.39E-04	1.79E-03
663	SG_663	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.700	7.52E-03	1.58E-02	2.18E-01	1.29E-02	4.09E-06	1.61E-02	2.42E-03	7.54E-04	1.48E-11	3.92E-04	1.04E-06	7.30E-07	1.15E-05	7.14E-06	4.28E-05	6.77E-07	1.54E-05	2.11E-03	1.95E-04	2.51E-03
664	SG_664	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.700	9.63E-03	2.02E-02	2.79E-01	1.62E-02	5.23E-06	2.09E-02	3.09E-03	9.66E-04	1.89E-11	5.02E-04	1.33E-06	9.32E-07	1.47E-05	9.14E-06	5.48E-05	8.67E-07	1.98E-05	2.70E-03	2.50E-04	3.22E-03
665	SG_665	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.700	9.99E-03	2.10E-02	2.89E-01	1.66E-02	5.42E-06	2.22E-02	3.21E-03	1.00E-03	1.96E-11	5.20E-04	1.37E-06	9.61E-07	1.52E-05	9.47E-06	5.68E-05	8.99E-07	2.05E-05	2.80E-03	2.59E-04	3.34E-03
666	SG_666	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.700	8.64E-03	1.82E-02	2.50E-01	1.39E-02	4.69E-06	1.89E-02	2.78E-03	8.66E-04	1.69E-11	4.50E-04	1.19E-06	8.29E-07	1.32E-05	8.19E-06	4.91E-05	7.77E-07	1.78E-05	2.42E-03	2.24E-04	2.89E-03
667	SG_667	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.700	7.39E-03	1.55E-02	2.14E-01	1.15E-02	4.01E-06	1.56E-02	2.37E-03	7.41E-04	1.45E-11	3.85E-04	1.02E-06	7.09E-07	1.13E-05	7.01E-06	4.20E-05	6.65E-07	1.52E-05	2.07E-03	1.92E-04	2.47E-03
668	SG_668	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.700	6.15E-03	1.29E-02	1.78E-01	9.45E-03	3.33E-06	1.28E-02	1.97E-03	6.16E-04	1.21E-11	3.20E-04	8.46E-07	5.91E-07	9.37E-06	5.83E-06	3.50E-05	5.53E-07	1.26E-05	1.72E-03	1.59E-04	2.05E-03
669	SG_669	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.700	5.78E-03	1.21E-02	1.67E-01	8.88E-03	3.14E-06	1.19E-02	1.86E-03	5.80E-04	1.13E-11	3.01E-04	7.97E-07	5.59E-07	8.82E-06	5.49E-06	3.29E-05	5.20E-07	1.19E-05	1.62E-03	1.50E-04	1.93E-03
670	SG_670	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.700	6.05E-03	1.27E-02	1.75E-01	9.41E-03	3.29E-06	1.23E-02	1.94E-03	6.07E-04	1.19E-11	3.15E-04	8.35E-07	5.85E-07	9.23E-06	5.74E-06	3.44E-05	5.45E-07	1.24E-05	1.70E-03	1.57E-04	2.02E-03
671	SG_671	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.700	5.90E-03	1.24E-02	1.71E-01	9.37E-03	3.20E-06	1.19E-02	1.90E-03	5.92E-04	1.16E-11	3.07E-04	8.13E-07	5.69E-07	9.00E-06	5.60E-06	3.36E-05	5.31E-07	1.21E-05	1.65E-03	1.53E-04	1.97E-03
672	SG_672	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.700	5.33E-03	1.12E-02	1.55E-01	8.65E-03	2.89E-06	1.06E-02	1.71E-03	5.35E-04	1.05E-11	2.78E-04	7.35E-07	5.14E-07	8.13E-06	5.06E-06	3.03E-05	4.80E-07	1.10E-05	1.49E-03	1.38E-04	1.78E-03
673	SG_673	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.700	4.34E-03	9.12E-03	1.26E-01	7.19E-03	2.36E-06	8.39E-03	1.39E-03	4.35E-04	8.51E-12	2.26E-04	5.98E-07	4.18E-07	6.62E-06	4.12E-06	2.47E-05	3.91E-07	8.91E-06	1.22E-03	1.13E-04	1.45E-03
674	SG_674	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.700	3.94E-03	8.29E-03	1.15E-01	6.62E-03	2.14E-06	7.46E-03	1.27E-03	3.95E-04	7.73E-12	2.05E-04	5.43E-07	3.80E-07	6.01E-06	3.74E-06	2.24E-05	3.55E-07	8.10E-06	1.11E-03	1.02E-04	1.32E-03
675	SG_675	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.700	3.66E-03	7.70E-03	1.07E-01	6.18E-03	1.99E-06	6.71E-03	1.18E-03	3.67E-04	7.19E-12	1.91E-04	5.05E-07	3.54E-07	5.59E-06	3.48E-06	2.08E-05	3.30E-07	7.53E-06	1.03E-03	9.51E-05	1.22E-03
676	SG_676	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.700	3.30E-03	6.95E-03	9.64E-02	5.59E-03	1.79E-06	5.80E-03	1.06E-03	3.31E-04	6.48E-12	1.72E-04	4.56E-07	3.19E-07	5.04E-06	3.14E-06	1.88E-05	2.97E-07	6.79E-06	9.27E-04	8.58E-05	1.10E-03
677	SG_677	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.700	3.09E-03	6.50E-03	9.03E-02	5.23E-03	1.68E-06	5.26E-03	9.94E-04	3.10E-04	6.07E-12	1.61E-04	4.26E-07	2.99E-07	4.72E-06	2.94E-06	1.76E-05	2.78E-07	6.35E-06	8.67E-04	8.03E-05	1.03E-03
678	SG_678	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.700	3.07E-03	6.45E-03	8.97E-02	5.17E-03	1.67E-06	5.10E-03	9.85E-04	3.08E-04	6.02E-12	1.60E-04	4.23E-07	2.96E-07	4.68E-06	2.91E-06	1.74E-05	2.76E-07	6.30E-06	8.60E-04	7.96E-05	1.02E-03
679	SG_679	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.700	2.91E-03	6.12E-03	8.52E-02	4.90E-03	1.58E-06	4.70E-03	9.36E-04	2.92E-04	5.71E-12	1.52E-04	4.01E-07	2.81E-07	4.44E-06	2.76E-06	1.66E-05	2.62E-07	5.98E-06	8.17E-04	7.56E-05	9.73E-04
680	SG_680	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.700	2.86E-03	6.02E-03	8.39E-02	4.79E-03	1.55E-06	4.52E-03	9.20E-04	2.87E-04	5.62E-12	1.49E-04	3.95E-07	2.77E-07	4.37E-06	2.72E-06	1.63E-05	2.58E-07	5.88E-06	8.03E-04	7.43E-05	9.57E-04
681	SG_681	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.700	2.65E-03	5.57E-03	7.77E-02	4.43E-03	1.44E-06	4.05E-03	8.51E-04	2.66E-04	5.20E-12	1.38E-04	3.65E-07	2.56E-07	4.04E-06	2.51E-06	1.51E-05	2.38E-07	5.44E-06	7.43E-04	6.88E-05	8.85E-04
682	SG_682	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.700	2.51E-03	5.28E-03	7.37E-02	4.18E-03	1.36E-06	3.74E-03	8.06E-04	2.52E-04	4.92E-12	1.31E-04	3.46E-07	2.42E-07	3.83E-06	2.38E-06	1.43E-05	2.26E-07	5.16E-06	7.04E-04	6.51E-05	8.39E-04
694	SG_694	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.900	6.29E-03	1.32E-02	1.83E-01	1.07E-02	3.42E-06	1.29E-02	2.02E-03	6.31E-04	1.23E-11	3.28E-04	8.69E-07	6.11E-07	9.60E-06	5.98E-06	3.58E-05	5.67E-07	1.29E-05	1.76E-03	1.63E-04	2.10E-03
695	SG_695	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.900	7.35E-03	1.54E-02	2.13E-01	1.24E-02	3.99E-06	1.53E-02	2.36E-03	7.37E-04	1.44E-11	3.83E-04	1.01E-06	7.10E-07	1.12E-05	6.98E-06	4.18E-05	6.62E-07	1.51E-05	2.06E-03	1.91E-04	2.46E-03
696	SG_696	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.900	7.82E-03	1.64E-02	2.26E-01	1.31E-02	4.24E-06	1.68E-02	2.51E-03	7.84E-04	1.53E-11	4.07E-04	1.08E-06	7.51E-07	1.19E-05	7.41E-06	4.45E-05	7.03E-07	1.61E-05	2.19E-03	2.03E-04	2.61E-03
697	SG_697	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.900	6.82E-03	1.43E-02	1.98E-01	1.10E-02	3.70E-06	1.44E-02	2.19E-03	6.84E-04	1.34E-11	3.55E-04	9.38E-07	6.54E-07	1.04E-05	6.47E-06	3.88E-05	6.14E-07	1.40E-05	1.91E-03	1.77E-04	2.28E-03
698	SG_698	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.900	5.92E-03	1.24E-02	1.72E-01	9.31E-03	3.21E-06	1.22E-02	1.90E-03	5.94E-04	1.16E-11	3.08E-04	8.14E-07	5.68E-07	9.03E-06	5.61E-06	3.37E-05	5.33E-07	1.22E-05	1.66E-03	1.54E-04	1.98E-03
699	SG_699	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.900	5.02E-03	1.05E-02	1.46E-01	7.81E-03	2.72E-06	1.02E-02	1.61E-03	5.03E-04	9.84E-12	2.61E-04	6.90E-07	4.82E-07	7.65E-06	4.76E-06	2.85E-05	4.51E-07	1.03E-05	1.41E-03	1.30E-04	1.68E-03
700	SG_700	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.900	4.63E-03	9.74E-03	1.35E-01	7.18E-03	2.51E-06	9.28E-03	1.49E-03	4.64E-04	9.09E-12	2.41E-04	6.39E-07	4.48E-07	7.06E-06	4.40E-06	2.63E-05	4.17E-07	9.51E-06	1.30E-03	1.20E-04	1.55E-03
701	SG_701	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.900	5.01E-03	1.05E-02	1.45E-01	7.80E-03	2.72E-06	9.97E-03	1.61E-03	5.02E-04	9.83E-12	2.61E-04	6.91E-07	4.85E-07	7.64E-06	4.76E-06	2.85E-05	4.51E-07	1.03E-05	1.41E-03	1.30E-04	1.67E-03
702	SG_702	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.900	5.14E-03	1.08E-02	1.49E-01	8.09E-03	2.79E-06	1.00E-02	1.65E-03	5.15E-04	1.01E-11	2.67E-04	7.08E-07	4.96E-07	7.83E-06	4.88E-06	2.92E-05	4.62E-07	1.05E-05	1.44E-03	1.33E-04	1.72E-03
703	SG_703	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.900	4.66E-03	9.80E-03	1.36E-01	7.47E-03	2.53E-06	8.90E-03	1.50E-03	4.68E-04	9.15E-12	2.43E-04	6.43E-07	4.50E-07	7.11E-06	4.43E-06	2.65E-05	4.20E-07	9.58E-06	1.31E-03	1.21E-04	1.56E-03
704	SG_704	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.900	4.16E-03	8.74E-03	1.21E-01	6.80E-03	2.26E-06	7.83E-03	1.34E-03	4.17E-04	8.16E-12	2.17E-04	5.74E-07	4.02E-07	6.35E-06	3.95E-06	2.37E-05	3.75E-07	8.55E-06	1.17E-03	1.08E-04	1.39E-03
705	SG_705	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.900	3.63E-03	7.62E-03	1.06E-01	6.03E-03	1.97E-06	6.70E-03	1.16E-03	3.64E-04	7.11E-12	1.89E-04	5.00E-07	3.50E-07	5.53E-06	3.44E-06	2.06E-05	3.26E-07	7.45E-06	1.02E-03	9.41E-05	1.21E-03
706	SG_706	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.900	3.27E-03	6.87E-03	9.53E-02	5.51E-03	1.77E-06	5.90E-03	1.05E-03	3.28E-04	6.41E-12	1.70E-04	4.50E-07	3.15E-07	4.98E-06	3.10E-06	1.86E-05	2.94E-07	6.71E-06	9.16E-04	8.48E-05	1.09E-03
707	SG_707	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.900	3.01E-03	6.32E-03	8.78E-02	5.09E-03	1.63E-06	5.25E-03	9.66E-04	3.02E-04	5.90E-12	1.57E-04	4.15E-07	2.90E-07	4.59E-06	2.85E-06	1.71E-05	2.71E-07	6.18E-06	8.43E-04	7.80E-05	1.00E-03
708	SG_708	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.900	2.95E-03	6.20E-03	8.62E-02	4.99E-03	1.60E-06	5.01E-03	9.47E-04	2.96E-04	5.78E-12	1.54E-04	4.07E-07	2.85E-07	4.50E-06	2.80E-06	1.68E-05	2.65E-07	6.05E-06	8.27E-04	7.65E-05	9.85E-04
709	SG_709	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.900	2.94E-03	6.17E-03	8.59E-02	4.96E-03	1.59E-06	4.88E-03	9.43E-04	2.94E-04	5.76E-12	1.53E-04	4.05E-07	2.84E-07	4.48E-06	2.79E-06	1.67E-05	2.64E-07	6.03E-06	8.23E-04	7.62E-05	9.81E-04
710	SG_710	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.900	2.74E-03	5.76E-03	8.03E-02	4.62E-03	1.49E-06	4.40E-03	8.81E-04	2.75E-04	5.38E-12	1.43E-04	3.78E-07	2.65E-07	4.18E-06	2.60E-06	1.56E-05	2.47E-07	5.63E-06	7.69E-04	7.11E-05	9.16E-04
711	SG_711	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.900	2.58E-03	5.42E-03	7.56E-02	4.34E-03	1.40E-06	4.01E-03	8.28E-04	2.58E-04	5.06E-12	1.34E-04	3.56E-07	2.49E-07	3.93E-06	2.45E-06	1.47E-05	2.32E-07	5.29E-06	7.23E-04	6.69E-05	8.61E-04
712	SG_712	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.900	2.41E-03	5.07E-03	7.09E-02	4.05E-03	1.31E-06	3.63E-03	7.75E-04	2.42E-04	4.73E-12	1.26E-04	3.33E-07	2.33E-07	3.68E-06	2.29E-06	1.37E-05	2.17E-07	4.96E-06	6.77E-04	6.26E-05	8.06E-04
713	SG_713	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.900	2.21E-03	4.66E-03	6.52E-02	3.71E-03	1.20E-06	3.22E-03	7.11E-04	2.22E-04	4.34E-12	1.15E-04	3.05E-07	2.14E-07	3.38E-06	2.10E-06	1.26E-05	1.99E-07	4.55E-06	6.21E-04	5.75E-05	7.40E-04
726	SG_726	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6369.100	5.89E-03	1.24E-02	1.71E-01	9.92E-03	3.20E-06	1.19E-02	1.89E-03	5.91E-04	1.16E-11	3.07E-04	8.12E-07	5.68E-07	8.98E-06	5.59E-06	3.35E-05	5.30E-07	1.21E-05	1.65E-03	1.53E-04	1.97E-03
727	SG_727	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6369.100	5.71E-03	1.20E-02	1.66E-01	9.49E-03	3.10E-06	1.16E-02	1.83E-03	5.72E-04	1.12E-11	2.97E-04	7.86E-07	5.48E-07	8.71E-06	5.41E-06	3.25E-05	5.14E-07	1.17E-05	1.60E-03	1.48E-04	1.91E-03
728	SG_728	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.100	5.37E-03	1.13E-02	1.56E-01	8.71E-03	2.91E-06	1.09E-02	1.72E-03	5.38E-04	1.05E-11	2.80E-04	7.38E-07	5.15E-07	8.19E-06	5.09E-06	3.05E-05	4.83E-07	1.10E-05	1.51E-03	1.39E-04	1.79E-03
729	SG_729	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.100	4.72E-03	9.92E-03	1.37E-01	7.47E-03	2.56E-06	9.35E-03	1.52E-03	4.73E-04	9.26E-12	2.46E-04	6.49E-07	4.53E-07	7.20E-06	4.48E-06	2.68E-05	4.25E-07	9.70E-06	1.32E-03	1.22E-04	1.58E-03
730	SG_730	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.100	4.22E-03	8.88E-03	1.23E-01	6.66E-03	2.29E-06	8.39E-03	1.36E-03	4.24E-04	8.29E-12	2.20E-04	5.81E-07	4.06E-07	6.44E-06	4.01E-06	2.40E-05	3.80E-07	8.68E-06	1.18E-03	1.10E-04	1.41E-03
731	SG_731	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.100	3.90E-03	8.20E-03	1.14E-01	6.12E-03	2.12E-06	7.66E-03	1.25E-03	3.91E-04	7.65E-12	2.03E-04	5.38E-07	3.76E-07	5.95E-06	3.70E-06	2.22E-05	3.51E-07	8.01E-06	1.09E-03	1.01E-04	1.30E-03
732	SG_732	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.100	4.06E-03	8.54E-03	1.18E-01	6.35E-03	2.21E-06	7.86E-03	1.30E-03	4.07E-04	7.97E-12	2.11E-04	5.60E-07	3.93E-07	6.19E-06	3.86E-06	2.31E-05	3.66E-07	8.34E-06	1.14E-03	1.05E-04	1.36E-03
733	SG_733	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.100	4.24E-03	8.91E-03	1.23E-01	6.66E-03	2.30E-06	8.02E-03	1.36E-03	4.25E-04	8.32E-12	2.21E-04	5.85E-07	4.11E-07	6.47E-06	4.03E-06	2.41E-05	3.82E-07	8.71E-06	1.19E-03	1.10E-04	1.42E-03
734	SG_734	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.100	4.01E-03	8.43E-03	1.17E-01	6.37E-03	2.18E-06	7.37E-03	1.29E-03	4.02E-04	7.87E-12	2.09E-04	5.53E-07	3.87E-07	6.12E-06	3.81E-06	2.28E-05	3.61E-07	8.24E-06	1.12E-03	1.04E-04	1.34E-03
735	SG_735	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.100	3.74E-03	7.87E-03	1.09E-01	6.05E-03	2.03E-06	6.78E-03	1.20E-03	3.75E-04	7.35E-12	1.95E-04	5.16E-07	3.62E-07	5.71E-06	3.55E-06	2.13E-05	3.37E-07	7.69E-06	1.05E-03	9.72E-05	1.25E-03
736	SG_736	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.100	3.37E-03	7.08E-03	9.84E-02	5.54E-03	1.83E-06	6.02E-03	1.08E-03	3.38E-04	6.61E-12	1.76E-04	4.65E-07	3.26E-07	5.14E-06	3.20E-06	1.92E-05	3.03E-07	6.92E-06	9.45E-04	8.75E-05	1.13E-03
737	SG_737	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.100	3.03E-03	6.36E-03	8.85E-02	5.06E-03	1.64E-06	5.34E-03	9.73E-04	3.04E-04	5.94E-12	1.58E-04	4.17E-07	2.93E-07	4.62E-06	2.87E-06	1.72E-05	2.73E-07	6.22E-06	8.49E-04	7.86E-05	1.01E-03
738	SG_738	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.100	2.83E-03	5.94E-03	8.27E-02	4.78E-03	1.53E-06	4.91E-03	9.08E-04	2.83E-04	5.55E-12	1.47E-04	3.90E-07	2.73E-07	4.31E-06	2.68E-06	1.61E-05	2.54E-07	5.81E-06	7.93E-04	7.34E-05	9.45E-04
739	SG_739	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.100	2.68E-03	5.63E-03	7.84E-02	4.55E-03	1.45E-06	4.53E-03	8.61E-04	2.69E-04	5.25E-12	1.40E-04	3.69E-07	2.59E-07	4.09E-06	2.54E-06	1.52E-05	2.41E-07	5.50E-06	7.51E-04	6.95E-05	8.95E-04
740	SG_740	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.100	2.71E-03	5.69E-03	7.93E-02	4.58E-03	1.47E-06	4.49E-03	8.70E-04	2.71E-04	5.31E-12	1.41E-04	3.74E-07	2.62E-07	4.13E-06	2.57E-06	1.54E-05	2.44E-07	5.56E-06	7.59E-04	7.03E-05	9.05E-04
741	SG_741	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.100	2.55E-03	5.36E-03	7.48E-02	4.31E-03	1.39E-06	4.07E-03	8.20E-04	2.56E-04	5.01E-12	1.33E-04	3.52E-07	2.47E-07	3.89E-06	2.42E-06	1.45E-05	2.30E-07	5.24E-06	7.16E-04	6.62E-05	8.53E-04
742	SG_742	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.100	2.30E-03	4.84E-03	6.76E-02	3.89E-03	1.25E-06	3.51E-03	7.39E-04	2.31E-04	4.51E-12	1.20E-04	3.17E-07	2.23E-07	3.51E-06	2.18E-06	1.31E-05	2.07E-07	4.72E-06	6.45E-04	5.97E-05	7.69E-04
743	SG_743	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.100	2.24E-03	4.70E-03	6.58E-02	3.77E-03	1.22E-06	3.33E-03	7.19E-04	2.24E-04	4.39E-12	1.17E-04	3.09E-07	2.17E-07	3.41E-06	2.12E-06	1.27E-05	2.01E-07	4.59E-06	6.27E-04	5.81E-05	7.48E-04

AQIA DATA - SCENARIO 1 COMMERCIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.24E-01**	**2.60E-01**	**3.55E+00**	**1.99E-01**	**6.74E-05**	**3.58E-01**	**3.98E-02**	**1.24E-02**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**3.47E-02**	**3.21E-03**	**4.14E-02**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
744	SG_744	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.100	2.10E-03	4.41E-03	6.18E-02	3.53E-03	1.14E-06	3.02E-03	6.74E-04	2.10E-04	4.11E-12	1.09E-04	2.89E-07	2.03E-07	3.20E-06	1.99E-06	1.19E-05	1.89E-07	4.31E-06	5.88E-04	5.44E-05	7.01E-04
758	SG_758	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6369.300	4.66E-03	9.79E-03	1.36E-01	7.74E-03	2.53E-06	9.17E-03	1.50E-03	4.67E-04	9.13E-12	2.42E-04	6.41E-07	4.47E-07	7.10E-06	4.42E-06	2.65E-05	4.19E-07	9.57E-06	1.31E-03	1.21E-04	1.56E-03
759	SG_759	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.300	4.29E-03	9.01E-03	1.25E-01	6.96E-03	2.32E-06	8.35E-03	1.38E-03	4.30E-04	8.41E-12	2.23E-04	5.89E-07	4.11E-07	6.54E-06	4.06E-06	2.44E-05	3.86E-07	8.80E-06	1.20E-03	1.11E-04	1.43E-03
760	SG_760	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.300	3.86E-03	8.12E-03	1.13E-01	6.15E-03	2.09E-06	7.39E-03	1.24E-03	3.87E-04	7.57E-12	2.01E-04	5.31E-07	3.70E-07	5.89E-06	3.66E-06	2.20E-05	3.47E-07	7.93E-06	1.08E-03	1.00E-04	1.29E-03
761	SG_761	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.300	3.47E-03	7.29E-03	1.01E-01	5.51E-03	1.88E-06	6.64E-03	1.11E-03	3.48E-04	6.81E-12	1.81E-04	4.77E-07	3.33E-07	5.29E-06	3.29E-06	1.97E-05	3.12E-07	7.13E-06	9.73E-04	9.00E-05	1.16E-03
762	SG_762	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.300	3.24E-03	6.82E-03	9.47E-02	5.14E-03	1.76E-06	6.18E-03	1.04E-03	3.25E-04	6.36E-12	1.69E-04	4.47E-07	3.13E-07	4.95E-06	3.08E-06	1.85E-05	2.92E-07	6.66E-06	9.10E-04	8.42E-05	1.08E-03
763	SG_763	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.300	3.23E-03	6.80E-03	9.44E-02	5.09E-03	1.76E-06	6.04E-03	1.04E-03	3.24E-04	6.34E-12	1.68E-04	4.46E-07	3.13E-07	4.93E-06	3.07E-06	1.84E-05	2.91E-07	6.64E-06	9.07E-04	8.39E-05	1.08E-03
764	SG_764	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.300	3.53E-03	7.43E-03	1.03E-01	5.56E-03	1.92E-06	6.51E-03	1.14E-03	3.54E-04	6.93E-12	1.84E-04	4.88E-07	3.43E-07	5.39E-06	3.36E-06	2.01E-05	3.18E-07	7.26E-06	9.91E-04	9.17E-05	1.18E-03
765	SG_765	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.300	3.66E-03	7.70E-03	1.07E-01	5.80E-03	1.99E-06	6.61E-03	1.18E-03	3.67E-04	7.19E-12	1.91E-04	5.05E-07	3.55E-07	5.59E-06	3.48E-06	2.08E-05	3.30E-07	7.52E-06	1.03E-03	9.51E-05	1.22E-03
766	SG_766	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.300	3.49E-03	7.34E-03	1.02E-01	5.60E-03	1.90E-06	6.17E-03	1.12E-03	3.50E-04	6.85E-12	1.82E-04	4.82E-07	3.38E-07	5.33E-06	3.32E-06	1.99E-05	3.14E-07	7.18E-06	9.80E-04	9.07E-05	1.17E-03
767	SG_767	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.300	3.11E-03	6.54E-03	9.10E-02	5.06E-03	1.69E-06	5.37E-03	1.00E-03	3.12E-04	6.10E-12	1.62E-04	4.29E-07	3.01E-07	4.75E-06	2.95E-06	1.77E-05	2.80E-07	6.39E-06	8.72E-04	8.07E-05	1.04E-03
768	SG_768	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.300	2.84E-03	5.98E-03	8.32E-02	4.70E-03	1.54E-06	4.86E-03	9.14E-04	2.85E-04	5.58E-12	1.48E-04	3.92E-07	2.75E-07	4.34E-06	2.70E-06	1.62E-05	2.56E-07	5.84E-06	7.98E-04	7.38E-05	9.51E-04
769	SG_769	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.300	2.53E-03	5.33E-03	7.42E-02	4.25E-03	1.38E-06	4.25E-03	8.14E-04	2.54E-04	4.97E-12	1.32E-04	3.49E-07	2.45E-07	3.86E-06	2.41E-06	1.44E-05	2.28E-07	5.20E-06	7.11E-04	6.58E-05	8.47E-04
770	SG_770	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.300	2.41E-03	5.08E-03	7.08E-02	4.09E-03	1.31E-06	4.00E-03	7.76E-04	2.42E-04	4.74E-12	1.26E-04	3.33E-07	2.33E-07	3.68E-06	2.29E-06	1.37E-05	2.17E-07	4.96E-06	6.77E-04	6.27E-05	8.07E-04
771	SG_771	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.300	2.47E-03	5.20E-03	7.26E-02	4.20E-03	1.34E-06	4.07E-03	7.95E-04	2.48E-04	4.85E-12	1.29E-04	3.41E-07	2.39E-07	3.77E-06	2.35E-06	1.41E-05	2.23E-07	5.08E-06	6.94E-04	6.42E-05	8.27E-04
772	SG_772	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.300	2.41E-03	5.07E-03	7.07E-02	4.08E-03	1.31E-06	3.86E-03	7.74E-04	2.42E-04	4.73E-12	1.26E-04	3.33E-07	2.33E-07	3.68E-06	2.29E-06	1.37E-05	2.17E-07	4.95E-06	6.76E-04	6.25E-05	8.05E-04
773	SG_773	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.300	2.18E-03	4.58E-03	6.41E-02	3.69E-03	1.18E-06	3.32E-03	7.00E-04	2.19E-04	4.28E-12	1.14E-04	3.01E-07	2.11E-07	3.32E-06	2.07E-06	1.24E-05	1.96E-07	4.48E-06	6.11E-04	5.66E-05	7.28E-04
774	SG_774	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.300	2.11E-03	4.45E-03	6.23E-02	3.57E-03	1.15E-06	3.13E-03	6.79E-04	2.12E-04	4.15E-12	1.10E-04	2.92E-07	2.05E-07	3.23E-06	2.01E-06	1.20E-05	1.90E-07	4.34E-06	5.93E-04	5.49E-05	7.07E-04
775	SG_775	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.300	2.25E-03	4.74E-03	6.63E-02	3.78E-03	1.22E-06	3.33E-03	7.24E-04	2.26E-04	4.42E-12	1.17E-04	3.11E-07	2.19E-07	3.44E-06	2.14E-06	1.28E-05	2.03E-07	4.63E-06	6.32E-04	5.85E-05	7.53E-04
789	SG_789	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6369.500	3.94E-03	8.28E-03	1.15E-01	6.56E-03	2.14E-06	7.55E-03	1.27E-03	3.95E-04	7.73E-12	2.05E-04	5.42E-07	3.78E-07	6.01E-06	3.74E-06	2.24E-05	3.54E-07	8.09E-06	1.10E-03	1.02E-04	1.32E-03
790	SG_790	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.500	3.55E-03	7.47E-03	1.04E-01	5.78E-03	1.93E-06	6.70E-03	1.14E-03	3.56E-04	6.97E-12	1.85E-04	4.88E-07	3.40E-07	5.42E-06	3.37E-06	2.02E-05	3.20E-07	7.30E-06	9.96E-04	9.22E-05	1.19E-03
791	SG_791	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.500	3.28E-03	6.90E-03	9.58E-02	5.26E-03	1.78E-06	6.11E-03	1.05E-03	3.29E-04	6.43E-12	1.71E-04	4.51E-07	3.15E-07	5.00E-06	3.11E-06	1.87E-05	2.95E-07	6.74E-06	9.20E-04	8.51E-05	1.10E-03
792	SG_792	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.500	2.93E-03	6.16E-03	8.56E-02	4.68E-03	1.59E-06	5.44E-03	9.41E-04	2.94E-04	5.74E-12	1.52E-04	4.03E-07	2.81E-07	4.47E-06	2.78E-06	1.67E-05	2.63E-07	6.02E-06	8.21E-04	7.60E-05	9.78E-04
793	SG_793	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.500	2.76E-03	5.80E-03	8.07E-02	4.41E-03	1.50E-06	5.11E-03	8.87E-04	2.77E-04	5.41E-12	1.44E-04	3.80E-07	2.66E-07	4.21E-06	2.62E-06	1.57E-05	2.48E-07	5.67E-06	7.74E-04	7.16E-05	9.22E-04
794	SG_794	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.500	2.81E-03	5.90E-03	8.20E-02	4.45E-03	1.52E-06	5.14E-03	9.01E-04	2.81E-04	5.50E-12	1.46E-04	3.87E-07	2.71E-07	4.28E-06	2.66E-06	1.60E-05	2.53E-07	5.76E-06	7.87E-04	7.28E-05	9.38E-04
795	SG_795	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.500	2.93E-03	6.17E-03	8.58E-02	4.64E-03	1.59E-06	5.26E-03	9.43E-04	2.94E-04	5.76E-12	1.53E-04	4.05E-07	2.85E-07	4.48E-06	2.79E-06	1.67E-05	2.64E-07	6.03E-06	8.23E-04	7.61E-05	9.81E-04
796	SG_796	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.500	3.30E-03	6.94E-03	9.65E-02	5.24E-03	1.79E-06	5.87E-03	1.06E-03	3.31E-04	6.48E-12	1.72E-04	4.56E-07	3.20E-07	5.04E-06	3.14E-06	1.88E-05	2.97E-07	6.78E-06	9.26E-04	8.57E-05	1.10E-03
797	SG_797	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.500	3.21E-03	6.75E-03	9.40E-02	5.14E-03	1.75E-06	5.55E-03	1.03E-03	3.22E-04	6.30E-12	1.67E-04	4.43E-07	3.11E-07	4.90E-06	3.05E-06	1.83E-05	2.89E-07	6.60E-06	9.01E-04	8.34E-05	1.07E-03
798	SG_798	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.500	2.92E-03	6.15E-03	8.56E-02	4.73E-03	1.59E-06	4.92E-03	9.40E-04	2.93E-04	5.74E-12	1.52E-04	4.03E-07	2.83E-07	4.46E-06	2.78E-06	1.66E-05	2.63E-07	6.01E-06	8.20E-04	7.59E-05	9.77E-04
799	SG_799	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.500	2.64E-03	5.55E-03	7.73E-02	4.32E-03	1.43E-06	4.36E-03	8.48E-04	2.65E-04	5.17E-12	1.37E-04	3.64E-07	2.55E-07	4.02E-06	2.50E-06	1.50E-05	2.37E-07	5.42E-06	7.40E-04	6.85E-05	8.82E-04
800	SG_800	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.500	2.51E-03	5.27E-03	7.35E-02	4.16E-03	1.36E-06	4.12E-03	8.05E-04	2.51E-04	4.92E-12	1.31E-04	3.46E-07	2.43E-07	3.82E-06	2.38E-06	1.43E-05	2.26E-07	5.15E-06	7.03E-04	6.50E-05	8.38E-04
801	SG_801	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.500	2.35E-03	4.94E-03	6.90E-02	3.95E-03	1.28E-06	3.83E-03	7.55E-04	2.36E-04	4.61E-12	1.22E-04	3.24E-07	2.28E-07	3.59E-06	2.23E-06	1.34E-05	2.12E-07	4.83E-06	6.59E-04	6.10E-05	7.86E-04
802	SG_802	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.500	2.29E-03	4.81E-03	6.72E-02	3.87E-03	1.24E-06	3.70E-03	7.35E-04	2.29E-04	4.49E-12	1.19E-04	3.15E-07	2.21E-07	3.49E-06	2.17E-06	1.30E-05	2.06E-07	4.70E-06	6.41E-04	5.93E-05	7.64E-04
803	SG_803	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.500	2.24E-03	4.71E-03	6.59E-02	3.80E-03	1.22E-06	3.57E-03	7.20E-04	2.25E-04	4.40E-12	1.17E-04	3.09E-07	2.17E-07	3.42E-06	2.13E-06	1.27E-05	2.02E-07	4.60E-06	6.29E-04	5.82E-05	7.49E-04
804	SG_804	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.500	2.05E-03	4.32E-03	6.05E-02	3.49E-03	1.12E-06	3.13E-03	6.60E-04	2.06E-04	4.03E-12	1.07E-04	2.84E-07	1.99E-07	3.13E-06	1.95E-06	1.17E-05	1.85E-07	4.22E-06	5.76E-04	5.33E-05	6.87E-04
805	SG_805	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.500	2.02E-03	4.26E-03	5.97E-02	3.42E-03	1.10E-06	3.01E-03	6.51E-04	2.03E-04	3.97E-12	1.05E-04	2.80E-07	1.96E-07	3.09E-06	1.92E-06	1.15E-05	1.82E-07	4.16E-06	5.68E-04	5.26E-05	6.77E-04
806	SG_806	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.500	2.06E-03	4.33E-03	6.07E-02	3.47E-03	1.12E-06	3.01E-03	6.62E-04	2.07E-04	4.04E-12	1.07E-04	2.85E-07	2.00E-07	3.14E-06	1.96E-06	1.17E-05	1.86E-07	4.23E-06	5.78E-04	5.35E-05	6.89E-04
814	SG_814	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6369.700	2.96E-03	6.22E-03	8.66E-02	5.25E-03	1.61E-06	5.18E-03	9.51E-04	2.97E-04	5.81E-12	1.54E-04	4.09E-07	2.87E-07	4.52E-06	2.81E-06	1.68E-05	2.67E-07	6.08E-06	8.30E-04	7.68E-05	9.89E-04
815	SG_815	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6369.700	3.35E-03	7.05E-03	9.80E-02	5.85E-03	1.82E-06	5.94E-03	1.08E-03	3.36E-04	6.58E-12	1.75E-04	4.63E-07	3.25E-07	5.11E-06	3.18E-06	1.91E-05	3.02E-07	6.89E-06	9.40E-04	8.70E-05	1.12E-03
816	SG_816	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6369.700	3.75E-03	7.89E-03	1.10E-01	6.47E-03	2.04E-06	6.74E-03	1.21E-03	3.76E-04	7.36E-12	1.95E-04	5.18E-07	3.63E-07	5.72E-06	3.56E-06	2.13E-05	3.38E-07	7.70E-06	1.05E-03	9.74E-05	1.25E-03
817	SG_817	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6369.700	4.18E-03	8.78E-03	1.22E-01	7.16E-03	2.27E-06	7.62E-03	1.34E-03	4.19E-04	8.19E-12	2.18E-04	5.76E-07	4.03E-07	6.37E-06	3.96E-06	2.38E-05	3.76E-07	8.58E-06	1.17E-03	1.08E-04	1.40E-03
818	SG_818	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6369.700	4.09E-03	8.60E-03	1.19E-01	6.98E-03	2.22E-06	7.54E-03	1.31E-03	4.10E-04	8.02E-12	2.13E-04	5.63E-07	3.94E-07	6.24E-06	3.88E-06	2.33E-05	3.68E-07	8.40E-06	1.15E-03	1.06E-04	1.37E-03
821	SG_821	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.700	3.02E-03	6.35E-03	8.84E-02	4.93E-03	1.64E-06	5.54E-03	9.70E-04	3.03E-04	5.92E-12	1.57E-04	4.15E-07	2.90E-07	4.61E-06	2.86E-06	1.72E-05	2.72E-07	6.21E-06	8.47E-04	7.84E-05	1.01E-03
822	SG_822	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.700	2.71E-03	5.70E-03	7.93E-02	4.36E-03	1.47E-06	4.87E-03	8.70E-04	2.72E-04	5.31E-12	1.41E-04	3.72E-07	2.60E-07	4.13E-06	2.57E-06	1.54E-05	2.44E-07	5.56E-06	7.59E-04	7.03E-05	9.05E-04
823	SG_823	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.700	2.52E-03	5.30E-03	7.38E-02	4.06E-03	1.37E-06	4.55E-03	8.09E-04	2.53E-04	4.94E-12	1.31E-04	3.47E-07	2.42E-07	3.84E-06	2.39E-06	1.43E-05	2.27E-07	5.18E-06	7.06E-04	6.54E-05	8.42E-04
824	SG_824	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.700	2.43E-03	5.11E-03	7.12E-02	3.92E-03	1.32E-06	4.41E-03	7.80E-04	2.43E-04	4.76E-12	1.26E-04	3.34E-07	2.34E-07	3.70E-06	2.30E-06	1.38E-05	2.18E-07	4.99E-06	6.81E-04	6.30E-05	8.11E-04
825	SG_825	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.700	2.36E-03	4.97E-03	6.93E-02	3.78E-03	1.28E-06	4.19E-03	7.60E-04	2.37E-04	4.64E-12	1.23E-04	3.26E-07	2.28E-07	3.61E-06	2.24E-06	1.34E-05	2.13E-07	4.86E-06	6.63E-04	6.14E-05	7.90E-04
826	SG_826	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.700	2.45E-03	5.16E-03	7.19E-02	3.90E-03	1.33E-06	4.27E-03	7.89E-04	2.46E-04	4.81E-12	1.28E-04	3.39E-07	2.38E-07	3.74E-06	2.33E-06	1.40E-05	2.21E-07	5.04E-06	6.88E-04	6.37E-05	8.20E-04
827	SG_827	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.700	2.72E-03	5.71E-03	7.96E-02	4.31E-03	1.48E-06	4.67E-03	8.73E-04	2.72E-04	5.33E-12	1.41E-04	3.75E-07	2.64E-07	4.14E-06	2.58E-06	1.54E-05	2.45E-07	5.58E-06	7.62E-04	7.05E-05	9.08E-04
828	SG_828	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.700	2.84E-03	5.98E-03	8.33E-02	4.54E-03	1.54E-06	4.79E-03	9.14E-04	2.85E-04	5.58E-12	1.48E-04	3.93E-07	2.76E-07	4.34E-06	2.70E-06	1.62E-05	2.56E-07	5.84E-06	7.98E-04	7.38E-05	9.50E-04
829	SG_829	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.700	2.78E-03	5.86E-03	8.17E-02	4.49E-03	1.51E-06	4.60E-03	8.95E-04	2.79E-04	5.46E-12	1.45E-04	3.84E-07	2.69E-07	4.25E-06	2.64E-06	1.58E-05	2.51E-07	5.72E-06	7.81E-04	7.23E-05	9.31E-04
830	SG_830	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.700	2.57E-03	5.41E-03	7.55E-02	4.19E-03	1.40E-06	4.16E-03	8.26E-04	2.58E-04	5.05E-12	1.34E-04	3.55E-07	2.49E-07	3.92E-06	2.44E-06	1.46E-05	2.32E-07	5.28E-06	7.21E-04	6.67E-05	8.60E-04
831	SG_831	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.700	2.38E-03	5.00E-03	6.99E-02	3.92E-03	1.29E-06	3.80E-03	7.65E-04	2.39E-04	4.67E-12	1.24E-04	3.28E-07	2.30E-07	3.63E-06	2.26E-06	1.35E-05	2.14E-07	4.89E-06	6.67E-04	6.18E-05	7.95E-04
832	SG_832	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.700	2.16E-03	4.55E-03	6.36E-02	3.60E-03	1.18E-06	3.40E-03	6.95E-04	2.17E-04	4.24E-12	1.13E-04	2.99E-07	2.10E-07	3.30E-06	2.05E-06	1.23E-05	1.95E-07	4.44E-06	6.07E-04	5.61E-05	7.23E-04
833	SG_833	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.700	2.09E-03	4.40E-03	6.16E-02	3.52E-03	1.14E-06	3.28E-03	6.73E-04	2.10E-04	4.11E-12	1.09E-04	2.89E-07	2.03E-07	3.19E-06	1.99E-06	1.19E-05	1.89E-07	4.30E-06	5.87E-04	5.43E-05	7.00E-04
834	SG_834	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.700	1.99E-03	4.18E-03	5.86E-02	3.37E-03	1.08E-06	3.07E-03	6.39E-04	2.00E-04	3.90E-12	1.04E-04	2.75E-07	1.93E-07	3.04E-06	1.89E-06	1.13E-05	1.79E-07	4.09E-06	5.58E-04	5.16E-05	6.65E-04
835	SG_835	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.700	1.86E-03	3.92E-03	5.49E-02	3.16E-03	1.01E-06	2.80E-03	5.98E-04	1.87E-04	3.65E-12	9.70E-05	2.57E-07	1.80E-07	2.84E-06	1.77E-06	1.06E-05	1.68E-07	3.82E-06	5.22E-04	4.83E-05	6.22E-04
836	SG_836	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.700	1.80E-03	3.79E-03	5.32E-02	3.06E-03	9.79E-07	2.64E-03	5.79E-04	1.81E-04	3.53E-12	9.38E-05	2.49E-07	1.75E-07	2.75E-06	1.71E-06	1.02E-05	1.62E-07	3.70E-06	5.05E-04	4.68E-05	6.02E-04
837	SG_837	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.700	1.85E-03	3.88E-03	5.45E-02	3.12E-03	1.00E-06	2.66E-03	5.93E-04	1.85E-04	3.62E-12	9.62E-05	2.55E-07	1.79E-07	2.82E-06	1.75E-06	1.05E-05	1.66E-07	3.79E-06	5.18E-04	4.79E-05	6.17E-04
838	SG_838	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6369.900	1.69E-03	3.55E-03	4.98E-02	3.41E-03	9.17E-07	2.81E-03	5.43E-04	1.69E-04	3.31E-12	8.80E-05	2.33E-07	1.62E-07	2.58E-06	1.60E-06	9.61E-06	1.52E-07	3.47E-06	4.74E-04	4.38E-05	5.65E-04
839	SG_839	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6369.900	1.71E-03	3.60E-03	5.04E-02	3.43E-03	9.28E-07	2.87E-03	5.50E-04	1.72E-04	3.36E-12	8.91E-05	2.36E-07	1.65E-07	2.61E-06	1.62E-06	9.73E-06	1.54E-07	3.51E-06	4.80E-04	4.44E-05	5.72E-04
840	SG_840	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6369.900	1.71E-03	3.60E-03	5.04E-02	3.37E-03	9.29E-07	2.85E-03	5.50E-04	1.72E-04	3.36E-12	8.91E-05	2.36E-07	1.65E-07	2.61E-06	1.62E-06	9.74E-06	1.54E-07	3.52E-06	4.80E-04	4.44E-05	5.72E-04
841	SG_841	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6369.900	1.84E-03	3.87E-03	5.41E-02	3.54E-03	9.98E-07	3.04E-03	5.90E-04	1.84E-04	3.61E-12	9.57E-05	2.53E-07	1.78E-07	2.80E-06	1.74E-06	1.05E-05	1.65E-07	3.77E-06	5.15E-04	4.77E-05	6.14E-04
842	SG_842	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6369.900	2.02E-03	4.26E-03	5.95E-02	3.80E-03	1.10E-06	3.34E-03	6.50E-04	2.03E-04	3.97E-12	1.05E-04	2.79E-07	1.96E-07	3.09E-06	1.92E-06	1.15E-05	1.82E-07	4.16E-06	5.67E-04	5.25E-05	6.76E-04
843	SG_843	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6369.900	2.33E-03	4.90E-03	6.84E-02	4.27E-03	1.27E-06	3.88E-03	7.49E-04	2.34E-04	4.57E-12	1.21E-04	3.22E-07	2.26E-07	3.56E-06	2.21E-06	1.33E-05	2.10E-07	4.79E-06	6.54E-04	6.05E-05	7.79E-04
844	SG_844	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6369.900	2.53E-03	5.32E-03	7.41E-02	4.53E-03	1.37E-06	4.23E-03	8.12E-04	2.53E-04	4.96E-12	1.32E-04	3.49E-07	2.45E-07	3.86E-06	2.40E-06	1.44E-05	2.28E-07	5.19E-06	7.09E-04	6.56E-05	8.45E-04
845	SG_845	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6369.900	2.90E-03	6.11E-03	8.50E-02	5.12E-03	1.58E-06	4.94E-03	9.33E-04	2.91E-04	5.70E-12	1.51E-04	4.01E-07	2.81E-07	4.43E-06	2.76E-06	1.65E-05	2.61E-07	5.96E-06	8.14E-04	7.53E-05	9.70E-04
846	SG_846	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6369.900	3.25E-03	6.84E-03	9.52E-02	5.67E-03	1.77E-06	5.63E-03	1.05E-03	3.26E-04	6.39E-12	1.70E-04	4.49E-07	3.15E-07	4.97E-06	3.09E-06	1.85E-05	2.93E-07	6.69E-06	9.13E-04	8.45E-05	1.09E-03
847	SG_847	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6369.900	3.55E-03	7.46E-03	1.04E-01	6.13E-03	1.93E-06	6.23E-03	1.14E-03	3.56E-04	6.96E-12	1.85E-04	4.89E-07	3.43E-07	5.41E-06	3.37E-06	2.02E-05	3.19E-07	7.29E-06	9.95E-04	9.21E-05	1.19E-03
848	SG_848	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6369.900	3.77E-03	7.93E-03	1.10E-01	6.47E-03	2.05E-06	6.70E-03	1.21E-03	3.78E-04	7.40E-12	1.96E-04	5.19E-07	3.63E-07	5.75E-06	3.58E-06	2.14E-05	3.39E-07	7.74E-06	1.06E-03	9.78E-05	1.26E-03
849	SG_849	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6369.900	3.68E-03	7.74E-03	1.08E-01	6.29E-03	2.00E-06	6.63E-03	1.18E-03	3.69E-04	7.22E-12	1.92E-04	5.07E-07	3.54E-07	5.61E-06	3.49E-06	2.09E-05	3.31E-07	7.56E-06	1.03E-03	9.55E-05	1.23E-03
852	SG_852	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.900	2.60E-03	5.47E-03	7.62E-02	4.26E-03	1.41E-06	4.64E-03	8.35E-04	2.61E-04	5.10E-12	1.35E-04	3.57E-07	2.49E-07	3.96E-06	2.47E-06	1.48E-05	2.34E-07	5.34E-06	7.29E-04	6.75E-05	8.69E-04
853	SG_853	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.900	2.34E-03	4.92E-03	6.86E-02	3.79E-03	1.27E-06	4.09E-03	7.51E-04	2.34E-04	4.58E-12	1.22E-04	3.21E-07	2.24E-07	3.56E-06	2.22E-06	1.33E-05	2.10E-07	4.80E-06	6.55E-04	6.07E-05	7.81E-04
854	SG_854	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.900	2.30E-03	4.83E-03	6.74E-02	3.73E-03	1.25E-06	4.10E-03	7.38E-04	2.30E-04	4.50E-12	1.20E-04	3.16E-07	2.20E-07	3.50E-06	2.18E-06	1.31E-05	2.07E-07	4.72E-06	6.44E-04	5.96E-05	7.67E-04
855	SG_855	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.900	2.23E-03	4.69E-03	6.55E-02	3.64E-03	1.21E-06	4.02E-03	7.17E-04	2.24E-04	4.38E-12	1.16E-04	3.07E-07	2.15E-07	3.40E-06	2.12E-06	1.27E-05	2.01E-07	4.58E-06	6.26E-04	5.79E-05	7.46E-04
856	SG_856	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.900	2.14E-03	4.50E-03	6.29E-02	3.46E-03	1.16E-06	3.74E-03	6.88E-04	2.15E-04	4.20E-12	1.12E-04	2.95E-07	2.07E-07	3.27E-06	2.03E-06	1.22E-05	1.93E-07	4.40E-06	6.00E-04	5.56E-05	7.15E-04
857	SG_857	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.900	2.18E-03	4.58E-03	6.39E-02	3.48E-03	1.18E-06	3.72E-03	6.99E-04	2.18E-04	4.27E-12	1.13E-04	3.00E-07	2.11E-07	3.32E-06	2.07E-06	1.24E-05	1.96E-07	4.47E-06	6.10E-04	5.65E-05	7.27E-04
858	SG_858	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.900	2.38E-03	5.00E-03	6.98E-02	3.79E-03	1.29E-06	4.01E-03	7.64E-04	2.39E-04	4.67E-12	1.24E-04	3.29E-07	2.31E-07	3.63E-06	2.26E-06	1.35E-05	2.14E-07	4.89E-06	6.67E-04	6.17E-05	7.95E-04
859	SG_859	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.900	2.53E-03	5.32E-03	7.43E-02	4.04E-03	1.38E-06	4.18E-03	8.14E-04	2.54E-04	4.97E-12	1.32E-04	3.50E-07	2.46E-07	3.86E-06	2.41E-06	1.44E-05	2.28E-07	5.20E-06	7.10E-04	6.57E-05	8.46E-04
860	SG_860	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.900	2.53E-03	5.32E-03	7.43E-02	4.06E-03	1.37E-06	4.07E-03	8.13E-04	2.54E-04	4.96E-12	1.32E-04	3.49E-07	2.45E-07	3.86E-06	2.40E-06	1.44E-05	2.28E-07	5.19E-06	7.09E-04	6.56E-05	8.45E-04
861	SG_861	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.900	2.42E-03	5.09E-03	7.11E-02	3.92E-03	1.31E-06	3.82E-03	7.77E-04	2.43E-04	4.75E-12	1.26E-04	3.34E-07	2.34E-07	3.69E-06	2.30E-06	1.38E-05	2.18E-07	4.97E-06	6.79E-04	6.28E-05	8.09E-04
862	SG_862	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.900	2.25E-03	4.72E-03	6.61E-02	3.67E-03	1.22E-06	3.48E-03	7.22E-04	2.25E-04	4.41E-12	1.17E-04	3.10E-07	2.17E-07	3.43E-06	2.13E-06	1.28E-05	2.02E-07	4.61E-06	6.30E-04	5.83E-05	7.51E-04
863	SG_863	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.900	2.09E-03	4.40E-03	6.16E-02	3.45E-03	1.14E-06	3.21E-03	6.73E-04	2.10E-04	4.11E-12	1.09E-04	2.89E-07	2.03E-07	3.19E-06	1.99E-06	1.19E-05	1.88E-07	4.30E-06	5.87E-04	5.43E-05	6.99E-04
864	SG_864	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.900	1.98E-03	4.16E-03	5.83E-02	3.29E-03	1.07E-06	3.00E-03	6.35E-04	1.98E-04	3.88E-12	1.03E-04	2.73E-07	1.92E-07	3.02E-06	1.88E-06	1.12E-05	1.78E-07	4.06E-06	5.55E-04	5.13E-05	6.61E-04
865	SG_865	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.900	1.83E-03	3.84E-03	5.39E-02	3.07E-03	9.93E-07	2.73E-03	5.87E-04	1.83E-04	3.59E-12	9.52E-05	2.52E-07	1.77E-07	2.79E-06	1.74E-06	1.04E-05	1.65E-07	3.75E-06	5.13E-04	4.74E-05	6.11E-04

AQIA DATA - SCENARIO 1 COMMERCIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.24E-01**	**2.60E-01**	**3.55E+00**	**1.99E-01**	**6.74E-05**	**3.58E-01**	**3.98E-02**	**1.24E-02**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**3.47E-02**	**3.21E-03**	**4.14E-02**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
866	SG_866	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.900	1.71E-03	3.61E-03	5.07E-02	2.90E-03	9.32E-07	2.52E-03	5.51E-04	1.72E-04	3.37E-12	8.94E-05	2.37E-07	1.66E-07	2.62E-06	1.63E-06	9.76E-06	1.54E-07	3.52E-06	4.81E-04	4.45E-05	5.73E-04
867	SG_867	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.900	1.67E-03	3.52E-03	4.95E-02	2.84E-03	9.09E-07	2.42E-03	5.38E-04	1.68E-04	3.28E-12	8.72E-05	2.31E-07	1.62E-07	2.55E-06	1.59E-06	9.52E-06	1.51E-07	3.44E-06	4.69E-04	4.34E-05	5.59E-04
868	SG_868	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.900	1.61E-03	3.38E-03	4.76E-02	2.73E-03	8.73E-07	2.26E-03	5.16E-04	1.61E-04	3.15E-12	8.37E-05	2.22E-07	1.56E-07	2.45E-06	1.53E-06	9.14E-06	1.45E-07	3.30E-06	4.51E-04	4.17E-05	5.37E-04
869	SG_869	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6370.100	1.63E-03	3.44E-03	4.83E-02	3.27E-03	8.87E-07	2.60E-03	5.25E-04	1.64E-04	3.21E-12	8.51E-05	2.25E-07	1.57E-07	2.49E-06	1.55E-06	9.30E-06	1.47E-07	3.36E-06	4.58E-04	4.24E-05	5.46E-04
870	SG_870	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6370.100	1.66E-03	3.49E-03	4.89E-02	3.27E-03	8.99E-07	2.63E-03	5.32E-04	1.66E-04	3.25E-12	8.63E-05	2.28E-07	1.60E-07	2.53E-06	1.57E-06	9.42E-06	1.49E-07	3.40E-06	4.65E-04	4.30E-05	5.54E-04
871	SG_871	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6370.100	1.74E-03	3.66E-03	5.13E-02	3.37E-03	9.45E-07	2.76E-03	5.59E-04	1.74E-04	3.41E-12	9.06E-05	2.40E-07	1.68E-07	2.65E-06	1.65E-06	9.90E-06	1.57E-07	3.57E-06	4.88E-04	4.52E-05	5.81E-04
872	SG_872	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6370.100	1.87E-03	3.94E-03	5.53E-02	3.54E-03	1.02E-06	2.96E-03	6.03E-04	1.88E-04	3.68E-12	9.77E-05	2.59E-07	1.81E-07	2.86E-06	1.78E-06	1.07E-05	1.69E-07	3.85E-06	5.26E-04	4.87E-05	6.27E-04
873	SG_873	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6370.100	2.07E-03	4.36E-03	6.11E-02	3.82E-03	1.13E-06	3.29E-03	6.67E-04	2.08E-04	4.07E-12	1.08E-04	2.86E-07	2.01E-07	3.16E-06	1.97E-06	1.18E-05	1.87E-07	4.26E-06	5.82E-04	5.38E-05	6.93E-04
874	SG_874	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6370.100	2.30E-03	4.84E-03	6.77E-02	4.16E-03	1.25E-06	3.70E-03	7.40E-04	2.31E-04	4.52E-12	1.20E-04	3.18E-07	2.23E-07	3.51E-06	2.19E-06	1.31E-05	2.07E-07	4.73E-06	6.46E-04	5.98E-05	7.70E-04
875	SG_875	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6370.100	2.55E-03	5.36E-03	7.48E-02	4.53E-03	1.38E-06	4.16E-03	8.19E-04	2.56E-04	5.00E-12	1.33E-04	3.52E-07	2.47E-07	3.89E-06	2.42E-06	1.45E-05	2.30E-07	5.24E-06	7.15E-04	6.62E-05	8.52E-04
876	SG_876	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6370.100	2.88E-03	6.05E-03	8.43E-02	5.05E-03	1.56E-06	4.79E-03	9.25E-04	2.89E-04	5.65E-12	1.50E-04	3.97E-07	2.78E-07	4.39E-06	2.73E-06	1.64E-05	2.59E-07	5.91E-06	8.07E-04	7.47E-05	9.62E-04
877	SG_877	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6370.100	3.15E-03	6.63E-03	9.23E-02	5.48E-03	1.71E-06	5.33E-03	1.01E-03	3.16E-04	6.18E-12	1.64E-04	4.35E-07	3.05E-07	4.81E-06	2.99E-06	1.79E-05	2.84E-07	6.48E-06	8.84E-04	8.18E-05	1.05E-03
878	SG_878	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6370.100	3.40E-03	7.15E-03	9.95E-02	5.87E-03	1.85E-06	5.83E-03	1.09E-03	3.41E-04	6.67E-12	1.77E-04	4.69E-07	3.28E-07	5.19E-06	3.23E-06	1.93E-05	3.06E-07	6.98E-06	9.53E-04	8.82E-05	1.14E-03
879	SG_879	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6370.100	3.44E-03	7.25E-03	1.01E-01	5.92E-03	1.87E-06	5.97E-03	1.11E-03	3.46E-04	6.76E-12	1.79E-04	4.75E-07	3.32E-07	5.26E-06	3.27E-06	1.96E-05	3.10E-07	7.08E-06	9.66E-04	8.94E-05	1.15E-03
880	SG_880	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6370.100	3.24E-03	6.82E-03	9.50E-02	5.55E-03	1.76E-06	5.70E-03	1.04E-03	3.25E-04	6.36E-12	1.69E-04	4.47E-07	3.12E-07	4.95E-06	3.08E-06	1.85E-05	2.92E-07	6.67E-06	9.10E-04	8.42E-05	1.08E-03
885	SG_885	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6370.100	1.89E-03	3.97E-03	5.56E-02	3.08E-03	1.02E-06	3.21E-03	6.07E-04	1.89E-04	3.70E-12	9.83E-05	2.60E-07	1.81E-07	2.88E-06	1.79E-06	1.07E-05	1.70E-07	3.88E-06	5.30E-04	4.90E-05	6.31E-04
886	SG_886	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6370.100	1.87E-03	3.94E-03	5.51E-02	3.06E-03	1.02E-06	3.22E-03	6.01E-04	1.88E-04	3.67E-12	9.75E-05	2.58E-07	1.80E-07	2.85E-06	1.78E-06	1.06E-05	1.68E-07	3.84E-06	5.25E-04	4.86E-05	6.25E-04
887	SG_887	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6370.100	1.88E-03	3.96E-03	5.55E-02	3.06E-03	1.02E-06	3.21E-03	6.05E-04	1.89E-04	3.70E-12	9.81E-05	2.60E-07	1.82E-07	2.87E-06	1.79E-06	1.07E-05	1.70E-07	3.87E-06	5.28E-04	4.89E-05	6.30E-04
888	SG_888	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6370.100	1.95E-03	4.11E-03	5.74E-02	3.15E-03	1.06E-06	3.27E-03	6.27E-04	1.96E-04	3.83E-12	1.02E-04	2.69E-07	1.89E-07	2.98E-06	1.85E-06	1.11E-05	1.76E-07	4.01E-06	5.48E-04	5.07E-05	6.53E-04
889	SG_889	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6370.100	2.05E-03	4.31E-03	6.03E-02	3.29E-03	1.11E-06	3.37E-03	6.59E-04	2.06E-04	4.02E-12	1.07E-04	2.83E-07	1.99E-07	3.13E-06	1.95E-06	1.17E-05	1.85E-07	4.21E-06	5.75E-04	5.32E-05	6.86E-04
890	SG_890	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6370.100	2.20E-03	4.63E-03	6.47E-02	3.52E-03	1.20E-06	3.54E-03	7.07E-04	2.21E-04	4.32E-12	1.15E-04	3.04E-07	2.14E-07	3.36E-06	2.09E-06	1.25E-05	1.98E-07	4.52E-06	6.17E-04	5.71E-05	7.35E-04
891	SG_891	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6370.100	2.29E-03	4.82E-03	6.74E-02	3.68E-03	1.24E-06	3.61E-03	7.36E-04	2.30E-04	4.49E-12	1.19E-04	3.16E-07	2.22E-07	3.49E-06	2.18E-06	1.30E-05	2.06E-07	4.70E-06	6.42E-04	5.94E-05	7.65E-04
892	SG_892	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6370.100	2.26E-03	4.76E-03	6.66E-02	3.66E-03	1.23E-06	3.49E-03	7.27E-04	2.27E-04	4.44E-12	1.18E-04	3.12E-07	2.19E-07	3.45E-06	2.15E-06	1.29E-05	2.04E-07	4.65E-06	6.35E-04	5.87E-05	7.56E-04
893	SG_893	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6370.100	2.13E-03	4.49E-03	6.29E-02	3.48E-03	1.16E-06	3.23E-03	6.86E-04	2.14E-04	4.19E-12	1.11E-04	2.95E-07	2.07E-07	3.26E-06	2.03E-06	1.21E-05	1.92E-07	4.38E-06	5.99E-04	5.54E-05	7.13E-04
894	SG_894	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6370.100	2.06E-03	4.33E-03	6.06E-02	3.38E-03	1.12E-06	3.09E-03	6.61E-04	2.06E-04	4.03E-12	1.07E-04	2.84E-07	1.99E-07	3.14E-06	1.95E-06	1.17E-05	1.85E-07	4.22E-06	5.77E-04	5.34E-05	6.87E-04
895	SG_895	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6370.100	1.87E-03	3.94E-03	5.52E-02	3.10E-03	1.02E-06	2.76E-03	6.01E-04	1.88E-04	3.67E-12	9.75E-05	2.58E-07	1.81E-07	2.85E-06	1.78E-06	1.06E-05	1.69E-07	3.84E-06	5.25E-04	4.86E-05	6.25E-04
896	SG_896	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6370.100	1.69E-03	3.55E-03	4.99E-02	2.82E-03	9.17E-07	2.44E-03	5.42E-04	1.69E-04	3.31E-12	8.79E-05	2.33E-07	1.64E-07	2.58E-06	1.60E-06	9.60E-06	1.52E-07	3.47E-06	4.73E-04	4.38E-05	5.64E-04
897	SG_897	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6370.100	1.58E-03	3.32E-03	4.67E-02	2.65E-03	8.57E-07	2.25E-03	5.07E-04	1.58E-04	3.10E-12	8.22E-05	2.18E-07	1.53E-07	2.41E-06	1.50E-06	8.98E-06	1.42E-07	3.24E-06	4.43E-04	4.09E-05	5.27E-04
898	SG_898	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6370.100	1.49E-03	3.14E-03	4.43E-02	2.53E-03	8.11E-07	2.09E-03	4.80E-04	1.50E-04	2.93E-12	7.78E-05	2.06E-07	1.45E-07	2.28E-06	1.42E-06	8.49E-06	1.34E-07	3.07E-06	4.19E-04	3.88E-05	4.99E-04
899	SG_899	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6370.100	1.47E-03	3.09E-03	4.35E-02	2.50E-03	7.97E-07	2.03E-03	4.72E-04	1.47E-04	2.88E-12	7.65E-05	2.03E-07	1.42E-07	2.24E-06	1.39E-06	8.35E-06	1.32E-07	3.01E-06	4.12E-04	3.81E-05	4.91E-04
900	SG_900	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6370.300	1.60E-03	3.36E-03	4.73E-02	3.16E-03	8.68E-07	2.42E-03	5.14E-04	1.60E-04	3.14E-12	8.33E-05	2.20E-07	1.54E-07	2.44E-06	1.52E-06	9.09E-06	1.44E-07	3.28E-06	4.48E-04	4.15E-05	5.34E-04
901	SG_901	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6370.300	1.68E-03	3.54E-03	4.98E-02	3.27E-03	9.15E-07	2.56E-03	5.41E-04	1.69E-04	3.30E-12	8.77E-05	2.32E-07	1.63E-07	2.57E-06	1.60E-06	9.58E-06	1.52E-07	3.46E-06	4.72E-04	4.37E-05	5.63E-04
902	SG_902	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6370.300	1.79E-03	3.77E-03	5.30E-02	3.40E-03	9.74E-07	2.72E-03	5.76E-04	1.80E-04	3.52E-12	9.34E-05	2.47E-07	1.73E-07	2.74E-06	1.70E-06	1.02E-05	1.61E-07	3.68E-06	5.03E-04	4.65E-05	5.99E-04
903	SG_903	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6370.300	1.92E-03	4.03E-03	5.66E-02	3.55E-03	1.04E-06	2.92E-03	6.16E-04	1.92E-04	3.76E-12	9.99E-05	2.64E-07	1.85E-07	2.93E-06	1.82E-06	1.09E-05	1.73E-07	3.94E-06	5.38E-04	4.98E-05	6.41E-04
904	SG_904	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6370.300	2.11E-03	4.45E-03	6.23E-02	3.85E-03	1.15E-06	3.26E-03	6.80E-04	2.12E-04	4.15E-12	1.10E-04	2.92E-07	2.04E-07	3.23E-06	2.01E-06	1.20E-05	1.90E-07	4.35E-06	5.93E-04	5.49E-05	7.07E-04
905	SG_905	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6370.300	2.33E-03	4.90E-03	6.85E-02	4.17E-03	1.27E-06	3.65E-03	7.49E-04	2.34E-04	4.57E-12	1.21E-04	3.21E-07	2.25E-07	3.55E-06	2.21E-06	1.33E-05	2.10E-07	4.79E-06	6.53E-04	6.05E-05	7.79E-04
906	SG_906	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6370.300	2.56E-03	5.40E-03	7.54E-02	4.53E-03	1.39E-06	4.10E-03	8.24E-04	2.57E-04	5.03E-12	1.34E-04	3.54E-07	2.48E-07	3.91E-06	2.44E-06	1.46E-05	2.31E-07	5.27E-06	7.20E-04	6.66E-05	8.57E-04
907	SG_907	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6370.300	2.81E-03	5.92E-03	8.25E-02	4.92E-03	1.53E-06	4.57E-03	9.04E-04	2.82E-04	5.52E-12	1.47E-04	3.88E-07	2.72E-07	4.29E-06	2.67E-06	1.60E-05	2.53E-07	5.78E-06	7.89E-04	7.30E-05	9.40E-04
908	SG_908	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6370.300	3.01E-03	6.33E-03	8.83E-02	5.24E-03	1.64E-06	4.97E-03	9.68E-04	3.02E-04	5.91E-12	1.57E-04	4.15E-07	2.91E-07	4.59E-06	2.86E-06	1.71E-05	2.71E-07	6.19E-06	8.45E-04	7.82E-05	1.01E-03
909	SG_909	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6370.300	3.14E-03	6.62E-03	9.22E-02	5.44E-03	1.71E-06	5.25E-03	1.01E-03	3.16E-04	6.17E-12	1.64E-04	4.34E-07	3.03E-07	4.80E-06	2.99E-06	1.79E-05	2.83E-07	6.46E-06	8.82E-04	8.17E-05	1.05E-03
910	SG_910	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6370.300	3.14E-03	6.60E-03	9.19E-02	5.39E-03	1.70E-06	5.30E-03	1.01E-03	3.15E-04	6.16E-12	1.63E-04	4.32E-07	3.02E-07	4.79E-06	2.98E-06	1.78E-05	2.82E-07	6.45E-06	8.80E-04	8.14E-05	1.05E-03
917	SG_917	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6370.300	1.63E-03	3.44E-03	4.83E-02	2.69E-03	8.88E-07	2.71E-03	5.26E-04	1.64E-04	3.21E-12	8.52E-05	2.25E-07	1.57E-07	2.49E-06	1.55E-06	9.30E-06	1.47E-07	3.36E-06	4.59E-04	4.25E-05	5.47E-04
918	SG_918	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6370.300	1.62E-03	3.41E-03	4.78E-02	2.65E-03	8.79E-07	2.65E-03	5.20E-04	1.62E-04	3.18E-12	8.43E-05	2.23E-07	1.56E-07	2.47E-06	1.54E-06	9.21E-06	1.46E-07	3.33E-06	4.54E-04	4.20E-05	5.41E-04
919	SG_919	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6370.300	1.71E-03	3.61E-03	5.06E-02	2.79E-03	9.31E-07	2.79E-03	5.51E-04	1.72E-04	3.36E-12	8.93E-05	2.37E-07	1.66E-07	2.62E-06	1.63E-06	9.75E-06	1.54E-07	3.52E-06	4.81E-04	4.45E-05	5.73E-04
920	SG_920	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6370.300	1.83E-03	3.85E-03	5.39E-02	2.95E-03	9.95E-07	2.95E-03	5.88E-04	1.84E-04	3.59E-12	9.54E-05	2.53E-07	1.78E-07	2.79E-06	1.74E-06	1.04E-05	1.65E-07	3.76E-06	5.13E-04	4.75E-05	6.12E-04
921	SG_921	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6370.300	1.96E-03	4.13E-03	5.78E-02	3.15E-03	1.07E-06	3.10E-03	6.31E-04	1.97E-04	3.85E-12	1.02E-04	2.71E-07	1.91E-07	2.99E-06	1.86E-06	1.12E-05	1.77E-07	4.03E-06	5.50E-04	5.09E-05	6.56E-04
922	SG_922	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6370.300	2.03E-03	4.28E-03	5.99E-02	3.26E-03	1.11E-06	3.13E-03	6.53E-04	2.04E-04	3.99E-12	1.06E-04	2.81E-07	1.98E-07	3.10E-06	1.93E-06	1.16E-05	1.83E-07	4.18E-06	5.70E-04	5.28E-05	6.80E-04
923	SG_923	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6370.300	1.99E-03	4.19E-03	5.88E-02	3.22E-03	1.08E-06	2.99E-03	6.41E-04	2.00E-04	3.91E-12	1.04E-04	2.75E-07	1.93E-07	3.04E-06	1.89E-06	1.13E-05	1.80E-07	4.09E-06	5.59E-04	5.17E-05	6.66E-04
924	SG_924	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6370.300	1.91E-03	4.02E-03	5.64E-02	3.10E-03	1.04E-06	2.80E-03	6.14E-04	1.92E-04	3.75E-12	9.95E-05	2.64E-07	1.85E-07	2.91E-06	1.81E-06	1.09E-05	1.72E-07	3.92E-06	5.36E-04	4.96E-05	6.38E-04
925	SG_925	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6370.300	1.87E-03	3.93E-03	5.51E-02	3.05E-03	1.01E-06	2.71E-03	6.00E-04	1.87E-04	3.66E-12	9.72E-05	2.58E-07	1.81E-07	2.85E-06	1.77E-06	1.06E-05	1.68E-07	3.83E-06	5.23E-04	4.84E-05	6.24E-04
926	SG_926	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6370.300	1.79E-03	3.77E-03	5.30E-02	2.95E-03	9.75E-07	2.58E-03	5.77E-04	1.80E-04	3.52E-12	9.35E-05	2.48E-07	1.74E-07	2.74E-06	1.70E-06	1.02E-05	1.62E-07	3.69E-06	5.03E-04	4.66E-05	6.00E-04
927	SG_927	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6370.300	1.62E-03	3.40E-03	4.79E-02	2.68E-03	8.79E-07	2.28E-03	5.20E-04	1.62E-04	3.17E-12	8.43E-05	2.23E-07	1.57E-07	2.47E-06	1.54E-06	9.21E-06	1.46E-07	3.32E-06	4.54E-04	4.20E-05	5.41E-04
928	SG_928	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6370.300	1.54E-03	3.25E-03	4.57E-02	2.58E-03	8.39E-07	2.15E-03	4.96E-04	1.55E-04	3.03E-12	8.04E-05	2.13E-07	1.50E-07	2.36E-06	1.47E-06	8.78E-06	1.39E-07	3.17E-06	4.33E-04	4.01E-05	5.16E-04
929	SG_929	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6370.300	1.45E-03	3.04E-03	4.29E-02	2.43E-03	7.86E-07	1.99E-03	4.65E-04	1.45E-04	2.84E-12	7.54E-05	2.00E-07	1.40E-07	2.21E-06	1.37E-06	8.23E-06	1.30E-07	2.97E-06	4.06E-04	3.76E-05	4.84E-04
930	SG_930	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6370.300	1.39E-03	2.92E-03	4.12E-02	2.35E-03	7.55E-07	1.89E-03	4.46E-04	1.39E-04	2.73E-12	7.24E-05	1.92E-07	1.35E-07	2.12E-06	1.32E-06	7.90E-06	1.25E-07	2.85E-06	3.90E-04	3.61E-05	4.64E-04
931	SG_931	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6370.500	1.67E-03	3.51E-03	4.94E-02	3.24E-03	9.05E-07	2.43E-03	5.36E-04	1.67E-04	3.27E-12	8.69E-05	2.30E-07	1.61E-07	2.54E-06	1.58E-06	9.49E-06	1.50E-07	3.43E-06	4.68E-04	4.33E-05	5.57E-04
932	SG_932	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6370.500	1.77E-03	3.72E-03	5.22E-02	3.37E-03	9.59E-07	2.58E-03	5.68E-04	1.77E-04	3.47E-12	9.20E-05	2.44E-07	1.71E-07	2.69E-06	1.68E-06	1.00E-05	1.59E-07	3.63E-06	4.95E-04	4.58E-05	5.90E-04
933	SG_933	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6370.500	1.87E-03	3.93E-03	5.52E-02	3.48E-03	1.01E-06	2.74E-03	6.00E-04	1.87E-04	3.66E-12	9.73E-05	2.57E-07	1.80E-07	2.85E-06	1.77E-06	1.06E-05	1.68E-07	3.84E-06	5.24E-04	4.85E-05	6.24E-04
934	SG_934	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6370.500	1.98E-03	4.17E-03	5.84E-02	3.62E-03	1.08E-06	2.93E-03	6.36E-04	1.99E-04	3.88E-12	1.03E-04	2.73E-07	1.91E-07	3.02E-06	1.88E-06	1.13E-05	1.78E-07	4.07E-06	5.55E-04	5.14E-05	6.62E-04
935	SG_935	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6370.500	2.12E-03	4.46E-03	6.25E-02	3.82E-03	1.15E-06	3.19E-03	6.81E-04	2.13E-04	4.16E-12	1.10E-04	2.92E-07	2.05E-07	3.23E-06	2.01E-06	1.21E-05	1.91E-07	4.36E-06	5.95E-04	5.50E-05	7.09E-04
936	SG_936	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6370.500	2.34E-03	4.92E-03	6.89E-02	4.16E-03	1.27E-06	3.59E-03	7.52E-04	2.35E-04	4.59E-12	1.22E-04	3.23E-07	2.26E-07	3.57E-06	2.22E-06	1.33E-05	2.11E-07	4.81E-06	6.57E-04	6.08E-05	7.82E-04
937	SG_937	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6370.500	2.58E-03	5.42E-03	7.57E-02	4.53E-03	1.40E-06	4.03E-03	8.28E-04	2.58E-04	5.06E-12	1.34E-04	3.55E-07	2.49E-07	3.93E-06	2.45E-06	1.47E-05	2.32E-07	5.29E-06	7.23E-04	6.69E-05	8.61E-04
938	SG_938	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6370.500	2.77E-03	5.83E-03	8.14E-02	4.84E-03	1.51E-06	4.40E-03	8.91E-04	2.78E-04	5.44E-12	1.44E-04	3.82E-07	2.68E-07	4.23E-06	2.63E-06	1.58E-05	2.50E-07	5.70E-06	7.78E-04	7.20E-05	9.27E-04
939	SG_939	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6370.500	3.01E-03	6.34E-03	8.84E-02	5.24E-03	1.64E-06	4.87E-03	9.69E-04	3.02E-04	5.92E-12	1.57E-04	4.15E-07	2.91E-07	4.60E-06	2.86E-06	1.72E-05	2.71E-07	6.20E-06	8.46E-04	7.83E-05	1.01E-03
940	SG_940	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6370.500	3.01E-03	6.34E-03	8.84E-02	5.22E-03	1.64E-06	4.92E-03	9.69E-04	3.02E-04	5.92E-12	1.57E-04	4.15E-07	2.90E-07	4.60E-06	2.86E-06	1.72E-05	2.71E-07	6.20E-06	8.46E-04	7.83E-05	1.01E-03
949	SG_949	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6370.500	1.49E-03	3.13E-03	4.40E-02	2.45E-03	8.07E-07	2.39E-03	4.78E-04	1.49E-04	2.92E-12	7.75E-05	2.05E-07	1.43E-07	2.27E-06	1.41E-06	8.46E-06	1.34E-07	3.06E-06	4.17E-04	3.86E-05	4.97E-04
950	SG_950	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6370.500	1.54E-03	3.24E-03	4.56E-02	2.52E-03	8.37E-07	2.45E-03	4.95E-04	1.55E-04	3.02E-12	8.03E-05	2.13E-07	1.49E-07	2.35E-06	1.46E-06	8.77E-06	1.39E-07	3.17E-06	4.32E-04	4.00E-05	5.15E-04
951	SG_951	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6370.500	1.59E-03	3.35E-03	4.70E-02	2.58E-03	8.65E-07	2.49E-03	5.11E-04	1.60E-04	3.12E-12	8.29E-05	2.20E-07	1.54E-07	2.43E-06	1.51E-06	9.05E-06	1.43E-07	3.27E-06	4.46E-04	4.13E-05	5.32E-04
952	SG_952	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6370.500	1.69E-03	3.56E-03	5.00E-02	2.73E-03	9.19E-07	2.59E-03	5.44E-04	1.70E-04	3.32E-12	8.81E-05	2.34E-07	1.64E-07	2.58E-06	1.61E-06	9.62E-06	1.52E-07	3.47E-06	4.74E-04	4.39E-05	5.65E-04
953	SG_953	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6370.500	1.83E-03	3.85E-03	5.40E-02	2.94E-03	9.94E-07	2.75E-03	5.88E-04	1.83E-04	3.59E-12	9.53E-05	2.53E-07	1.78E-07	2.79E-06	1.74E-06	1.04E-05	1.65E-07	3.76E-06	5.13E-04	4.75E-05	6.11E-04
954	SG_954	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6370.500	1.87E-03	3.92E-03	5.51E-02	3.01E-03	1.01E-06	2.75E-03	6.00E-04	1.87E-04	3.66E-12	9.72E-05	2.58E-07	1.81E-07	2.85E-06	1.77E-06	1.06E-05	1.68E-07	3.83E-06	5.23E-04	4.84E-05	6.24E-04
955	SG_955	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6370.500	1.80E-03	3.79E-03	5.33E-02	2.92E-03	9.79E-07	2.59E-03	5.79E-04	1.81E-04	3.54E-12	9.39E-05	2.49E-07	1.75E-07	2.75E-06	1.71E-06	1.03E-05	1.62E-07	3.70E-06	5.06E-04	4.68E-05	6.02E-04
956	SG_956	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6370.500	1.74E-03	3.67E-03	5.16E-02	2.85E-03	9.48E-07	2.47E-03	5.61E-04	1.75E-04	3.42E-12	9.09E-05	2.41E-07	1.69E-07	2.66E-06	1.66E-06	9.92E-06	1.57E-07	3.58E-06	4.89E-04	4.53E-05	5.83E-04
957	SG_957	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6370.500	1.68E-03	3.54E-03	4.98E-02	2.76E-03	9.13E-07	2.35E-03	5.40E-04	1.69E-04	3.30E-12	8.76E-05	2.32E-07	1.63E-07	2.56E-06	1.60E-06	9.56E-06	1.51E-07	3.45E-06	4.71E-04	4.36E-05	5.62E-04
1012	SR_51	Sensitive Receptor	Commercial	Offsite	380.025	6370.050	1.95E-03	4.11E-03	5.75E-02	3.19E-03	1.06E-06	3.39E-03	6.28E-04	1.96E-04	3.83E-12	1.02E-04	2.69E-07	1.88E-07	2.98E-06	1.85E-06	1.11E-05	1.76E-07	4.02E-06	5.48E-04	5.07E-05	6.53E-04
1013	SR_52	Sensitive Receptor	Commercial	Offsite	379.877	6369.978	2.14E-03	4.50E-03	6.29E-02	3.48E-03	1.16E-06	3.75E-03	6.88E-04	2.15E-04	4.20E-12	1.11E-04	2.94E-07	2.06E-07	3.26E-06	2.03E-06	1.22E-05	1.93E-07	4.40E-06	6.00E-04	5.55E-05	7.15E-04
1014	SR_53	Sensitive Receptor	Commercial	Offsite	380.968	6368.921	3.93E-03	8.26E-03	1.14E-01	6.46E-03	2.13E-06	7.32E-03	1.26E-03	3.94E-04	7.71E-12	2.05E-04	5.42E-07	3.80E-07	6.00E-06	3.73E-06	2.24E-05	3.54E-07	8.07E-06	1.10E-03	1.02E-04	1.31E-03
1015	SR_54	Sensitive Receptor	Commercial	Offsite	381.099	6368.904	3.62E-03	7.61E-03	1.06E-01	6.03E-03	1.97E-06	6.69E-03	1.16E-03	3.63E-04	7.11E-12	1.89E-04	4.99E-07	3.50E-07	5.53E-06	3.44E-06	2.06E-05	3.26E-07	7.44E-06	1.02E-03	9.40E-05	1.21E-03
1016	SR_55	Sensitive Receptor	Commercial	Offsite	381.221	6368.883	3.42E-03	7.18E-03	9.97E-02	5.74E-03	1.86E-06	6.25E-03	1.10E-03	3.43E-04	6.71E-12	1.78E-04	4.71E-07	3.30E-07	5.21E-06	3.24E-06	1.94E-05	3.08E-07	7.02E-06	9.59E-04	8.87E-05	1.14E-03
1017	SR_56	Sensitive Receptor	Commercial	Offsite	380.947	6368.811	4.12E-03	8.67E-03	1.20E-01	6.81E-03	2.24E-06	7.84E-03	1.33E-03	4.14E-04	8.09E-12	2.15E-04	5.68E-07	3.98E-07	6.29E-06	3.91E-06	2.35E-05	3.71E-07	8.47E-06	1.16E-03	1.07E-04	1.38E-03
1018	SR_57	Sensitive Receptor	Commercial	Offsite	381.082	6368.798	3.81E-03	8.00E-03	1.11E-01	6.36E-03	2.07E-06	7.15E-03	1.22E-03	3.82E-04	7.47E-12	1.98E-04	5.25E-07	3.67E-07	5.81E-06	3.61E-06	2.17E-05	3.43E-07	7.82E-06	1.07E-03	9.88E-05	1.27E-03
1019	SR_58	Sensitive Receptor	Commercial	Offsite	381.293	6368.773	3.50E-03	7.35E-03	1.02E-01	5.90E-03	1.90E-06	6.39E-03	1.12E-03	3.51E-04	6.86E-12	1.82E-04	4.82E-07	3.38E-07	5.34E-06	3.32E-06	1.99E-05	3.15E-07	7.19E-06	9.81E-04	9.08E-05	1.17E-03
1020	SR_59	Sensitive Receptor	Commercial	Offsite	381.200	6368.219	4.91E-03	1.03E-02	1.42E-01	8.21E-03	2.66E-06	9.21E-03	1.58E-03	4.92E-04	9.63E-12	2.56E-04	6.76E-07	4.72E-07	7.49E-06	4.66E-06	2.79E-05	4.42E-07	1.01E-05	1.38E-03	1.27E-04	1.64E-03
1021	SR_60	Sensitive Receptor	Commercial	Offsite	382.315	6367.708	3.81E-03	8.01E-03	1.11E-01	6.19E-03	2.07E-06	6.13E-03	1.23E-03	3.82E-04	7.48E-12	1.99E-04	5.25E-07	3.67E-07	5.82E-06	3.62E-06	2.17E-05	3.43E-07	7.84E-06	1.07E-03	9.90E-05	1.27E-03
1022	SR_61	Sensitive Receptor	Commercial	Offsite	382.259	6367.717	3.88E-03	8.15E-03	1.13E-01	6.29E-03	2.10E-06	6.27E-03	1.25E-03	3.89E-04	7.60E-12	2.02E-04	5.34E-07	3.73E-07	5.91E-06	3.68E-06	2.21E-05	3.49E-07	7.96E-06	1.09E-03	1.01E-04	1.30E-03

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 1 COMMERCIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.24E-01**	**2.60E-01**	**3.55E+00**	**1.99E-01**	**6.74E-05**	**3.58E-01**	**3.98E-02**	**1.24E-02**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**3.47E-02**	**3.21E-03**	**4.14E-02**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1023	SR_62	Sensitive Receptor	Commercial	Offsite	382.229	6367.724	3.92E-03	8.24E-03	1.14E-01	6.37E-03	2.13E-06	6.37E-03	1.26E-03	3.93E-04	7.69E-12	2.04E-04	5.40E-07	3.77E-07	5.98E-06	3.72E-06	2.23E-05	3.53E-07	8.06E-06	1.10E-03	1.02E-04	1.31E-03
1024	SR_63	Sensitive Receptor	Commercial	Offsite	382.198	6367.730	3.96E-03	8.31E-03	1.15E-01	6.43E-03	2.15E-06	6.45E-03	1.27E-03	3.97E-04	7.76E-12	2.06E-04	5.45E-07	3.80E-07	6.03E-06	3.75E-06	2.25E-05	3.56E-07	8.13E-06	1.11E-03	1.03E-04	1.32E-03
1025	SR_64	Sensitive Receptor	Commercial	Offsite	382.142	6367.732	4.03E-03	8.48E-03	1.18E-01	6.55E-03	2.19E-06	6.62E-03	1.30E-03	4.04E-04	7.91E-12	2.10E-04	5.55E-07	3.88E-07	6.15E-06	3.83E-06	2.29E-05	3.63E-07	8.29E-06	1.13E-03	1.05E-04	1.35E-03
1026	SR_65	Sensitive Receptor	Commercial	Offsite	382.096	6367.715	4.16E-03	8.74E-03	1.21E-01	6.74E-03	2.26E-06	6.86E-03	1.34E-03	4.17E-04	8.16E-12	2.17E-04	5.73E-07	4.00E-07	6.34E-06	3.95E-06	2.37E-05	3.74E-07	8.55E-06	1.17E-03	1.08E-04	1.39E-03
1027	SR_66	Sensitive Receptor	Commercial	Offsite	382.059	6367.688	4.34E-03	9.12E-03	1.26E-01	7.01E-03	2.35E-06	7.20E-03	1.39E-03	4.35E-04	8.51E-12	2.26E-04	5.97E-07	4.17E-07	6.62E-06	4.12E-06	2.47E-05	3.91E-07	8.92E-06	1.22E-03	1.13E-04	1.45E-03
1028	SR_67	Sensitive Receptor	Commercial	Offsite	381.984	6367.635	4.76E-03	1.00E-02	1.38E-01	7.63E-03	2.58E-06	7.99E-03	1.53E-03	4.77E-04	9.33E-12	2.48E-04	6.55E-07	4.58E-07	7.26E-06	4.51E-06	2.71E-05	4.28E-07	9.78E-06	1.33E-03	1.23E-04	1.59E-03
1029	SR_68	Sensitive Receptor	Commercial	Offsite	381.937	6367.607	5.00E-03	1.05E-02	1.45E-01	7.98E-03	2.71E-06	8.45E-03	1.61E-03	5.01E-04	9.80E-12	2.60E-04	6.88E-07	4.81E-07	7.62E-06	4.74E-06	2.84E-05	4.50E-07	1.03E-05	1.40E-03	1.30E-04	1.67E-03
1030	SR_69	Sensitive Receptor	Commercial	Offsite	381.900	6367.578	5.18E-03	1.09E-02	1.50E-01	8.23E-03	2.81E-06	8.79E-03	1.66E-03	5.19E-04	1.02E-11	2.70E-04	7.13E-07	4.98E-07	7.90E-06	4.91E-06	2.95E-05	4.66E-07	1.06E-05	1.45E-03	1.34E-04	1.73E-03
1031	SR_70	Sensitive Receptor	Commercial	Offsite	382.308	6367.664	3.95E-03	8.30E-03	1.15E-01	6.38E-03	2.14E-06	6.37E-03	1.27E-03	3.96E-04	7.75E-12	2.06E-04	5.44E-07	3.80E-07	6.03E-06	3.75E-06	2.25E-05	3.56E-07	8.12E-06	1.11E-03	1.03E-04	1.32E-03
1032	SR_71	Sensitive Receptor	Commercial	Offsite	382.279	6367.620	4.07E-03	8.56E-03	1.19E-01	6.54E-03	2.21E-06	6.58E-03	1.31E-03	4.08E-04	7.99E-12	2.12E-04	5.61E-07	3.92E-07	6.21E-06	3.87E-06	2.32E-05	3.67E-07	8.37E-06	1.14E-03	1.06E-04	1.36E-03
1033	SR_72	Sensitive Receptor	Commercial	Offsite	382.244	6367.607	4.17E-03	8.76E-03	1.21E-01	6.67E-03	2.26E-06	6.76E-03	1.34E-03	4.18E-04	8.18E-12	2.17E-04	5.74E-07	4.01E-07	6.36E-06	3.95E-06	2.37E-05	3.75E-07	8.56E-06	1.17E-03	1.08E-04	1.39E-03
1034	SR_73	Sensitive Receptor	Commercial	Offsite	382.213	6367.622	4.20E-03	8.82E-03	1.22E-01	6.73E-03	2.28E-06	6.84E-03	1.35E-03	4.21E-04	8.24E-12	2.19E-04	5.78E-07	4.04E-07	6.40E-06	3.98E-06	2.39E-05	3.78E-07	8.63E-06	1.18E-03	1.09E-04	1.40E-03
1035	SR_74	Sensitive Receptor	Commercial	Offsite	382.187	6367.624	4.25E-03	8.93E-03	1.24E-01	6.81E-03	2.31E-06	6.94E-03	1.36E-03	4.26E-04	8.33E-12	2.21E-04	5.85E-07	4.09E-07	6.48E-06	4.03E-06	2.42E-05	3.82E-07	8.73E-06	1.19E-03	1.10E-04	1.42E-03
1036	SR_75	Sensitive Receptor	Commercial	Offsite	382.123	6367.629	4.38E-03	9.21E-03	1.28E-01	7.03E-03	2.38E-06	7.22E-03	1.41E-03	4.39E-04	8.59E-12	2.28E-04	6.03E-07	4.21E-07	6.68E-06	4.16E-06	2.49E-05	3.94E-07	9.00E-06	1.23E-03	1.14E-04	1.46E-03
1037	SR_76	Sensitive Receptor	Commercial	Offsite	382.050	6367.569	4.72E-03	9.92E-03	1.37E-01	7.50E-03	2.56E-06	7.85E-03	1.52E-03	4.73E-04	9.26E-12	2.46E-04	6.50E-07	4.54E-07	7.20E-06	4.48E-06	2.68E-05	4.25E-07	9.70E-06	1.32E-03	1.22E-04	1.58E-03
1038	SR_77	Sensitive Receptor	Commercial	Offsite	382.028	6367.547	4.88E-03	1.02E-02	1.42E-01	7.73E-03	2.65E-06	8.14E-03	1.57E-03	4.89E-04	9.57E-12	2.54E-04	6.71E-07	4.69E-07	7.44E-06	4.63E-06	2.77E-05	4.39E-07	1.00E-05	1.37E-03	1.27E-04	1.63E-03
1039	SR_78	Sensitive Receptor	Commercial	Offsite	381.920	6367.470	5.57E-03	1.17E-02	1.62E-01	8.73E-03	3.02E-06	9.43E-03	1.79E-03	5.59E-04	1.09E-11	2.90E-04	7.67E-07	5.36E-07	8.50E-06	5.29E-06	3.17E-05	5.02E-07	1.14E-05	1.56E-03	1.45E-04	1.86E-03
1040	SR_79	Sensitive Receptor	Commercial	Offsite	381.968	6367.507	5.23E-03	1.10E-02	1.52E-01	8.23E-03	2.84E-06	8.79E-03	1.68E-03	5.24E-04	1.03E-11	2.72E-04	7.19E-07	5.02E-07	7.97E-06	4.96E-06	2.97E-05	4.70E-07	1.07E-05	1.47E-03	1.36E-04	1.75E-03
1041	SR_80	Sensitive Receptor	Commercial	Offsite	381.984	6367.474	5.34E-03	1.12E-02	1.55E-01	8.38E-03	2.90E-06	8.96E-03	1.72E-03	5.35E-04	1.05E-11	2.78E-04	7.35E-07	5.13E-07	8.14E-06	5.06E-06	3.04E-05	4.80E-07	1.10E-05	1.50E-03	1.39E-04	1.78E-03
1042	SR_81	Sensitive Receptor	Commercial	Offsite	381.992	6367.443	5.47E-03	1.15E-02	1.59E-01	8.56E-03	2.97E-06	9.17E-03	1.76E-03	5.49E-04	1.07E-11	2.85E-04	7.54E-07	5.26E-07	8.35E-06	5.19E-06	3.11E-05	4.93E-07	1.12E-05	1.54E-03	1.42E-04	1.83E-03
1043	SR_82	Sensitive Receptor	Commercial	Offsite	382.087	6367.492	4.92E-03	1.03E-02	1.43E-01	7.75E-03	2.67E-06	8.15E-03	1.58E-03	4.94E-04	9.65E-12	2.56E-04	6.78E-07	4.73E-07	7.51E-06	4.67E-06	2.80E-05	4.43E-07	1.01E-05	1.38E-03	1.28E-04	1.64E-03
1044	SR_83	Sensitive Receptor	Commercial	Offsite	382.279	6367.503	4.36E-03	9.17E-03	1.27E-01	6.90E-03	2.37E-06	7.05E-03	1.40E-03	4.37E-04	8.56E-12	2.27E-04	6.01E-07	4.20E-07	6.65E-06	4.14E-06	2.48E-05	3.93E-07	8.96E-06	1.22E-03	1.13E-04	1.46E-03
1045	SR_84	Sensitive Receptor	Commercial	Offsite	382.134	6367.415	5.16E-03	1.08E-02	1.50E-01	8.06E-03	2.80E-06	8.49E-03	1.66E-03	5.17E-04	1.01E-11	2.69E-04	7.10E-07	4.96E-07	7.87E-06	4.89E-06	2.93E-05	4.64E-07	1.06E-05	1.45E-03	1.34E-04	1.72E-03
1046	SR_85	Sensitive Receptor	Commercial	Offsite	382.025	6367.371	5.73E-03	1.20E-02	1.66E-01	8.89E-03	3.11E-06	9.52E-03	1.84E-03	5.74E-04	1.12E-11	2.98E-04	7.88E-07	5.50E-07	8.74E-06	5.43E-06	3.26E-05	5.15E-07	1.18E-05	1.61E-03	1.49E-04	1.91E-03
1047	SR_86	Sensitive Receptor	Commercial	Offsite	381.984	6367.353	5.99E-03	1.26E-02	1.74E-01	9.27E-03	3.25E-06	9.99E-03	1.92E-03	6.00E-04	1.17E-11	3.12E-04	8.24E-07	5.75E-07	9.13E-06	5.68E-06	3.41E-05	5.39E-07	1.23E-05	1.68E-03	1.55E-04	2.00E-03
1048	SR_87	Sensitive Receptor	Commercial	Offsite	382.204	6367.322	5.41E-03	1.14E-02	1.57E-01	8.39E-03	2.94E-06	8.79E-03	1.74E-03	5.43E-04	1.06E-11	2.82E-04	7.45E-07	5.20E-07	8.26E-06	5.14E-06	3.08E-05	4.87E-07	1.11E-05	1.52E-03	1.41E-04	1.81E-03
1049	SR_88	Sensitive Receptor	Commercial	Offsite	382.259	6367.353	5.08E-03	1.07E-02	1.48E-01	7.91E-03	2.76E-06	8.22E-03	1.63E-03	5.10E-04	9.97E-12	2.65E-04	7.00E-07	4.89E-07	7.75E-06	4.82E-06	2.89E-05	4.58E-07	1.04E-05	1.43E-03	1.32E-04	1.70E-03
1050	SR_89	Sensitive Receptor	Commercial	Offsite	381.582	6367.234	9.32E-03	1.96E-02	2.69E-01	1.42E-02	5.05E-06	1.61E-02	2.99E-03	9.34E-04	1.83E-11	4.85E-04	1.28E-06	8.92E-07	1.42E-05	8.84E-06	5.30E-05	8.38E-07	1.91E-05	2.61E-03	2.42E-04	3.11E-03
1051	SR_90	Sensitive Receptor	Commercial	Offsite	381.478	6367.196	1.04E-02	2.17E-02	2.99E-01	1.57E-02	5.61E-06	1.79E-02	3.33E-03	1.04E-03	2.03E-11	5.39E-04	1.42E-06	9.91E-07	1.58E-05	9.82E-06	5.89E-05	9.31E-07	2.13E-05	2.90E-03	2.69E-04	3.46E-03
1052	SR_91	Sensitive Receptor	Commercial	Offsite	381.361	6367.097	1.25E-02	2.63E-02	3.62E-01	1.88E-02	6.79E-06	2.16E-02	4.02E-03	1.26E-03	2.46E-11	6.52E-04	1.72E-06	1.20E-06	1.91E-05	1.19E-05	7.13E-05	1.13E-06	2.57E-05	3.51E-03	3.25E-04	4.19E-03
1053	SR_92	Sensitive Receptor	Commercial	Offsite	381.275	6366.951	1.44E-02	3.03E-02	4.16E-01	2.15E-02	7.81E-06	2.45E-02	4.63E-03	1.45E-03	2.83E-11	7.50E-04	1.98E-06	1.38E-06	2.20E-05	1.37E-05	8.20E-05	1.30E-06	2.96E-05	4.04E-03	3.74E-04	4.82E-03
1054	SR_93	Sensitive Receptor	Commercial	Offsite	381.116	6366.837	1.62E-02	3.40E-02	4.66E-01	2.41E-02	8.77E-06	2.71E-02	5.20E-03	1.62E-03	3.17E-11	8.42E-04	2.22E-06	1.54E-06	2.47E-05	1.53E-05	9.20E-05	1.45E-06	3.32E-05	4.54E-03	4.20E-04	5.41E-03
1055	SR_94	Sensitive Receptor	Commercial	Offsite	381.094	6366.907	1.65E-02	3.47E-02	4.76E-01	2.46E-02	8.95E-06	2.81E-02	5.30E-03	1.66E-03	3.24E-11	8.59E-04	2.27E-06	1.57E-06	2.52E-05	1.56E-05	9.39E-05	1.48E-06	3.39E-05	4.63E-03	4.29E-04	5.52E-03
1056	SR_95	Sensitive Receptor	Commercial	Offsite	381.006	6366.786	1.72E-02	3.61E-02	4.95E-01	2.56E-02	9.31E-06	2.85E-02	5.52E-03	1.72E-03	3.37E-11	8.95E-04	2.36E-06	1.64E-06	2.62E-05	1.63E-05	9.77E-05	1.55E-06	3.53E-05	4.82E-03	4.46E-04	5.74E-03
1057	SR_96	Sensitive Receptor	Commercial	Offsite	380.977	6366.863	1.80E-02	3.79E-02	5.20E-01	2.69E-02	9.78E-06	3.06E-02	5.80E-03	1.81E-03	3.54E-11	9.39E-04	2.48E-06	1.72E-06	2.75E-05	1.71E-05	1.03E-04	1.62E-06	3.71E-05	5.06E-03	4.68E-04	6.03E-03
1058	SR_97	Sensitive Receptor	Commercial	Offsite	380.891	6366.784	1.87E-02	3.93E-02	5.39E-01	2.77E-02	1.01E-05	3.11E-02	6.01E-03	1.88E-03	3.67E-11	9.74E-04	2.57E-06	1.78E-06	2.85E-05	1.77E-05	1.06E-04	1.68E-06	3.84E-05	5.24E-03	4.85E-04	6.25E-03
1059	SR_98	Sensitive Receptor	Commercial	Offsite	380.805	6366.748	1.96E-02	4.11E-02	5.64E-01	2.89E-02	1.06E-05	3.23E-02	6.28E-03	1.96E-03	3.83E-11	1.02E-03	2.68E-06	1.86E-06	2.98E-05	1.85E-05	1.11E-04	1.76E-06	4.02E-05	5.48E-03	5.07E-04	6.53E-03
1060	SR_99	Sensitive Receptor	Commercial	Offsite	380.847	6366.881	2.04E-02	4.28E-02	5.87E-01	3.02E-02	1.10E-05	3.49E-02	6.54E-03	2.04E-03	4.00E-11	1.06E-03	2.79E-06	1.94E-06	3.11E-05	1.93E-05	1.16E-04	1.83E-06	4.19E-05	5.71E-03	5.29E-04	6.81E-03
1061	SR_100	Sensitive Receptor	Commercial	Offsite	380.737	6366.834	2.23E-02	4.69E-02	6.44E-01	3.30E-02	1.21E-05	3.79E-02	7.18E-03	2.24E-03	4.38E-11	1.16E-03	3.06E-06	2.13E-06	3.41E-05	2.12E-05	1.27E-04	2.01E-06	4.59E-05	6.26E-03	5.80E-04	7.46E-03
1062	SR_101	Sensitive Receptor	Commercial	Offsite	380.618	6366.790	2.37E-02	4.97E-02	6.82E-01	3.47E-02	1.28E-05	3.98E-02	7.61E-03	2.37E-03	4.64E-11	1.23E-03	3.25E-06	2.26E-06	3.61E-05	2.24E-05	1.35E-04	2.13E-06	4.87E-05	6.64E-03	6.15E-04	7.91E-03
1063	SR_102	Sensitive Receptor	Commercial	Offsite	380.624	6366.748	2.22E-02	4.67E-02	6.41E-01	3.25E-02	1.20E-05	3.68E-02	7.14E-03	2.23E-03	4.36E-11	1.16E-03	3.05E-06	2.12E-06	3.39E-05	2.11E-05	1.26E-04	2.00E-06	4.57E-05	6.23E-03	5.77E-04	7.43E-03
1064	SR_103	Sensitive Receptor	Commercial	Offsite	380.642	6366.704	2.07E-02	4.34E-02	5.95E-01	3.01E-02	1.12E-05	3.37E-02	6.64E-03	2.07E-03	4.05E-11	1.08E-03	2.83E-06	1.97E-06	3.15E-05	1.96E-05	1.17E-04	1.86E-06	4.25E-05	5.79E-03	5.36E-04	6.90E-03
1065	SR_104	Sensitive Receptor	Commercial	Offsite	380.635	6366.669	1.97E-02	4.14E-02	5.68E-01	2.86E-02	1.07E-05	3.18E-02	6.33E-03	1.97E-03	3.86E-11	1.03E-03	2.70E-06	1.88E-06	3.00E-05	1.87E-05	1.12E-04	1.77E-06	4.05E-05	5.52E-03	5.11E-04	6.58E-03
1066	SR_105	Sensitive Receptor	Commercial	Offsite	380.576	6366.501	1.48E-02	3.10E-02	4.26E-01	2.13E-02	8.00E-06	2.30E-02	4.75E-03	1.48E-03	2.90E-11	7.69E-04	2.03E-06	1.41E-06	2.25E-05	1.40E-05	8.40E-05	1.33E-06	3.04E-05	4.14E-03	3.83E-04	4.94E-03
1067	SR_106	Sensitive Receptor	Commercial	Offsite	380.668	6366.523	1.55E-02	3.26E-02	4.48E-01	2.24E-02	8.41E-06	2.40E-02	4.99E-03	1.56E-03	3.05E-11	8.08E-04	2.13E-06	1.48E-06	2.37E-05	1.47E-05	8.83E-05	1.40E-06	3.19E-05	4.35E-03	4.03E-04	5.19E-03
1068	SR_107	Sensitive Receptor	Commercial	Offsite	380.642	6366.428	1.30E-02	2.74E-02	3.76E-01	1.87E-02	7.06E-06	1.98E-02	4.19E-03	1.31E-03	2.56E-11	6.79E-04	1.79E-06	1.24E-06	1.99E-05	1.24E-05	7.42E-05	1.17E-06	2.68E-05	3.66E-03	3.38E-04	4.36E-03
1069	SR_108	Sensitive Receptor	Commercial	Offsite	380.560	6366.439	1.28E-02	2.69E-02	3.70E-01	1.85E-02	6.95E-06	1.98E-02	4.12E-03	1.29E-03	2.52E-11	6.68E-04	1.76E-06	1.22E-06	1.96E-05	1.22E-05	7.30E-05	1.15E-06	2.64E-05	3.60E-03	3.33E-04	4.29E-03
1070	SR_109	Sensitive Receptor	Commercial	Offsite	380.796	6367.033	2.26E-02	4.75E-02	6.51E-01	3.36E-02	1.23E-05	4.06E-02	7.27E-03	2.27E-03	4.44E-11	1.18E-03	3.10E-06	2.15E-06	3.45E-05	2.14E-05	1.29E-04	2.03E-06	4.65E-05	6.34E-03	5.87E-04	7.56E-03
1071	SR_110	Sensitive Receptor	Commercial	Offsite	380.770	6367.163	2.26E-02	4.74E-02	6.49E-01	3.35E-02	1.22E-05	4.19E-02	7.25E-03	2.26E-03	4.43E-11	1.17E-03	3.10E-06	2.15E-06	3.44E-05	2.14E-05	1.28E-04	2.03E-06	4.64E-05	6.33E-03	5.86E-04	7.54E-03
1072	SR_111	Sensitive Receptor	Commercial	Offsite	380.920	6367.090	1.91E-02	4.00E-02	5.49E-01	2.84E-02	1.03E-05	3.43E-02	6.12E-03	1.91E-03	3.74E-11	9.92E-04	2.62E-06	1.82E-06	2.91E-05	1.81E-05	1.08E-04	1.71E-06	3.92E-05	5.35E-03	4.95E-04	6.37E-03
1073	SR_112	Sensitive Receptor	Commercial	Offsite	380.885	6367.194	1.87E-02	3.92E-02	5.38E-01	2.78E-02	1.01E-05	3.45E-02	6.00E-03	1.87E-03	3.66E-11	9.72E-04	2.56E-06	1.78E-06	2.85E-05	1.77E-05	1.06E-04	1.68E-06	3.84E-05	5.24E-03	4.85E-04	6.24E-03
1074	SR_113	Sensitive Receptor	Commercial	Offsite	381.015	6367.123	1.68E-02	3.53E-02	4.84E-01	2.51E-02	9.11E-06	3.02E-02	5.40E-03	1.69E-03	3.30E-11	8.75E-04	2.31E-06	1.60E-06	2.56E-05	1.59E-05	9.56E-05	1.51E-06	3.45E-05	4.71E-03	4.36E-04	5.62E-03
1075	SR_114	Sensitive Receptor	Commercial	Offsite	380.973	6367.265	1.55E-02	3.25E-02	4.46E-01	2.33E-02	8.40E-06	2.87E-02	4.98E-03	1.55E-03	3.04E-11	8.07E-04	2.13E-06	1.48E-06	2.36E-05	1.47E-05	8.81E-05	1.39E-06	3.18E-05	4.34E-03	4.02E-04	5.18E-03
1076	SR_115	Sensitive Receptor	Commercial	Offsite	381.116	6367.196	1.42E-02	2.97E-02	4.08E-01	2.12E-02	7.68E-06	2.55E-02	4.55E-03	1.42E-03	2.78E-11	7.37E-04	1.95E-06	1.35E-06	2.16E-05	1.34E-05	8.06E-05	1.27E-06	2.91E-05	3.97E-03	3.68E-04	4.73E-03
1077	SR_116	Sensitive Receptor	Commercial	Offsite	381.209	6367.223	1.26E-02	2.65E-02	3.64E-01	1.90E-02	6.84E-06	2.26E-02	4.05E-03	1.27E-03	2.48E-11	6.57E-04	1.73E-06	1.21E-06	1.92E-05	1.20E-05	7.18E-05	1.14E-06	2.59E-05	3.54E-03	3.28E-04	4.22E-03
1078	SR_117	Sensitive Receptor	Commercial	Offsite	381.167	6367.318	1.17E-02	2.46E-02	3.37E-01	1.77E-02	6.34E-06	2.14E-02	3.76E-03	1.17E-03	2.29E-11	6.09E-04	1.61E-06	1.12E-06	1.78E-05	1.11E-05	6.65E-05	1.05E-06	2.40E-05	3.28E-03	3.04E-04	3.91E-03
1079	SR_118	Sensitive Receptor	Commercial	Offsite	380.620	6366.876	2.60E-02	5.46E-02	7.49E-01	3.83E-02	1.41E-05	4.49E-02	8.35E-03	2.61E-03	5.10E-11	1.35E-03	3.57E-06	2.48E-06	3.96E-05	2.46E-05	1.48E-04	2.34E-06	5.34E-05	7.29E-03	6.75E-04	8.69E-03
1083	SR_122	Sensitive Receptor	Commercial	Offsite	379.254	6368.023	2.36E-02	4.96E-02	6.79E-01	3.94E-02	1.28E-05	6.08E-02	7.59E-03	2.37E-03	4.63E-11	1.23E-03	3.27E-06	2.30E-06	3.60E-05	2.24E-05	1.34E-04	2.13E-06	4.85E-05	6.62E-03	6.13E-04	7.89E-03
1084	SR_123	Sensitive Receptor	Commercial	Offsite	379.225	6367.914	2.47E-02	5.18E-02	7.08E-01	4.13E-02	1.34E-05	6.57E-02	7.92E-03	2.47E-03	4.84E-11	1.28E-03	3.41E-06	2.40E-06	3.76E-05	2.34E-05	1.40E-04	2.22E-06	5.06E-05	6.91E-03	6.40E-04	8.24E-03
1085	SR_124	Sensitive Receptor	Commercial	Offsite	379.225	6367.808	3.04E-02	6.38E-02	8.72E-01	5.01E-02	1.65E-05	8.22E-02	9.77E-03	3.05E-03	5.96E-11	1.58E-03	4.21E-06	2.97E-06	4.64E-05	2.89E-05	1.73E-04	2.74E-06	6.24E-05	8.52E-03	7.89E-04	1.02E-02
1086	SR_125	Sensitive Receptor	Commercial	Offsite	379.141	6367.824	2.33E-02	4.90E-02	6.70E-01	3.83E-02	1.27E-05	6.15E-02	7.50E-03	2.34E-03	4.58E-11	1.22E-03	3.23E-06	2.27E-06	3.56E-05	2.22E-05	1.33E-04	2.10E-06	4.79E-05	6.55E-03	6.06E-04	7.80E-03
1087	SR_126	Sensitive Receptor	Commercial	Offsite	379.183	6367.716	3.15E-02	6.62E-02	9.05E-01	5.03E-02	1.71E-05	8.34E-02	1.01E-02	3.16E-03	6.19E-11	1.64E-03	4.36E-06	3.08E-06	4.81E-05	3.00E-05	1.79E-04	2.84E-06	6.47E-05	8.84E-03	8.18E-04	1.05E-02
1088	SR_127	Sensitive Receptor	Commercial	Offsite	379.112	6367.722	2.43E-02	5.11E-02	6.98E-01	3.85E-02	1.32E-05	6.30E-02	7.82E-03	2.44E-03	4.77E-11	1.27E-03	3.36E-06	2.37E-06	3.71E-05	2.31E-05	1.38E-04	2.19E-06	4.99E-05	6.82E-03	6.31E-04	8.13E-03
1089	SR_128	Sensitive Receptor	Commercial	Offsite	379.165	6367.610	3.19E-02	6.69E-02	9.14E-01	4.92E-02	1.73E-05	8.23E-02	1.02E-02	3.19E-03	6.25E-11	1.66E-03	4.41E-06	3.11E-06	4.86E-05	3.03E-05	1.81E-04	2.87E-06	6.54E-05	8.93E-03	8.26E-04	1.06E-02
1090	SR_129	Sensitive Receptor	Commercial	Offsite	379.059	6367.632	2.16E-02	4.54E-02	6.21E-01	3.36E-02	1.18E-05	5.51E-02	6.95E-03	2.17E-03	4.24E-11	1.13E-03	2.99E-06	2.11E-06	3.30E-05	2.06E-05	1.23E-04	1.95E-06	4.44E-05	6.07E-03	5.61E-04	7.23E-03
1091	SR_130	Sensitive Receptor	Commercial	Offsite	379.161	6367.511	3.08E-02	6.47E-02	8.84E-01	4.73E-02	1.68E-05	7.82E-02	9.90E-03	3.09E-03	6.04E-11	1.61E-03	4.27E-06	3.01E-06	4.70E-05	2.93E-05	1.75E-04	2.78E-06	6.32E-05	8.64E-03	7.99E-04	1.03E-02
1092	SR_131	Sensitive Receptor	Commercial	Offsite	379.057	6367.535	2.13E-02	4.48E-02	6.12E-01	3.29E-02	1.16E-05	5.36E-02	6.85E-03	2.14E-03	4.18E-11	1.11E-03	2.95E-06	2.08E-06	3.25E-05	2.03E-05	1.21E-04	1.92E-06	4.37E-05	5.98E-03	5.53E-04	7.12E-03
1093	SR_132	Sensitive Receptor	Commercial	Offsite	379.163	6367.411	2.97E-02	6.24E-02	8.53E-01	4.54E-02	1.62E-05	7.26E-02	9.55E-03	2.98E-03	5.83E-11	1.55E-03	4.13E-06	2.93E-06	4.54E-05	2.83E-05	1.69E-04	2.68E-06	6.10E-05	8.34E-03	7.71E-04	9.94E-03
1094	SR_133	Sensitive Receptor	Commercial	Offsite	379.073	6367.431	2.20E-02	4.61E-02	6.31E-01	3.39E-02	1.20E-05	5.42E-02	7.06E-03	2.20E-03	4.31E-11	1.14E-03	3.04E-06	2.15E-06	3.35E-05	2.09E-05	1.25E-04	1.98E-06	4.51E-05	6.16E-03	5.70E-04	7.34E-03
1095	SR_134	Sensitive Receptor	Commercial	Offsite	379.148	6367.325	2.70E-02	5.68E-02	7.77E-01	4.10E-02	1.47E-05	6.36E-02	8.69E-03	2.71E-03	5.30E-11	1.41E-03	3.77E-06	2.69E-06	4.13E-05	2.58E-05	1.54E-04	2.44E-06	5.55E-05	7.58E-03	7.01E-04	9.04E-03
1096	SR_135	Sensitive Receptor	Commercial	Offsite	378.874	6366.985	1.14E-02	2.40E-02	3.29E-01	1.71E-02	6.23E-06	2.43E-02	3.67E-03	1.14E-03	2.24E-11	5.95E-04	1.59E-06	1.14E-06	1.74E-05	1.09E-05	6.49E-05	1.03E-06	2.34E-05	3.20E-03	2.96E-04	3.81E-03
1097	SR_136	Sensitive Receptor	Commercial	Offsite	378.923	6367.045	1.32E-02	2.77E-02	3.80E-01	1.98E-02	7.20E-06	2.86E-02	4.24E-03	1.32E-03	2.59E-11	6.88E-04	1.84E-06	1.32E-06	2.01E-05	1.26E-05	7.51E-05	1.19E-06	2.71E-05	3.70E-03	3.42E-04	4.41E-03
1098	SR_137	Sensitive Receptor	Commercial	Offsite	378.989	6367.113	1.58E-02	3.32E-02	4.54E-01	2.38E-02	8.61E-06	3.51E-02	5.07E-03	1.58E-03	3.10E-11	8.23E-04	2.20E-06	1.58E-06	2.41E-05	1.50E-05	8.98E-05	1.42E-06	3.24E-05	4.43E-03	4.09E-04	5.28E-03
1099	SR_138	Sensitive Receptor	Commercial	Offsite	379.062	6367.158	1.89E-02	3.97E-02	5.43E-01	2.87E-02	1.03E-05	4.32E-02	6.07E-03	1.89E-03	3.70E-11	9.84E-04	2.63E-06	1.89E-06	2.88E-05	1.80E-05	1.07E-04	1.70E-06	3.87E-05	5.29E-03	4.90E-04	6.31E-03
1100	SR_139	Sensitive Receptor	Commercial	Offsite	378.964	6367.301	1.64E-02	3.45E-02	4.72E-01	2.51E-02	8.95E-06	3.80E-02	5.28E-03	1.65E-03	3.22E-11	8.56E-04	2.28E-06	1.62E-06	2.51E-05	1.56E-05	9.34E-05	1.48E-06	3.37E-05	4.61E-03	4.26E-04	5.49E-03
1101	SR_140	Sensitive Receptor	Commercial	Offsite	378.923	6367.354	1.48E-02	3.10E-02	4.24E-01	2.28E-02	8.04E-06	3.51E-02	4.74E-03	1.48E-03	2.90E-11	7.69E-04	2.05E-06	1.45E-06	2.25E-05	1.40E-05	8.40E-05	1.33E-06	3.03E-05	4.14E-03	3.83E-04	4.93E-03
1102	SR_141	Sensitive Receptor	Commercial	Offsite	378.792	6367.458	1.18E-02	2.47E-02	3.38E-01	1.87E-02	6.39E-06	2.90E-02	3.78E-03	1.18E-03	2.31E-11	6.12E-04	1.63E-06	1.15E-06	1.79E-05	1.12E-05	6.68E-05	1.06E-06	2.41E-05	3.30E-03	3.05E-04	3.93E-03
1103	SR_142	Sensitive Receptor	Commercial	Offsite	378.733	6367.473	1.07E-02	2.25E-02	3.08E-01	1.72E-02	5.83E-06	2.66E-02	3.44E-03	1.07E-03	2.10E-11	5.58E-04	1.48E-06	1.05E-06	1.64E-05	1.02E-05	6.10E-05	9.66E-07	2.20E-05	3.01E-03	2.78E-04	3.58E-03
1104	SR_143	Sensitive Receptor	Commercial	Offsite	378.702	6367.482	1.02E-02	2.15E-02	2.94E-01	1.65E-02	5.56E-06	2.54E-02	3.29E-03	1.03E-03	2.01E-11	5.33E-04	1.41E-06	9.97E-07	1.56E-05	9.72E-06	5.82E-05	9.21E-07	2.10E-05	2.87E-03	2.65E-04	3.42E-03
1105	SR_144	Sensitive Receptor	Commercial	Offsite	378.653	6367.502	9.43E-03	1.98E-02	2.71E-01	1.52E-02	5.12E-06	2.32E-02	3.03E-03	9.45E-04	1.85E-11	4.91E-04	1.30E-06	9.18E-07	1.44E-05	8.96E-06	5.36E-05	8.49E-07	1.94E-05	2.64E-03	2.45E-04	3.15E-03
1106	SR_145	Sensitive Receptor	Commercial	Offsite	378.569	6367.541	8.17E-03	1.72E-02	2.35E-01	1.31E-02	4.44E-06	1.97E-02	2.63E-03	8.19E-04	1.60E-11	4.26E-04	1.13E-06	7.96E-07	1.25E-05	7.77E-06	4.65E-05	7.36E-07	1.68E-05	2.29E-03	2.12E-04	2.73E-03
1107	SR_146	Sensitive Receptor	Commercial	Offsite	378.477	6367.579	7.18E-03	1.51E-02	2.07E-01	1.15E-02	3.90E-06	1.72E-02	2.31E-03	7.20E-04	1.41E-11	3.74E-04	9.92E-07	6.98E-07	1.10E-05	6.82E-06	4.08E-05	6.47E-07	1.47E-05	2.01E-03	1.86E-04	2.40E-03
1108	SR_147	Sensitive Receptor	Commercial	Offsite	378.406	6367.608	6.55E-03	1.38E-02	1.89E-01	1.05E-02	3.56E-06	1.55E-02	2.10E-03	6.56E-04	1.28E-11	3.41E-04	9.05E-07	6.37E-07	9.99E-06	6.22E-06	3.72E-05	5.90E-07	1.34E-05	1.84E-03	1.70E-04	2.19E-03
1109	SR_148	Sensitive Receptor	Commercial	Offsite	378.336	6367.614	6.04E-03	1.27E-02	1.74E-01	9.75E-03	3.28E-06	1.42E-02	1.94E-03	6.05E-04	1.18E-11	3.14E-04	8.34E-07	5.87E-07	9.21E-06	5.73E-06	3.43E-05	5.43E-07	1.24E-05	1.69E-03	1.57E-04	2.02E-03
1110	SR_149	Sensitive Receptor	Commercial	Offsite	378.241	6367.632	5.44E-03	1.14E-02	1.57E-01	8.82E-03	2.96E-06	1.27E-02	1.75E-03	5.46E-04	1.07E-11	2.83E-04	7.52E-07	5.29E-07	8.30E-06	5.17E-06	3.09E-05	4.90E-07	1.12E-05	1.53E-03	1.41E-04	1.82E-03

AQIA DATA - SCENARIO 1 COMMERCIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.24E-01**	**2.60E-01**	**3.55E+00**	**1.99E-01**	**6.74E-05**	**3.58E-01**	**3.98E-02**	**1.24E-02**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**3.47E-02**	**3.21E-03**	**4.14E-02**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1111	SR_150	Sensitive Receptor	Commercial	Offsite	378.627	6367.413	8.95E-03	1.88E-02	2.57E-01	1.42E-02	4.87E-06	2.15E-02	2.88E-03	8.97E-04	1.76E-11	4.66E-04	1.24E-06	8.73E-07	1.37E-05	8.50E-06	5.09E-05	8.06E-07	1.84E-05	2.51E-03	2.32E-04	2.99E-03
1112	SR_151	Sensitive Receptor	Commercial	Offsite	378.697	6367.402	9.95E-03	2.09E-02	2.86E-01	1.58E-02	5.41E-06	2.41E-02	3.20E-03	9.97E-04	1.95E-11	5.18E-04	1.38E-06	9.72E-07	1.52E-05	9.45E-06	5.66E-05	8.96E-07	2.04E-05	2.79E-03	2.58E-04	3.32E-03
1113	SR_152	Sensitive Receptor	Commercial	Offsite	378.761	6367.380	1.09E-02	2.30E-02	3.15E-01	1.72E-02	5.95E-06	2.64E-02	3.52E-03	1.10E-03	2.15E-11	5.70E-04	1.52E-06	1.07E-06	1.67E-05	1.04E-05	6.23E-05	9.86E-07	2.25E-05	3.07E-03	2.84E-04	3.66E-03
1114	SR_153	Sensitive Receptor	Commercial	Offsite	378.819	6367.354	1.21E-02	2.54E-02	3.47E-01	1.89E-02	6.57E-06	2.88E-02	3.88E-03	1.21E-03	2.37E-11	6.29E-04	1.67E-06	1.18E-06	1.84E-05	1.15E-05	6.87E-05	1.09E-06	2.48E-05	3.39E-03	3.13E-04	4.03E-03
1115	SR_154	Sensitive Receptor	Commercial	Offsite	378.854	6367.312	1.29E-02	2.71E-02	3.71E-01	1.99E-02	7.02E-06	3.01E-02	4.14E-03	1.29E-03	2.53E-11	6.72E-04	1.79E-06	1.27E-06	1.97E-05	1.23E-05	7.33E-05	1.16E-06	2.65E-05	3.62E-03	3.35E-04	4.31E-03
1116	SR_155	Sensitive Receptor	Commercial	Offsite	377.826	6367.113	3.78E-03	7.95E-03	1.09E-01	6.12E-03	2.06E-06	8.09E-03	1.22E-03	3.79E-04	7.42E-12	1.97E-04	5.24E-07	3.71E-07	5.77E-06	3.60E-06	2.15E-05	3.41E-07	7.76E-06	1.06E-03	9.81E-05	1.26E-03
1117	SR_156	Sensitive Receptor	Commercial	Offsite	377.870	6367.171	3.92E-03	8.23E-03	1.13E-01	6.34E-03	2.13E-06	8.52E-03	1.26E-03	3.93E-04	7.69E-12	2.04E-04	5.43E-07	3.83E-07	5.98E-06	3.73E-06	2.23E-05	3.53E-07	8.04E-06	1.10E-03	1.02E-04	1.31E-03
1118	SR_157	Sensitive Receptor	Commercial	Offsite	377.916	6367.222	4.07E-03	8.54E-03	1.17E-01	6.56E-03	2.21E-06	8.91E-03	1.31E-03	4.08E-04	7.98E-12	2.12E-04	5.63E-07	3.97E-07	6.20E-06	3.87E-06	2.31E-05	3.66E-07	8.35E-06	1.14E-03	1.06E-04	1.36E-03
1119	SR_158	Sensitive Receptor	Commercial	Offsite	377.760	6367.376	3.64E-03	7.66E-03	1.05E-01	5.86E-03	1.98E-06	7.86E-03	1.17E-03	3.65E-04	7.15E-12	1.90E-04	5.04E-07	3.55E-07	5.56E-06	3.46E-06	2.07E-05	3.28E-07	7.48E-06	1.02E-03	9.46E-05	1.22E-03
1120	SR_159	Sensitive Receptor	Commercial	Offsite	377.921	6367.349	4.10E-03	8.62E-03	1.19E-01	6.58E-03	2.23E-06	9.01E-03	1.32E-03	4.12E-04	8.05E-12	2.14E-04	5.68E-07	4.00E-07	6.26E-06	3.90E-06	2.33E-05	3.70E-07	8.43E-06	1.15E-03	1.07E-04	1.37E-03
1121	SR_160	Sensitive Receptor	Commercial	Offsite	377.993	6367.305	4.35E-03	9.15E-03	1.26E-01	6.97E-03	2.37E-06	9.62E-03	1.40E-03	4.36E-04	8.54E-12	2.27E-04	6.02E-07	4.25E-07	6.64E-06	4.14E-06	2.48E-05	3.92E-07	8.94E-06	1.22E-03	1.13E-04	1.45E-03
1122	SR_161	Sensitive Receptor	Commercial	Offsite	378.073	6367.241	4.66E-03	9.79E-03	1.35E-01	7.46E-03	2.53E-06	1.03E-02	1.50E-03	4.67E-04	9.14E-12	2.43E-04	6.45E-07	4.56E-07	7.11E-06	4.43E-06	2.65E-05	4.20E-07	9.57E-06	1.31E-03	1.21E-04	1.56E-03
1123	SR_162	Sensitive Receptor	Commercial	Offsite	378.163	6367.162	5.09E-03	1.07E-02	1.47E-01	8.07E-03	2.77E-06	1.11E-02	1.64E-03	5.10E-04	9.98E-12	2.65E-04	7.06E-07	5.00E-07	7.76E-06	4.84E-06	2.89E-05	4.59E-07	1.04E-05	1.43E-03	1.32E-04	1.70E-03
1124	SR_163	Sensitive Receptor	Commercial	Offsite	378.088	6367.753	4.71E-03	9.89E-03	1.36E-01	7.73E-03	2.56E-06	1.08E-02	1.51E-03	4.72E-04	9.23E-12	2.45E-04	6.50E-07	4.57E-07	7.18E-06	4.47E-06	2.68E-05	4.24E-07	9.67E-06	1.32E-03	1.22E-04	1.57E-03
1125	SR_164	Sensitive Receptor	Commercial	Offsite	378.256	6367.720	5.56E-03	1.17E-02	1.60E-01	9.12E-03	3.02E-06	1.31E-02	1.79E-03	5.58E-04	1.09E-11	2.90E-04	7.68E-07	5.40E-07	8.49E-06	5.29E-06	3.16E-05	5.01E-07	1.14E-05	1.56E-03	1.44E-04	1.86E-03
1126	SR_165	Sensitive Receptor	Commercial	Offsite	378.876	6367.612	1.36E-02	2.85E-02	3.91E-01	2.13E-02	7.39E-06	3.38E-02	4.37E-03	1.36E-03	2.67E-11	7.08E-04	1.88E-06	1.32E-06	2.07E-05	1.29E-05	7.73E-05	1.22E-06	2.79E-05	3.81E-03	3.53E-04	4.54E-03
1127	SR_166	Sensitive Receptor	Commercial	Offsite	378.920	6367.705	1.47E-02	3.08E-02	4.21E-01	2.29E-02	7.97E-06	3.65E-02	4.71E-03	1.47E-03	2.87E-11	7.63E-04	2.03E-06	1.43E-06	2.24E-05	1.39E-05	8.34E-05	1.32E-06	3.01E-05	4.11E-03	3.80E-04	4.90E-03
1128	SR_167	Sensitive Receptor	Commercial	Offsite	378.964	6367.793	1.55E-02	3.26E-02	4.46E-01	2.47E-02	8.43E-06	3.90E-02	4.98E-03	1.56E-03	3.04E-11	8.08E-04	2.14E-06	1.51E-06	2.37E-05	1.47E-05	8.82E-05	1.40E-06	3.19E-05	4.35E-03	4.03E-04	5.18E-03
1129	SR_168	Sensitive Receptor	Commercial	Offsite	379.099	6367.879	1.94E-02	4.08E-02	5.58E-01	3.23E-02	1.06E-05	5.09E-02	6.24E-03	1.95E-03	3.81E-11	1.01E-03	2.69E-06	1.89E-06	2.96E-05	1.85E-05	1.11E-04	1.75E-06	3.99E-05	5.45E-03	5.04E-04	6.49E-03
1130	SR_169	Sensitive Receptor	Commercial	Offsite	379.002	6367.908	1.49E-02	3.14E-02	4.29E-01	2.46E-02	8.11E-06	3.80E-02	4.80E-03	1.50E-03	2.93E-11	7.78E-04	2.06E-06	1.45E-06	2.28E-05	1.42E-05	8.49E-05	1.34E-06	3.07E-05	4.19E-03	3.87E-04	4.99E-03
1131	SR_170	Sensitive Receptor	Commercial	Offsite	379.117	6368.012	1.62E-02	3.40E-02	4.66E-01	2.75E-02	8.81E-06	4.19E-02	5.21E-03	1.62E-03	3.18E-11	8.44E-04	2.24E-06	1.58E-06	2.47E-05	1.54E-05	9.22E-05	1.46E-06	3.33E-05	4.54E-03	4.20E-04	5.41E-03
1132	SR_171	Sensitive Receptor	Commercial	Offsite	378.717	6367.632	1.01E-02	2.13E-02	2.92E-01	1.62E-02	5.51E-06	2.51E-02	3.26E-03	1.02E-03	1.99E-11	5.29E-04	1.40E-06	9.87E-07	1.55E-05	9.64E-06	5.77E-05	9.14E-07	2.08E-05	2.85E-03	2.63E-04	3.39E-03
1133	SR_172	Sensitive Receptor	Commercial	Offsite	378.746	6367.705	1.06E-02	2.22E-02	3.04E-01	1.68E-02	5.74E-06	2.61E-02	3.39E-03	1.06E-03	2.07E-11	5.50E-04	1.46E-06	1.03E-06	1.61E-05	1.00E-05	6.01E-05	9.51E-07	2.17E-05	2.96E-03	2.74E-04	3.53E-03
1134	SR_173	Sensitive Receptor	Commercial	Offsite	378.578	6367.698	8.17E-03	1.72E-02	2.35E-01	1.32E-02	4.44E-06	2.00E-02	2.62E-03	8.19E-04	1.60E-11	4.25E-04	1.13E-06	7.94E-07	1.25E-05	7.76E-06	4.65E-05	7.36E-07	1.68E-05	2.29E-03	2.12E-04	2.73E-03
1135	SR_174	Sensitive Receptor	Commercial	Offsite	379.073	6368.261	1.20E-02	2.53E-02	3.47E-01	2.05E-02	6.54E-06	2.88E-02	3.87E-03	1.21E-03	2.36E-11	6.27E-04	1.66E-06	1.17E-06	1.84E-05	1.14E-05	6.84E-05	1.08E-06	2.47E-05	3.37E-03	3.12E-04	4.02E-03
1136	SR_175	Sensitive Receptor	Commercial	Offsite	379.024	6368.166	1.13E-02	2.38E-02	3.26E-01	1.94E-02	6.16E-06	2.79E-02	3.64E-03	1.14E-03	2.22E-11	5.90E-04	1.57E-06	1.10E-06	1.73E-05	1.08E-05	6.44E-05	1.02E-06	2.33E-05	3.18E-03	2.94E-04	3.79E-03
1137	SR_176	Sensitive Receptor	Commercial	Offsite	378.984	6368.287	9.67E-03	2.03E-02	2.79E-01	1.66E-02	5.25E-06	2.29E-02	3.11E-03	9.69E-04	1.90E-11	5.04E-04	1.34E-06	9.40E-07	1.47E-05	9.18E-06	5.50E-05	8.70E-07	1.98E-05	2.71E-03	2.51E-04	3.23E-03
1138	SR_177	Sensitive Receptor	Commercial	Offsite	378.925	6368.188	9.19E-03	1.93E-02	2.65E-01	1.58E-02	4.99E-06	2.24E-02	2.95E-03	9.21E-04	1.80E-11	4.79E-04	1.27E-06	8.93E-07	1.40E-05	8.73E-06	5.23E-05	8.28E-07	1.89E-05	2.58E-03	2.38E-04	3.07E-03
1139	SR_178	Sensitive Receptor	Commercial	Offsite	378.887	6368.292	8.02E-03	1.68E-02	2.31E-01	1.39E-02	4.36E-06	1.90E-02	2.58E-03	8.04E-04	1.57E-11	4.18E-04	1.11E-06	7.79E-07	1.22E-05	7.62E-06	4.56E-05	7.22E-07	1.65E-05	2.25E-03	2.08E-04	2.68E-03
1140	SR_179	Sensitive Receptor	Commercial	Offsite	378.775	6368.195	7.65E-03	1.61E-02	2.20E-01	1.32E-02	4.15E-06	1.85E-02	2.46E-03	7.67E-04	1.50E-11	3.98E-04	1.06E-06	7.42E-07	1.17E-05	7.26E-06	4.35E-05	6.89E-07	1.57E-05	2.14E-03	1.98E-04	2.56E-03
1141	SR_180	Sensitive Receptor	Commercial	Offsite	378.772	6368.296	6.94E-03	1.46E-02	2.00E-01	1.22E-02	3.77E-06	1.65E-02	2.23E-03	6.96E-04	1.36E-11	3.62E-04	9.59E-07	6.74E-07	1.06E-05	6.59E-06	3.95E-05	6.25E-07	1.43E-05	1.95E-03	1.80E-04	2.32E-03
1142	SR_181	Sensitive Receptor	Commercial	Offsite	378.772	6368.252	7.22E-03	1.52E-02	2.08E-01	1.26E-02	3.92E-06	1.73E-02	2.32E-03	7.23E-04	1.42E-11	3.76E-04	9.96E-07	7.00E-07	1.10E-05	6.85E-06	4.10E-05	6.50E-07	1.48E-05	2.02E-03	1.87E-04	2.41E-03
1143	SR_182	Sensitive Receptor	Commercial	Offsite	378.675	6368.349	6.08E-03	1.28E-02	1.76E-01	1.08E-02	3.30E-06	1.43E-02	1.95E-03	6.10E-04	1.19E-11	3.17E-04	8.39E-07	5.89E-07	9.28E-06	5.78E-06	3.46E-05	5.48E-07	1.25E-05	1.71E-03	1.58E-04	2.03E-03
1144	SR_183	Sensitive Receptor	Commercial	Offsite	378.609	6368.340	5.81E-03	1.22E-02	1.68E-01	1.03E-02	3.15E-06	1.37E-02	1.87E-03	5.82E-04	1.14E-11	3.03E-04	8.02E-07	5.63E-07	8.86E-06	5.52E-06	3.30E-05	5.23E-07	1.19E-05	1.63E-03	1.51E-04	1.94E-03
1145	SR_184	Sensitive Receptor	Commercial	Offsite	378.629	6368.223	6.58E-03	1.38E-02	1.90E-01	1.14E-02	3.58E-06	1.57E-02	2.12E-03	6.60E-04	1.29E-11	3.43E-04	9.09E-07	6.38E-07	1.00E-05	6.25E-06	3.74E-05	5.93E-07	1.35E-05	1.85E-03	1.71E-04	2.20E-03
1146	SR_185	Sensitive Receptor	Commercial	Offsite	378.536	6368.239	6.03E-03	1.27E-02	1.74E-01	1.05E-02	3.27E-06	1.42E-02	1.94E-03	6.04E-04	1.18E-11	3.14E-04	8.32E-07	5.84E-07	9.19E-06	5.72E-06	3.43E-05	5.43E-07	1.24E-05	1.69E-03	1.56E-04	2.01E-03
1147	SR_186	Sensitive Receptor	Commercial	Offsite	378.307	6368.270	4.91E-03	1.03E-02	1.42E-01	8.47E-03	2.67E-06	1.12E-02	1.58E-03	4.92E-04	9.63E-12	2.56E-04	6.77E-07	4.75E-07	7.49E-06	4.66E-06	2.79E-05	4.42E-07	1.01E-05	1.38E-03	1.27E-04	1.64E-03
1148	SR_187	Sensitive Receptor	Commercial	Offsite	378.355	6368.316	4.92E-03	1.03E-02	1.42E-01	8.61E-03	2.67E-06	1.13E-02	1.58E-03	4.94E-04	9.66E-12	2.56E-04	6.79E-07	4.77E-07	7.51E-06	4.68E-06	2.80E-05	4.43E-07	1.01E-05	1.38E-03	1.28E-04	1.65E-03
1149	SR_188	Sensitive Receptor	Commercial	Offsite	378.424	6368.373	4.95E-03	1.04E-02	1.43E-01	8.81E-03	2.69E-06	1.14E-02	1.59E-03	4.97E-04	9.72E-12	2.58E-04	6.83E-07	4.79E-07	7.56E-06	4.70E-06	2.82E-05	4.46E-07	1.02E-05	1.39E-03	1.29E-04	1.66E-03
1150	SR_189	Sensitive Receptor	Commercial	Offsite	378.503	6368.409	5.08E-03	1.07E-02	1.47E-01	9.11E-03	2.76E-06	1.18E-02	1.63E-03	5.09E-04	9.97E-12	2.65E-04	7.01E-07	4.92E-07	7.75E-06	4.82E-06	2.89E-05	4.57E-07	1.04E-05	1.42E-03	1.32E-04	1.70E-03
1151	SR_190	Sensitive Receptor	Commercial	Offsite	378.455	6368.515	4.52E-03	9.49E-03	1.31E-01	8.19E-03	2.45E-06	1.02E-02	1.45E-03	4.53E-04	8.86E-12	2.35E-04	6.23E-07	4.37E-07	6.89E-06	4.29E-06	2.57E-05	4.06E-07	9.27E-06	1.27E-03	1.17E-04	1.51E-03
1152	SR_191	Sensitive Receptor	Commercial	Offsite	378.411	6368.488	4.48E-03	9.41E-03	1.30E-01	8.11E-03	2.43E-06	1.02E-02	1.44E-03	4.49E-04	8.78E-12	2.33E-04	6.18E-07	4.33E-07	6.83E-06	4.25E-06	2.55E-05	4.03E-07	9.20E-06	1.26E-03	1.16E-04	1.50E-03
1153	SR_192	Sensitive Receptor	Commercial	Offsite	378.336	6368.437	4.47E-03	9.39E-03	1.29E-01	8.03E-03	2.43E-06	1.02E-02	1.44E-03	4.48E-04	8.77E-12	2.33E-04	6.16E-07	4.32E-07	6.82E-06	4.24E-06	2.54E-05	4.02E-07	9.18E-06	1.25E-03	1.16E-04	1.49E-03
1154	SR_193	Sensitive Receptor	Commercial	Offsite	378.219	6368.373	4.37E-03	9.19E-03	1.27E-01	7.71E-03	2.38E-06	9.84E-03	1.41E-03	4.39E-04	8.58E-12	2.28E-04	6.03E-07	4.23E-07	6.67E-06	4.15E-06	2.49E-05	3.94E-07	8.98E-06	1.23E-03	1.14E-04	1.46E-03
1155	SR_194	Sensitive Receptor	Commercial	Offsite	378.203	6368.530	3.86E-03	8.11E-03	1.12E-01	7.01E-03	2.10E-06	8.59E-03	1.24E-03	3.87E-04	7.57E-12	2.01E-04	5.32E-07	3.73E-07	5.89E-06	3.67E-06	2.20E-05	3.48E-07	7.93E-06	1.08E-03	1.00E-04	1.29E-03
1156	SR_195	Sensitive Receptor	Commercial	Offsite	378.276	6368.579	3.86E-03	8.11E-03	1.12E-01	7.06E-03	2.10E-06	8.58E-03	1.24E-03	3.87E-04	7.57E-12	2.01E-04	5.32E-07	3.73E-07	5.89E-06	3.66E-06	2.20E-05	3.47E-07	7.93E-06	1.08E-03	1.00E-04	1.29E-03
1157	SR_196	Sensitive Receptor	Commercial	Offsite	376.753	6367.464	2.15E-03	4.52E-03	6.25E-02	3.62E-03	1.17E-06	4.27E-03	6.90E-04	2.15E-04	4.22E-12	1.12E-04	2.97E-07	2.09E-07	3.28E-06	2.04E-06	1.22E-05	1.94E-07	4.41E-06	6.03E-04	5.58E-05	7.18E-04
1158	SR_197	Sensitive Receptor	Commercial	Offsite	376.674	6367.477	2.08E-03	4.37E-03	6.04E-02	3.52E-03	1.13E-06	4.11E-03	6.68E-04	2.08E-04	4.08E-12	1.08E-04	2.87E-07	2.02E-07	3.17E-06	1.97E-06	1.18E-05	1.87E-07	4.27E-06	5.83E-04	5.39E-05	6.95E-04
1159	SR_198	Sensitive Receptor	Commercial	Offsite	376.639	6367.566	2.00E-03	4.21E-03	5.83E-02	3.39E-03	1.09E-06	3.93E-03	6.44E-04	2.01E-04	3.93E-12	1.04E-04	2.77E-07	1.95E-07	3.06E-06	1.90E-06	1.14E-05	1.81E-07	4.12E-06	5.62E-04	5.20E-05	6.70E-04
1160	SR_199	Sensitive Receptor	Commercial	Offsite	376.608	6367.650	1.94E-03	4.09E-03	5.66E-02	3.30E-03	1.06E-06	3.79E-03	6.24E-04	1.95E-04	3.81E-12	1.01E-04	2.68E-07	1.89E-07	2.96E-06	1.85E-06	1.11E-05	1.75E-07	3.99E-06	5.45E-04	5.04E-05	6.49E-04
1161	SR_200	Sensitive Receptor	Commercial	Offsite	376.614	6367.754	1.93E-03	4.06E-03	5.62E-02	3.29E-03	1.05E-06	3.76E-03	6.20E-04	1.93E-04	3.79E-12	1.01E-04	2.66E-07	1.87E-07	2.94E-06	1.83E-06	1.10E-05	1.74E-07	3.96E-06	5.41E-04	5.01E-05	6.45E-04
1162	SR_201	Sensitive Receptor	Commercial	Offsite	376.877	6367.338	2.28E-03	4.79E-03	6.61E-02	3.80E-03	1.24E-06	4.57E-03	7.32E-04	2.28E-04	4.47E-12	1.19E-04	3.15E-07	2.22E-07	3.47E-06	2.16E-06	1.30E-05	2.05E-07	4.68E-06	6.39E-04	5.91E-05	7.61E-04
1163	SR_202	Sensitive Receptor	Commercial	Offsite	376.985	6367.308	2.39E-03	5.02E-03	6.93E-02	3.96E-03	1.30E-06	4.83E-03	7.68E-04	2.39E-04	4.69E-12	1.24E-04	3.30E-07	2.33E-07	3.64E-06	2.27E-06	1.36E-05	2.15E-07	4.90E-06	6.70E-04	6.20E-05	7.98E-04
1164	SR_203	Sensitive Receptor	Commercial	Offsite	376.866	6367.131	2.23E-03	4.68E-03	6.47E-02	3.76E-03	1.21E-06	4.51E-03	7.16E-04	2.23E-04	4.37E-12	1.16E-04	3.08E-07	2.17E-07	3.40E-06	2.12E-06	1.27E-05	2.01E-07	4.57E-06	6.25E-04	5.78E-05	7.45E-04
1165	SR_204	Sensitive Receptor	Commercial	Offsite	376.963	6367.160	2.34E-03	4.92E-03	6.79E-02	3.93E-03	1.27E-06	4.77E-03	7.52E-04	2.35E-04	4.59E-12	1.22E-04	3.24E-07	2.28E-07	3.57E-06	2.22E-06	1.33E-05	2.11E-07	4.80E-06	6.56E-04	6.07E-05	7.82E-04
1166	SR_205	Sensitive Receptor	Commercial	Offsite	376.965	6367.091	2.31E-03	4.87E-03	6.73E-02	3.90E-03	1.26E-06	4.73E-03	7.44E-04	2.32E-04	4.54E-12	1.21E-04	3.20E-07	2.26E-07	3.53E-06	2.20E-06	1.32E-05	2.09E-07	4.75E-06	6.49E-04	6.01E-05	7.74E-04
1167	SR_206	Sensitive Receptor	Commercial	Offsite	377.078	6367.131	2.48E-03	5.21E-03	7.19E-02	4.16E-03	1.35E-06	5.12E-03	7.96E-04	2.48E-04	4.86E-12	1.29E-04	3.43E-07	2.42E-07	3.78E-06	2.36E-06	1.41E-05	2.23E-07	5.09E-06	6.95E-04	6.43E-05	8.28E-04
1168	SR_207	Sensitive Receptor	Commercial	Offsite	377.128	6367.228	2.54E-03	5.34E-03	7.38E-02	4.20E-03	1.38E-06	5.21E-03	8.17E-04	2.55E-04	4.99E-12	1.32E-04	3.52E-07	2.48E-07	3.88E-06	2.42E-06	1.45E-05	2.29E-07	5.22E-06	7.13E-04	6.60E-05	8.50E-04
1169	SR_208	Sensitive Receptor	Commercial	Offsite	377.223	6367.138	2.65E-03	5.58E-03	7.69E-02	4.40E-03	1.44E-06	5.50E-03	8.52E-04	2.66E-04	5.20E-12	1.38E-04	3.67E-07	2.59E-07	4.05E-06	2.52E-06	1.51E-05	2.39E-07	5.45E-06	7.44E-04	6.88E-05	8.87E-04
1170	SR_209	Sensitive Receptor	Commercial	Offsite	377.318	6367.118	2.77E-03	5.83E-03	8.04E-02	4.57E-03	1.51E-06	5.77E-03	8.91E-04	2.78E-04	5.44E-12	1.44E-04	3.84E-07	2.71E-07	4.23E-06	2.64E-06	1.58E-05	2.50E-07	5.69E-06	7.78E-04	7.20E-05	9.27E-04
1171	SR_210	Sensitive Receptor	Commercial	Offsite	377.358	6367.001	2.79E-03	5.87E-03	8.09E-02	4.58E-03	1.52E-06	5.71E-03	8.97E-04	2.80E-04	5.48E-12	1.45E-04	3.87E-07	2.74E-07	4.26E-06	2.65E-06	1.59E-05	2.52E-07	5.73E-06	7.83E-04	7.24E-05	9.33E-04
1172	SR_211	Sensitive Receptor	Commercial	Offsite	377.376	6366.884	2.86E-03	6.03E-03	8.32E-02	4.68E-03	1.56E-06	5.69E-03	9.21E-04	2.87E-04	5.62E-12	1.49E-04	3.98E-07	2.82E-07	4.38E-06	2.73E-06	1.63E-05	2.58E-07	5.88E-06	8.04E-04	7.44E-05	9.58E-04
1173	SR_212	Sensitive Receptor	Commercial	Offsite	377.407	6366.782	3.06E-03	6.45E-03	8.89E-02	4.94E-03	1.67E-06	5.88E-03	9.85E-04	3.07E-04	6.02E-12	1.60E-04	4.26E-07	3.04E-07	4.68E-06	2.92E-06	1.74E-05	2.76E-07	6.29E-06	8.60E-04	7.96E-05	1.02E-03
1174	SR_213	Sensitive Receptor	Commercial	Offsite	377.287	6366.835	2.72E-03	5.72E-03	7.90E-02	4.46E-03	1.48E-06	5.33E-03	8.75E-04	2.73E-04	5.34E-12	1.42E-04	3.78E-07	2.68E-07	4.15E-06	2.59E-06	1.55E-05	2.45E-07	5.59E-06	7.63E-04	7.06E-05	9.10E-04
1175	SR_214	Sensitive Receptor	Commercial	Offsite	377.256	6366.904	2.64E-03	5.55E-03	7.66E-02	4.36E-03	1.44E-06	5.28E-03	8.48E-04	2.65E-04	5.18E-12	1.38E-04	3.66E-07	2.59E-07	4.03E-06	2.51E-06	1.50E-05	2.38E-07	5.42E-06	7.40E-04	6.85E-05	8.82E-04
1176	SR_215	Sensitive Receptor	Commercial	Offsite	377.234	6366.996	2.61E-03	5.48E-03	7.56E-02	4.33E-03	1.42E-06	5.33E-03	8.38E-04	2.61E-04	5.11E-12	1.36E-04	3.61E-07	2.55E-07	3.98E-06	2.48E-06	1.48E-05	2.35E-07	5.35E-06	7.31E-04	6.77E-05	8.71E-04
1177	SR_216	Sensitive Receptor	Commercial	Offsite	377.144	6366.981	2.48E-03	5.21E-03	7.20E-02	4.15E-03	1.35E-06	5.05E-03	7.97E-04	2.49E-04	4.87E-12	1.29E-04	3.44E-07	2.43E-07	3.78E-06	2.36E-06	1.41E-05	2.23E-07	5.09E-06	6.96E-04	6.44E-05	8.29E-04
1178	SR_217	Sensitive Receptor	Commercial	Offsite	377.067	6366.981	2.38E-03	5.01E-03	6.92E-02	4.00E-03	1.30E-06	4.84E-03	7.66E-04	2.39E-04	4.67E-12	1.24E-04	3.30E-07	2.33E-07	3.64E-06	2.27E-06	1.36E-05	2.15E-07	4.89E-06	6.68E-04	6.18E-05	7.96E-04
1179	SR_218	Sensitive Receptor	Commercial	Offsite	377.069	6366.882	2.36E-03	4.97E-03	6.86E-02	3.95E-03	1.29E-06	4.69E-03	7.59E-04	2.37E-04	4.64E-12	1.23E-04	3.28E-07	2.32E-07	3.61E-06	2.25E-06	1.34E-05	2.13E-07	4.85E-06	6.63E-04	6.13E-05	7.90E-04
1180	SR_219	Sensitive Receptor	Commercial	Offsite	377.137	6366.767	2.49E-03	5.25E-03	7.25E-02	4.10E-03	1.36E-06	4.78E-03	8.02E-04	2.50E-04	4.90E-12	1.30E-04	3.47E-07	2.46E-07	3.81E-06	2.38E-06	1.42E-05	2.25E-07	5.12E-06	7.00E-04	6.47E-05	8.34E-04
1181	SR_220	Sensitive Receptor	Commercial	Offsite	377.042	6366.734	2.37E-03	4.99E-03	6.90E-02	3.92E-03	1.29E-06	4.50E-03	7.63E-04	2.38E-04	4.66E-12	1.24E-04	3.30E-07	2.34E-07	3.62E-06	2.26E-06	1.35E-05	2.14E-07	4.87E-06	6.66E-04	6.16E-05	7.93E-04
1182	SR_221	Sensitive Receptor	Commercial	Offsite	376.987	6366.895	2.25E-03	4.74E-03	6.55E-02	3.78E-03	1.23E-06	4.46E-03	7.25E-04	2.26E-04	4.42E-12	1.17E-04	3.13E-07	2.21E-07	3.44E-06	2.14E-06	1.28E-05	2.03E-07	4.63E-06	6.32E-04	5.85E-05	7.54E-04
1183	SR_222	Sensitive Receptor	Commercial	Offsite	376.945	6367.001	2.24E-03	4.71E-03	6.51E-02	3.77E-03	1.22E-06	4.51E-03	7.20E-04	2.25E-04	4.40E-12	1.17E-04	3.10E-07	2.19E-07	3.42E-06	2.13E-06	1.27E-05	2.02E-07	4.60E-06	6.28E-04	5.81E-05	7.49E-04
1184	SR_223	Sensitive Receptor	Commercial	Offsite	377.095	6366.597	2.63E-03	5.53E-03	7.65E-02	4.26E-03	1.43E-06	4.78E-03	8.46E-04	2.64E-04	5.16E-12	1.37E-04	3.66E-07	2.61E-07	4.02E-06	2.51E-06	1.50E-05	2.37E-07	5.40E-06	7.38E-04	6.83E-05	8.80E-04
1185	SR_224	Sensitive Receptor	Commercial	Offsite	377.243	6366.628	2.89E-03	6.08E-03	8.39E-02	4.63E-03	1.58E-06	5.27E-03	9.29E-04	2.90E-04	5.67E-12	1.51E-04	4.03E-07	2.87E-07	4.41E-06	2.75E-06	1.64E-05	2.61E-07	5.93E-06	8.11E-04	7.50E-05	9.66E-04
1186	SR_225	Sensitive Receptor	Commercial	Offsite	377.131	6366.425	2.94E-03	6.19E-03	8.55E-02	4.67E-03	1.61E-06	5.06E-03	9.46E-04	2.95E-04	5.77E-12	1.53E-04	4.11E-07	2.94E-07	4.49E-06	2.81E-06	1.67E-05	2.66E-07	6.04E-06	8.26E-04	7.64E-05	9.84E-04
1187	SR_226	Sensitive Receptor	Commercial	Offsite	377.248	6366.469	3.17E-03	6.68E-03	9.23E-02	5.03E-03	1.73E-06	5.53E-03	1.02E-03	3.19E-04	6.23E-12	1.66E-04	4.43E-07	3.17E-07	4.85E-06	3.03E-06	1.81E-05	2.87E-07	6.52E-06	8.91E-04	8.24E-05	1.06E-03
1188	SR_227	Sensitive Receptor	Commercial	Offsite	377.219	6366.182	3.20E-03	6.75E-03	9.33E-02	4.98E-03	1.75E-06	5.18E-03	1.03E-03	3.22E-04	6.30E-12	1.67E-04	4.49E-07	3.22E-07	4.90E-06	3.06E-06	1.83E-05	2.90E-07	6.59E-06	9.01E-04	8.33E-05	1.07E-03
1189	SR_228	Sensitive Receptor	Commercial	Offsite	377.285	6366.206	3.32E-03	7.00E-03	9.67E-02	5.15E-03	1.82E-06	5.41E-03	1.07E-03	3.34E-04	6.53E-12	1.74E-04	4.65E-07	3.34E-07	5.08E-06	3.18E-06	1.89E-05	3.00E-07	6.83E-06	9.34E-04	8.64E-05	1.11E-03
1190	SR_229	Sensitive Receptor	Commercial	Offsite	377.179	6366.281	3.13E-03	6.59E-03	9.10E-02	4.90E-03	1.71E-06	5.15E-03	1.01E-03	3.14E-04	6.15E-12	1.63E-04	4.38E-07	3.14E-07	4.78E-06	2.99E-06	1.78E-05	2.83E-07	6.43E-06	8.79E-04	8.13E-05	1.05E-03
1191	SR_230	Sensitive Receptor	Commercial	Offsite	377.281	6366.326	3.30E-03	6.96E-03	9.61E-02	5.15E-03	1.81E-06	5.49E-03	1.06E-03	3.32E-04	6.49E-12	1.73E-04	4.62E-07	3.32E-07	5.05E-06	3.16E-06	1.88E-05	2.99E-07	6.79E-06	9.29E-04	8.59E-05	1.11E-03
1192	SR_231	Sensitive Receptor	Commercial	Offsite	377.760	6364.849	1.28E-03	2.69E-03	3.76E-02	2.05E-03	6.99E-07	1.92E-03	4.11E-04	1.28E-04	2.51E-12	6.68E-05	1.79E-07	1.29E-07	1.95E-06	1.22E-06	7.28E-06	1.16E-07	2.62E-06	3.59E-04	3.32E-05	4.28E-04
1193	SR_232	Sensitive Receptor	Commercial	Offsite	377.693	6364.940	1.40E-03	2.95E-03	4.11E-02	2.24E-03	7.66E-07	2.13E-03	4.51E-04	1.41E-04	2.75E-12	7.31E-05	1.96E-07	1.42E-07	2.14E-06	1.34E-06	7.98E-06	1.27E-07	2.88E-06	3.93E-04	3.64E-05	4.69E-04
1194	SR_233	Sensitive Receptor	Commercial	Offsite	378.963	6368.005	1.21E-02	2.54E-02	3.48E-01	2.03E-02	6.58E-06	3.05E-02	3.89E-03	1.21E-03	2.38E-11	6.31E-04	1.67E-06	1.18E-06	1.85E-05	1.15E-05	6.89E-05	1.09E-06	2.49E-05	3.40E-03	3.14E-04	4.05E-03
1195	SR_234	Sensitive Receptor	Commercial	Offsite	378.908	6368.061	1.03E-02	2.16E-02	2.96E-01	1.74E-02	5.59E-06	2.55E-02	3.31E-03	1.03E-03	2.02E-11	5.36E-04	1.42E-06	1.00E-06	1.57E-05	9.78E-06	5.85E-05	9.27E-07	2.11E-05	2.89E-03	2.67E-04	3.44E-03

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 1 COMMERCIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.24E-01**	**2.60E-01**	**3.55E+00**	**1.99E-01**	**6.74E-05**	**3.58E-01**	**3.98E-02**	**1.24E-02**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**3.47E-02**	**3.21E-03**	**4.14E-02**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1196	SR_235	Sensitive Receptor	Commercial	Offsite	378.876	6368.011	1.05E-02	2.21E-02	3.03E-01	1.76E-02	5.72E-06	2.60E-02	3.38E-03	1.06E-03	2.06E-11	5.48E-04	1.45E-06	1.02E-06	1.61E-05	1.00E-05	5.99E-05	9.48E-07	2.16E-05	2.95E-03	2.73E-04	3.52E-03
1197	SR_236	Sensitive Receptor	Commercial	Offsite	378.827	6368.073	9.24E-03	1.94E-02	2.66E-01	1.56E-02	5.02E-06	2.27E-02	2.97E-03	9.26E-04	1.81E-11	4.81E-04	1.28E-06	8.97E-07	1.41E-05	8.77E-06	5.25E-05	8.32E-07	1.90E-05	2.59E-03	2.40E-04	3.09E-03
1198	SR_237	Sensitive Receptor	Commercial	Offsite	378.885	6367.927	1.16E-02	2.44E-02	3.35E-01	1.90E-02	6.32E-06	2.87E-02	3.74E-03	1.17E-03	2.28E-11	6.06E-04	1.61E-06	1.13E-06	1.77E-05	1.11E-05	6.62E-05	1.05E-06	2.39E-05	3.26E-03	3.02E-04	3.89E-03
1199	SR_238	Sensitive Receptor	Commercial	Offsite	378.806	6367.885	1.06E-02	2.23E-02	3.05E-01	1.71E-02	5.77E-06	2.59E-02	3.41E-03	1.06E-03	2.08E-11	5.53E-04	1.47E-06	1.03E-06	1.62E-05	1.01E-05	6.04E-05	9.56E-07	2.18E-05	2.98E-03	2.75E-04	3.55E-03
1200	SR_239	Sensitive Receptor	Commercial	Offsite	378.751	6367.935	9.40E-03	1.97E-02	2.70E-01	1.53E-02	5.11E-06	2.27E-02	3.02E-03	9.42E-04	1.84E-11	4.90E-04	1.30E-06	9.13E-07	1.43E-05	8.93E-06	5.35E-05	8.46E-07	1.93E-05	2.64E-03	2.44E-04	3.14E-03
1201	SR_240	Sensitive Receptor	Commercial	Offsite	378.717	6367.969	8.81E-03	1.85E-02	2.54E-01	1.44E-02	4.79E-06	2.12E-02	2.83E-03	8.84E-04	1.73E-11	4.59E-04	1.22E-06	8.56E-07	1.34E-05	8.37E-06	5.01E-05	7.93E-07	1.81E-05	2.47E-03	2.29E-04	2.94E-03
1202	SR_241	Sensitive Receptor	Commercial	Offsite	378.680	6368.002	8.30E-03	1.74E-02	2.39E-01	1.37E-02	4.51E-06	1.99E-02	2.67E-03	8.32E-04	1.63E-11	4.32E-04	1.15E-06	8.05E-07	1.27E-05	7.88E-06	4.72E-05	7.47E-07	1.70E-05	2.33E-03	2.15E-04	2.77E-03
1203	SR_242	Sensitive Receptor	Commercial	Offsite	378.651	6368.026	7.92E-03	1.66E-02	2.28E-01	1.32E-02	4.30E-06	1.90E-02	2.55E-03	7.94E-04	1.55E-11	4.13E-04	1.09E-06	7.69E-07	1.21E-05	7.53E-06	4.51E-05	7.13E-07	1.63E-05	2.22E-03	2.06E-04	2.65E-03
1204	SR_243	Sensitive Receptor	Commercial	Offsite	378.609	6368.052	7.42E-03	1.56E-02	2.14E-01	1.24E-02	4.03E-06	1.77E-02	2.39E-03	7.44E-04	1.46E-11	3.87E-04	1.03E-06	7.20E-07	1.13E-05	7.05E-06	4.22E-05	6.68E-07	1.52E-05	2.08E-03	1.93E-04	2.48E-03
1205	SR_244	Sensitive Receptor	Commercial	Offsite	378.562	6368.079	6.90E-03	1.45E-02	1.99E-01	1.15E-02	3.75E-06	1.63E-02	2.22E-03	6.91E-04	1.35E-11	3.59E-04	9.52E-07	6.69E-07	1.05E-05	6.55E-06	3.92E-05	6.21E-07	1.42E-05	1.93E-03	1.79E-04	2.30E-03
1206	SR_245	Sensitive Receptor	Commercial	Offsite	378.522	6368.107	6.48E-03	1.36E-02	1.87E-01	1.09E-02	3.52E-06	1.52E-02	2.08E-03	6.50E-04	1.27E-11	3.38E-04	8.95E-07	6.29E-07	9.89E-06	6.16E-06	3.69E-05	5.84E-07	1.33E-05	1.82E-03	1.68E-04	2.17E-03
1207	SR_246	Sensitive Receptor	Commercial	Offsite	378.485	6368.131	6.18E-03	1.30E-02	1.78E-01	1.04E-02	3.36E-06	1.44E-02	1.99E-03	6.20E-04	1.21E-11	3.22E-04	8.53E-07	5.99E-07	9.43E-06	5.87E-06	3.52E-05	5.57E-07	1.27E-05	1.73E-03	1.60E-04	2.07E-03
1208	SR_247	Sensitive Receptor	Commercial	Offsite	378.426	6368.163	5.78E-03	1.21E-02	1.67E-01	9.80E-03	3.14E-06	1.34E-02	1.86E-03	5.79E-04	1.13E-11	3.01E-04	7.97E-07	5.60E-07	8.81E-06	5.49E-06	3.29E-05	5.20E-07	1.19E-05	1.62E-03	1.50E-04	1.93E-03
1209	SR_248	Sensitive Receptor	Commercial	Offsite	378.706	6367.825	9.32E-03	1.96E-02	2.68E-01	1.48E-02	5.06E-06	2.25E-02	2.99E-03	9.34E-04	1.83E-11	4.85E-04	1.29E-06	9.06E-07	1.42E-05	8.85E-06	5.30E-05	8.39E-07	1.91E-05	2.61E-03	2.42E-04	3.11E-03
1210	SR_249	Sensitive Receptor	Commercial	Offsite	378.648	6367.866	8.43E-03	1.77E-02	2.43E-01	1.35E-02	4.58E-06	2.02E-02	2.71E-03	8.45E-04	1.65E-11	4.39E-04	1.16E-06	8.19E-07	1.29E-05	8.00E-06	4.79E-05	7.59E-07	1.73E-05	2.36E-03	2.19E-04	2.82E-03
1211	SR_250	Sensitive Receptor	Commercial	Offsite	378.609	6367.896	7.96E-03	1.67E-02	2.29E-01	1.28E-02	4.32E-06	1.90E-02	2.56E-03	7.98E-04	1.56E-11	4.14E-04	1.10E-06	7.72E-07	1.21E-05	7.56E-06	4.52E-05	7.16E-07	1.63E-05	2.23E-03	2.06E-04	2.66E-03
1212	SR_251	Sensitive Receptor	Commercial	Offsite	378.585	6367.921	7.64E-03	1.60E-02	2.20E-01	1.24E-02	4.15E-06	1.82E-02	2.45E-03	7.66E-04	1.50E-11	3.98E-04	1.05E-06	7.41E-07	1.16E-05	7.25E-06	4.34E-05	6.88E-07	1.57E-05	2.14E-03	1.98E-04	2.55E-03
1213	SR_252	Sensitive Receptor	Commercial	Offsite	378.554	6367.945	7.31E-03	1.53E-02	2.10E-01	1.19E-02	3.97E-06	1.73E-02	2.35E-03	7.33E-04	1.43E-11	3.81E-04	1.01E-06	7.09E-07	1.11E-05	6.94E-06	4.16E-05	6.58E-07	1.50E-05	2.05E-03	1.90E-04	2.44E-03
1214	SR_253	Sensitive Receptor	Commercial	Offsite	378.502	6367.981	6.79E-03	1.43E-02	1.96E-01	1.11E-02	3.69E-06	1.60E-02	2.18E-03	6.81E-04	1.33E-11	3.54E-04	9.38E-07	6.59E-07	1.04E-05	6.45E-06	3.86E-05	6.12E-07	1.39E-05	1.90E-03	1.76E-04	2.27E-03
1215	SR_254	Sensitive Receptor	Commercial	Offsite	378.422	6367.937	6.31E-03	1.33E-02	1.82E-01	1.03E-02	3.43E-06	1.48E-02	2.03E-03	6.33E-04	1.24E-11	3.29E-04	8.71E-07	6.12E-07	9.62E-06	5.99E-06	3.59E-05	5.68E-07	1.30E-05	1.77E-03	1.64E-04	2.11E-03
1216	SR_255	Sensitive Receptor	Commercial	Offsite	378.460	6367.909	6.64E-03	1.39E-02	1.91E-01	1.08E-02	3.61E-06	1.57E-02	2.13E-03	6.66E-04	1.30E-11	3.46E-04	9.17E-07	6.44E-07	1.01E-05	6.31E-06	3.78E-05	5.98E-07	1.36E-05	1.86E-03	1.72E-04	2.22E-03
1217	SR_256	Sensitive Receptor	Commercial	Offsite	378.501	6367.879	6.99E-03	1.47E-02	2.01E-01	1.13E-02	3.80E-06	1.66E-02	2.25E-03	7.01E-04	1.37E-11	3.64E-04	9.66E-07	6.79E-07	1.07E-05	6.64E-06	3.98E-05	6.30E-07	1.44E-05	1.96E-03	1.81E-04	2.34E-03
1218	SR_257	Sensitive Receptor	Commercial	Offsite	378.536	6367.846	7.39E-03	1.55E-02	2.13E-01	1.19E-02	4.02E-06	1.77E-02	2.38E-03	7.41E-04	1.45E-11	3.85E-04	1.02E-06	7.18E-07	1.13E-05	7.02E-06	4.20E-05	6.66E-07	1.52E-05	2.07E-03	1.92E-04	2.47E-03
1219	SR_258	Sensitive Receptor	Commercial	Offsite	378.569	6367.806	7.82E-03	1.64E-02	2.25E-01	1.26E-02	4.25E-06	1.89E-02	2.51E-03	7.84E-04	1.53E-11	4.08E-04	1.08E-06	7.60E-07	1.19E-05	7.43E-06	4.45E-05	7.05E-07	1.61E-05	2.19E-03	2.03E-04	2.61E-03
1220	SR_259	Sensitive Receptor	Commercial	Offsite	378.637	6367.804	8.57E-03	1.80E-02	2.47E-01	1.37E-02	4.66E-06	2.07E-02	2.75E-03	8.59E-04	1.68E-11	4.46E-04	1.18E-06	8.33E-07	1.31E-05	8.14E-06	4.88E-05	7.72E-07	1.76E-05	2.40E-03	2.22E-04	2.86E-03
1221	SR_260	Sensitive Receptor	Commercial	Offsite	378.485	6367.804	7.04E-03	1.48E-02	2.03E-01	1.14E-02	3.83E-06	1.69E-02	2.26E-03	7.06E-04	1.38E-11	3.67E-04	9.73E-07	6.84E-07	1.07E-05	6.69E-06	4.01E-05	6.34E-07	1.45E-05	1.98E-03	1.83E-04	2.35E-03
1222	SR_261	Sensitive Receptor	Commercial	Offsite	378.452	6367.770	6.88E-03	1.44E-02	1.98E-01	1.12E-02	3.74E-06	1.66E-02	2.21E-03	6.89E-04	1.35E-11	3.58E-04	9.50E-07	6.67E-07	1.05E-05	6.53E-06	3.91E-05	6.19E-07	1.41E-05	1.93E-03	1.78E-04	2.30E-03
1223	SR_262	Sensitive Receptor	Commercial	Offsite	378.397	6367.821	6.35E-03	1.33E-02	1.83E-01	1.03E-02	3.45E-06	1.51E-02	2.04E-03	6.36E-04	1.24E-11	3.31E-04	8.76E-07	6.16E-07	9.68E-06	6.03E-06	3.61E-05	5.71E-07	1.30E-05	1.78E-03	1.65E-04	2.12E-03
1224	SR_263	Sensitive Receptor	Commercial	Offsite	378.331	6367.882	5.80E-03	1.22E-02	1.67E-01	9.44E-03	3.15E-06	1.36E-02	1.86E-03	5.81E-04	1.14E-11	3.02E-04	8.01E-07	5.63E-07	8.85E-06	5.51E-06	3.30E-05	5.22E-07	1.19E-05	1.63E-03	1.50E-04	1.94E-03
1225	SR_264	Sensitive Receptor	Commercial	Offsite	378.242	6368.021	5.16E-03	1.09E-02	1.49E-01	8.53E-03	2.81E-06	1.18E-02	1.66E-03	5.18E-04	1.01E-11	2.69E-04	7.13E-07	5.01E-07	7.88E-06	4.90E-06	2.94E-05	4.65E-07	1.06E-05	1.45E-03	1.34E-04	1.73E-03
1226	SR_265	Sensitive Receptor	Commercial	Offsite	378.195	6368.099	4.87E-03	1.02E-02	1.41E-01	8.14E-03	2.65E-06	1.10E-02	1.57E-03	4.89E-04	9.56E-12	2.54E-04	6.72E-07	4.72E-07	7.43E-06	4.63E-06	2.77E-05	4.39E-07	1.00E-05	1.37E-03	1.26E-04	1.63E-03
1227	SR_266	Sensitive Receptor	Commercial	Offsite	378.346	6368.095	5.53E-03	1.16E-02	1.59E-01	9.22E-03	3.00E-06	1.27E-02	1.78E-03	5.54E-04	1.08E-11	2.88E-04	7.63E-07	5.36E-07	8.43E-06	5.25E-06	3.14E-05	4.98E-07	1.13E-05	1.55E-03	1.43E-04	1.85E-03
1228	SR_267	Sensitive Receptor	Commercial	Offsite	377.340	6365.871	2.98E-03	6.28E-03	8.68E-02	4.60E-03	1.63E-06	4.70E-03	9.60E-04	2.99E-04	5.86E-12	1.56E-04	4.18E-07	3.01E-07	4.56E-06	2.85E-06	1.70E-05	2.70E-07	6.12E-06	8.37E-04	7.74E-05	9.98E-04
1229	SR_268	Sensitive Receptor	Commercial	Offsite	377.340	6365.806	2.88E-03	6.07E-03	8.39E-02	4.46E-03	1.58E-06	4.53E-03	9.27E-04	2.89E-04	5.66E-12	1.50E-04	4.04E-07	2.91E-07	4.40E-06	2.75E-06	1.64E-05	2.60E-07	5.91E-06	8.09E-04	7.48E-05	9.64E-04
1230	SR_269	Sensitive Receptor	Commercial	Offsite	379.950	6370.344	1.60E-03	3.36E-03	4.72E-02	2.62E-03	8.67E-07	2.62E-03	5.13E-04	1.60E-04	3.13E-12	8.32E-05	2.20E-07	1.54E-07	2.44E-06	1.52E-06	9.08E-06	1.44E-07	3.28E-06	4.48E-04	4.14E-05	5.34E-04
1231	SR_270	Sensitive Receptor	Commercial	Offsite	376.746	6366.522	2.25E-03	4.75E-03	6.57E-02	3.77E-03	1.23E-06	4.09E-03	7.25E-04	2.26E-04	4.43E-12	1.18E-04	3.14E-07	2.24E-07	3.44E-06	2.15E-06	1.28E-05	2.04E-07	4.63E-06	6.33E-04	5.86E-05	7.54E-04
1327	NG_23	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.607	5.89E-03	1.24E-02	1.70E-01	8.51E-03	3.19E-06	1.16E-02	1.89E-03	5.91E-04	1.16E-11	3.07E-04	8.09E-07	5.62E-07	8.98E-06	5.58E-06	3.35E-05	5.30E-07	1.21E-05	1.65E-03	1.53E-04	1.97E-03
1328	NG_24	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.607	6.44E-03	1.35E-02	1.86E-01	9.32E-03	3.49E-06	1.26E-02	2.07E-03	6.46E-04	1.26E-11	3.36E-04	8.84E-07	6.14E-07	9.83E-06	6.11E-06	3.67E-05	5.80E-07	1.32E-05	1.81E-03	1.67E-04	2.15E-03
1329	NG_25	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.607	7.03E-03	1.48E-02	2.03E-01	1.02E-02	3.81E-06	1.36E-02	2.26E-03	7.05E-04	1.38E-11	3.66E-04	9.64E-07	6.68E-07	1.07E-05	6.66E-06	4.00E-05	6.32E-07	1.45E-05	1.97E-03	1.83E-04	2.35E-03
1330	NG_26	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.607	7.65E-03	1.61E-02	2.20E-01	1.12E-02	4.14E-06	1.47E-02	2.46E-03	7.67E-04	1.50E-11	3.98E-04	1.05E-06	7.26E-07	1.17E-05	7.25E-06	4.35E-05	6.88E-07	1.57E-05	2.15E-03	1.99E-04	2.56E-03
1331	NG_27	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.607	8.25E-03	1.73E-02	2.38E-01	1.21E-02	4.47E-06	1.56E-02	2.65E-03	8.27E-04	1.62E-11	4.29E-04	1.13E-06	7.81E-07	1.26E-05	7.81E-06	4.69E-05	7.41E-07	1.70E-05	2.31E-03	2.14E-04	2.76E-03
1332	NG_28	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.607	8.87E-03	1.86E-02	2.55E-01	1.30E-02	4.80E-06	1.66E-02	2.85E-03	8.89E-04	1.74E-11	4.61E-04	1.21E-06	8.39E-07	1.35E-05	8.39E-06	5.04E-05	7.97E-07	1.82E-05	2.49E-03	2.30E-04	2.96E-03
1333	NG_29	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.607	9.62E-03	2.02E-02	2.77E-01	1.41E-02	5.21E-06	1.77E-02	3.09E-03	9.65E-04	1.89E-11	5.01E-04	1.32E-06	9.10E-07	1.47E-05	9.11E-06	5.47E-05	8.65E-07	1.98E-05	2.70E-03	2.50E-04	3.22E-03
1334	NG_30	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.607	1.05E-02	2.20E-02	3.02E-01	1.54E-02	5.68E-06	1.90E-02	3.37E-03	1.05E-03	2.06E-11	5.46E-04	1.44E-06	9.92E-07	1.60E-05	9.93E-06	5.97E-05	9.43E-07	2.16E-05	2.94E-03	2.72E-04	3.51E-03
1335	NG_31	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.607	1.14E-02	2.40E-02	3.29E-01	1.67E-02	6.19E-06	2.03E-02	3.67E-03	1.15E-03	2.24E-11	5.95E-04	1.57E-06	1.08E-06	1.74E-05	1.08E-05	6.50E-05	1.03E-06	2.35E-05	3.21E-03	2.97E-04	3.82E-03
1336	NG_32	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.607	1.24E-02	2.61E-02	3.58E-01	1.81E-02	6.72E-06	2.16E-02	3.99E-03	1.25E-03	2.44E-11	6.46E-04	1.70E-06	1.18E-06	1.89E-05	1.18E-05	7.06E-05	1.12E-06	2.55E-05	3.48E-03	3.22E-04	4.15E-03
1337	NG_33	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.607	1.35E-02	2.83E-02	3.89E-01	1.96E-02	7.31E-06	2.30E-02	4.34E-03	1.35E-03	2.65E-11	7.02E-04	1.85E-06	1.28E-06	2.06E-05	1.28E-05	7.68E-05	1.21E-06	2.77E-05	3.78E-03	3.50E-04	4.51E-03
1338	NG_34	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.607	1.46E-02	3.07E-02	4.21E-01	2.12E-02	7.91E-06	2.45E-02	4.69E-03	1.46E-03	2.87E-11	7.60E-04	2.00E-06	1.39E-06	2.23E-05	1.38E-05	8.31E-05	1.31E-06	3.00E-05	4.10E-03	3.79E-04	4.88E-03
1339	NG_35	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.607	1.56E-02	3.27E-02	4.49E-01	2.25E-02	8.45E-06	2.58E-02	5.01E-03	1.56E-03	3.06E-11	8.12E-04	2.14E-06	1.48E-06	2.38E-05	1.48E-05	8.87E-05	1.40E-06	3.20E-05	4.37E-03	4.05E-04	5.21E-03
1340	NG_36	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.607	1.65E-02	3.46E-02	4.75E-01	2.38E-02	8.93E-06	2.69E-02	5.30E-03	1.65E-03	3.23E-11	8.58E-04	2.26E-06	1.57E-06	2.51E-05	1.56E-05	9.37E-05	1.48E-06	3.39E-05	4.62E-03	4.28E-04	5.51E-03
1341	NG_37	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.607	1.72E-02	3.62E-02	4.97E-01	2.49E-02	9.34E-06	2.79E-02	5.54E-03	1.73E-03	3.38E-11	8.98E-04	2.36E-06	1.64E-06	2.63E-05	1.63E-05	9.81E-05	1.55E-06	3.54E-05	4.84E-03	4.48E-04	5.76E-03
1342	NG_38	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.607	1.77E-02	3.72E-02	5.11E-01	2.55E-02	9.59E-06	2.84E-02	5.69E-03	1.78E-03	3.47E-11	9.22E-04	2.43E-06	1.68E-06	2.70E-05	1.68E-05	1.01E-04	1.59E-06	3.64E-05	4.97E-03	4.60E-04	5.92E-03
1343	NG_39	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.607	1.80E-02	3.78E-02	5.18E-01	2.60E-02	9.74E-06	2.87E-02	5.78E-03	1.80E-03	3.53E-11	9.36E-04	2.47E-06	1.71E-06	2.74E-05	1.70E-05	1.02E-04	1.62E-06	3.70E-05	5.04E-03	4.67E-04	6.01E-03
1344	NG_40	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.607	1.80E-02	3.77E-02	5.18E-01	2.60E-02	9.73E-06	2.85E-02	5.77E-03	1.80E-03	3.52E-11	9.35E-04	2.46E-06	1.71E-06	2.74E-05	1.70E-05	1.02E-04	1.61E-06	3.69E-05	5.03E-03	4.66E-04	6.00E-03
1345	NG_41	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.607	1.79E-02	3.75E-02	5.15E-01	2.59E-02	9.68E-06	2.83E-02	5.74E-03	1.79E-03	3.50E-11	9.30E-04	2.45E-06	1.70E-06	2.72E-05	1.69E-05	1.02E-04	1.61E-06	3.67E-05	5.01E-03	4.64E-04	5.97E-03
1366	NG_62	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.657	5.46E-03	1.15E-02	1.57E-01	7.92E-03	2.96E-06	1.12E-02	1.75E-03	5.48E-04	1.07E-11	2.84E-04	7.51E-07	5.23E-07	8.33E-06	5.18E-06	3.11E-05	4.91E-07	1.12E-05	1.53E-03	1.42E-04	1.83E-03
1367	NG_63	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.657	6.13E-03	1.29E-02	1.77E-01	8.86E-03	3.32E-06	1.24E-02	1.97E-03	6.14E-04	1.20E-11	3.19E-04	8.42E-07	5.86E-07	9.34E-06	5.81E-06	3.49E-05	5.51E-07	1.26E-05	1.72E-03	1.59E-04	2.05E-03
1368	NG_64	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.657	6.70E-03	1.41E-02	1.93E-01	9.69E-03	3.63E-06	1.34E-02	2.15E-03	6.72E-04	1.31E-11	3.49E-04	9.20E-07	6.39E-07	1.02E-05	6.35E-06	3.81E-05	6.03E-07	1.38E-05	1.88E-03	1.74E-04	2.24E-03
1369	NG_65	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.657	7.27E-03	1.53E-02	2.09E-01	1.05E-02	3.94E-06	1.44E-02	2.34E-03	7.29E-04	1.43E-11	3.78E-04	9.97E-07	6.92E-07	1.11E-05	6.89E-06	4.14E-05	6.54E-07	1.49E-05	2.04E-03	1.89E-04	2.43E-03
1370	NG_66	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.657	7.97E-03	1.67E-02	2.30E-01	1.16E-02	4.32E-06	1.56E-02	2.56E-03	7.99E-04	1.56E-11	4.15E-04	1.09E-06	7.57E-07	1.22E-05	7.55E-06	4.53E-05	7.17E-07	1.64E-05	2.23E-03	2.07E-04	2.66E-03
1371	NG_67	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.657	8.70E-03	1.83E-02	2.50E-01	1.27E-02	4.71E-06	1.69E-02	2.79E-03	8.72E-04	1.71E-11	4.53E-04	1.19E-06	8.25E-07	1.33E-05	8.24E-06	4.95E-05	7.82E-07	1.79E-05	2.44E-03	2.26E-04	2.91E-03
1372	NG_68	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.657	9.30E-03	1.95E-02	2.68E-01	1.37E-02	5.04E-06	1.78E-02	2.99E-03	9.33E-04	1.82E-11	4.84E-04	1.27E-06	8.81E-07	1.42E-05	8.81E-06	5.29E-05	8.36E-07	1.91E-05	2.61E-03	2.41E-04	3.11E-03
1373	NG_69	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.657	1.00E-02	2.10E-02	2.88E-01	1.47E-02	5.42E-06	1.88E-02	3.21E-03	1.00E-03	1.96E-11	5.21E-04	1.37E-06	9.47E-07	1.53E-05	9.47E-06	5.69E-05	8.99E-07	2.06E-05	2.81E-03	2.60E-04	3.34E-03
1374	NG_70	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.657	1.09E-02	2.29E-02	3.14E-01	1.60E-02	5.91E-06	2.02E-02	3.51E-03	1.10E-03	2.14E-11	5.68E-04	1.49E-06	1.03E-06	1.66E-05	1.03E-05	6.21E-05	9.81E-07	2.24E-05	3.06E-03	2.83E-04	3.65E-03
1375	NG_71	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.657	1.20E-02	2.51E-02	3.44E-01	1.75E-02	6.47E-06	2.17E-02	3.84E-03	1.20E-03	2.35E-11	6.22E-04	1.64E-06	1.13E-06	1.82E-05	1.13E-05	6.80E-05	1.07E-06	2.46E-05	3.35E-03	3.10E-04	3.99E-03
1376	NG_72	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.657	1.31E-02	2.74E-02	3.76E-01	1.91E-02	7.07E-06	2.32E-02	4.19E-03	1.31E-03	2.56E-11	6.79E-04	1.79E-06	1.24E-06	1.99E-05	1.24E-05	7.42E-05	1.17E-06	2.68E-05	3.66E-03	3.39E-04	4.36E-03
1377	NG_73	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.657	1.43E-02	3.01E-02	4.12E-01	2.08E-02	7.75E-06	2.50E-02	4.60E-03	1.44E-03	2.81E-11	7.45E-04	1.96E-06	1.36E-06	2.18E-05	1.36E-05	8.14E-05	1.29E-06	2.94E-05	4.01E-03	3.72E-04	4.78E-03
1378	NG_74	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.657	1.56E-02	3.27E-02	4.48E-01	2.26E-02	8.42E-06	2.67E-02	5.00E-03	1.56E-03	3.05E-11	8.10E-04	2.13E-06	1.48E-06	2.37E-05	1.47E-05	8.85E-05	1.40E-06	3.20E-05	4.36E-03	4.04E-04	5.20E-03
1379	NG_75	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.657	1.67E-02	3.51E-02	4.82E-01	2.42E-02	9.05E-06	2.82E-02	5.37E-03	1.68E-03	3.28E-11	8.70E-04	2.29E-06	1.59E-06	2.55E-05	1.58E-05	9.51E-05	1.50E-06	3.44E-05	4.69E-03	4.34E-04	5.59E-03
1380	NG_76	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.657	1.77E-02	3.72E-02	5.11E-01	2.56E-02	9.60E-06	2.95E-02	5.69E-03	1.78E-03	3.48E-11	9.22E-04	2.43E-06	1.68E-06	2.70E-05	1.68E-05	1.01E-04	1.59E-06	3.64E-05	4.97E-03	4.60E-04	5.92E-03
1381	NG_77	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.657	1.87E-02	3.92E-02	5.38E-01	2.69E-02	1.01E-05	3.07E-02	5.99E-03	1.87E-03	3.66E-11	9.71E-04	2.56E-06	1.77E-06	2.85E-05	1.77E-05	1.06E-04	1.68E-06	3.84E-05	5.23E-03	4.84E-04	6.24E-03
1382	NG_78	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.657	1.93E-02	4.04E-02	5.55E-01	2.78E-02	1.04E-05	3.14E-02	6.19E-03	1.93E-03	3.78E-11	1.00E-03	2.64E-06	1.83E-06	2.94E-05	1.82E-05	1.10E-04	1.73E-06	3.96E-05	5.40E-03	5.00E-04	6.43E-03
1383	NG_79	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.657	1.97E-02	4.14E-02	5.68E-01	2.85E-02	1.07E-05	3.20E-02	6.33E-03	1.98E-03	3.87E-11	1.03E-03	2.70E-06	1.88E-06	3.01E-05	1.87E-05	1.12E-04	1.77E-06	4.05E-05	5.53E-03	5.12E-04	6.59E-03
1384	NG_80	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.657	1.98E-02	4.16E-02	5.71E-01	2.87E-02	1.07E-05	3.21E-02	6.37E-03	1.99E-03	3.89E-11	1.03E-03	2.72E-06	1.89E-06	3.02E-05	1.88E-05	1.13E-04	1.78E-06	4.07E-05	5.56E-03	5.14E-04	6.62E-03
1385	NG_81	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.657	1.95E-02	4.09E-02	5.61E-01	2.83E-02	1.06E-05	3.14E-02	6.26E-03	1.95E-03	3.82E-11	1.01E-03	2.67E-06	1.85E-06	2.97E-05	1.85E-05	1.11E-04	1.75E-06	4.00E-05	5.46E-03	5.05E-04	6.51E-03
1386	NG_82	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.657	1.92E-02	4.03E-02	5.53E-01	2.79E-02	1.04E-05	3.08E-02	6.16E-03	1.92E-03	3.76E-11	9.99E-04	2.63E-06	1.83E-06	2.93E-05	1.82E-05	1.09E-04	1.73E-06	3.94E-05	5.38E-03	4.98E-04	6.41E-03
1392	NG_88	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.707	6.10E-03	1.28E-02	1.76E-01	9.26E-03	3.33E-06	1.28E-02	1.96E-03	6.12E-04	1.20E-11	3.18E-04	8.53E-07	6.12E-07	9.32E-06	5.82E-06	3.47E-05	5.51E-07	1.25E-05	1.71E-03	1.58E-04	2.04E-03
1402	NG_98	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.707	4.61E-03	9.68E-03	1.33E-01	6.86E-03	2.51E-06	1.00E-02	1.48E-03	4.62E-04	9.04E-12	2.40E-04	6.38E-07	4.51E-07	7.03E-06	4.38E-06	2.62E-05	4.15E-07	9.46E-06	1.29E-03	1.20E-04	1.54E-03
1403	NG_99	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.707	4.67E-03	9.81E-03	1.35E-01	6.92E-03	2.54E-06	1.01E-02	1.50E-03	4.68E-04	9.16E-12	2.43E-04	6.45E-07	4.54E-07	7.12E-06	4.44E-06	2.66E-05	4.20E-07	9.59E-06	1.31E-03	1.21E-04	1.56E-03
1404	NG_100	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.707	4.78E-03	1.00E-02	1.38E-01	7.04E-03	2.60E-06	1.03E-02	1.54E-03	4.79E-04	9.38E-12	2.49E-04	6.60E-07	4.63E-07	7.29E-06	4.54E-06	2.72E-05	4.30E-07	9.82E-06	1.34E-03	1.24E-04	1.60E-03
1405	NG_101	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.707	5.02E-03	1.06E-02	1.45E-01	7.36E-03	2.73E-06	1.07E-02	1.61E-03	5.04E-04	9.86E-12	2.62E-04	6.92E-07	4.84E-07	7.66E-06	4.77E-06	2.86E-05	4.52E-07	1.03E-05	1.41E-03	1.30E-04	1.68E-03
1406	NG_102	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.707	5.49E-03	1.15E-02	1.58E-01	7.99E-03	2.98E-06	1.15E-02	1.76E-03	5.50E-04	1.08E-11	2.86E-04	7.55E-07	5.27E-07	8.37E-06	5.21E-06	3.12E-05	4.94E-07	1.13E-05	1.54E-03	1.42E-04	1.83E-03
1407	NG_103	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.707	6.09E-03	1.28E-02	1.76E-01	8.83E-03	3.30E-06	1.26E-02	1.96E-03	6.11E-04	1.20E-11	3.17E-04	8.37E-07	5.83E-07	9.29E-06	5.78E-06	3.46E-05	5.48E-07	1.25E-05	1.71E-03	1.58E-04	2.04E-03
1408	NG_104	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.707	6.83E-03	1.43E-02	1.97E-01	9.88E-03	3.70E-06	1.40E-02	2.19E-03	6.85E-04	1.34E-11	3.55E-04	9.38E-07	6.52E-07	1.04E-05	6.47E-06	3.88E-05	6.14E-07	1.40E-05	1.91E-03	1.77E-04	2.28E-03
1409	NG_105	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.707	7.52E-03	1.58E-02	2.17E-01	1.09E-02	4.08E-06	1.52E-02	2.42E-03	7.54E-04	1.48E-11	3.92E-04	1.03E-06	7.17E-07	1.15E-05	7.13E-06	4.28E-05	6.76E-07	1.55E-05	2.11E-03	1.95E-04	2.51E-03

AQIA DATA - SCENARIO 1 COMMERCIAL

Annual Average Pollutant Concentration (µg/m3) - Regain Contribution

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.24E-01**	**2.60E-01**	**3.55E+00**	**1.99E-01**	**6.74E-05**	**3.58E-01**	**3.98E-02**	**1.24E-02**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**3.47E-02**	**3.21E-03**	**4.14E-02**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1410	NG_106	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.707	8.23E-03	1.73E-02	2.37E-01	1.20E-02	4.46E-06	1.65E-02	2.64E-03	8.26E-04	1.62E-11	4.29E-04	1.13E-06	7.83E-07	1.26E-05	7.80E-06	4.68E-05	7.40E-07	1.69E-05	2.31E-03	2.14E-04	2.75E-03
1411	NG_107	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.707	8.96E-03	1.88E-02	2.58E-01	1.31E-02	4.85E-06	1.78E-02	2.88E-03	8.99E-04	1.76E-11	4.66E-04	1.23E-06	8.51E-07	1.37E-05	8.49E-06	5.10E-05	8.06E-07	1.84E-05	2.51E-03	2.33E-04	2.99E-03
1412	NG_108	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.707	9.81E-03	2.06E-02	2.82E-01	1.44E-02	5.31E-06	1.92E-02	3.15E-03	9.84E-04	1.92E-11	5.11E-04	1.34E-06	9.30E-07	1.50E-05	9.29E-06	5.58E-05	8.82E-07	2.02E-05	2.75E-03	2.55E-04	3.28E-03
1413	NG_109	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.707	1.06E-02	2.22E-02	3.04E-01	1.55E-02	5.71E-06	2.04E-02	3.39E-03	1.06E-03	2.07E-11	5.49E-04	1.44E-06	9.99E-07	1.61E-05	9.99E-06	6.00E-05	9.48E-07	2.17E-05	2.96E-03	2.74E-04	3.53E-03
1414	NG_110	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.707	1.14E-02	2.39E-02	3.28E-01	1.67E-02	6.16E-06	2.16E-02	3.66E-03	1.14E-03	2.23E-11	5.93E-04	1.56E-06	1.08E-06	1.74E-05	1.08E-05	6.48E-05	1.02E-06	2.34E-05	3.19E-03	2.96E-04	3.80E-03
1415	NG_111	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.707	1.24E-02	2.61E-02	3.58E-01	1.82E-02	6.72E-06	2.31E-02	3.99E-03	1.25E-03	2.44E-11	6.46E-04	1.70E-06	1.18E-06	1.89E-05	1.18E-05	7.06E-05	1.12E-06	2.55E-05	3.48E-03	3.22E-04	4.15E-03
1416	NG_112	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.707	1.36E-02	2.87E-02	3.93E-01	2.00E-02	7.39E-06	2.48E-02	4.38E-03	1.37E-03	2.68E-11	7.10E-04	1.87E-06	1.29E-06	2.08E-05	1.29E-05	7.76E-05	1.23E-06	2.81E-05	3.83E-03	3.54E-04	4.56E-03
1417	NG_113	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.707	1.50E-02	3.15E-02	4.31E-01	2.18E-02	8.11E-06	2.67E-02	4.81E-03	1.50E-03	2.94E-11	7.80E-04	2.05E-06	1.42E-06	2.28E-05	1.42E-05	8.52E-05	1.35E-06	3.08E-05	4.20E-03	3.89E-04	5.01E-03
1418	NG_114	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.707	1.65E-02	3.46E-02	4.74E-01	2.39E-02	8.92E-06	2.88E-02	5.29E-03	1.65E-03	3.23E-11	8.57E-04	2.26E-06	1.56E-06	2.51E-05	1.56E-05	9.36E-05	1.48E-06	3.38E-05	4.62E-03	4.27E-04	5.50E-03
1419	NG_115	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.707	1.79E-02	3.76E-02	5.16E-01	2.59E-02	9.70E-06	3.08E-02	5.75E-03	1.80E-03	3.51E-11	9.32E-04	2.45E-06	1.70E-06	2.73E-05	1.70E-05	1.02E-04	1.61E-06	3.68E-05	5.02E-03	4.65E-04	5.98E-03
1420	NG_116	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.707	1.91E-02	4.01E-02	5.50E-01	2.76E-02	1.03E-05	3.24E-02	6.13E-03	1.91E-03	3.75E-11	9.94E-04	2.62E-06	1.81E-06	2.91E-05	1.81E-05	1.09E-04	1.72E-06	3.92E-05	5.35E-03	4.96E-04	6.38E-03
1421	NG_117	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.707	2.01E-02	4.23E-02	5.80E-01	2.91E-02	1.09E-05	3.38E-02	6.47E-03	2.02E-03	3.95E-11	1.05E-03	2.76E-06	1.91E-06	3.07E-05	1.91E-05	1.14E-04	1.81E-06	4.14E-05	5.64E-03	5.22E-04	6.73E-03
1422	NG_118	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.707	2.10E-02	4.40E-02	6.04E-01	3.03E-02	1.14E-05	3.49E-02	6.73E-03	2.10E-03	4.11E-11	1.09E-03	2.87E-06	1.99E-06	3.19E-05	1.98E-05	1.19E-04	1.88E-06	4.31E-05	5.87E-03	5.44E-04	7.00E-03
1423	NG_119	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.707	2.14E-02	4.48E-02	6.15E-01	3.09E-02	1.16E-05	3.53E-02	6.86E-03	2.14E-03	4.19E-11	1.11E-03	2.93E-06	2.03E-06	3.25E-05	2.02E-05	1.21E-04	1.92E-06	4.39E-05	5.99E-03	5.54E-04	7.13E-03
1424	NG_120	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.707	2.16E-02	4.54E-02	6.23E-01	3.13E-02	1.17E-05	3.56E-02	6.95E-03	2.17E-03	4.24E-11	1.13E-03	2.97E-06	2.06E-06	3.30E-05	2.05E-05	1.23E-04	1.94E-06	4.44E-05	6.06E-03	5.61E-04	7.22E-03
1425	NG_121	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.707	2.16E-02	4.54E-02	6.23E-01	3.14E-02	1.17E-05	3.55E-02	6.94E-03	2.17E-03	4.24E-11	1.13E-03	2.97E-06	2.06E-06	3.30E-05	2.05E-05	1.23E-04	1.94E-06	4.44E-05	6.06E-03	5.61E-04	7.22E-03
1426	NG_122	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.707	2.11E-02	4.43E-02	6.08E-01	3.07E-02	1.14E-05	3.45E-02	6.77E-03	2.11E-03	4.14E-11	1.10E-03	2.89E-06	2.01E-06	3.21E-05	2.00E-05	1.20E-04	1.90E-06	4.33E-05	5.91E-03	5.47E-04	7.04E-03
1427	NG_123	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.707	2.04E-02	4.28E-02	5.88E-01	2.98E-02	1.10E-05	3.32E-02	6.55E-03	2.04E-03	4.00E-11	1.06E-03	2.80E-06	1.94E-06	3.11E-05	1.93E-05	1.16E-04	1.83E-06	4.19E-05	5.72E-03	5.29E-04	6.81E-03
1433	NG_129	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.757	6.85E-03	1.44E-02	1.98E-01	1.04E-02	3.74E-06	1.45E-02	2.20E-03	6.86E-04	1.34E-11	3.57E-04	9.57E-07	6.87E-07	1.05E-05	6.53E-06	3.90E-05	6.18E-07	1.40E-05	1.92E-03	1.78E-04	2.29E-03
1434	NG_130	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.757	6.65E-03	1.40E-02	1.92E-01	1.01E-02	3.63E-06	1.42E-02	2.14E-03	6.66E-04	1.30E-11	3.47E-04	9.28E-07	6.66E-07	1.01E-05	6.34E-06	3.78E-05	6.00E-07	1.36E-05	1.86E-03	1.72E-04	2.22E-03
1435	NG_131	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.757	6.39E-03	1.34E-02	1.84E-01	9.67E-03	3.49E-06	1.37E-02	2.05E-03	6.40E-04	1.25E-11	3.33E-04	8.92E-07	6.39E-07	9.75E-06	6.09E-06	3.63E-05	5.76E-07	1.31E-05	1.79E-03	1.66E-04	2.14E-03
1436	NG_132	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.757	6.16E-03	1.29E-02	1.78E-01	9.32E-03	3.36E-06	1.33E-02	1.98E-03	6.18E-04	1.21E-11	3.21E-04	8.60E-07	6.16E-07	9.41E-06	5.88E-06	3.51E-05	5.56E-07	1.26E-05	1.73E-03	1.60E-04	2.06E-03
1437	NG_133	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.757	5.94E-03	1.25E-02	1.71E-01	8.96E-03	3.24E-06	1.29E-02	1.91E-03	5.95E-04	1.16E-11	3.10E-04	8.28E-07	5.93E-07	9.07E-06	5.66E-06	3.38E-05	5.36E-07	1.22E-05	1.67E-03	1.54E-04	1.98E-03
1442	NG_138	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.757	5.15E-03	1.08E-02	1.49E-01	7.68E-03	2.80E-06	1.13E-02	1.65E-03	5.16E-04	1.01E-11	2.68E-04	7.15E-07	5.07E-07	7.86E-06	4.90E-06	2.93E-05	4.64E-07	1.06E-05	1.44E-03	1.34E-04	1.72E-03
1443	NG_139	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.757	5.08E-03	1.07E-02	1.47E-01	7.56E-03	2.77E-06	1.12E-02	1.63E-03	5.10E-04	9.97E-12	2.65E-04	7.04E-07	4.98E-07	7.76E-06	4.83E-06	2.89E-05	4.58E-07	1.04E-05	1.43E-03	1.32E-04	1.70E-03
1444	NG_140	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.757	5.12E-03	1.08E-02	1.48E-01	7.58E-03	2.78E-06	1.12E-02	1.64E-03	5.13E-04	1.00E-11	2.67E-04	7.08E-07	4.98E-07	7.81E-06	4.86E-06	2.91E-05	4.61E-07	1.05E-05	1.44E-03	1.33E-04	1.71E-03
1445	NG_141	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.757	5.23E-03	1.10E-02	1.51E-01	7.71E-03	2.84E-06	1.14E-02	1.68E-03	5.25E-04	1.03E-11	2.73E-04	7.22E-07	5.07E-07	7.98E-06	4.97E-06	2.98E-05	4.71E-07	1.07E-05	1.47E-03	1.36E-04	1.75E-03
1446	NG_142	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.757	5.50E-03	1.16E-02	1.59E-01	8.05E-03	2.99E-06	1.18E-02	1.77E-03	5.52E-04	1.08E-11	2.87E-04	7.58E-07	5.31E-07	8.39E-06	5.22E-06	3.13E-05	4.95E-07	1.13E-05	1.54E-03	1.43E-04	1.84E-03
1447	NG_143	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.757	6.03E-03	1.27E-02	1.74E-01	8.77E-03	3.27E-06	1.28E-02	1.94E-03	6.05E-04	1.18E-11	3.14E-04	8.30E-07	5.79E-07	9.20E-06	5.72E-06	3.43E-05	5.43E-07	1.24E-05	1.69E-03	1.57E-04	2.02E-03
1448	NG_144	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.757	6.74E-03	1.42E-02	1.94E-01	9.77E-03	3.66E-06	1.41E-02	2.17E-03	6.76E-04	1.32E-11	3.51E-04	9.27E-07	6.46E-07	1.03E-05	6.39E-06	3.84E-05	6.07E-07	1.39E-05	1.89E-03	1.75E-04	2.25E-03
1449	NG_145	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.757	7.53E-03	1.58E-02	2.17E-01	1.09E-02	4.08E-06	1.56E-02	2.42E-03	7.55E-04	1.48E-11	3.92E-04	1.03E-06	7.19E-07	1.15E-05	7.14E-06	4.28E-05	6.77E-07	1.55E-05	2.11E-03	1.95E-04	2.52E-03
1450	NG_146	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.757	8.33E-03	1.75E-02	2.40E-01	1.21E-02	4.51E-06	1.70E-02	2.68E-03	8.35E-04	1.63E-11	4.34E-04	1.14E-06	7.94E-07	1.27E-05	7.89E-06	4.74E-05	7.49E-07	1.71E-05	2.34E-03	2.16E-04	2.78E-03
1451	NG_147	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.757	9.18E-03	1.93E-02	2.64E-01	1.34E-02	4.97E-06	1.86E-02	2.95E-03	9.21E-04	1.80E-11	4.78E-04	1.26E-06	8.73E-07	1.40E-05	8.70E-06	5.22E-05	8.26E-07	1.89E-05	2.57E-03	2.38E-04	3.07E-03
1452	NG_148	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.757	1.01E-02	2.11E-02	2.89E-01	1.47E-02	5.45E-06	2.01E-02	3.23E-03	1.01E-03	1.97E-11	5.23E-04	1.38E-06	9.54E-07	1.53E-05	9.52E-06	5.72E-05	9.04E-07	2.07E-05	2.82E-03	2.61E-04	3.36E-03
1453	NG_149	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.757	1.10E-02	2.31E-02	3.16E-01	1.61E-02	5.94E-06	2.17E-02	3.53E-03	1.10E-03	2.15E-11	5.71E-04	1.50E-06	1.04E-06	1.67E-05	1.04E-05	6.24E-05	9.87E-07	2.26E-05	3.08E-03	2.85E-04	3.67E-03
1454	NG_150	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.757	1.19E-02	2.51E-02	3.44E-01	1.76E-02	6.47E-06	2.32E-02	3.84E-03	1.20E-03	2.34E-11	6.22E-04	1.64E-06	1.13E-06	1.82E-05	1.13E-05	6.79E-05	1.07E-06	2.46E-05	3.35E-03	3.10E-04	3.99E-03
1455	NG_151	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.757	1.30E-02	2.74E-02	3.75E-01	1.92E-02	7.06E-06	2.48E-02	4.19E-03	1.31E-03	2.56E-11	6.79E-04	1.79E-06	1.23E-06	1.99E-05	1.23E-05	7.42E-05	1.17E-06	2.68E-05	3.66E-03	3.39E-04	4.36E-03
1456	NG_152	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.757	1.43E-02	3.01E-02	4.12E-01	2.10E-02	7.76E-06	2.67E-02	4.60E-03	1.44E-03	2.81E-11	7.46E-04	1.96E-06	1.36E-06	2.18E-05	1.36E-05	8.15E-05	1.29E-06	2.95E-05	4.02E-03	3.72E-04	4.79E-03
1457	NG_153	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.757	1.58E-02	3.31E-02	4.54E-01	2.30E-02	8.54E-06	2.87E-02	5.07E-03	1.58E-03	3.10E-11	8.21E-04	2.16E-06	1.50E-06	2.41E-05	1.49E-05	8.98E-05	1.42E-06	3.24E-05	4.43E-03	4.10E-04	5.27E-03
1458	NG_154	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.757	1.73E-02	3.63E-02	4.97E-01	2.51E-02	9.35E-06	3.08E-02	5.55E-03	1.73E-03	3.39E-11	8.99E-04	2.37E-06	1.64E-06	2.63E-05	1.64E-05	9.82E-05	1.55E-06	3.55E-05	4.84E-03	4.48E-04	5.77E-03
1459	NG_155	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.757	1.89E-02	3.97E-02	5.45E-01	2.74E-02	1.02E-05	3.31E-02	6.08E-03	1.90E-03	3.71E-11	9.85E-04	2.59E-06	1.80E-06	2.89E-05	1.79E-05	1.08E-04	1.70E-06	3.89E-05	5.31E-03	4.91E-04	6.32E-03
1460	NG_156	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.757	2.05E-02	4.30E-02	5.90E-01	2.96E-02	1.11E-05	3.54E-02	6.58E-03	2.06E-03	4.02E-11	1.07E-03	2.81E-06	1.95E-06	3.12E-05	1.94E-05	1.17E-04	1.84E-06	4.21E-05	5.75E-03	5.32E-04	6.85E-03
1461	NG_157	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.757	2.18E-02	4.58E-02	6.28E-01	3.15E-02	1.18E-05	3.73E-02	7.00E-03	2.19E-03	4.28E-11	1.13E-03	2.99E-06	2.07E-06	3.32E-05	2.07E-05	1.24E-04	1.96E-06	4.48E-05	6.11E-03	5.66E-04	7.29E-03
1462	NG_158	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.757	2.28E-02	4.78E-02	6.56E-01	3.29E-02	1.23E-05	3.86E-02	7.32E-03	2.28E-03	4.47E-11	1.19E-03	3.12E-06	2.17E-06	3.47E-05	2.16E-05	1.30E-04	2.05E-06	4.68E-05	6.39E-03	5.91E-04	7.61E-03
1463	NG_159	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.757	2.34E-02	4.92E-02	6.75E-01	3.40E-02	1.27E-05	3.95E-02	7.53E-03	2.35E-03	4.60E-11	1.22E-03	3.22E-06	2.23E-06	3.57E-05	2.22E-05	1.33E-04	2.11E-06	4.82E-05	6.57E-03	6.08E-04	7.83E-03
1464	NG_160	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.757	2.36E-02	4.96E-02	6.80E-01	3.43E-02	1.28E-05	3.96E-02	7.59E-03	2.37E-03	4.63E-11	1.23E-03	3.24E-06	2.25E-06	3.60E-05	2.24E-05	1.34E-04	2.12E-06	4.85E-05	6.62E-03	6.13E-04	7.89E-03
1465	NG_161	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.757	2.36E-02	4.96E-02	6.80E-01	3.43E-02	1.28E-05	3.95E-02	7.58E-03	2.37E-03	4.63E-11	1.23E-03	3.24E-06	2.25E-06	3.60E-05	2.24E-05	1.34E-04	2.12E-06	4.85E-05	6.62E-03	6.13E-04	7.89E-03
1466	NG_162	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.757	2.34E-02	4.91E-02	6.74E-01	3.41E-02	1.27E-05	3.90E-02	7.52E-03	2.35E-03	4.59E-11	1.22E-03	3.21E-06	2.23E-06	3.57E-05	2.22E-05	1.33E-04	2.10E-06	4.81E-05	6.56E-03	6.07E-04	7.82E-03
1467	NG_163	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.757	2.27E-02	4.76E-02	6.53E-01	3.32E-02	1.23E-05	3.77E-02	7.28E-03	2.27E-03	4.45E-11	1.18E-03	3.11E-06	2.16E-06	3.46E-05	2.15E-05	1.29E-04	2.04E-06	4.66E-05	6.36E-03	5.89E-04	7.58E-03
1468	NG_164	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.757	2.18E-02	4.58E-02	6.29E-01	3.20E-02	1.18E-05	3.62E-02	7.01E-03	2.19E-03	4.28E-11	1.14E-03	2.99E-06	2.08E-06	3.33E-05	2.07E-05	1.24E-04	1.96E-06	4.48E-05	6.12E-03	5.66E-04	7.29E-03
1473	NG_169	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.807	7.90E-03	1.66E-02	2.28E-01	1.19E-02	4.31E-06	1.67E-02	2.54E-03	7.91E-04	1.55E-11	4.12E-04	1.10E-06	7.92E-07	1.21E-05	7.53E-06	4.49E-05	7.13E-07	1.62E-05	2.21E-03	2.05E-04	2.64E-03
1474	NG_170	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.807	7.68E-03	1.61E-02	2.21E-01	1.16E-02	4.19E-06	1.64E-02	2.47E-03	7.70E-04	1.51E-11	4.01E-04	1.07E-06	7.70E-07	1.17E-05	7.33E-06	4.37E-05	6.93E-07	1.58E-05	2.15E-03	1.99E-04	2.57E-03
1475	NG_171	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.807	7.45E-03	1.57E-02	2.15E-01	1.13E-02	4.07E-06	1.60E-02	2.39E-03	7.47E-04	1.46E-11	3.88E-04	1.04E-06	7.46E-07	1.14E-05	7.10E-06	4.24E-05	6.72E-07	1.53E-05	2.09E-03	1.93E-04	2.49E-03
1476	NG_172	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.807	7.26E-03	1.52E-02	2.09E-01	1.10E-02	3.96E-06	1.58E-02	2.33E-03	7.28E-04	1.42E-11	3.78E-04	1.01E-06	7.27E-07	1.11E-05	6.92E-06	4.13E-05	6.55E-07	1.49E-05	2.04E-03	1.88E-04	2.43E-03
1477	NG_173	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.807	7.00E-03	1.47E-02	2.02E-01	1.06E-02	3.82E-06	1.53E-02	2.25E-03	7.02E-04	1.37E-11	3.65E-04	9.77E-07	7.00E-07	1.07E-05	6.68E-06	3.98E-05	6.32E-07	1.44E-05	1.96E-03	1.82E-04	2.34E-03
1478	NG_174	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.807	6.77E-03	1.42E-02	1.95E-01	1.02E-02	3.69E-06	1.49E-02	2.17E-03	6.78E-04	1.33E-11	3.53E-04	9.44E-07	6.76E-07	1.03E-05	6.45E-06	3.85E-05	6.11E-07	1.39E-05	1.90E-03	1.76E-04	2.26E-03
1482	NG_178	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.807	6.00E-03	1.26E-02	1.73E-01	8.96E-03	3.27E-06	1.34E-02	1.93E-03	6.01E-04	1.18E-11	3.13E-04	8.34E-07	5.94E-07	9.15E-06	5.71E-06	3.41E-05	5.41E-07	1.23E-05	1.68E-03	1.56E-04	2.00E-03
1483	NG_179	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.807	5.80E-03	1.22E-02	1.67E-01	8.64E-03	3.16E-06	1.29E-02	1.86E-03	5.81E-04	1.14E-11	3.02E-04	8.05E-07	5.71E-07	8.85E-06	5.52E-06	3.30E-05	5.23E-07	1.19E-05	1.63E-03	1.50E-04	1.94E-03
1484	NG_180	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.807	5.71E-03	1.20E-02	1.65E-01	8.49E-03	3.11E-06	1.27E-02	1.83E-03	5.72E-04	1.12E-11	2.98E-04	7.91E-07	5.60E-07	8.71E-06	5.43E-06	3.25E-05	5.14E-07	1.17E-05	1.60E-03	1.48E-04	1.91E-03
1485	NG_181	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.807	5.70E-03	1.20E-02	1.64E-01	8.44E-03	3.10E-06	1.27E-02	1.83E-03	5.72E-04	1.12E-11	2.97E-04	7.89E-07	5.56E-07	8.70E-06	5.42E-06	3.24E-05	5.14E-07	1.17E-05	1.60E-03	1.48E-04	1.91E-03
1486	NG_182	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.807	5.85E-03	1.23E-02	1.69E-01	8.61E-03	3.18E-06	1.29E-02	1.88E-03	5.87E-04	1.15E-11	3.05E-04	8.08E-07	5.67E-07	8.93E-06	5.56E-06	3.33E-05	5.27E-07	1.20E-05	1.64E-03	1.52E-04	1.96E-03
1487	NG_183	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.807	6.18E-03	1.30E-02	1.78E-01	9.04E-03	3.35E-06	1.35E-02	1.99E-03	6.20E-04	1.21E-11	3.22E-04	8.51E-07	5.96E-07	9.43E-06	5.86E-06	3.51E-05	5.56E-07	1.27E-05	1.73E-03	1.60E-04	2.07E-03
1488	NG_184	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.807	6.76E-03	1.42E-02	1.95E-01	9.83E-03	3.67E-06	1.45E-02	2.17E-03	6.78E-04	1.33E-11	3.52E-04	9.30E-07	6.49E-07	1.03E-05	6.41E-06	3.85E-05	6.08E-07	1.39E-05	1.90E-03	1.75E-04	2.26E-03
1489	NG_185	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.807	7.58E-03	1.59E-02	2.18E-01	1.10E-02	4.11E-06	1.61E-02	2.43E-03	7.60E-04	1.49E-11	3.94E-04	1.04E-06	7.25E-07	1.16E-05	7.18E-06	4.31E-05	6.82E-07	1.56E-05	2.12E-03	1.97E-04	2.53E-03
1490	NG_186	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.807	8.54E-03	1.79E-02	2.46E-01	1.24E-02	4.63E-06	1.79E-02	2.74E-03	8.57E-04	1.68E-11	4.45E-04	1.17E-06	8.16E-07	1.30E-05	8.10E-06	4.86E-05	7.68E-07	1.76E-05	2.40E-03	2.22E-04	2.86E-03
1491	NG_187	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.807	9.49E-03	1.99E-02	2.73E-01	1.38E-02	5.14E-06	1.97E-02	3.05E-03	9.51E-04	1.86E-11	4.94E-04	1.30E-06	9.04E-07	1.45E-05	8.99E-06	5.40E-05	8.53E-07	1.95E-05	2.66E-03	2.46E-04	3.17E-03
1492	NG_188	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.807	1.03E-02	2.17E-02	2.98E-01	1.51E-02	5.60E-06	2.12E-02	3.32E-03	1.04E-03	2.03E-11	5.38E-04	1.42E-06	9.83E-07	1.58E-05	9.80E-06	5.88E-05	9.30E-07	2.13E-05	2.90E-03	2.69E-04	3.46E-03
1493	NG_189	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.807	1.13E-02	2.38E-02	3.25E-01	1.66E-02	6.13E-06	2.29E-02	3.63E-03	1.13E-03	2.22E-11	5.89E-04	1.55E-06	1.07E-06	1.72E-05	1.07E-05	6.43E-05	1.02E-06	2.32E-05	3.17E-03	2.94E-04	3.78E-03
1494	NG_190	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.807	1.24E-02	2.61E-02	3.57E-01	1.83E-02	6.72E-06	2.47E-02	3.99E-03	1.25E-03	2.44E-11	6.46E-04	1.70E-06	1.18E-06	1.89E-05	1.18E-05	7.06E-05	1.12E-06	2.55E-05	3.48E-03	3.22E-04	4.15E-03
1495	NG_191	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.807	1.37E-02	2.89E-02	3.95E-01	2.02E-02	7.44E-06	2.69E-02	4.42E-03	1.38E-03	2.70E-11	7.15E-04	1.88E-06	1.30E-06	2.10E-05	1.30E-05	7.82E-05	1.24E-06	2.83E-05	3.85E-03	3.57E-04	4.59E-03
1496	NG_192	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.807	1.51E-02	3.18E-02	4.35E-01	2.22E-02	8.19E-06	2.89E-02	4.86E-03	1.52E-03	2.97E-11	7.87E-04	2.07E-06	1.43E-06	2.31E-05	1.43E-05	8.60E-05	1.36E-06	3.11E-05	4.24E-03	3.93E-04	5.05E-03
1497	NG_193	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.807	1.67E-02	3.51E-02	4.81E-01	2.44E-02	9.04E-06	3.11E-02	5.36E-03	1.67E-03	3.28E-11	8.69E-04	2.29E-06	1.58E-06	2.55E-05	1.58E-05	9.50E-05	1.50E-06	3.43E-05	4.68E-03	4.33E-04	5.58E-03
1498	NG_194	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.807	1.84E-02	3.86E-02	5.29E-01	2.67E-02	9.96E-06	3.35E-02	5.91E-03	1.84E-03	3.61E-11	9.57E-04	2.52E-06	1.74E-06	2.80E-05	1.74E-05	1.05E-04	1.65E-06	3.78E-05	5.16E-03	4.77E-04	6.15E-03
1499	NG_195	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.807	2.02E-02	4.24E-02	5.81E-01	2.92E-02	1.09E-05	3.60E-02	6.48E-03	2.02E-03	3.96E-11	1.05E-03	2.77E-06	1.92E-06	3.08E-05	1.91E-05	1.15E-04	1.81E-06	4.15E-05	5.66E-03	5.24E-04	6.74E-03
1500	NG_196	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.807	2.20E-02	4.62E-02	6.34E-01	3.18E-02	1.19E-05	3.87E-02	7.07E-03	2.21E-03	4.32E-11	1.15E-03	3.02E-06	2.09E-06	3.36E-05	2.09E-05	1.25E-04	1.98E-06	4.53E-05	6.17E-03	5.71E-04	7.36E-03
1501	NG_197	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.807	2.36E-02	4.96E-02	6.81E-01	3.41E-02	1.28E-05	4.12E-02	7.59E-03	2.37E-03	4.64E-11	1.23E-03	3.24E-06	2.25E-06	3.60E-05	2.24E-05	1.34E-04	2.13E-06	4.86E-05	6.63E-03	6.14E-04	7.90E-03
1502	NG_198	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.807	2.49E-02	5.22E-02	7.16E-01	3.60E-02	1.35E-05	4.30E-02	7.99E-03	2.49E-03	4.88E-11	1.29E-03	3.41E-06	2.37E-06	3.79E-05	2.36E-05	1.41E-04	2.24E-06	5.11E-05	6.98E-03	6.46E-04	8.31E-03
1503	NG_199	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.807	2.58E-02	5.41E-02	7.41E-01	3.73E-02	1.40E-05	4.42E-02	8.27E-03	2.58E-03	5.05E-11	1.34E-03	3.53E-06	2.45E-06	3.93E-05	2.44E-05	1.46E-04	2.32E-06	5.29E-05	7.22E-03	6.68E-04	8.61E-03
1504	NG_200	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.807	2.62E-02	5.51E-02	7.56E-01	3.81E-02	1.42E-05	4.49E-02	8.43E-03	2.63E-03	5.15E-11	1.37E-03	3.60E-06	2.50E-06	4.00E-05	2.49E-05	1.49E-04	2.36E-06	5.39E-05	7.36E-03	6.81E-04	8.77E-03
1505	NG_201	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.807	2.64E-02	5.54E-02	7.60E-01	3.85E-02	1.43E-05	4.51E-02	8.48E-03	2.65E-03	5.18E-11	1.37E-03	3.62E-06	2.51E-06	4.02E-05	2.50E-05	1.50E-04	2.37E-06	5.42E-05	7.40E-03	6.85E-04	8.82E-03
1506	NG_202	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.807	2.61E-02	5.47E-02	7.51E-01	3.81E-02	1.41E-05	4.44E-02	8.37E-03	2.61E-03	5.11E-11	1.36E-03	3.58E-06	2.48E-06	3.97E-05	2.47E-05	1.48E-04	2.34E-06	5.36E-05	7.31E-03	6.77E-04	8.71E-03
1507	NG_203	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.807	2.54E-02	5.32E-02	7.30E-01	3.72E-02	1.37E-05	4.30E-02	8.15E-03	2.54E-03	4.97E-11	1.32E-03	3.48E-06	2.42E-06	3.87E-05	2.40E-05	1.44E-04	2.28E-06	5.21E-05	7.11E-03	6.58E-04	8.47E-03
1508	NG_204	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.807	2.43E-02	5.11E-02	7.00E-01	3.57E-02	1.32E-05	4.11E-02	7.81E-03	2.44E-03	4.77E-11	1.27E-03	3.34E-06	2.32E-06	3.71E-05	2.30E-05	1.38E-04	2.19E-06	5.00E-05	6.82E-03	6.31E-04	8.13E-03
1509	NG_205	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.807	2.33E-02	4.88E-02	6.70E-01	3.42E-02	1.26E-05	3.92E-02	7.47E-03	2.33E-03	4.56E-11	1.21E-03	3.19E-06	2.22E-06	3.55E-05	2.20E-05	1.32E-04	2.09E-06	4.78E-05	6.52E-03	6.04E-04	7.77E-03
1513	NG_209	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6366.857	8.88E-03	1.87E-02	2.56E-01	1.33E-02	4.85E-06	1.86E-02	2.85E-03	8.90E-04	1.74E-11	4.63E-04	1.24E-06	8.91E-07	1.36E-05	8.47E-06	5.05E-05	8.01E-07	1.82E-05	2.49E-03	2.30E-04	2.97E-03

AQIA DATA - SCENARIO 1 COMMERCIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.24E-01**	**2.60E-01**	**3.55E+00**	**1.99E-01**	**6.74E-05**	**3.58E-01**	**3.98E-02**	**1.24E-02**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**3.47E-02**	**3.21E-03**	**4.14E-02**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1514	NG_210	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.857	8.80E-03	1.85E-02	2.54E-01	1.32E-02	4.80E-06	1.86E-02	2.83E-03	8.82E-04	1.73E-11	4.59E-04	1.23E-06	8.82E-07	1.34E-05	8.39E-06	5.00E-05	7.94E-07	1.80E-05	2.47E-03	2.28E-04	2.94E-03
1515	NG_211	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.857	8.59E-03	1.80E-02	2.48E-01	1.29E-02	4.69E-06	1.83E-02	2.76E-03	8.61E-04	1.69E-11	4.48E-04	1.20E-06	8.61E-07	1.31E-05	8.19E-06	4.89E-05	7.75E-07	1.76E-05	2.41E-03	2.23E-04	2.87E-03
1516	NG_212	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.857	8.42E-03	1.77E-02	2.43E-01	1.27E-02	4.59E-06	1.82E-02	2.70E-03	8.43E-04	1.65E-11	4.39E-04	1.18E-06	8.43E-07	1.28E-05	8.02E-06	4.79E-05	7.59E-07	1.73E-05	2.36E-03	2.18E-04	2.81E-03
1517	NG_213	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.857	8.28E-03	1.74E-02	2.39E-01	1.26E-02	4.52E-06	1.82E-02	2.66E-03	8.30E-04	1.62E-11	4.32E-04	1.16E-06	8.29E-07	1.26E-05	7.90E-06	4.71E-05	7.47E-07	1.70E-05	2.32E-03	2.15E-04	2.77E-03
1518	NG_214	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.857	8.06E-03	1.69E-02	2.32E-01	1.22E-02	4.40E-06	1.78E-02	2.59E-03	8.07E-04	1.58E-11	4.20E-04	1.12E-06	8.06E-07	1.23E-05	7.68E-06	4.58E-05	7.27E-07	1.65E-05	2.26E-03	2.09E-04	2.69E-03
1519	NG_215	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.857	7.74E-03	1.63E-02	2.23E-01	1.17E-02	4.22E-06	1.72E-02	2.49E-03	7.76E-04	1.52E-11	4.03E-04	1.08E-06	7.73E-07	1.18E-05	7.38E-06	4.40E-05	6.98E-07	1.59E-05	2.17E-03	2.01E-04	2.59E-03
1522	NG_218	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6366.857	7.01E-03	1.47E-02	2.02E-01	1.05E-02	3.82E-06	1.58E-02	2.25E-03	7.02E-04	1.37E-11	3.65E-04	9.76E-07	6.97E-07	1.07E-05	6.68E-06	3.99E-05	6.32E-07	1.44E-05	1.97E-03	1.82E-04	2.34E-03
1523	NG_219	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.857	6.77E-03	1.42E-02	1.95E-01	1.01E-02	3.69E-06	1.53E-02	2.18E-03	6.79E-04	1.33E-11	3.53E-04	9.42E-07	6.71E-07	1.03E-05	6.45E-06	3.85E-05	6.11E-07	1.39E-05	1.90E-03	1.76E-04	2.26E-03
1524	NG_220	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.857	6.55E-03	1.38E-02	1.89E-01	9.76E-03	3.56E-06	1.48E-02	2.10E-03	6.56E-04	1.28E-11	3.41E-04	9.09E-07	6.46E-07	9.99E-06	6.23E-06	3.72E-05	5.90E-07	1.34E-05	1.84E-03	1.70E-04	2.19E-03
1525	NG_221	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.857	6.42E-03	1.35E-02	1.85E-01	9.54E-03	3.49E-06	1.45E-02	2.06E-03	6.43E-04	1.26E-11	3.34E-04	8.89E-07	6.29E-07	9.79E-06	6.10E-06	3.65E-05	5.78E-07	1.32E-05	1.80E-03	1.66E-04	2.14E-03
1526	NG_222	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.857	6.44E-03	1.35E-02	1.85E-01	9.54E-03	3.50E-06	1.45E-02	2.07E-03	6.46E-04	1.26E-11	3.35E-04	8.91E-07	6.28E-07	9.82E-06	6.12E-06	3.66E-05	5.80E-07	1.32E-05	1.81E-03	1.67E-04	2.15E-03
1527	NG_223	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.857	6.57E-03	1.38E-02	1.89E-01	9.68E-03	3.57E-06	1.47E-02	2.11E-03	6.59E-04	1.29E-11	3.42E-04	9.08E-07	6.37E-07	1.00E-05	6.24E-06	3.74E-05	5.92E-07	1.35E-05	1.84E-03	1.71E-04	2.20E-03
1528	NG_224	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.857	6.93E-03	1.46E-02	1.99E-01	1.01E-02	3.76E-06	1.53E-02	2.23E-03	6.95E-04	1.36E-11	3.61E-04	9.55E-07	6.68E-07	1.06E-05	6.57E-06	3.94E-05	6.24E-07	1.42E-05	1.94E-03	1.80E-04	2.32E-03
1529	NG_225	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.857	7.63E-03	1.60E-02	2.19E-01	1.11E-02	4.14E-06	1.66E-02	2.45E-03	7.65E-04	1.50E-11	3.97E-04	1.05E-06	7.32E-07	1.16E-05	7.23E-06	4.34E-05	6.86E-07	1.57E-05	2.14E-03	1.98E-04	2.55E-03
1530	NG_226	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.857	8.64E-03	1.81E-02	2.48E-01	1.25E-02	4.68E-06	1.86E-02	2.77E-03	8.66E-04	1.69E-11	4.50E-04	1.19E-06	8.26E-07	1.32E-05	8.19E-06	4.91E-05	7.77E-07	1.77E-05	2.42E-03	2.24E-04	2.89E-03
1531	NG_227	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.857	9.83E-03	2.06E-02	2.83E-01	1.43E-02	5.33E-06	2.09E-02	3.16E-03	9.86E-04	1.93E-11	5.12E-04	1.35E-06	9.38E-07	1.50E-05	9.32E-06	5.59E-05	8.84E-07	2.02E-05	2.76E-03	2.55E-04	3.28E-03
1532	NG_228	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.857	1.09E-02	2.29E-02	3.13E-01	1.59E-02	5.90E-06	2.29E-02	3.50E-03	1.09E-03	2.14E-11	5.67E-04	1.49E-06	1.04E-06	1.66E-05	1.03E-05	6.20E-05	9.80E-07	2.24E-05	3.06E-03	2.83E-04	3.64E-03
1533	NG_229	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.857	1.18E-02	2.47E-02	3.39E-01	1.72E-02	6.38E-06	2.44E-02	3.78E-03	1.18E-03	2.31E-11	6.13E-04	1.61E-06	1.12E-06	1.80E-05	1.12E-05	6.70E-05	1.06E-06	2.42E-05	3.30E-03	3.06E-04	3.94E-03
1534	NG_230	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.857	1.28E-02	2.70E-02	3.69E-01	1.88E-02	6.95E-06	2.61E-02	4.12E-03	1.29E-03	2.52E-11	6.68E-04	1.76E-06	1.22E-06	1.96E-05	1.22E-05	7.30E-05	1.15E-06	2.64E-05	3.60E-03	3.33E-04	4.29E-03
1535	NG_231	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.857	1.43E-02	2.99E-02	4.10E-01	2.10E-02	7.72E-06	2.85E-02	4.58E-03	1.43E-03	2.80E-11	7.42E-04	1.95E-06	1.35E-06	2.17E-05	1.35E-05	8.11E-05	1.28E-06	2.93E-05	4.00E-03	3.70E-04	4.76E-03
1536	NG_232	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.857	1.59E-02	3.33E-02	4.56E-01	2.33E-02	8.58E-06	3.11E-02	5.09E-03	1.59E-03	3.11E-11	8.25E-04	2.17E-06	1.50E-06	2.42E-05	1.50E-05	9.02E-05	1.42E-06	3.26E-05	4.44E-03	4.11E-04	5.30E-03
1537	NG_233	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.857	1.76E-02	3.69E-02	5.05E-01	2.57E-02	9.51E-06	3.36E-02	5.64E-03	1.76E-03	3.45E-11	9.14E-04	2.41E-06	1.67E-06	2.68E-05	1.66E-05	9.99E-05	1.58E-06	3.61E-05	4.93E-03	4.56E-04	5.87E-03
1538	NG_234	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.857	1.95E-02	4.09E-02	5.60E-01	2.83E-02	1.06E-05	3.63E-02	6.26E-03	1.95E-03	3.82E-11	1.01E-03	2.67E-06	1.85E-06	2.97E-05	1.84E-05	1.11E-04	1.75E-06	4.00E-05	5.46E-03	5.06E-04	6.51E-03
1539	NG_235	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.857	2.15E-02	4.51E-02	6.18E-01	3.10E-02	1.16E-05	3.90E-02	6.89E-03	2.15E-03	4.21E-11	1.12E-03	2.94E-06	2.04E-06	3.27E-05	2.03E-05	1.22E-04	1.93E-06	4.41E-05	6.02E-03	5.57E-04	7.17E-03
1540	NG_236	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.857	2.35E-02	4.93E-02	6.76E-01	3.39E-02	1.27E-05	4.20E-02	7.55E-03	2.36E-03	4.61E-11	1.22E-03	3.22E-06	2.23E-06	3.58E-05	2.23E-05	1.34E-04	2.11E-06	4.83E-05	6.59E-03	6.10E-04	7.85E-03
1541	NG_237	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.857	2.56E-02	5.38E-02	7.38E-01	3.70E-02	1.39E-05	4.54E-02	8.24E-03	2.57E-03	5.03E-11	1.33E-03	3.52E-06	2.44E-06	3.91E-05	2.43E-05	1.46E-04	2.31E-06	5.27E-05	7.19E-03	6.65E-04	8.57E-03
1542	NG_238	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.857	2.71E-02	5.70E-02	7.81E-01	3.92E-02	1.47E-05	4.77E-02	8.71E-03	2.72E-03	5.32E-11	1.41E-03	3.72E-06	2.58E-06	4.14E-05	2.57E-05	1.54E-04	2.44E-06	5.58E-05	7.61E-03	7.04E-04	9.07E-03
1543	NG_239	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.857	2.81E-02	5.90E-02	8.08E-01	4.07E-02	1.52E-05	4.91E-02	9.02E-03	2.82E-03	5.51E-11	1.46E-03	3.85E-06	2.67E-06	4.28E-05	2.66E-05	1.60E-04	2.53E-06	5.77E-05	7.88E-03	7.29E-04	9.38E-03
1544	NG_240	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.857	2.88E-02	6.06E-02	8.30E-01	4.19E-02	1.56E-05	5.03E-02	9.26E-03	2.89E-03	5.66E-11	1.50E-03	3.96E-06	2.75E-06	4.40E-05	2.73E-05	1.64E-04	2.59E-06	5.93E-05	8.09E-03	7.48E-04	9.64E-03
1545	NG_241	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.857	2.94E-02	6.18E-02	8.47E-01	4.30E-02	1.59E-05	5.14E-02	9.45E-03	2.95E-03	5.77E-11	1.53E-03	4.04E-06	2.80E-06	4.49E-05	2.79E-05	1.67E-04	2.65E-06	6.05E-05	8.25E-03	7.64E-04	9.83E-03
1546	NG_242	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.857	2.92E-02	6.14E-02	8.42E-01	4.29E-02	1.58E-05	5.09E-02	9.39E-03	2.93E-03	5.74E-11	1.52E-03	4.01E-06	2.78E-06	4.46E-05	2.77E-05	1.66E-04	2.63E-06	6.01E-05	8.20E-03	7.59E-04	9.77E-03
1547	NG_243	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.857	2.86E-02	6.01E-02	8.24E-01	4.21E-02	1.55E-05	4.97E-02	9.20E-03	2.87E-03	5.62E-11	1.49E-03	3.93E-06	2.73E-06	4.37E-05	2.71E-05	1.63E-04	2.57E-06	5.88E-05	8.03E-03	7.43E-04	9.57E-03
1548	NG_244	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.857	2.75E-02	5.77E-02	7.92E-01	4.05E-02	1.49E-05	4.75E-02	8.83E-03	2.76E-03	5.39E-11	1.43E-03	3.77E-06	2.62E-06	4.19E-05	2.61E-05	1.56E-04	2.47E-06	5.65E-05	7.71E-03	7.14E-04	9.19E-03
1549	NG_245	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.857	2.57E-02	5.40E-02	7.41E-01	3.79E-02	1.39E-05	4.42E-02	8.27E-03	2.58E-03	5.05E-11	1.34E-03	3.53E-06	2.45E-06	3.92E-05	2.44E-05	1.46E-04	2.31E-06	5.29E-05	7.22E-03	6.68E-04	8.60E-03
1550	NG_246	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.857	2.44E-02	5.12E-02	7.02E-01	3.59E-02	1.32E-05	4.17E-02	7.83E-03	2.44E-03	4.78E-11	1.27E-03	3.34E-06	2.32E-06	3.72E-05	2.31E-05	1.39E-04	2.19E-06	5.01E-05	6.84E-03	6.33E-04	8.15E-03
1553	NG_249	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6366.907	9.58E-03	2.01E-02	2.76E-01	1.43E-02	5.23E-06	1.98E-02	3.08E-03	9.60E-04	1.88E-11	5.00E-04	1.34E-06	9.60E-07	1.46E-05	9.14E-06	5.45E-05	8.64E-07	1.96E-05	2.69E-03	2.48E-04	3.20E-03
1554	NG_250	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6366.907	9.74E-03	2.04E-02	2.81E-01	1.46E-02	5.31E-06	2.03E-02	3.13E-03	9.76E-04	1.91E-11	5.08E-04	1.36E-06	9.76E-07	1.49E-05	9.28E-06	5.54E-05	8.78E-07	2.00E-05	2.73E-03	2.52E-04	3.25E-03
1555	NG_251	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.907	9.77E-03	2.05E-02	2.82E-01	1.47E-02	5.33E-06	2.07E-02	3.14E-03	9.79E-04	1.92E-11	5.09E-04	1.36E-06	9.79E-07	1.49E-05	9.32E-06	5.56E-05	8.82E-07	2.00E-05	2.74E-03	2.53E-04	3.27E-03
1556	NG_252	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.907	9.63E-03	2.02E-02	2.77E-01	1.45E-02	5.26E-06	2.06E-02	3.10E-03	9.65E-04	1.89E-11	5.02E-04	1.35E-06	9.65E-07	1.47E-05	9.18E-06	5.48E-05	8.69E-07	1.98E-05	2.70E-03	2.50E-04	3.22E-03
1557	NG_253	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.907	9.59E-03	2.01E-02	2.76E-01	1.45E-02	5.23E-06	2.08E-02	3.08E-03	9.61E-04	1.88E-11	5.00E-04	1.34E-06	9.60E-07	1.46E-05	9.14E-06	5.45E-05	8.65E-07	1.97E-05	2.69E-03	2.49E-04	3.20E-03
1558	NG_254	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.907	9.53E-03	2.00E-02	2.75E-01	1.44E-02	5.20E-06	2.10E-02	3.06E-03	9.55E-04	1.87E-11	4.97E-04	1.33E-06	9.54E-07	1.45E-05	9.09E-06	5.42E-05	8.60E-07	1.95E-05	2.67E-03	2.47E-04	3.19E-03
1559	NG_255	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.907	9.31E-03	1.96E-02	2.68E-01	1.41E-02	5.08E-06	2.08E-02	2.99E-03	9.33E-04	1.83E-11	4.86E-04	1.30E-06	9.32E-07	1.42E-05	8.88E-06	5.30E-05	8.40E-07	1.91E-05	2.61E-03	2.42E-04	3.11E-03
1560	NG_256	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.907	8.90E-03	1.87E-02	2.56E-01	1.35E-02	4.85E-06	2.00E-02	2.86E-03	8.92E-04	1.75E-11	4.64E-04	1.24E-06	8.89E-07	1.36E-05	8.48E-06	5.06E-05	8.03E-07	1.82E-05	2.49E-03	2.31E-04	2.97E-03
1562	NG_258	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6366.907	8.29E-03	1.74E-02	2.39E-01	1.25E-02	4.52E-06	1.89E-02	2.66E-03	8.30E-04	1.63E-11	4.32E-04	1.16E-06	8.26E-07	1.26E-05	7.90E-06	4.71E-05	7.47E-07	1.70E-05	2.32E-03	2.15E-04	2.77E-03
1563	NG_259	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6366.907	8.00E-03	1.68E-02	2.30E-01	1.21E-02	4.36E-06	1.83E-02	2.57E-03	8.02E-04	1.57E-11	4.17E-04	1.11E-06	7.96E-07	1.22E-05	7.62E-06	4.55E-05	7.22E-07	1.64E-05	2.24E-03	2.08E-04	2.67E-03
1564	NG_260	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.907	7.67E-03	1.61E-02	2.21E-01	1.15E-02	4.18E-06	1.76E-02	2.47E-03	7.69E-04	1.50E-11	4.00E-04	1.07E-06	7.61E-07	1.17E-05	7.31E-06	4.36E-05	6.92E-07	1.57E-05	2.15E-03	1.99E-04	2.56E-03
1565	NG_261	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.907	7.43E-03	1.56E-02	2.14E-01	1.11E-02	4.04E-06	1.70E-02	2.39E-03	7.44E-04	1.46E-11	3.87E-04	1.03E-06	7.33E-07	1.13E-05	7.07E-06	4.22E-05	6.69E-07	1.52E-05	2.08E-03	1.93E-04	2.48E-03
1566	NG_262	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.907	7.31E-03	1.54E-02	2.10E-01	1.09E-02	3.98E-06	1.68E-02	2.35E-03	7.33E-04	1.43E-11	3.81E-04	1.01E-06	7.18E-07	1.12E-05	6.95E-06	4.16E-05	6.59E-07	1.50E-05	2.05E-03	1.90E-04	2.44E-03
1567	NG_263	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.907	7.27E-03	1.53E-02	2.09E-01	1.08E-02	3.95E-06	1.66E-02	2.34E-03	7.29E-04	1.43E-11	3.79E-04	1.01E-06	7.10E-07	1.11E-05	6.91E-06	4.13E-05	6.55E-07	1.49E-05	2.04E-03	1.89E-04	2.43E-03
1568	NG_264	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.907	7.37E-03	1.55E-02	2.12E-01	1.09E-02	4.00E-06	1.67E-02	2.37E-03	7.39E-04	1.45E-11	3.84E-04	1.02E-06	7.15E-07	1.12E-05	7.00E-06	4.19E-05	6.64E-07	1.51E-05	2.07E-03	1.91E-04	2.46E-03
1569	NG_265	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.907	7.75E-03	1.63E-02	2.23E-01	1.13E-02	4.20E-06	1.73E-02	2.49E-03	7.77E-04	1.52E-11	4.03E-04	1.07E-06	7.47E-07	1.18E-05	7.35E-06	4.41E-05	6.97E-07	1.59E-05	2.17E-03	2.01E-04	2.59E-03
1570	NG_266	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.907	8.57E-03	1.80E-02	2.47E-01	1.25E-02	4.65E-06	1.89E-02	2.75E-03	8.59E-04	1.68E-11	4.46E-04	1.18E-06	8.23E-07	1.31E-05	8.13E-06	4.87E-05	7.71E-07	1.76E-05	2.40E-03	2.22E-04	2.86E-03
1571	NG_267	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.907	9.80E-03	2.06E-02	2.82E-01	1.42E-02	5.32E-06	2.14E-02	3.15E-03	9.83E-04	1.92E-11	5.10E-04	1.35E-06	9.38E-07	1.49E-05	9.29E-06	5.58E-05	8.82E-07	2.01E-05	2.75E-03	2.54E-04	3.28E-03
1572	NG_268	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.907	1.13E-02	2.37E-02	3.24E-01	1.64E-02	6.12E-06	2.43E-02	3.63E-03	1.13E-03	2.21E-11	5.87E-04	1.55E-06	1.08E-06	1.72E-05	1.07E-05	6.42E-05	1.02E-06	2.32E-05	3.16E-03	2.93E-04	3.77E-03
1573	NG_269	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.907	1.25E-02	2.63E-02	3.60E-01	1.83E-02	6.79E-06	2.67E-02	4.03E-03	1.26E-03	2.46E-11	6.52E-04	1.72E-06	1.19E-06	1.91E-05	1.19E-05	7.13E-05	1.13E-06	2.58E-05	3.51E-03	3.25E-04	4.19E-03
1574	NG_270	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.907	1.36E-02	2.86E-02	3.91E-01	2.00E-02	7.38E-06	2.85E-02	4.37E-03	1.37E-03	2.67E-11	7.09E-04	1.87E-06	1.29E-06	2.08E-05	1.29E-05	7.74E-05	1.22E-06	2.80E-05	3.82E-03	3.53E-04	4.55E-03
1575	NG_271	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.907	1.49E-02	3.13E-02	4.29E-01	2.19E-02	8.07E-06	3.06E-02	4.79E-03	1.49E-03	2.92E-11	7.76E-04	2.04E-06	1.41E-06	2.27E-05	1.41E-05	8.48E-05	1.34E-06	3.06E-05	4.18E-03	3.87E-04	4.98E-03
1576	NG_272	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.907	1.68E-02	3.53E-02	4.83E-01	2.47E-02	9.09E-06	3.38E-02	5.39E-03	1.68E-03	3.29E-11	8.74E-04	2.30E-06	1.59E-06	2.56E-05	1.59E-05	9.55E-05	1.51E-06	3.45E-05	4.71E-03	4.36E-04	5.61E-03
1577	NG_273	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.907	1.88E-02	3.95E-02	5.40E-01	2.75E-02	1.02E-05	3.68E-02	6.04E-03	1.88E-03	3.69E-11	9.78E-04	2.57E-06	1.78E-06	2.86E-05	1.78E-05	1.07E-04	1.69E-06	3.86E-05	5.27E-03	4.88E-04	6.28E-03
1578	NG_274	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.907	2.08E-02	4.38E-02	5.99E-01	3.03E-02	1.13E-05	3.97E-02	6.69E-03	2.09E-03	4.09E-11	1.08E-03	2.85E-06	1.98E-06	3.18E-05	1.97E-05	1.19E-04	1.87E-06	4.28E-05	5.84E-03	5.41E-04	6.96E-03
1579	NG_275	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.907	2.30E-02	4.84E-02	6.63E-01	3.33E-02	1.25E-05	4.28E-02	7.40E-03	2.31E-03	4.52E-11	1.20E-03	3.16E-06	2.19E-06	3.51E-05	2.18E-05	1.31E-04	2.07E-06	4.74E-05	6.46E-03	5.98E-04	7.70E-03
1580	NG_276	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.907	2.53E-02	5.31E-02	7.28E-01	3.64E-02	1.37E-05	4.61E-02	8.13E-03	2.54E-03	4.96E-11	1.32E-03	3.47E-06	2.40E-06	3.86E-05	2.40E-05	1.44E-04	2.27E-06	5.20E-05	7.09E-03	6.57E-04	8.45E-03
1581	NG_277	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.907	2.77E-02	5.82E-02	7.98E-01	3.99E-02	1.50E-05	4.98E-02	8.91E-03	2.78E-03	5.44E-11	1.44E-03	3.80E-06	2.64E-06	4.23E-05	2.63E-05	1.58E-04	2.49E-06	5.70E-05	7.77E-03	7.20E-04	9.26E-03
1582	NG_278	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.907	2.98E-02	6.27E-02	8.58E-01	4.31E-02	1.62E-05	5.33E-02	9.58E-03	2.99E-03	5.85E-11	1.55E-03	4.09E-06	2.84E-06	4.55E-05	2.83E-05	1.70E-04	2.68E-06	6.13E-05	8.37E-03	7.74E-04	9.97E-03
1583	NG_279	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.907	3.11E-02	6.53E-02	8.95E-01	4.50E-02	1.69E-05	5.53E-02	9.99E-03	3.12E-03	6.10E-11	1.62E-03	4.27E-06	2.96E-06	4.74E-05	2.95E-05	1.77E-04	2.80E-06	6.39E-05	8.72E-03	8.07E-04	1.04E-02
1584	NG_280	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.907	3.14E-02	6.59E-02	9.03E-01	4.56E-02	1.70E-05	5.55E-02	1.01E-02	3.15E-03	6.16E-11	1.63E-03	4.30E-06	2.99E-06	4.78E-05	2.97E-05	1.78E-04	2.82E-06	6.45E-05	8.80E-03	8.15E-04	1.05E-02
1589	NG_285	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.907	2.91E-02	6.12E-02	8.39E-01	4.30E-02	1.58E-05	5.12E-02	9.36E-03	2.92E-03	5.72E-11	1.52E-03	4.00E-06	2.77E-06	4.44E-05	2.76E-05	1.66E-04	2.62E-06	5.99E-05	8.17E-03	7.56E-04	9.74E-03
1590	NG_286	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.907	2.72E-02	5.70E-02	7.82E-01	4.01E-02	1.47E-05	4.74E-02	8.73E-03	2.72E-03	5.33E-11	1.41E-03	3.73E-06	2.59E-06	4.14E-05	2.57E-05	1.54E-04	2.44E-06	5.58E-05	7.62E-03	7.05E-04	9.08E-03
1591	NG_287	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.907	2.52E-02	5.30E-02	7.27E-01	3.73E-02	1.37E-05	4.39E-02	8.11E-03	2.53E-03	4.95E-11	1.31E-03	3.46E-06	2.40E-06	3.85E-05	2.39E-05	1.44E-04	2.27E-06	5.19E-05	7.08E-03	6.55E-04	8.43E-03
1594	NG_290	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6366.957	1.03E-02	2.16E-02	2.96E-01	1.53E-02	5.61E-06	2.13E-02	3.30E-03	1.03E-03	2.02E-11	5.36E-04	1.44E-06	1.03E-06	1.57E-05	9.80E-06	5.84E-05	9.27E-07	2.11E-05	2.88E-03	2.67E-04	3.43E-03
1595	NG_291	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6366.957	1.06E-02	2.22E-02	3.05E-01	1.58E-02	5.77E-06	2.21E-02	3.40E-03	1.06E-03	2.07E-11	5.52E-04	1.48E-06	1.06E-06	1.61E-05	1.01E-05	6.02E-05	9.55E-07	2.17E-05	2.97E-03	2.74E-04	3.54E-03
1596	NG_292	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.957	1.08E-02	2.26E-02	3.10E-01	1.61E-02	5.88E-06	2.28E-02	3.46E-03	1.08E-03	2.11E-11	5.62E-04	1.50E-06	1.08E-06	1.64E-05	1.03E-05	6.13E-05	9.72E-07	2.21E-05	3.02E-03	2.79E-04	3.60E-03
1597	NG_293	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.957	1.09E-02	2.29E-02	3.14E-01	1.64E-02	5.95E-06	2.34E-02	3.50E-03	1.09E-03	2.14E-11	5.68E-04	1.52E-06	1.09E-06	1.66E-05	1.04E-05	6.20E-05	9.83E-07	2.23E-05	3.06E-03	2.83E-04	3.64E-03
1598	NG_294	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.957	1.10E-02	2.30E-02	3.16E-01	1.65E-02	5.98E-06	2.39E-02	3.52E-03	1.10E-03	2.15E-11	5.72E-04	1.53E-06	1.10E-06	1.67E-05	1.05E-05	6.23E-05	9.89E-07	2.25E-05	3.07E-03	2.84E-04	3.66E-03
1599	NG_295	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.957	1.10E-02	2.30E-02	3.16E-01	1.66E-02	5.98E-06	2.43E-02	3.52E-03	1.10E-03	2.15E-11	5.72E-04	1.53E-06	1.10E-06	1.67E-05	1.05E-05	6.24E-05	9.89E-07	2.25E-05	3.07E-03	2.84E-04	3.66E-03
1600	NG_296	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.957	1.08E-02	2.26E-02	3.09E-01	1.63E-02	5.86E-06	2.42E-02	3.45E-03	1.08E-03	2.11E-11	5.60E-04	1.50E-06	1.08E-06	1.64E-05	1.02E-05	6.11E-05	9.70E-07	2.20E-05	3.01E-03	2.79E-04	3.59E-03
1601	NG_297	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.957	1.04E-02	2.18E-02	2.98E-01	1.57E-02	5.65E-06	2.35E-02	3.33E-03	1.04E-03	2.03E-11	5.40E-04	1.45E-06	1.04E-06	1.58E-05	9.87E-06	5.89E-05	9.34E-07	2.12E-05	2.90E-03	2.69E-04	3.46E-03
1602	NG_298	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6366.957	9.97E-03	2.09E-02	2.87E-01	1.52E-02	5.44E-06	2.29E-02	3.20E-03	9.99E-04	1.95E-11	5.20E-04	1.39E-06	9.95E-07	1.52E-05	9.50E-06	5.67E-05	8.99E-07	2.04E-05	2.79E-03	2.58E-04	3.33E-03
1603	NG_299	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6366.957	9.59E-03	2.01E-02	2.76E-01	1.46E-02	5.23E-06	2.22E-02	3.08E-03	9.61E-04	1.88E-11	5.00E-04	1.34E-06	9.56E-07	1.46E-05	9.14E-06	5.45E-05	8.65E-07	1.97E-05	2.69E-03	2.49E-04	3.20E-03
1604	NG_300	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6366.957	9.22E-03	1.94E-02	2.65E-01	1.39E-02	5.02E-06	2.14E-02	2.96E-03	9.24E-04	1.81E-11	4.80E-04	1.28E-06	9.17E-07	1.41E-05	8.78E-06	5.24E-05	8.31E-07	1.89E-05	2.58E-03	2.39E-04	3.08E-03
1605	NG_301	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.957	8.84E-03	1.86E-02	2.54E-01	1.33E-02	4.82E-06	2.06E-02	2.84E-03	8.86E-04	1.73E-11	4.61E-04	1.23E-06	8.77E-07	1.35E-05	8.42E-06	5.03E-05	7.97E-07	1.81E-05	2.48E-03	2.29E-04	2.95E-03
1606	NG_302	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.957	8.52E-03	1.79E-02	2.45E-01	1.27E-02	4.64E-06	1.98E-02	2.74E-03	8.54E-04	1.67E-11	4.44E-04	1.18E-06	8.42E-07	1.30E-05	8.11E-06	4.84E-05	7.68E-07	1.75E-05	2.39E-03	2.21E-04	2.85E-03
1607	NG_303	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.957	8.28E-03	1.74E-02	2.38E-01	1.23E-02	4.51E-06	1.92E-02	2.66E-03	8.30E-04	1.62E-11	4.31E-04	1.15E-06	8.14E-07	1.26E-05	7.87E-06	4.71E-05	7.46E-07	1.70E-05	2.32E-03	2.15E-04	2.77E-03
1608	NG_304	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.957	8.13E-03	1.71E-02	2.34E-01	1.21E-02	4.42E-06	1.88E-02	2.61E-03	8.15E-04	1.59E-11	4.24E-04	1.13E-06	7.95E-07	1.24E-05	7.73E-06	4.62E-05	7.32E-07	1.67E-05	2.28E-03	2.11E-04	2.72E-03
1609	NG_305	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.957	8.17E-03	1.72E-02	2.35E-01	1.20E-02	4.44E-06	1.87E-02	2.62E-03	8.19E-04	1.60E-11	4.26E-04	1.13E-06	7.93E-07	1.25E-05	7.76E-06	4.65E-05	7.36E-07	1.68E-05	2.29E-03	2.12E-04	2.73E-03

AQIA DATA - SCENARIO 1 COMMERCIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.24E-01**	**2.60E-01**	**3.55E+00**	**1.99E-01**	**6.74E-05**	**3.58E-01**	**3.98E-02**	**1.24E-02**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**3.47E-02**	**3.21E-03**	**4.14E-02**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1610	NG_306	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.957	8.60E-03	1.81E-02	2.47E-01	1.26E-02	4.67E-06	1.95E-02	2.76E-03	8.63E-04	1.69E-11	4.48E-04	1.19E-06	8.31E-07	1.31E-05	8.17E-06	4.89E-05	7.74E-07	1.77E-05	2.41E-03	2.23E-04	2.88E-03
1611	NG_307	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.957	9.58E-03	2.01E-02	2.75E-01	1.39E-02	5.20E-06	2.14E-02	3.08E-03	9.60E-04	1.88E-11	4.99E-04	1.32E-06	9.20E-07	1.46E-05	9.08E-06	5.45E-05	8.62E-07	1.97E-05	2.69E-03	2.49E-04	3.20E-03
1612	NG_308	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.957	1.10E-02	2.31E-02	3.16E-01	1.60E-02	5.96E-06	2.42E-02	3.53E-03	1.10E-03	2.16E-11	5.73E-04	1.51E-06	1.05E-06	1.68E-05	1.04E-05	6.26E-05	9.89E-07	2.26E-05	3.08E-03	2.85E-04	3.68E-03
1613	NG_309	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.957	1.27E-02	2.66E-02	3.64E-01	1.85E-02	6.87E-06	2.76E-02	4.07E-03	1.27E-03	2.49E-11	6.60E-04	1.74E-06	1.21E-06	1.93E-05	1.20E-05	7.21E-05	1.14E-06	2.61E-05	3.56E-03	3.29E-04	4.24E-03
1614	NG_310	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.957	1.43E-02	3.00E-02	4.10E-01	2.09E-02	7.73E-06	3.07E-02	4.59E-03	1.43E-03	2.80E-11	7.43E-04	1.96E-06	1.36E-06	2.18E-05	1.35E-05	8.12E-05	1.28E-06	2.93E-05	4.00E-03	3.71E-04	4.77E-03
1615	NG_311	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.957	1.59E-02	3.33E-02	4.56E-01	2.33E-02	8.59E-06	3.36E-02	5.10E-03	1.59E-03	3.11E-11	8.26E-04	2.17E-06	1.51E-06	2.42E-05	1.50E-05	9.02E-05	1.43E-06	3.26E-05	4.45E-03	4.12E-04	5.30E-03
1616	NG_312	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.957	1.78E-02	3.73E-02	5.11E-01	2.62E-02	9.63E-06	3.68E-02	5.71E-03	1.78E-03	3.49E-11	9.26E-04	2.44E-06	1.69E-06	2.71E-05	1.68E-05	1.01E-04	1.60E-06	3.66E-05	4.99E-03	4.62E-04	5.94E-03
1617	NG_313	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.957	2.01E-02	4.23E-02	5.79E-01	2.95E-02	1.09E-05	4.06E-02	6.47E-03	2.02E-03	3.95E-11	1.05E-03	2.76E-06	1.91E-06	3.07E-05	1.91E-05	1.15E-04	1.81E-06	4.14E-05	5.65E-03	5.23E-04	6.73E-03
1618	NG_314	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.957	2.27E-02	4.77E-02	6.52E-01	3.31E-02	1.23E-05	4.45E-02	7.29E-03	2.28E-03	4.45E-11	1.18E-03	3.11E-06	2.15E-06	3.46E-05	2.15E-05	1.29E-04	2.04E-06	4.66E-05	6.36E-03	5.89E-04	7.58E-03
1619	NG_315	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.957	2.53E-02	5.31E-02	7.27E-01	3.66E-02	1.37E-05	4.82E-02	8.13E-03	2.54E-03	4.96E-11	1.32E-03	3.47E-06	2.40E-06	3.86E-05	2.40E-05	1.44E-04	2.27E-06	5.20E-05	7.09E-03	6.57E-04	8.45E-03
1632	NG_328	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.957	2.63E-02	5.52E-02	7.57E-01	3.89E-02	1.42E-05	4.65E-02	8.45E-03	2.64E-03	5.16E-11	1.37E-03	3.61E-06	2.50E-06	4.01E-05	2.49E-05	1.50E-04	2.36E-06	5.40E-05	7.37E-03	6.83E-04	8.79E-03
1635	NG_331	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.007	1.08E-02	2.26E-02	3.11E-01	1.61E-02	5.88E-06	2.24E-02	3.46E-03	1.08E-03	2.11E-11	5.62E-04	1.50E-06	1.08E-06	1.65E-05	1.03E-05	6.13E-05	9.73E-07	2.21E-05	3.02E-03	2.80E-04	3.60E-03
1636	NG_332	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.007	1.14E-02	2.39E-02	3.27E-01	1.70E-02	6.20E-06	2.39E-02	3.65E-03	1.14E-03	2.23E-11	5.93E-04	1.59E-06	1.14E-06	1.74E-05	1.08E-05	6.47E-05	1.03E-06	2.33E-05	3.19E-03	2.95E-04	3.80E-03
1637	NG_333	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.007	1.18E-02	2.48E-02	3.40E-01	1.77E-02	6.45E-06	2.52E-02	3.80E-03	1.19E-03	2.32E-11	6.16E-04	1.65E-06	1.18E-06	1.80E-05	1.13E-05	6.72E-05	1.07E-06	2.42E-05	3.32E-03	3.07E-04	3.95E-03
1638	NG_334	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.007	1.22E-02	2.57E-02	3.52E-01	1.83E-02	6.67E-06	2.64E-02	3.93E-03	1.22E-03	2.40E-11	6.37E-04	1.71E-06	1.22E-06	1.86E-05	1.16E-05	6.95E-05	1.10E-06	2.50E-05	3.43E-03	3.17E-04	4.08E-03
1639	NG_335	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.007	1.25E-02	2.62E-02	3.59E-01	1.88E-02	6.80E-06	2.73E-02	4.01E-03	1.25E-03	2.45E-11	6.50E-04	1.74E-06	1.25E-06	1.90E-05	1.19E-05	7.09E-05	1.13E-06	2.56E-05	3.50E-03	3.23E-04	4.17E-03
1640	NG_336	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.007	1.27E-02	2.67E-02	3.65E-01	1.92E-02	6.92E-06	2.83E-02	4.08E-03	1.27E-03	2.49E-11	6.62E-04	1.77E-06	1.27E-06	1.94E-05	1.21E-05	7.22E-05	1.15E-06	2.60E-05	3.56E-03	3.29E-04	4.24E-03
1641	NG_337	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.007	1.26E-02	2.64E-02	3.62E-01	1.91E-02	6.87E-06	2.85E-02	4.04E-03	1.26E-03	2.47E-11	6.56E-04	1.76E-06	1.26E-06	1.92E-05	1.20E-05	7.16E-05	1.14E-06	2.58E-05	3.53E-03	3.26E-04	4.21E-03
1642	NG_338	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.007	1.23E-02	2.59E-02	3.55E-01	1.88E-02	6.73E-06	2.84E-02	3.96E-03	1.24E-03	2.42E-11	6.43E-04	1.72E-06	1.23E-06	1.88E-05	1.18E-05	7.01E-05	1.11E-06	2.53E-05	3.46E-03	3.20E-04	4.12E-03
1643	NG_339	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.007	1.18E-02	2.48E-02	3.40E-01	1.80E-02	6.45E-06	2.75E-02	3.80E-03	1.19E-03	2.32E-11	6.16E-04	1.65E-06	1.18E-06	1.80E-05	1.13E-05	6.72E-05	1.07E-06	2.42E-05	3.32E-03	3.07E-04	3.95E-03
1644	NG_340	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.007	1.14E-02	2.38E-02	3.27E-01	1.73E-02	6.19E-06	2.66E-02	3.65E-03	1.14E-03	2.23E-11	5.92E-04	1.58E-06	1.13E-06	1.73E-05	1.08E-05	6.45E-05	1.02E-06	2.33E-05	3.18E-03	2.94E-04	3.79E-03
1645	NG_341	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.007	1.08E-02	2.27E-02	3.11E-01	1.64E-02	5.90E-06	2.55E-02	3.48E-03	1.08E-03	2.12E-11	5.64E-04	1.51E-06	1.08E-06	1.65E-05	1.03E-05	6.15E-05	9.76E-07	2.22E-05	3.03E-03	2.81E-04	3.62E-03
1646	NG_342	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.007	1.04E-02	2.18E-02	2.98E-01	1.57E-02	5.65E-06	2.45E-02	3.33E-03	1.04E-03	2.03E-11	5.41E-04	1.44E-06	1.03E-06	1.58E-05	9.88E-06	5.90E-05	9.35E-07	2.13E-05	2.91E-03	2.69E-04	3.47E-03
1647	NG_343	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.007	9.87E-03	2.07E-02	2.84E-01	1.48E-02	5.38E-06	2.33E-02	3.17E-03	9.89E-04	1.94E-11	5.14E-04	1.37E-06	9.77E-07	1.51E-05	9.40E-06	5.61E-05	8.90E-07	2.02E-05	2.77E-03	2.56E-04	3.30E-03
1648	NG_344	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.007	9.45E-03	1.99E-02	2.72E-01	1.41E-02	5.15E-06	2.23E-02	3.04E-03	9.48E-04	1.85E-11	4.93E-04	1.31E-06	9.31E-07	1.44E-05	8.99E-06	5.38E-05	8.52E-07	1.94E-05	2.65E-03	2.45E-04	3.16E-03
1649	NG_345	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.007	9.13E-03	1.92E-02	2.63E-01	1.36E-02	4.96E-06	2.14E-02	2.93E-03	9.15E-04	1.79E-11	4.76E-04	1.26E-06	8.94E-07	1.39E-05	8.68E-06	5.19E-05	8.22E-07	1.87E-05	2.56E-03	2.37E-04	3.05E-03
1650	NG_346	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.007	9.16E-03	1.92E-02	2.63E-01	1.35E-02	4.98E-06	2.13E-02	2.94E-03	9.18E-04	1.80E-11	4.77E-04	1.27E-06	8.90E-07	1.40E-05	8.70E-06	5.21E-05	8.25E-07	1.88E-05	2.57E-03	2.38E-04	3.06E-03
1651	NG_347	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.007	9.66E-03	2.03E-02	2.78E-01	1.42E-02	5.25E-06	2.22E-02	3.10E-03	9.69E-04	1.90E-11	5.03E-04	1.33E-06	9.33E-07	1.47E-05	9.17E-06	5.49E-05	8.70E-07	1.98E-05	2.71E-03	2.51E-04	3.23E-03
1652	NG_348	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.007	1.08E-02	2.26E-02	3.10E-01	1.57E-02	5.85E-06	2.44E-02	3.46E-03	1.08E-03	2.11E-11	5.61E-04	1.48E-06	1.04E-06	1.64E-05	1.02E-05	6.13E-05	9.70E-07	2.21E-05	3.02E-03	2.80E-04	3.60E-03
1653	NG_349	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.007	1.25E-02	2.62E-02	3.59E-01	1.82E-02	6.77E-06	2.78E-02	4.01E-03	1.25E-03	2.45E-11	6.50E-04	1.72E-06	1.19E-06	1.90E-05	1.18E-05	7.10E-05	1.12E-06	2.57E-05	3.50E-03	3.24E-04	4.17E-03
1654	NG_350	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.007	1.45E-02	3.04E-02	4.15E-01	2.11E-02	7.83E-06	3.18E-02	4.64E-03	1.45E-03	2.84E-11	7.52E-04	1.98E-06	1.38E-06	2.20E-05	1.37E-05	8.22E-05	1.30E-06	2.97E-05	4.05E-03	3.75E-04	4.83E-03
1655	NG_351	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.007	1.65E-02	3.47E-02	4.75E-01	2.43E-02	8.95E-06	3.59E-02	5.31E-03	1.66E-03	3.24E-11	8.60E-04	2.27E-06	1.57E-06	2.52E-05	1.57E-05	9.40E-05	1.49E-06	3.40E-05	4.63E-03	4.29E-04	5.52E-03
1656	NG_352	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.007	1.87E-02	3.92E-02	5.37E-01	2.75E-02	1.01E-05	3.98E-02	6.00E-03	1.87E-03	3.67E-11	9.72E-04	2.56E-06	1.77E-06	2.85E-05	1.77E-05	1.06E-04	1.68E-06	3.84E-05	5.24E-03	4.85E-04	6.24E-03
1657	NG_353	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.007	2.13E-02	4.48E-02	6.13E-01	3.14E-02	1.15E-05	4.44E-02	6.85E-03	2.14E-03	4.18E-11	1.11E-03	2.92E-06	2.02E-06	3.25E-05	2.02E-05	1.21E-04	1.92E-06	4.38E-05	5.98E-03	5.54E-04	7.13E-03
1658	NG_354	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.007	2.44E-02	5.12E-02	7.01E-01	3.56E-02	1.32E-05	4.92E-02	7.84E-03	2.45E-03	4.79E-11	1.27E-03	3.34E-06	2.31E-06	3.72E-05	2.31E-05	1.39E-04	2.19E-06	5.02E-05	6.84E-03	6.33E-04	8.15E-03
1677	NG_373	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.057	1.19E-02	2.50E-02	3.43E-01	1.78E-02	6.49E-06	2.51E-02	3.82E-03	1.19E-03	2.33E-11	6.21E-04	1.66E-06	1.19E-06	1.82E-05	1.13E-05	6.77E-05	1.07E-06	2.44E-05	3.34E-03	3.09E-04	3.98E-03
1678	NG_374	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.057	1.27E-02	2.67E-02	3.65E-01	1.90E-02	6.93E-06	2.71E-02	4.08E-03	1.27E-03	2.49E-11	6.62E-04	1.77E-06	1.27E-06	1.94E-05	1.21E-05	7.22E-05	1.15E-06	2.60E-05	3.56E-03	3.29E-04	4.24E-03
1679	NG_375	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.057	1.33E-02	2.80E-02	3.84E-01	2.00E-02	7.28E-06	2.89E-02	4.29E-03	1.34E-03	2.62E-11	6.95E-04	1.86E-06	1.33E-06	2.04E-05	1.27E-05	7.59E-05	1.20E-06	2.74E-05	3.74E-03	3.46E-04	4.46E-03
1680	NG_376	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.057	1.39E-02	2.93E-02	4.01E-01	2.10E-02	7.61E-06	3.06E-02	4.48E-03	1.40E-03	2.73E-11	7.27E-04	1.95E-06	1.39E-06	2.13E-05	1.33E-05	7.93E-05	1.26E-06	2.86E-05	3.91E-03	3.62E-04	4.66E-03
1681	NG_377	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.057	1.45E-02	3.04E-02	4.17E-01	2.19E-02	7.90E-06	3.25E-02	4.65E-03	1.45E-03	2.84E-11	7.55E-04	2.02E-06	1.45E-06	2.21E-05	1.38E-05	8.24E-05	1.31E-06	2.97E-05	4.06E-03	3.76E-04	4.84E-03
1682	NG_378	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.057	1.48E-02	3.11E-02	4.26E-01	2.26E-02	8.08E-06	3.39E-02	4.76E-03	1.48E-03	2.90E-11	7.72E-04	2.07E-06	1.48E-06	2.26E-05	1.41E-05	8.42E-05	1.34E-06	3.04E-05	4.15E-03	3.84E-04	4.95E-03
1683	NG_379	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.057	1.47E-02	3.09E-02	4.23E-01	2.25E-02	8.02E-06	3.42E-02	4.72E-03	1.47E-03	2.88E-11	7.67E-04	2.05E-06	1.47E-06	2.24E-05	1.40E-05	8.36E-05	1.33E-06	3.02E-05	4.12E-03	3.81E-04	4.91E-03
1684	NG_380	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.057	1.42E-02	2.99E-02	4.10E-01	2.18E-02	7.77E-06	3.35E-02	4.58E-03	1.43E-03	2.79E-11	7.42E-04	1.99E-06	1.42E-06	2.17E-05	1.36E-05	8.10E-05	1.28E-06	2.92E-05	3.99E-03	3.69E-04	4.76E-03
1685	NG_381	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.057	1.36E-02	2.86E-02	3.91E-01	2.08E-02	7.42E-06	3.23E-02	4.37E-03	1.36E-03	2.67E-11	7.09E-04	1.90E-06	1.36E-06	2.08E-05	1.30E-05	7.73E-05	1.23E-06	2.79E-05	3.81E-03	3.53E-04	4.54E-03
1686	NG_382	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.057	1.29E-02	2.72E-02	3.72E-01	1.98E-02	7.06E-06	3.10E-02	4.16E-03	1.30E-03	2.54E-11	6.75E-04	1.80E-06	1.29E-06	1.98E-05	1.23E-05	7.36E-05	1.17E-06	2.65E-05	3.63E-03	3.36E-04	4.33E-03
1687	NG_383	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.057	1.22E-02	2.57E-02	3.52E-01	1.86E-02	6.67E-06	2.94E-02	3.93E-03	1.23E-03	2.40E-11	6.38E-04	1.70E-06	1.22E-06	1.87E-05	1.17E-05	6.96E-05	1.10E-06	2.51E-05	3.43E-03	3.17E-04	4.09E-03
1688	NG_384	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.057	1.15E-02	2.42E-02	3.32E-01	1.74E-02	6.28E-06	2.76E-02	3.70E-03	1.16E-03	2.26E-11	6.01E-04	1.60E-06	1.14E-06	1.76E-05	1.10E-05	6.56E-05	1.04E-06	2.37E-05	3.23E-03	2.99E-04	3.85E-03
1689	NG_385	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.057	1.09E-02	2.30E-02	3.15E-01	1.64E-02	5.96E-06	2.62E-02	3.52E-03	1.10E-03	2.15E-11	5.70E-04	1.52E-06	1.08E-06	1.67E-05	1.04E-05	6.22E-05	9.86E-07	2.24E-05	3.07E-03	2.84E-04	3.66E-03
1690	NG_386	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.057	1.05E-02	2.21E-02	3.03E-01	1.57E-02	5.72E-06	2.50E-02	3.38E-03	1.06E-03	2.06E-11	5.48E-04	1.46E-06	1.03E-06	1.61E-05	1.00E-05	5.98E-05	9.48E-07	2.16E-05	2.95E-03	2.73E-04	3.52E-03
1691	NG_387	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.057	1.04E-02	2.19E-02	3.00E-01	1.54E-02	5.67E-06	2.46E-02	3.35E-03	1.05E-03	2.04E-11	5.43E-04	1.44E-06	1.01E-06	1.59E-05	9.90E-06	5.93E-05	9.39E-07	2.14E-05	2.92E-03	2.70E-04	3.48E-03
1692	NG_388	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.057	1.10E-02	2.30E-02	3.15E-01	1.61E-02	5.96E-06	2.56E-02	3.52E-03	1.10E-03	2.15E-11	5.71E-04	1.51E-06	1.06E-06	1.67E-05	1.04E-05	6.24E-05	9.88E-07	2.25E-05	3.08E-03	2.85E-04	3.67E-03
1693	NG_389	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.057	1.24E-02	2.60E-02	3.56E-01	1.81E-02	6.72E-06	2.84E-02	3.98E-03	1.24E-03	2.43E-11	6.45E-04	1.70E-06	1.19E-06	1.89E-05	1.17E-05	7.04E-05	1.11E-06	2.54E-05	3.47E-03	3.21E-04	4.14E-03
1694	NG_390	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.057	1.46E-02	3.06E-02	4.18E-01	2.12E-02	7.89E-06	3.29E-02	4.68E-03	1.46E-03	2.86E-11	7.58E-04	2.00E-06	1.39E-06	2.22E-05	1.38E-05	8.28E-05	1.31E-06	2.99E-05	4.08E-03	3.78E-04	4.87E-03
1695	NG_391	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.057	1.72E-02	3.60E-02	4.93E-01	2.51E-02	9.30E-06	3.83E-02	5.51E-03	1.72E-03	3.37E-11	8.93E-04	2.36E-06	1.64E-06	2.62E-05	1.63E-05	9.76E-05	1.54E-06	3.53E-05	4.81E-03	4.46E-04	5.74E-03
1696	NG_392	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.057	1.98E-02	4.16E-02	5.69E-01	2.92E-02	1.07E-05	4.36E-02	6.37E-03	1.99E-03	3.89E-11	1.03E-03	2.72E-06	1.88E-06	3.02E-05	1.88E-05	1.13E-04	1.78E-06	4.08E-05	5.56E-03	5.15E-04	6.63E-03
1697	NG_393	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.057	2.27E-02	4.76E-02	6.52E-01	3.34E-02	1.23E-05	4.87E-02	7.29E-03	2.27E-03	4.45E-11	1.18E-03	3.11E-06	2.15E-06	3.46E-05	2.15E-05	1.29E-04	2.04E-06	4.66E-05	6.36E-03	5.89E-04	7.58E-03
1698	NG_394	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.057	2.61E-02	5.48E-02	7.50E-01	3.82E-02	1.41E-05	5.42E-02	8.39E-03	2.62E-03	5.12E-11	1.36E-03	3.58E-06	2.48E-06	3.98E-05	2.47E-05	1.48E-04	2.35E-06	5.37E-05	7.32E-03	6.78E-04	8.72E-03
1699	NG_395	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.057	3.03E-02	6.37E-02	8.71E-01	4.41E-02	1.64E-05	6.09E-02	9.74E-03	3.04E-03	5.95E-11	1.58E-03	4.16E-06	2.88E-06	4.62E-05	2.87E-05	1.72E-04	2.73E-06	6.23E-05	8.50E-03	7.87E-04	1.01E-02
1718	NG_414	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.107	1.22E-02	2.57E-02	3.52E-01	1.84E-02	6.67E-06	2.61E-02	3.93E-03	1.23E-03	2.40E-11	6.37E-04	1.71E-06	1.22E-06	1.87E-05	1.17E-05	6.95E-05	1.10E-06	2.51E-05	3.43E-03	3.17E-04	4.09E-03
1719	NG_415	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.107	1.33E-02	2.78E-02	3.81E-01	1.99E-02	7.23E-06	2.85E-02	4.26E-03	1.33E-03	2.60E-11	6.91E-04	1.85E-06	1.32E-06	2.02E-05	1.26E-05	7.54E-05	1.20E-06	2.72E-05	3.72E-03	3.44E-04	4.43E-03
1720	NG_416	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.107	1.41E-02	2.97E-02	4.07E-01	2.12E-02	7.71E-06	3.06E-02	4.54E-03	1.42E-03	2.77E-11	7.37E-04	1.97E-06	1.41E-06	2.16E-05	1.35E-05	8.03E-05	1.27E-06	2.90E-05	3.96E-03	3.66E-04	4.72E-03
1721	NG_417	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.107	1.51E-02	3.17E-02	4.34E-01	2.27E-02	8.23E-06	3.32E-02	4.85E-03	1.51E-03	2.96E-11	7.86E-04	2.10E-06	1.51E-06	2.30E-05	1.44E-05	8.58E-05	1.36E-06	3.09E-05	4.23E-03	3.91E-04	5.04E-03
1722	NG_418	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.107	1.62E-02	3.40E-02	4.66E-01	2.45E-02	8.83E-06	3.64E-02	5.20E-03	1.62E-03	3.18E-11	8.44E-04	2.26E-06	1.62E-06	2.47E-05	1.54E-05	9.21E-05	1.46E-06	3.32E-05	4.54E-03	4.20E-04	5.41E-03
1723	NG_419	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.107	1.70E-02	3.58E-02	4.90E-01	2.60E-02	9.29E-06	3.91E-02	5.48E-03	1.71E-03	3.34E-11	8.88E-04	2.38E-06	1.70E-06	2.60E-05	1.62E-05	9.69E-05	1.54E-06	3.49E-05	4.78E-03	4.42E-04	5.69E-03
1724	NG_420	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.107	1.73E-02	3.63E-02	4.97E-01	2.64E-02	9.42E-06	4.03E-02	5.55E-03	1.73E-03	3.39E-11	9.01E-04	2.41E-06	1.73E-06	2.64E-05	1.65E-05	9.82E-05	1.56E-06	3.54E-05	4.84E-03	4.48E-04	5.77E-03
1725	NG_421	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.107	1.70E-02	3.56E-02	4.88E-01	2.60E-02	9.25E-06	4.01E-02	5.45E-03	1.70E-03	3.33E-11	8.84E-04	2.37E-06	1.69E-06	2.59E-05	1.62E-05	9.65E-05	1.53E-06	3.48E-05	4.76E-03	4.40E-04	5.67E-03
1726	NG_422	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.107	1.64E-02	3.45E-02	4.72E-01	2.52E-02	8.95E-06	3.93E-02	5.27E-03	1.64E-03	3.22E-11	8.55E-04	2.29E-06	1.64E-06	2.50E-05	1.56E-05	9.33E-05	1.48E-06	3.36E-05	4.60E-03	4.26E-04	5.48E-03
1727	NG_423	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.107	1.56E-02	3.28E-02	4.49E-01	2.39E-02	8.51E-06	3.78E-02	5.02E-03	1.57E-03	3.06E-11	8.14E-04	2.18E-06	1.56E-06	2.38E-05	1.49E-05	8.88E-05	1.41E-06	3.20E-05	4.38E-03	4.05E-04	5.22E-03
1728	NG_424	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.107	1.47E-02	3.08E-02	4.22E-01	2.24E-02	8.01E-06	3.58E-02	4.72E-03	1.47E-03	2.88E-11	7.66E-04	2.05E-06	1.46E-06	2.24E-05	1.40E-05	8.35E-05	1.32E-06	3.01E-05	4.12E-03	3.81E-04	4.91E-03
1729	NG_425	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.107	1.37E-02	2.88E-02	3.94E-01	2.07E-02	7.47E-06	3.34E-02	4.40E-03	1.37E-03	2.69E-11	7.14E-04	1.91E-06	1.36E-06	2.09E-05	1.31E-05	7.80E-05	1.24E-06	2.81E-05	3.84E-03	3.56E-04	4.58E-03
1730	NG_426	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.107	1.29E-02	2.72E-02	3.72E-01	1.94E-02	7.05E-06	3.14E-02	4.16E-03	1.30E-03	2.54E-11	6.74E-04	1.80E-06	1.28E-06	1.97E-05	1.23E-05	7.36E-05	1.17E-06	2.66E-05	3.63E-03	3.36E-04	4.32E-03
1732	NG_428	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.107	1.20E-02	2.53E-02	3.46E-01	1.79E-02	6.55E-06	2.88E-02	3.87E-03	1.21E-03	2.36E-11	6.27E-04	1.67E-06	1.17E-06	1.84E-05	1.14E-05	6.85E-05	1.08E-06	2.47E-05	3.38E-03	3.12E-04	4.02E-03
1733	NG_429	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.107	1.25E-02	2.63E-02	3.60E-01	1.85E-02	6.81E-06	2.96E-02	4.03E-03	1.26E-03	2.46E-11	6.53E-04	1.73E-06	1.21E-06	1.91E-05	1.19E-05	7.13E-05	1.13E-06	2.57E-05	3.51E-03	3.25E-04	4.19E-03
1734	NG_430	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.107	1.43E-02	3.00E-02	4.10E-01	2.09E-02	7.74E-06	3.32E-02	4.58E-03	1.43E-03	2.80E-11	7.43E-04	1.96E-06	1.37E-06	2.18E-05	1.35E-05	8.11E-05	1.28E-06	2.93E-05	4.00E-03	3.70E-04	4.77E-03
1735	NG_431	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.107	1.72E-02	3.60E-02	4.93E-01	2.51E-02	9.31E-06	3.94E-02	5.51E-03	1.72E-03	3.37E-11	8.94E-04	2.36E-06	1.64E-06	2.62E-05	1.63E-05	9.76E-05	1.54E-06	3.53E-05	4.81E-03	4.45E-04	5.74E-03
1736	NG_432	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.107	2.08E-02	4.37E-02	5.97E-01	3.06E-02	1.13E-05	4.71E-02	6.68E-03	2.08E-03	4.08E-11	1.08E-03	2.85E-06	1.98E-06	3.17E-05	1.97E-05	1.18E-04	1.87E-06	4.27E-05	5.83E-03	5.40E-04	6.95E-03
1737	NG_433	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.107	2.46E-02	5.16E-02	7.05E-01	3.63E-02	1.33E-05	5.46E-02	7.89E-03	2.46E-03	4.82E-11	1.28E-03	3.37E-06	2.33E-06	3.75E-05	2.33E-05	1.40E-04	2.21E-06	5.05E-05	6.89E-03	6.38E-04	8.21E-03
1738	NG_434	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.107	2.84E-02	5.96E-02	8.15E-01	4.17E-02	1.54E-05	6.10E-02	9.12E-03	2.85E-03	5.57E-11	1.48E-03	3.89E-06	2.69E-06	4.33E-05	2.69E-05	1.61E-04	2.55E-06	5.83E-05	7.96E-03	7.37E-04	9.48E-03
1739	NG_435	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.107	3.32E-02	6.97E-02	9.54E-01	4.84E-02	1.80E-05	6.88E-02	1.07E-02	3.33E-03	6.51E-11	1.73E-03	4.55E-06	3.15E-06	5.06E-05	3.15E-05	1.89E-04	2.99E-06	6.83E-05	9.31E-03	8.62E-04	1.11E-02
1740	NG_436	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.107	3.88E-02	8.16E-02	1.12E+00	5.61E-02	2.10E-05	7.77E-02	1.25E-02	3.89E-03	7.62E-11	2.02E-03	5.32E-06	3.69E-06	5.92E-05	3.68E-05	2.21E-04	3.49E-06	7.98E-05	1.09E-02	1.01E-03	1.30E-02
1760	NG_456	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.157	1.35E-02	2.83E-02	3.88E-01	2.03E-02	7.35E-06	2.93E-02	4.33E-03	1.35E-03	2.64E-11	7.03E-04	1.88E-06	1.34E-06	2.06E-05	1.29E-05	7.67E-05	1.22E-06	2.77E-05	3.78E-03	3.50E-04	4.51E-03
1761	NG_457	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.157	1.47E-02	3.08E-02	4.22E-01	2.21E-02	8.00E-06	3.21E-02	4.71E-03	1.47E-03	2.88E-11	7.64E-04	2.04E-06	1.46E-06	2.24E-05	1.40E-05	8.34E-05	1.32E-06	3.01E-05	4.11E-03	3.80E-04	4.90E-03
1762	NG_458	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.157	1.60E-02	3.35E-02	4.59E-01	2.40E-02	8.70E-06	3.53E-02	5.13E-03	1.60E-03	3.13E-11	8.32E-04	2.23E-06	1.59E-06	2.44E-05	1.52E-05	9.07E-05	1.44E-06	3.27E-05	4.47E-03	4.14E-04	5.33E-03
1763	NG_459	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.157	1.75E-02	3.67E-02	5.03E-01	2.65E-02	9.53E-06	3.93E-02	5.62E-03	1.75E-03	3.43E-11	9.11E-04	2.44E-06	1.75E-06	2.67E-05	1.67E-05	9.94E-05	1.58E-06	3.58E-05	4.90E-03	4.53E-04	5.84E-03
1764	NG_460	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.157	1.89E-02	3.97E-02	5.43E-01	2.87E-02	1.03E-05	4.33E-02	6.07E-03	1.89E-03	3.70E-11	9.85E-04	2.63E-06	1.89E-06	2.88E-05	1.80E-05	1.07E-04	1.70E-06	3.87E-05	5.30E-03	4.90E-04	6.31E-03

AQIA DATA - SCENARIO 1 COMMERCIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.24E-01**	**2.60E-01**	**3.55E+00**	**1.99E-01**	**6.74E-05**	**3.58E-01**	**3.98E-02**	**1.24E-02**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**3.47E-02**	**3.21E-03**	**4.14E-02**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1765	NG_461	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.157	1.98E-02	4.16E-02	5.69E-01	3.01E-02	1.08E-05	4.60E-02	6.36E-03	1.98E-03	3.88E-11	1.03E-03	2.76E-06	1.98E-06	3.02E-05	1.89E-05	1.13E-04	1.79E-06	4.06E-05	5.55E-03	5.13E-04	6.61E-03
1766	NG_462	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.157	2.00E-02	4.21E-02	5.76E-01	3.06E-02	1.09E-05	4.73E-02	6.44E-03	2.01E-03	3.93E-11	1.04E-03	2.79E-06	2.00E-06	3.06E-05	1.91E-05	1.14E-04	1.81E-06	4.11E-05	5.62E-03	5.20E-04	6.69E-03
1767	NG_463	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.157	1.98E-02	4.15E-02	5.68E-01	3.03E-02	1.08E-05	4.74E-02	6.35E-03	1.98E-03	3.88E-11	1.03E-03	2.76E-06	1.97E-06	3.02E-05	1.88E-05	1.12E-04	1.78E-06	4.05E-05	5.54E-03	5.13E-04	6.61E-03
1768	NG_464	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.157	1.91E-02	4.01E-02	5.49E-01	2.93E-02	1.04E-05	4.65E-02	6.14E-03	1.92E-03	3.75E-11	9.96E-04	2.66E-06	1.90E-06	2.92E-05	1.82E-05	1.09E-04	1.72E-06	3.92E-05	5.36E-03	4.96E-04	6.39E-03
1769	NG_465	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.157	1.80E-02	3.79E-02	5.18E-01	2.76E-02	9.83E-06	4.43E-02	5.80E-03	1.81E-03	3.54E-11	9.40E-04	2.51E-06	1.79E-06	2.75E-05	1.72E-05	1.03E-04	1.63E-06	3.70E-05	5.06E-03	4.68E-04	6.03E-03
1770	NG_466	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.157	1.67E-02	3.52E-02	4.81E-01	2.54E-02	9.12E-06	4.13E-02	5.38E-03	1.68E-03	3.28E-11	8.72E-04	2.33E-06	1.66E-06	2.55E-05	1.59E-05	9.52E-05	1.51E-06	3.43E-05	4.69E-03	4.34E-04	5.59E-03
1771	NG_467	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.157	1.56E-02	3.27E-02	4.48E-01	2.35E-02	8.49E-06	3.84E-02	5.01E-03	1.56E-03	3.06E-11	8.13E-04	2.17E-06	1.54E-06	2.38E-05	1.48E-05	8.87E-05	1.41E-06	3.20E-05	4.37E-03	4.04E-04	5.21E-03
1774	NG_470	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.157	1.45E-02	3.04E-02	4.16E-01	2.14E-02	7.86E-06	3.47E-02	4.65E-03	1.45E-03	2.84E-11	7.54E-04	2.00E-06	1.40E-06	2.21E-05	1.37E-05	8.23E-05	1.30E-06	2.97E-05	4.06E-03	3.76E-04	4.84E-03
1775	NG_471	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.157	1.65E-02	3.46E-02	4.74E-01	2.42E-02	8.95E-06	3.90E-02	5.30E-03	1.65E-03	3.24E-11	8.59E-04	2.27E-06	1.59E-06	2.52E-05	1.56E-05	9.38E-05	1.48E-06	3.39E-05	4.63E-03	4.28E-04	5.51E-03
1776	NG_472	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.157	2.01E-02	4.23E-02	5.78E-01	2.96E-02	1.09E-05	4.68E-02	6.47E-03	2.02E-03	3.95E-11	1.05E-03	2.77E-06	1.93E-06	3.07E-05	1.91E-05	1.15E-04	1.81E-06	4.14E-05	5.65E-03	5.23E-04	6.73E-03
1777	NG_473	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.157	2.50E-02	5.26E-02	7.18E-01	3.70E-02	1.36E-05	5.73E-02	8.04E-03	2.51E-03	4.91E-11	1.30E-03	3.43E-06	2.38E-06	3.82E-05	2.37E-05	1.42E-04	2.25E-06	5.14E-05	7.02E-03	6.50E-04	8.37E-03
1778	NG_474	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.157	3.08E-02	6.47E-02	8.84E-01	4.56E-02	1.67E-05	6.89E-02	9.90E-03	3.09E-03	6.04E-11	1.60E-03	4.22E-06	2.93E-06	4.70E-05	2.92E-05	1.75E-04	2.77E-06	6.33E-05	8.64E-03	8.00E-04	1.03E-02
1779	NG_475	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.157	3.73E-02	7.84E-02	1.07E+00	5.48E-02	2.02E-05	8.04E-02	1.20E-02	3.74E-03	7.32E-11	1.94E-03	5.12E-06	3.54E-06	5.69E-05	3.54E-05	2.12E-04	3.36E-06	7.67E-05	1.05E-02	9.69E-04	1.25E-02
1780	NG_476	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.157	4.47E-02	9.37E-02	1.28E+00	6.48E-02	2.42E-05	9.23E-02	1.43E-02	4.48E-03	8.76E-11	2.32E-03	6.12E-06	4.24E-06	6.81E-05	4.23E-05	2.54E-04	4.01E-06	9.18E-05	1.25E-02	1.16E-03	1.49E-02
1781	NG_477	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.157	5.19E-02	1.09E-01	1.49E+00	7.48E-02	2.81E-05	1.04E-01	1.67E-02	5.21E-03	1.02E-10	2.70E-03	7.11E-06	4.93E-06	7.91E-05	4.92E-05	2.95E-04	4.67E-06	1.07E-04	1.46E-02	1.35E-03	1.73E-02
1801	NG_497	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.207	1.35E-02	2.83E-02	3.88E-01	2.04E-02	7.35E-06	2.98E-02	4.33E-03	1.35E-03	2.64E-11	7.03E-04	1.88E-06	1.34E-06	2.06E-05	1.28E-05	7.67E-05	1.22E-06	2.76E-05	3.78E-03	3.50E-04	4.50E-03
1802	NG_498	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.207	1.49E-02	3.13E-02	4.28E-01	2.26E-02	8.12E-06	3.31E-02	4.79E-03	1.49E-03	2.92E-11	7.76E-04	2.07E-06	1.48E-06	2.27E-05	1.42E-05	8.47E-05	1.34E-06	3.05E-05	4.18E-03	3.86E-04	4.98E-03
1803	NG_499	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.207	1.64E-02	3.45E-02	4.73E-01	2.49E-02	8.96E-06	3.68E-02	5.28E-03	1.65E-03	3.23E-11	8.57E-04	2.29E-06	1.64E-06	2.51E-05	1.57E-05	9.35E-05	1.48E-06	3.37E-05	4.61E-03	4.26E-04	5.49E-03
1804	NG_500	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.207	1.83E-02	3.85E-02	5.27E-01	2.78E-02	1.00E-05	4.14E-02	5.89E-03	1.84E-03	3.60E-11	9.56E-04	2.56E-06	1.83E-06	2.80E-05	1.75E-05	1.04E-04	1.65E-06	3.76E-05	5.14E-03	4.76E-04	6.13E-03
1805	NG_501	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.207	2.03E-02	4.26E-02	5.83E-01	3.07E-02	1.11E-05	4.63E-02	6.51E-03	2.03E-03	3.98E-11	1.06E-03	2.83E-06	2.02E-06	3.09E-05	1.93E-05	1.15E-04	1.83E-06	4.16E-05	5.68E-03	5.26E-04	6.77E-03
1806	NG_502	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.207	2.20E-02	4.62E-02	6.33E-01	3.34E-02	1.20E-05	5.10E-02	7.08E-03	2.21E-03	4.32E-11	1.15E-03	3.07E-06	2.20E-06	3.36E-05	2.10E-05	1.25E-04	1.99E-06	4.52E-05	6.17E-03	5.71E-04	7.36E-03
1807	NG_503	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.207	2.31E-02	4.85E-02	6.63E-01	3.51E-02	1.26E-05	5.42E-02	7.42E-03	2.31E-03	4.53E-11	1.20E-03	3.22E-06	2.30E-06	3.52E-05	2.20E-05	1.31E-04	2.08E-06	4.73E-05	6.47E-03	5.99E-04	7.71E-03
1808	NG_504	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.207	2.37E-02	4.98E-02	6.82E-01	3.62E-02	1.29E-05	5.67E-02	7.62E-03	2.38E-03	4.65E-11	1.24E-03	3.31E-06	2.37E-06	3.62E-05	2.26E-05	1.35E-04	2.14E-06	4.87E-05	6.65E-03	6.15E-04	7.93E-03
1809	NG_505	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.207	2.36E-02	4.95E-02	6.77E-01	3.59E-02	1.28E-05	5.72E-02	7.57E-03	2.36E-03	4.62E-11	1.23E-03	3.28E-06	2.35E-06	3.59E-05	2.24E-05	1.34E-04	2.12E-06	4.83E-05	6.60E-03	6.11E-04	7.87E-03
1810	NG_506	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.207	2.26E-02	4.74E-02	6.48E-01	3.44E-02	1.23E-05	5.55E-02	7.25E-03	2.26E-03	4.42E-11	1.18E-03	3.14E-06	2.24E-06	3.44E-05	2.15E-05	1.28E-04	2.03E-06	4.63E-05	6.32E-03	5.85E-04	7.54E-03
1811	NG_507	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.207	2.09E-02	4.39E-02	6.00E-01	3.18E-02	1.14E-05	5.19E-02	6.72E-03	2.10E-03	4.10E-11	1.09E-03	2.91E-06	2.08E-06	3.19E-05	1.99E-05	1.19E-04	1.89E-06	4.29E-05	5.86E-03	5.42E-04	6.99E-03
1817	NG_513	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.207	2.40E-02	5.05E-02	6.90E-01	3.56E-02	1.30E-05	5.68E-02	7.72E-03	2.41E-03	4.71E-11	1.25E-03	3.30E-06	2.30E-06	3.67E-05	2.28E-05	1.37E-04	2.16E-06	4.94E-05	6.74E-03	6.24E-04	8.03E-03
1818	NG_514	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.207	3.08E-02	6.47E-02	8.84E-01	4.56E-02	1.67E-05	7.10E-02	9.89E-03	3.09E-03	6.04E-11	1.60E-03	4.22E-06	2.93E-06	4.70E-05	2.92E-05	1.75E-04	2.77E-06	6.33E-05	8.64E-03	7.99E-04	1.03E-02
1819	NG_515	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.207	3.99E-02	8.38E-02	1.15E+00	5.89E-02	2.16E-05	8.90E-02	1.28E-02	4.00E-03	7.83E-11	2.08E-03	5.47E-06	3.79E-06	6.09E-05	3.78E-05	2.27E-04	3.59E-06	8.20E-05	1.12E-02	1.04E-03	1.33E-02
1820	NG_516	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.207	5.07E-02	1.06E-01	1.45E+00	7.39E-02	2.74E-05	1.08E-01	1.63E-02	5.08E-03	9.94E-11	2.64E-03	6.94E-06	4.81E-06	7.72E-05	4.80E-05	2.88E-04	4.55E-06	1.04E-04	1.42E-02	1.31E-03	1.69E-02
1821	NG_517	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.207	6.15E-02	1.29E-01	1.77E+00	8.89E-02	3.33E-05	1.27E-01	1.98E-02	6.17E-03	1.21E-10	3.20E-03	8.43E-06	5.84E-06	9.38E-05	5.83E-05	3.50E-04	5.53E-06	1.26E-04	1.73E-02	1.60E-03	2.06E-02
1842	NG_538	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.257	1.33E-02	2.80E-02	3.83E-01	2.04E-02	7.26E-06	3.02E-02	4.28E-03	1.34E-03	2.61E-11	6.95E-04	1.85E-06	1.32E-06	2.03E-05	1.27E-05	7.58E-05	1.20E-06	2.73E-05	3.74E-03	3.46E-04	4.45E-03
1843	NG_539	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.257	1.47E-02	3.10E-02	4.24E-01	2.25E-02	8.03E-06	3.34E-02	4.74E-03	1.48E-03	2.89E-11	7.68E-04	2.05E-06	1.46E-06	2.25E-05	1.40E-05	8.39E-05	1.33E-06	3.02E-05	4.13E-03	3.82E-04	4.93E-03
1844	NG_540	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.257	1.65E-02	3.47E-02	4.75E-01	2.52E-02	9.01E-06	3.76E-02	5.31E-03	1.66E-03	3.24E-11	8.62E-04	2.30E-06	1.64E-06	2.52E-05	1.57E-05	9.40E-05	1.49E-06	3.39E-05	4.64E-03	4.29E-04	5.52E-03
1845	NG_541	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.257	1.87E-02	3.93E-02	5.38E-01	2.84E-02	1.02E-05	4.27E-02	6.01E-03	1.88E-03	3.67E-11	9.76E-04	2.61E-06	1.86E-06	2.86E-05	1.78E-05	1.06E-04	1.69E-06	3.84E-05	5.25E-03	4.86E-04	6.26E-03
1846	NG_542	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.257	2.12E-02	4.44E-02	6.08E-01	3.21E-02	1.15E-05	4.85E-02	6.80E-03	2.12E-03	4.15E-11	1.10E-03	2.95E-06	2.11E-06	3.23E-05	2.02E-05	1.20E-04	1.91E-06	4.34E-05	5.93E-03	5.49E-04	7.07E-03
1847	NG_543	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.257	2.35E-02	4.94E-02	6.76E-01	3.57E-02	1.28E-05	5.44E-02	7.56E-03	2.36E-03	4.62E-11	1.23E-03	3.28E-06	2.35E-06	3.59E-05	2.24E-05	1.34E-04	2.12E-06	4.83E-05	6.60E-03	6.10E-04	7.87E-03
1848	NG_544	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.257	2.59E-02	5.44E-02	7.44E-01	3.92E-02	1.41E-05	6.06E-02	8.32E-03	2.59E-03	5.08E-11	1.35E-03	3.61E-06	2.58E-06	3.95E-05	2.47E-05	1.47E-04	2.33E-06	5.31E-05	7.26E-03	6.71E-04	8.65E-03
1849	NG_545	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.257	2.79E-02	5.86E-02	8.02E-01	4.23E-02	1.52E-05	6.64E-02	8.97E-03	2.80E-03	5.48E-11	1.46E-03	3.89E-06	2.78E-06	4.26E-05	2.66E-05	1.59E-04	2.52E-06	5.73E-05	7.83E-03	7.24E-04	9.33E-03
1850	NG_546	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.257	2.89E-02	6.08E-02	8.31E-01	4.39E-02	1.58E-05	6.98E-02	9.30E-03	2.90E-03	5.68E-11	1.51E-03	4.03E-06	2.88E-06	4.42E-05	2.76E-05	1.65E-04	2.61E-06	5.94E-05	8.12E-03	7.51E-04	9.67E-03
1851	NG_547	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.257	2.86E-02	6.01E-02	8.21E-01	4.35E-02	1.56E-05	7.02E-02	9.19E-03	2.87E-03	5.61E-11	1.49E-03	3.98E-06	2.85E-06	4.37E-05	2.73E-05	1.63E-04	2.58E-06	5.87E-05	8.02E-03	7.42E-04	9.56E-03
1852	NG_548	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.257	2.70E-02	5.66E-02	7.74E-01	4.11E-02	1.47E-05	6.74E-02	8.66E-03	2.70E-03	5.29E-11	1.41E-03	3.75E-06	2.68E-06	4.11E-05	2.57E-05	1.53E-04	2.43E-06	5.53E-05	7.56E-03	6.99E-04	9.01E-03
1859	NG_555	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.257	4.11E-02	8.63E-02	1.18E+00	6.11E-02	2.23E-05	9.56E-02	1.32E-02	4.12E-03	8.06E-11	2.14E-03	5.64E-06	3.91E-06	6.27E-05	3.89E-05	2.34E-04	3.70E-06	8.45E-05	1.15E-02	1.07E-03	1.37E-02
1860	NG_556	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.257	5.62E-02	1.18E-01	1.61E+00	8.26E-02	3.04E-05	1.25E-01	1.80E-02	5.63E-03	1.10E-10	2.92E-03	7.70E-06	5.33E-06	8.56E-05	5.32E-05	3.19E-04	5.05E-06	1.15E-04	1.58E-02	1.46E-03	1.88E-02
1861	NG_557	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.257	7.27E-02	1.53E-01	2.09E+00	1.06E-01	3.94E-05	1.55E-01	2.34E-02	7.29E-03	1.43E-10	3.78E-03	9.96E-06	6.90E-06	1.11E-04	6.89E-05	4.14E-04	6.54E-06	1.49E-04	2.04E-02	1.89E-03	2.43E-02
1862	NG_558	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.257	8.49E-02	1.78E-01	2.43E+00	1.22E-01	4.60E-05	1.74E-01	2.73E-02	8.51E-03	1.66E-10	4.42E-03	1.16E-05	8.06E-06	1.29E-04	8.04E-05	4.83E-04	7.63E-06	1.74E-04	2.38E-02	2.20E-03	2.84E-02
1882	NG_578	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.307	1.20E-02	2.52E-02	3.45E-01	1.86E-02	6.53E-06	2.80E-02	3.86E-03	1.20E-03	2.35E-11	6.25E-04	1.66E-06	1.18E-06	1.83E-05	1.14E-05	6.82E-05	1.08E-06	2.46E-05	3.36E-03	3.11E-04	4.01E-03
1883	NG_579	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.307	1.31E-02	2.76E-02	3.78E-01	2.03E-02	7.15E-06	3.06E-02	4.22E-03	1.32E-03	2.58E-11	6.85E-04	1.82E-06	1.29E-06	2.00E-05	1.25E-05	7.47E-05	1.18E-06	2.70E-05	3.68E-03	3.41E-04	4.39E-03
1884	NG_580	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.307	1.45E-02	3.05E-02	4.17E-01	2.23E-02	7.90E-06	3.37E-02	4.66E-03	1.45E-03	2.85E-11	7.56E-04	2.02E-06	1.43E-06	2.21E-05	1.38E-05	8.25E-05	1.31E-06	2.98E-05	4.07E-03	3.76E-04	4.85E-03
1885	NG_581	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.307	1.64E-02	3.44E-02	4.71E-01	2.51E-02	8.92E-06	3.80E-02	5.26E-03	1.64E-03	3.21E-11	8.53E-04	2.28E-06	1.62E-06	2.50E-05	1.56E-05	9.31E-05	1.48E-06	3.36E-05	4.59E-03	4.25E-04	5.47E-03
1887	NG_583	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.307	2.14E-02	4.50E-02	6.15E-01	3.26E-02	1.17E-05	4.98E-02	6.88E-03	2.15E-03	4.20E-11	1.12E-03	2.98E-06	2.12E-06	3.27E-05	2.04E-05	1.22E-04	1.93E-06	4.39E-05	6.00E-03	5.55E-04	7.15E-03
1888	NG_584	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.307	2.43E-02	5.11E-02	6.99E-01	3.69E-02	1.33E-05	5.67E-02	7.82E-03	2.44E-03	4.77E-11	1.27E-03	3.39E-06	2.42E-06	3.71E-05	2.32E-05	1.38E-04	2.19E-06	4.99E-05	6.82E-03	6.31E-04	8.13E-03
1889	NG_585	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.307	2.79E-02	5.85E-02	8.00E-01	4.22E-02	1.52E-05	6.54E-02	8.96E-03	2.79E-03	5.47E-11	1.45E-03	3.88E-06	2.77E-06	4.25E-05	2.66E-05	1.59E-04	2.51E-06	5.72E-05	7.82E-03	7.23E-04	9.31E-03
1890	NG_586	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.307	3.17E-02	6.65E-02	9.09E-01	4.78E-02	1.73E-05	7.50E-02	1.02E-02	3.17E-03	6.21E-11	1.65E-03	4.41E-06	3.15E-06	4.83E-05	3.02E-05	1.80E-04	2.86E-06	6.50E-05	8.88E-03	8.21E-04	1.06E-02
1891	NG_587	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.307	3.46E-02	7.26E-02	9.93E-01	5.21E-02	1.89E-05	8.27E-02	1.11E-02	3.47E-03	6.78E-11	1.80E-03	4.82E-06	3.44E-06	5.28E-05	3.30E-05	1.97E-04	3.12E-06	7.10E-05	9.70E-03	8.97E-04	1.16E-02
1892	NG_588	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.307	3.59E-02	7.55E-02	1.03E+00	5.44E-02	1.96E-05	8.76E-02	1.15E-02	3.60E-03	7.05E-11	1.87E-03	5.01E-06	3.58E-06	5.48E-05	3.42E-05	2.04E-04	3.24E-06	7.37E-05	1.01E-02	9.32E-04	1.20E-02
1893	NG_589	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.307	3.59E-02	7.53E-02	1.03E+00	5.48E-02	1.95E-05	8.98E-02	1.15E-02	3.59E-03	7.03E-11	1.87E-03	4.99E-06	3.56E-06	5.47E-05	3.42E-05	2.04E-04	3.23E-06	7.35E-05	1.01E-02	9.30E-04	1.20E-02
1900	NG_596	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.307	6.18E-02	1.30E-01	1.77E+00	9.16E-02	3.35E-05	1.44E-01	1.99E-02	6.20E-03	1.21E-10	3.22E-03	8.47E-06	5.86E-06	9.42E-05	5.85E-05	3.51E-04	5.56E-06	1.27E-04	1.73E-02	1.60E-03	2.06E-02
1901	NG_597	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.307	8.77E-02	1.84E-01	2.51E+00	1.28E-01	4.75E-05	1.94E-01	2.82E-02	8.79E-03	1.72E-10	4.56E-03	1.20E-05	8.31E-06	1.34E-04	8.30E-05	4.99E-04	7.88E-06	1.80E-04	2.46E-02	2.28E-03	2.93E-02
1902	NG_598	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.307	1.08E-01	2.28E-01	3.11E+00	1.57E-01	5.87E-05	2.30E-01	3.48E-02	1.09E-02	2.13E-10	5.64E-03	1.48E-05	1.03E-05	1.65E-04	1.03E-04	6.16E-04	9.74E-06	2.23E-04	3.04E-02	2.81E-03	3.62E-02
1903	NG_599	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.307	1.17E-01	2.46E-01	3.36E+00	1.69E-01	6.35E-05	2.41E-01	3.77E-02	1.18E-02	2.30E-10	6.10E-03	1.61E-05	1.11E-05	1.79E-04	1.11E-04	6.67E-04	1.05E-05	2.41E-04	3.29E-02	3.04E-03	3.92E-02
1922	NG_618	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.357	1.09E-02	2.30E-02	3.14E-01	1.71E-02	5.94E-06	2.60E-02	3.51E-03	1.10E-03	2.14E-11	5.69E-04	1.51E-06	1.07E-06	1.67E-05	1.04E-05	6.22E-05	9.85E-07	2.24E-05	3.06E-03	2.84E-04	3.65E-03
1923	NG_619	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.357	1.20E-02	2.51E-02	3.44E-01	1.87E-02	6.51E-06	2.86E-02	3.85E-03	1.20E-03	2.35E-11	6.24E-04	1.66E-06	1.17E-06	1.83E-05	1.14E-05	6.81E-05	1.08E-06	2.46E-05	3.36E-03	3.11E-04	4.00E-03
1924	NG_620	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.357	1.31E-02	2.75E-02	3.77E-01	2.04E-02	7.13E-06	3.13E-02	4.21E-03	1.31E-03	2.57E-11	6.83E-04	1.82E-06	1.29E-06	2.00E-05	1.25E-05	7.46E-05	1.18E-06	2.69E-05	3.68E-03	3.40E-04	4.38E-03
1925	NG_621	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.357	1.45E-02	3.04E-02	4.16E-01	2.24E-02	7.88E-06	3.45E-02	4.65E-03	1.45E-03	2.84E-11	7.55E-04	2.01E-06	1.42E-06	2.21E-05	1.38E-05	8.23E-05	1.30E-06	2.97E-05	4.06E-03	3.76E-04	4.84E-03
1926	NG_622	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.357	1.63E-02	3.43E-02	4.69E-01	2.52E-02	8.89E-06	3.89E-02	5.25E-03	1.64E-03	3.20E-11	8.51E-04	2.27E-06	1.61E-06	2.49E-05	1.55E-05	9.28E-05	1.47E-06	3.35E-05	4.58E-03	4.23E-04	5.46E-03
1927	NG_623	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.357	1.86E-02	3.92E-02	5.36E-01	2.87E-02	1.02E-05	4.44E-02	5.99E-03	1.87E-03	3.66E-11	9.72E-04	2.59E-06	1.84E-06	2.85E-05	1.77E-05	1.06E-04	1.68E-06	3.83E-05	5.23E-03	4.84E-04	6.23E-03
1928	NG_624	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.357	2.13E-02	4.47E-02	6.11E-01	3.25E-02	1.16E-05	5.05E-02	6.83E-03	2.13E-03	4.17E-11	1.11E-03	2.95E-06	2.10E-06	3.24E-05	2.02E-05	1.21E-04	1.92E-06	4.36E-05	5.96E-03	5.52E-04	7.11E-03
1929	NG_625	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.357	2.46E-02	5.16E-02	7.06E-01	3.74E-02	1.34E-05	5.84E-02	7.90E-03	2.46E-03	4.82E-11	1.28E-03	3.42E-06	2.43E-06	3.75E-05	2.34E-05	1.40E-04	2.22E-06	5.04E-05	6.89E-03	6.38E-04	8.21E-03
1930	NG_626	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.357	2.90E-02	6.10E-02	8.33E-01	4.40E-02	1.58E-05	6.90E-02	9.33E-03	2.91E-03	5.69E-11	1.51E-03	4.04E-06	2.88E-06	4.43E-05	2.76E-05	1.65E-04	2.62E-06	5.96E-05	8.14E-03	7.53E-04	9.70E-03
1931	NG_627	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.357	3.42E-02	7.19E-02	9.82E-01	5.16E-02	1.86E-05	8.13E-02	1.10E-02	3.43E-03	6.71E-11	1.78E-03	4.76E-06	3.40E-06	5.22E-05	3.26E-05	1.95E-04	3.09E-06	7.02E-05	9.60E-03	8.88E-04	1.14E-02
1932	NG_628	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.357	3.92E-02	8.23E-02	1.13E+00	5.90E-02	2.14E-05	9.35E-02	1.26E-02	3.93E-03	7.69E-11	2.04E-03	5.46E-06	3.90E-06	5.98E-05	3.73E-05	2.23E-04	3.54E-06	8.04E-05	1.10E-02	1.02E-03	1.31E-02
1933	NG_629	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.357	4.36E-02	9.15E-02	1.25E+00	6.59E-02	2.37E-05	1.06E-01	1.40E-02	4.37E-03	8.55E-11	2.27E-03	6.07E-06	4.33E-06	6.65E-05	4.15E-05	2.48E-04	3.93E-06	8.94E-05	1.22E-02	1.13E-03	1.46E-02
1934	NG_630	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.357	4.76E-02	1.00E-01	1.37E+00	7.28E-02	2.60E-05	1.19E-01	1.53E-02	4.77E-03	9.34E-11	2.48E-03	6.63E-06	4.73E-06	7.27E-05	4.54E-05	2.71E-04	4.29E-06	9.77E-05	1.34E-02	1.24E-03	1.59E-02
1961	NG_657	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.407	9.45E-03	1.98E-02	2.72E-01	1.50E-02	5.14E-06	2.28E-02	3.03E-03	9.47E-04	1.85E-11	4.92E-04	1.31E-06	9.22E-07	1.44E-05	8.98E-06	5.37E-05	8.51E-07	1.94E-05	2.65E-03	2.45E-04	3.16E-03
1962	NG_658	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.407	1.02E-02	2.15E-02	2.95E-01	1.63E-02	5.57E-06	2.49E-02	3.29E-03	1.03E-03	2.01E-11	5.34E-04	1.42E-06	1.00E-06	1.56E-05	9.74E-06	5.82E-05	9.23E-07	2.10E-05	2.87E-03	2.66E-04	3.42E-03
1963	NG_659	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.407	1.11E-02	2.33E-02	3.19E-01	1.76E-02	6.04E-06	2.71E-02	3.57E-03	1.11E-03	2.18E-11	5.79E-04	1.54E-06	1.09E-06	1.69E-05	1.06E-05	6.32E-05	1.00E-06	2.28E-05	3.11E-03	2.88E-04	3.71E-03
1964	NG_660	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.407	1.21E-02	2.54E-02	3.48E-01	1.91E-02	6.59E-06	2.96E-02	3.89E-03	1.21E-03	2.38E-11	6.31E-04	1.68E-06	1.18E-06	1.85E-05	1.15E-05	6.89E-05	1.09E-06	2.49E-05	3.40E-03	3.14E-04	4.05E-03
1965	NG_661	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.407	1.33E-02	2.79E-02	3.81E-01	2.09E-02	7.21E-06	3.24E-02	4.26E-03	1.33E-03	2.60E-11	6.91E-04	1.84E-06	1.30E-06	2.02E-05	1.26E-05	7.54E-05	1.19E-06	2.72E-05	3.72E-03	3.44E-04	4.43E-03
1966	NG_662	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.407	1.47E-02	3.09E-02	4.23E-01	2.31E-02	8.01E-06	3.61E-02	4.73E-03	1.48E-03	2.89E-11	7.67E-04	2.04E-06	1.44E-06	2.25E-05	1.40E-05	8.37E-05	1.33E-06	3.02E-05	4.13E-03	3.82E-04	4.92E-03
1967	NG_663	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.407	1.65E-02	3.47E-02	4.74E-01	2.57E-02	8.99E-06	4.04E-02	5.31E-03	1.66E-03	3.24E-11	8.61E-04	2.29E-06	1.62E-06	2.52E-05	1.57E-05	9.39E-05	1.49E-06	3.39E-05	4.63E-03	4.29E-04	5.52E-03
1968	NG_664	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.407	1.87E-02	3.93E-02	5.37E-01	2.90E-02	1.02E-05	4.56E-02	6.01E-03	1.87E-03	3.67E-11	9.74E-04	2.59E-06	1.83E-06	2.85E-05	1.78E-05	1.06E-04	1.68E-06	3.84E-05	5.24E-03	4.85E-04	6.25E-03
1969	NG_665	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.407	2.13E-02	4.48E-02	6.12E-01	3.29E-02	1.16E-05	5.20E-02	6.85E-03	2.14E-03	4.18E-11	1.11E-03	2.96E-06	2.09E-06	3.25E-05	2.03E-05	1.21E-04	1.92E-06	4.37E-05	5.98E-03	5.53E-04	7.12E-03
1970	NG_666	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.407	2.49E-02	5.23E-02	7.15E-01	3.82E-02	1.36E-05	6.09E-02	8.00E-03	2.50E-03	4.88E-11	1.30E-03	3.46E-06	2.45E-06	3.80E-05	2.37E-05	1.42E-04	2.24E-06	5.11E-05	6.98E-03	6.46E-04	8.32E-03
1971	NG_667	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.407	2.98E-02	6.25E-02	8.54E-01	4.54E-02	1.62E-05	7.25E-02	9.56E-03	2.98E-03	5.84E-11	1.55E-03	4.13E-06	2.93E-06	4.54E-05	2.83E-05	1.69E-04	2.68E-06	6.11E-05	8.34E-03	7.72E-04	9.94E-03

AQIA DATA - SCENARIO 1 COMMERCIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.24E-01**	**2.60E-01**	**3.55E+00**	**1.99E-01**	**6.74E-05**	**3.58E-01**	**3.98E-02**	**1.24E-02**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**3.47E-02**	**3.21E-03**	**4.14E-02**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1972	NG_668	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.407	3.57E-02	7.49E-02	1.02E+00	5.40E-02	1.94E-05	8.62E-02	1.15E-02	3.58E-03	7.00E-11	1.86E-03	4.95E-06	3.52E-06	5.44E-05	3.39E-05	2.03E-04	3.22E-06	7.32E-05	1.00E-02	9.25E-04	1.19E-02
1973	NG_669	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.407	4.21E-02	8.85E-02	1.21E+00	6.36E-02	2.29E-05	1.02E-01	1.35E-02	4.22E-03	8.26E-11	2.20E-03	5.86E-06	4.17E-06	6.43E-05	4.01E-05	2.40E-04	3.80E-06	8.64E-05	1.18E-02	1.09E-03	1.41E-02
1974	NG_670	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.407	5.00E-02	1.05E-01	1.43E+00	7.59E-02	2.72E-05	1.23E-01	1.61E-02	5.01E-03	9.80E-11	2.61E-03	6.95E-06	4.95E-06	7.63E-05	4.76E-05	2.84E-04	4.51E-06	1.03E-04	1.40E-02	1.30E-03	1.67E-02
1975	NG_671	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.407	5.99E-02	1.26E-01	1.72E+00	9.14E-02	3.26E-05	1.50E-01	1.92E-02	6.00E-03	1.17E-10	3.12E-03	8.33E-06	5.94E-06	9.14E-05	5.70E-05	3.40E-04	5.40E-06	1.23E-04	1.68E-02	1.55E-03	2.00E-02
2002	NG_698	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.457	9.58E-03	2.01E-02	2.76E-01	1.54E-02	5.21E-06	2.35E-02	3.08E-03	9.61E-04	1.88E-11	4.99E-04	1.33E-06	9.34E-07	1.46E-05	9.11E-06	5.45E-05	8.63E-07	1.97E-05	2.69E-03	2.49E-04	3.20E-03
2003	NG_699	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.457	1.04E-02	2.18E-02	2.99E-01	1.67E-02	5.65E-06	2.57E-02	3.34E-03	1.04E-03	2.04E-11	5.41E-04	1.44E-06	1.01E-06	1.59E-05	9.88E-06	5.91E-05	9.36E-07	2.13E-05	2.91E-03	2.70E-04	3.47E-03
2004	NG_700	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.457	1.12E-02	2.36E-02	3.23E-01	1.79E-02	6.10E-06	2.77E-02	3.61E-03	1.13E-03	2.20E-11	5.85E-04	1.55E-06	1.10E-06	1.71E-05	1.07E-05	6.38E-05	1.01E-06	2.30E-05	3.15E-03	2.91E-04	3.75E-03
2005	NG_701	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.457	1.22E-02	2.56E-02	3.50E-01	1.93E-02	6.63E-06	3.01E-02	3.92E-03	1.22E-03	2.39E-11	6.35E-04	1.69E-06	1.19E-06	1.86E-05	1.16E-05	6.93E-05	1.10E-06	2.50E-05	3.42E-03	3.16E-04	4.07E-03
2006	NG_702	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.457	1.34E-02	2.82E-02	3.86E-01	2.12E-02	7.30E-06	3.33E-02	4.31E-03	1.35E-03	2.63E-11	6.99E-04	1.86E-06	1.31E-06	2.05E-05	1.28E-05	7.63E-05	1.21E-06	2.76E-05	3.76E-03	3.48E-04	4.48E-03
2007	NG_703	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.457	1.49E-02	3.13E-02	4.29E-01	2.35E-02	8.11E-06	3.72E-02	4.79E-03	1.50E-03	2.93E-11	7.77E-04	2.07E-06	1.46E-06	2.28E-05	1.42E-05	8.49E-05	1.34E-06	3.06E-05	4.18E-03	3.87E-04	4.99E-03
2009	NG_705	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.457	1.88E-02	3.96E-02	5.41E-01	2.93E-02	1.02E-05	4.67E-02	6.05E-03	1.89E-03	3.70E-11	9.82E-04	2.61E-06	1.84E-06	2.87E-05	1.79E-05	1.07E-04	1.70E-06	3.87E-05	5.28E-03	4.89E-04	6.30E-03
2010	NG_706	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.457	2.15E-02	4.52E-02	6.17E-01	3.33E-02	1.17E-05	5.35E-02	6.91E-03	2.16E-03	4.22E-11	1.12E-03	2.98E-06	2.11E-06	3.28E-05	2.04E-05	1.22E-04	1.94E-06	4.41E-05	6.03E-03	5.58E-04	7.19E-03
2011	NG_707	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.457	2.53E-02	5.31E-02	7.25E-01	3.90E-02	1.37E-05	6.32E-02	8.12E-03	2.53E-03	4.96E-11	1.32E-03	3.50E-06	2.48E-06	3.86E-05	2.40E-05	1.44E-04	2.28E-06	5.19E-05	7.09E-03	6.56E-04	8.45E-03
2012	NG_708	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.457	3.04E-02	6.39E-02	8.73E-01	4.66E-02	1.65E-05	7.59E-02	9.77E-03	3.05E-03	5.97E-11	1.58E-03	4.22E-06	2.98E-06	4.64E-05	2.89E-05	1.73E-04	2.74E-06	6.24E-05	8.53E-03	7.89E-04	1.02E-02
2013	NG_709	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.457	3.67E-02	7.70E-02	1.05E+00	5.59E-02	2.00E-05	9.11E-02	1.18E-02	3.68E-03	7.20E-11	1.91E-03	5.09E-06	3.60E-06	5.60E-05	3.49E-05	2.09E-04	3.31E-06	7.53E-05	1.03E-02	9.52E-04	1.23E-02
2014	NG_710	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.457	4.36E-02	9.16E-02	1.25E+00	6.64E-02	2.37E-05	1.09E-01	1.40E-02	4.37E-03	8.55E-11	2.27E-03	6.05E-06	4.29E-06	6.65E-05	4.15E-05	2.48E-04	3.93E-06	8.95E-05	1.22E-02	1.13E-03	1.46E-02
2015	NG_711	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.457	5.38E-02	1.13E-01	1.54E+00	8.24E-02	2.93E-05	1.36E-01	1.73E-02	5.40E-03	1.06E-10	2.80E-03	7.47E-06	5.30E-06	8.21E-05	5.12E-05	3.06E-04	4.85E-06	1.10E-04	1.51E-02	1.40E-03	1.80E-02
2016	NG_712	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.457	6.92E-02	1.45E-01	1.98E+00	1.06E-01	3.76E-05	1.76E-01	2.22E-02	6.93E-03	1.36E-10	3.60E-03	9.60E-06	6.82E-06	1.06E-04	6.58E-05	3.93E-04	6.23E-06	1.42E-04	1.94E-02	1.79E-03	2.31E-02
2043	NG_739	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.507	9.58E-03	2.01E-02	2.76E-01	1.55E-02	5.21E-06	2.37E-02	3.08E-03	9.61E-04	1.88E-11	4.99E-04	1.33E-06	9.33E-07	1.46E-05	9.11E-06	5.45E-05	8.63E-07	1.97E-05	2.69E-03	2.49E-04	3.20E-03
2044	NG_740	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.507	1.04E-02	2.18E-02	2.98E-01	1.67E-02	5.64E-06	2.58E-02	3.33E-03	1.04E-03	2.04E-11	5.40E-04	1.43E-06	1.01E-06	1.58E-05	9.86E-06	5.90E-05	9.34E-07	2.13E-05	2.91E-03	2.69E-04	3.47E-03
2045	NG_741	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.507	1.12E-02	2.36E-02	3.22E-01	1.79E-02	6.10E-06	2.78E-02	3.60E-03	1.12E-03	2.20E-11	5.84E-04	1.55E-06	1.09E-06	1.71E-05	1.07E-05	6.38E-05	1.01E-06	2.30E-05	3.15E-03	2.91E-04	3.75E-03
2046	NG_742	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.507	1.22E-02	2.56E-02	3.51E-01	1.94E-02	6.64E-06	3.03E-02	3.92E-03	1.22E-03	2.39E-11	6.36E-04	1.69E-06	1.19E-06	1.86E-05	1.16E-05	6.94E-05	1.10E-06	2.51E-05	3.42E-03	3.17E-04	4.08E-03
2047	NG_743	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.507	1.34E-02	2.82E-02	3.86E-01	2.12E-02	7.30E-06	3.34E-02	4.31E-03	1.35E-03	2.63E-11	6.99E-04	1.86E-06	1.31E-06	2.05E-05	1.28E-05	7.63E-05	1.21E-06	2.76E-05	3.76E-03	3.48E-04	4.48E-03
2049	NG_745	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.507	1.68E-02	3.52E-02	4.81E-01	2.62E-02	9.11E-06	4.19E-02	5.38E-03	1.68E-03	3.29E-11	8.73E-04	2.32E-06	1.64E-06	2.56E-05	1.59E-05	9.53E-05	1.51E-06	3.44E-05	4.70E-03	4.35E-04	5.60E-03
2050	NG_746	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.507	1.90E-02	3.98E-02	5.44E-01	2.94E-02	1.03E-05	4.74E-02	6.09E-03	1.90E-03	3.72E-11	9.88E-04	2.62E-06	1.85E-06	2.89E-05	1.80E-05	1.08E-04	1.71E-06	3.89E-05	5.32E-03	4.92E-04	6.34E-03
2051	NG_747	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.507	2.17E-02	4.55E-02	6.23E-01	3.35E-02	1.18E-05	5.44E-02	6.97E-03	2.17E-03	4.25E-11	1.13E-03	3.00E-06	2.12E-06	3.31E-05	2.06E-05	1.23E-04	1.95E-06	4.45E-05	6.08E-03	5.63E-04	7.25E-03
2052	NG_748	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.507	2.56E-02	5.38E-02	7.35E-01	3.94E-02	1.39E-05	6.47E-02	8.23E-03	2.57E-03	5.02E-11	1.33E-03	3.54E-06	2.50E-06	3.91E-05	2.43E-05	1.46E-04	2.31E-06	5.25E-05	7.18E-03	6.64E-04	8.55E-03
2053	NG_749	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.507	3.11E-02	6.53E-02	8.92E-01	4.78E-02	1.69E-05	7.88E-02	9.99E-03	3.12E-03	6.10E-11	1.62E-03	4.31E-06	3.04E-06	4.74E-05	2.96E-05	1.77E-04	2.80E-06	6.38E-05	8.72E-03	8.07E-04	1.04E-02
2054	NG_750	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.507	3.75E-02	7.87E-02	1.08E+00	5.73E-02	2.04E-05	9.49E-02	1.20E-02	3.76E-03	7.35E-11	1.95E-03	5.19E-06	3.67E-06	5.72E-05	3.56E-05	2.13E-04	3.38E-06	7.69E-05	1.05E-02	9.73E-04	1.25E-02
2055	NG_751	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.507	4.47E-02	9.37E-02	1.28E+00	6.84E-02	2.43E-05	1.14E-01	1.43E-02	4.48E-03	8.76E-11	2.33E-03	6.18E-06	4.37E-06	6.81E-05	4.24E-05	2.54E-04	4.02E-06	9.16E-05	1.25E-02	1.16E-03	1.49E-02
2056	NG_752	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.507	5.58E-02	1.17E-01	1.60E+00	8.59E-02	3.03E-05	1.45E-01	1.79E-02	5.59E-03	1.09E-10	2.91E-03	7.73E-06	5.47E-06	8.51E-05	5.30E-05	3.17E-04	5.02E-06	1.14E-04	1.56E-02	1.45E-03	1.86E-02
2057	NG_753	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.507	7.37E-02	1.55E-01	2.11E+00	1.14E-01	4.01E-05	1.94E-01	2.37E-02	7.39E-03	1.45E-10	3.84E-03	1.02E-05	7.23E-06	1.12E-04	7.01E-05	4.19E-04	6.64E-06	1.51E-04	2.07E-02	1.91E-03	2.46E-02
2085	NG_781	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.557	1.02E-02	2.15E-02	2.94E-01	1.64E-02	5.57E-06	2.53E-02	3.29E-03	1.03E-03	2.01E-11	5.33E-04	1.42E-06	9.97E-07	1.56E-05	9.73E-06	5.82E-05	9.22E-07	2.10E-05	2.87E-03	2.66E-04	3.42E-03
2086	NG_782	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.557	1.11E-02	2.33E-02	3.19E-01	1.76E-02	6.03E-06	2.74E-02	3.57E-03	1.11E-03	2.18E-11	5.78E-04	1.53E-06	1.08E-06	1.69E-05	1.05E-05	6.31E-05	1.00E-06	2.28E-05	3.11E-03	2.88E-04	3.71E-03
2088	NG_784	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.557	1.33E-02	2.80E-02	3.83E-01	2.10E-02	7.25E-06	3.32E-02	4.29E-03	1.34E-03	2.62E-11	6.95E-04	1.85E-06	1.30E-06	2.04E-05	1.27E-05	7.59E-05	1.20E-06	2.74E-05	3.74E-03	3.46E-04	4.46E-03
2089	NG_785	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.557	1.49E-02	3.12E-02	4.27E-01	2.33E-02	8.08E-06	3.71E-02	4.78E-03	1.49E-03	2.92E-11	7.75E-04	2.06E-06	1.45E-06	2.27E-05	1.41E-05	8.46E-05	1.34E-06	3.05E-05	4.17E-03	3.86E-04	4.97E-03
2090	NG_786	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.557	1.67E-02	3.51E-02	4.80E-01	2.60E-02	9.08E-06	4.18E-02	5.37E-03	1.68E-03	3.28E-11	8.70E-04	2.31E-06	1.63E-06	2.55E-05	1.59E-05	9.50E-05	1.50E-06	3.43E-05	4.69E-03	4.33E-04	5.58E-03
2091	NG_787	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.557	1.90E-02	3.98E-02	5.44E-01	2.93E-02	1.03E-05	4.75E-02	6.09E-03	1.90E-03	3.72E-11	9.87E-04	2.62E-06	1.85E-06	2.89E-05	1.80E-05	1.08E-04	1.71E-06	3.89E-05	5.31E-03	4.92E-04	6.33E-03
2092	NG_788	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.557	2.18E-02	4.57E-02	6.25E-01	3.36E-02	1.18E-05	5.49E-02	7.00E-03	2.18E-03	4.27E-11	1.13E-03	3.01E-06	2.13E-06	3.32E-05	2.07E-05	1.24E-04	1.96E-06	4.47E-05	6.11E-03	5.65E-04	7.28E-03
2093	NG_789	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.557	2.59E-02	5.44E-02	7.43E-01	3.99E-02	1.41E-05	6.59E-02	8.32E-03	2.60E-03	5.08E-11	1.35E-03	3.58E-06	2.53E-06	3.95E-05	2.46E-05	1.47E-04	2.33E-06	5.31E-05	7.26E-03	6.72E-04	8.65E-03
2094	NG_790	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.557	3.15E-02	6.62E-02	9.05E-01	4.85E-02	1.72E-05	8.07E-02	1.01E-02	3.16E-03	6.19E-11	1.64E-03	4.37E-06	3.08E-06	4.81E-05	3.00E-05	1.79E-04	2.84E-06	6.47E-05	8.84E-03	8.18E-04	1.05E-02
2095	NG_791	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.557	3.81E-02	8.00E-02	1.09E+00	5.83E-02	2.07E-05	9.76E-02	1.22E-02	3.82E-03	7.47E-11	1.98E-03	5.27E-06	3.72E-06	5.81E-05	3.62E-05	2.17E-04	3.43E-06	7.82E-05	1.07E-02	9.89E-04	1.27E-02
2096	NG_792	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.557	4.54E-02	9.54E-02	1.30E+00	6.98E-02	2.47E-05	1.18E-01	1.46E-02	4.56E-03	8.91E-11	2.37E-03	6.29E-06	4.44E-06	6.93E-05	4.32E-05	2.58E-04	4.09E-06	9.33E-05	1.27E-02	1.18E-03	1.52E-02
2097	NG_793	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.557	5.69E-02	1.19E-01	1.63E+00	8.80E-02	3.09E-05	1.51E-01	1.83E-02	5.70E-03	1.12E-10	2.96E-03	7.87E-06	5.57E-06	8.67E-05	5.41E-05	3.23E-04	5.12E-06	1.17E-04	1.59E-02	1.48E-03	1.90E-02
2098	NG_794	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.557	7.50E-02	1.58E-01	2.15E+00	1.17E-01	4.08E-05	2.02E-01	2.41E-02	7.52E-03	1.47E-10	3.91E-03	1.04E-05	7.35E-06	1.14E-04	7.13E-05	4.27E-04	6.76E-06	1.54E-04	2.10E-02	1.95E-03	2.51E-02
2099	NG_795	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.557	9.91E-02	2.08E-01	2.84E+00	1.54E-01	5.39E-05	2.69E-01	3.18E-02	9.94E-03	1.94E-10	5.16E-03	1.37E-05	9.71E-06	1.51E-04	9.42E-05	5.64E-04	8.93E-06	2.03E-04	2.78E-02	2.57E-03	3.31E-02
2125	NG_821	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.607	9.34E-03	1.96E-02	2.69E-01	1.49E-02	5.08E-06	2.29E-02	3.00E-03	9.36E-04	1.83E-11	4.86E-04	1.29E-06	9.09E-07	1.42E-05	8.87E-06	5.31E-05	8.41E-07	1.92E-05	2.62E-03	2.42E-04	3.12E-03
2126	NG_822	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.607	1.01E-02	2.13E-02	2.91E-01	1.62E-02	5.50E-06	2.50E-02	3.25E-03	1.02E-03	1.99E-11	5.28E-04	1.40E-06	9.86E-07	1.55E-05	9.62E-06	5.76E-05	9.12E-07	2.08E-05	2.84E-03	2.63E-04	3.38E-03
2127	NG_823	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.607	1.10E-02	2.32E-02	3.17E-01	1.75E-02	5.99E-06	2.73E-02	3.54E-03	1.11E-03	2.16E-11	5.74E-04	1.52E-06	1.07E-06	1.68E-05	1.05E-05	6.27E-05	9.93E-07	2.26E-05	3.09E-03	2.86E-04	3.68E-03
2128	NG_824	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.607	1.21E-02	2.53E-02	3.47E-01	1.90E-02	6.55E-06	2.99E-02	3.88E-03	1.21E-03	2.37E-11	6.28E-04	1.67E-06	1.17E-06	1.84E-05	1.15E-05	6.86E-05	1.09E-06	2.48E-05	3.38E-03	3.13E-04	4.03E-03
2129	NG_825	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.607	1.33E-02	2.78E-02	3.81E-01	2.08E-02	7.21E-06	3.30E-02	4.26E-03	1.33E-03	2.60E-11	6.91E-04	1.83E-06	1.29E-06	2.02E-05	1.26E-05	7.54E-05	1.19E-06	2.72E-05	3.72E-03	3.44E-04	4.43E-03
2130	NG_826	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.607	1.48E-02	3.10E-02	4.24E-01	2.31E-02	8.03E-06	3.69E-02	4.74E-03	1.48E-03	2.90E-11	7.69E-04	2.04E-06	1.44E-06	2.25E-05	1.40E-05	8.40E-05	1.33E-06	3.03E-05	4.14E-03	3.83E-04	4.93E-03
2131	NG_827	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.607	1.67E-02	3.50E-02	4.79E-01	2.59E-02	9.07E-06	4.18E-02	5.36E-03	1.67E-03	3.27E-11	8.69E-04	2.31E-06	1.63E-06	2.54E-05	1.58E-05	9.48E-05	1.50E-06	3.42E-05	4.68E-03	4.33E-04	5.57E-03
2132	NG_828	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.607	1.90E-02	4.00E-02	5.46E-01	2.96E-02	1.03E-05	4.80E-02	6.12E-03	1.91E-03	3.73E-11	9.92E-04	2.63E-06	1.86E-06	2.90E-05	1.81E-05	1.08E-04	1.71E-06	3.91E-05	5.34E-03	4.94E-04	6.36E-03
2133	NG_829	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.607	2.19E-02	4.60E-02	6.29E-01	3.40E-02	1.19E-05	5.57E-02	7.04E-03	2.20E-03	4.30E-11	1.14E-03	3.03E-06	2.14E-06	3.34E-05	2.08E-05	1.25E-04	1.97E-06	4.50E-05	6.15E-03	5.69E-04	7.33E-03
2134	NG_830	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.607	2.60E-02	5.46E-02	7.47E-01	4.03E-02	1.41E-05	6.68E-02	8.36E-03	2.61E-03	5.10E-11	1.36E-03	3.60E-06	2.54E-06	3.97E-05	2.47E-05	1.48E-04	2.34E-06	5.34E-05	7.30E-03	6.75E-04	8.69E-03
2135	NG_831	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.607	3.17E-02	6.65E-02	9.08E-01	4.89E-02	1.72E-05	8.18E-02	1.02E-02	3.17E-03	6.21E-11	1.65E-03	4.38E-06	3.09E-06	4.83E-05	3.01E-05	1.80E-04	2.85E-06	6.50E-05	8.88E-03	8.22E-04	1.06E-02
2136	NG_832	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.607	3.85E-02	8.08E-02	1.10E+00	5.94E-02	2.09E-05	9.99E-02	1.24E-02	3.86E-03	7.54E-11	2.00E-03	5.32E-06	3.76E-06	5.87E-05	3.66E-05	2.19E-04	3.46E-06	7.89E-05	1.08E-02	9.98E-04	1.29E-02
2137	NG_833	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.607	4.60E-02	9.66E-02	1.32E+00	7.14E-02	2.50E-05	1.21E-01	1.48E-02	4.61E-03	9.02E-11	2.40E-03	6.37E-06	4.49E-06	7.02E-05	4.37E-05	2.62E-04	4.14E-06	9.44E-05	1.29E-02	1.19E-03	1.54E-02
2138	NG_834	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.607	5.69E-02	1.19E-01	1.63E+00	8.92E-02	3.09E-05	1.54E-01	1.83E-02	5.70E-03	1.12E-10	2.96E-03	7.88E-06	5.57E-06	8.68E-05	5.41E-05	3.24E-04	5.12E-06	1.17E-04	1.60E-02	1.48E-03	1.90E-02
2139	NG_835	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.607	7.32E-02	1.54E-01	2.10E+00	1.15E-01	3.98E-05	2.02E-01	2.35E-02	7.34E-03	1.44E-10	3.81E-03	1.01E-05	7.17E-06	1.12E-04	6.96E-05	4.16E-04	6.59E-06	1.50E-04	2.05E-02	1.90E-03	2.45E-02
2140	NG_836	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.607	9.39E-02	1.97E-01	2.69E+00	1.49E-01	5.11E-05	2.63E-01	3.02E-02	9.42E-03	1.84E-10	4.89E-03	1.30E-05	9.20E-06	1.43E-04	8.93E-05	5.34E-04	8.46E-06	1.93E-04	2.63E-02	2.44E-03	3.14E-02
2141	NG_837	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.607	1.24E-01	2.60E-01	3.55E+00	1.99E-01	6.74E-05	3.58E-01	3.98E-02	1.24E-02	2.43E-10	6.46E-03	1.72E-05	1.22E-05	1.89E-04	1.18E-04	7.05E-04	1.12E-05	2.54E-04	3.47E-02	3.21E-03	4.14E-02
2166	NG_862	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.657	9.29E-03	1.95E-02	2.67E-01	1.49E-02	5.05E-06	2.29E-02	2.98E-03	9.31E-04	1.82E-11	4.84E-04	1.28E-06	9.03E-07	1.42E-05	8.82E-06	5.28E-05	8.36E-07	1.91E-05	2.60E-03	2.41E-04	3.10E-03
2167	NG_863	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.657	1.01E-02	2.11E-02	2.89E-01	1.60E-02	5.47E-06	2.49E-02	3.23E-03	1.01E-03	1.97E-11	5.24E-04	1.39E-06	9.79E-07	1.54E-05	9.56E-06	5.72E-05	9.06E-07	2.07E-05	2.82E-03	2.61E-04	3.36E-03
2168	NG_864	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.657	1.09E-02	2.30E-02	3.14E-01	1.73E-02	5.94E-06	2.71E-02	3.51E-03	1.10E-03	2.14E-11	5.69E-04	1.51E-06	1.06E-06	1.67E-05	1.04E-05	6.22E-05	9.85E-07	2.24E-05	3.07E-03	2.84E-04	3.65E-03
2169	NG_865	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.657	1.20E-02	2.51E-02	3.44E-01	1.88E-02	6.50E-06	2.96E-02	3.84E-03	1.20E-03	2.35E-11	6.23E-04	1.65E-06	1.16E-06	1.82E-05	1.14E-05	6.80E-05	1.08E-06	2.45E-05	3.35E-03	3.10E-04	4.00E-03
2170	NG_866	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.657	1.32E-02	2.76E-02	3.78E-01	2.06E-02	7.15E-06	3.27E-02	4.23E-03	1.32E-03	2.58E-11	6.85E-04	1.82E-06	1.28E-06	2.01E-05	1.25E-05	7.48E-05	1.18E-06	2.70E-05	3.69E-03	3.41E-04	4.39E-03
2171	NG_867	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.657	1.46E-02	3.07E-02	4.20E-01	2.28E-02	7.95E-06	3.65E-02	4.70E-03	1.47E-03	2.87E-11	7.62E-04	2.02E-06	1.43E-06	2.23E-05	1.39E-05	8.32E-05	1.32E-06	3.00E-05	4.10E-03	3.80E-04	4.89E-03
2172	NG_868	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.657	1.65E-02	3.47E-02	4.74E-01	2.57E-02	8.98E-06	4.14E-02	5.31E-03	1.66E-03	3.24E-11	8.60E-04	2.28E-06	1.61E-06	2.52E-05	1.57E-05	9.39E-05	1.49E-06	3.39E-05	4.63E-03	4.28E-04	5.52E-03
2173	NG_869	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.657	1.89E-02	3.98E-02	5.44E-01	2.95E-02	1.03E-05	4.79E-02	6.08E-03	1.90E-03	3.71E-11	9.86E-04	2.62E-06	1.84E-06	2.89E-05	1.80E-05	1.08E-04	1.71E-06	3.89E-05	5.31E-03	4.91E-04	6.33E-03
2174	NG_870	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.657	2.18E-02	4.59E-02	6.27E-01	3.41E-02	1.19E-05	5.58E-02	7.02E-03	2.19E-03	4.28E-11	1.14E-03	3.02E-06	2.13E-06	3.33E-05	2.08E-05	1.24E-04	1.97E-06	4.48E-05	6.12E-03	5.67E-04	7.30E-03
2175	NG_871	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.657	2.57E-02	5.40E-02	7.38E-01	4.01E-02	1.40E-05	6.63E-02	8.26E-03	2.58E-03	5.04E-11	1.34E-03	3.56E-06	2.51E-06	3.92E-05	2.44E-05	1.46E-04	2.31E-06	5.28E-05	7.21E-03	6.67E-04	8.59E-03
2176	NG_872	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.657	3.11E-02	6.53E-02	8.92E-01	4.85E-02	1.69E-05	8.10E-02	9.98E-03	3.12E-03	6.10E-11	1.62E-03	4.30E-06	3.03E-06	4.74E-05	2.95E-05	1.77E-04	2.80E-06	6.38E-05	8.71E-03	8.06E-04	1.04E-02
2177	NG_873	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.657	3.79E-02	7.95E-02	1.09E+00	5.94E-02	2.06E-05	9.99E-02	1.22E-02	3.80E-03	7.43E-11	1.97E-03	5.24E-06	3.70E-06	5.78E-05	3.60E-05	2.15E-04	3.41E-06	7.78E-05	1.06E-02	9.83E-04	1.27E-02
2178	NG_874	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.657	4.53E-02	9.50E-02	1.30E+00	7.17E-02	2.46E-05	1.22E-01	1.45E-02	4.54E-03	8.88E-11	2.36E-03	6.26E-06	4.42E-06	6.90E-05	4.30E-05	2.57E-04	4.08E-06	9.29E-05	1.27E-02	1.17E-03	1.51E-02
2179	NG_875	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.657	5.44E-02	1.14E-01	1.56E+00	8.72E-02	2.96E-05	1.50E-01	1.75E-02	5.46E-03	1.07E-10	2.84E-03	7.54E-06	5.32E-06	8.30E-05	5.17E-05	3.10E-04	4.90E-06	1.12E-04	1.53E-02	1.41E-03	1.82E-02
2180	NG_876	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.657	6.69E-02	1.40E-01	1.92E+00	1.08E-01	3.64E-05	1.87E-01	2.15E-02	6.71E-03	1.31E-10	3.49E-03	9.27E-06	6.56E-06	1.02E-04	6.36E-05	3.80E-04	6.03E-06	1.37E-04	1.88E-02	1.74E-03	2.24E-02
2181	NG_877	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.657	8.30E-02	1.74E-01	2.38E+00	1.34E-01	4.51E-05	2.36E-01	2.67E-02	8.32E-03	1.63E-10	4.32E-03	1.15E-05	8.15E-06	1.27E-04	7.89E-05	4.72E-04	7.48E-06	1.70E-04	2.33E-02	2.15E-03	2.77E-02
2182	NG_878	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.657	1.05E-01	2.19E-01	2.99E+00	1.70E-01	5.69E-05	3.04E-01	3.36E-02	1.05E-02	2.05E-10	5.44E-03	1.45E-05	1.03E-05	1.59E-04	9.94E-05	5.94E-04	9.42E-06	2.14E-04	2.93E-02	2.71E-03	3.49E-02
2207	NG_903	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.707	9.25E-03	1.94E-02	2.66E-01	1.48E-02	5.03E-06	2.28E-02	2.97E-03	9.28E-04	1.81E-11	4.82E-04	1.28E-06	8.99E-07	1.41E-05	8.79E-06	5.26E-05	8.33E-07	1.90E-05	2.59E-03	2.40E-04	3.09E-03
2208	NG_904	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.707	1.00E-02	2.11E-02	2.88E-01	1.60E-02	5.45E-06	2.48E-02	3.22E-03	1.00E-03	1.97E-11	5.22E-04	1.38E-06	9.74E-07	1.53E-05	9.52E-06	5.70E-05	9.03E-07	2.06E-05	2.81E-03	2.60E-04	3.35E-03
2209	NG_905	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.707	1.09E-02	2.28E-02	3.12E-01	1.72E-02	5.90E-06	2.68E-02	3.49E-03	1.09E-03	2.13E-11	5.65E-04	1.50E-06	1.06E-06	1.66E-05	1.03E-05	6.17E-05	9.77E-07	2.23E-05	3.04E-03	2.82E-04	3.63E-03
2210	NG_906	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.707	1.18E-02	2.48E-02	3.40E-01	1.86E-02	6.43E-06	2.92E-02	3.80E-03	1.19E-03	2.32E-11	6.16E-04	1.63E-06	1.15E-06	1.80E-05	1.12E-05	6.72E-05	1.06E-06	2.43E-05	3.32E-03	3.07E-04	3.95E-03
2211	NG_907	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.707	1.30E-02	2.73E-02	3.74E-01	2.04E-02	7.07E-06	3.23E-02	4.18E-03	1.30E-03	2.55E-11	6.78E-04	1.80E-06	1.27E-06	1.98E-05	1.24E-05	7.40E-05	1.17E-06	2.67E-05	3.65E-03	3.38E-04	4.35E-03

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 1 COMMERCIAL

Annual Average Pollutant Concentration (µg/m3) - Regain Contribution — All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.24E-01**	**2.60E-01**	**3.55E+00**	**1.99E-01**	**6.74E-05**	**3.58E-01**	**3.98E-02**	**1.24E-02**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**3.47E-02**	**3.21E-03**	**4.14E-02**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2212	NG_908	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.707	1.44E-02	3.03E-02	4.14E-01	2.26E-02	7.84E-06	3.59E-02	4.63E-03	1.45E-03	2.83E-11	7.51E-04	1.99E-06	1.40E-06	2.20E-05	1.37E-05	8.20E-05	1.30E-06	2.96E-05	4.04E-03	3.74E-04	4.82E-03
2213	NG_909	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.707	1.63E-02	3.42E-02	4.67E-01	2.55E-02	8.85E-06	4.09E-02	5.23E-03	1.63E-03	3.19E-11	8.48E-04	2.25E-06	1.59E-06	2.48E-05	1.55E-05	9.26E-05	1.47E-06	3.34E-05	4.56E-03	4.22E-04	5.44E-03
2214	NG_910	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.707	1.86E-02	3.91E-02	5.34E-01	2.92E-02	1.01E-05	4.71E-02	5.97E-03	1.86E-03	3.65E-11	9.69E-04	2.57E-06	1.81E-06	2.84E-05	1.77E-05	1.06E-04	1.67E-06	3.82E-05	5.21E-03	4.82E-04	6.21E-03
2215	NG_911	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.707	2.14E-02	4.49E-02	6.14E-01	3.37E-02	1.16E-05	5.49E-02	6.88E-03	2.15E-03	4.20E-11	1.11E-03	2.96E-06	2.09E-06	3.26E-05	2.03E-05	1.22E-04	1.93E-06	4.39E-05	6.00E-03	5.55E-04	7.15E-03
2216	NG_912	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.707	2.48E-02	5.20E-02	7.11E-01	3.90E-02	1.35E-05	6.41E-02	7.96E-03	2.48E-03	4.86E-11	1.29E-03	3.43E-06	2.42E-06	3.78E-05	2.36E-05	1.41E-04	2.23E-06	5.09E-05	6.95E-03	6.43E-04	8.28E-03
2217	NG_913	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.707	2.97E-02	6.23E-02	8.51E-01	4.70E-02	1.61E-05	7.78E-02	9.53E-03	2.97E-03	5.82E-11	1.54E-03	4.10E-06	2.89E-06	4.52E-05	2.82E-05	1.69E-04	2.67E-06	6.09E-05	8.32E-03	7.69E-04	9.91E-03
2218	NG_914	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.707	3.60E-02	7.55E-02	1.03E+00	5.75E-02	1.96E-05	9.61E-02	1.16E-02	3.61E-03	7.05E-11	1.87E-03	4.98E-06	3.51E-06	5.49E-05	3.42E-05	2.05E-04	3.24E-06	7.38E-05	1.01E-02	9.33E-04	1.20E-02
2219	NG_915	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.707	4.26E-02	8.94E-02	1.22E+00	6.89E-02	2.32E-05	1.16E-01	1.37E-02	4.27E-03	8.35E-11	2.22E-03	5.89E-06	4.16E-06	6.50E-05	4.05E-05	2.42E-04	3.84E-06	8.74E-05	1.19E-02	1.11E-03	1.42E-02
2220	NG_916	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.707	4.94E-02	1.04E-01	1.41E+00	8.03E-02	2.68E-05	1.37E-01	1.59E-02	4.95E-03	9.68E-11	2.57E-03	6.83E-06	4.82E-06	7.53E-05	4.69E-05	2.81E-04	4.44E-06	1.01E-04	1.38E-02	1.28E-03	1.65E-02
2221	NG_917	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.707	5.78E-02	1.21E-01	1.66E+00	9.42E-02	3.15E-05	1.63E-01	1.86E-02	5.80E-03	1.13E-10	3.01E-03	8.02E-06	5.67E-06	8.82E-05	5.50E-05	3.29E-04	5.21E-06	1.19E-04	1.62E-02	1.50E-03	1.93E-02
2222	NG_918	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.707	6.98E-02	1.47E-01	2.00E+00	1.13E-01	3.80E-05	1.98E-01	2.24E-02	6.99E-03	1.37E-10	3.64E-03	9.68E-06	6.86E-06	1.06E-04	6.64E-05	3.97E-04	6.29E-06	1.43E-04	1.96E-02	1.81E-03	2.33E-02
2223	NG_919	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.707	8.76E-02	1.84E-01	2.51E+00	1.43E-01	4.77E-05	2.52E-01	2.82E-02	8.78E-03	1.72E-10	4.57E-03	1.22E-05	8.62E-06	1.34E-04	8.34E-05	4.98E-04	7.90E-06	1.80E-04	2.46E-02	2.27E-03	2.93E-02
2248	NG_944	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.757	9.13E-03	1.92E-02	2.63E-01	1.46E-02	4.96E-06	2.24E-02	2.93E-03	9.16E-04	1.79E-11	4.76E-04	1.26E-06	8.87E-07	1.39E-05	8.68E-06	5.19E-05	8.22E-07	1.88E-05	2.56E-03	2.37E-04	3.05E-03
2249	NG_945	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.757	9.87E-03	2.07E-02	2.84E-01	1.58E-02	5.36E-06	2.43E-02	3.17E-03	9.89E-04	1.94E-11	5.14E-04	1.36E-06	9.59E-07	1.51E-05	9.37E-06	5.61E-05	8.89E-07	2.03E-05	2.77E-03	2.56E-04	3.30E-03
2250	NG_946	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.757	1.07E-02	2.24E-02	3.07E-01	1.70E-02	5.81E-06	2.63E-02	3.43E-03	1.07E-03	2.10E-11	5.57E-04	1.48E-06	1.04E-06	1.63E-05	1.01E-05	6.08E-05	9.62E-07	2.19E-05	3.00E-03	2.77E-04	3.57E-03
2251	NG_947	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.757	1.16E-02	2.44E-02	3.34E-01	1.84E-02	6.32E-06	2.87E-02	3.74E-03	1.17E-03	2.28E-11	6.06E-04	1.61E-06	1.13E-06	1.77E-05	1.10E-05	6.61E-05	1.05E-06	2.39E-05	3.26E-03	3.02E-04	3.89E-03
2252	NG_948	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.757	1.28E-02	2.68E-02	3.67E-01	2.02E-02	6.94E-06	3.16E-02	4.10E-03	1.28E-03	2.50E-11	6.65E-04	1.76E-06	1.24E-06	1.95E-05	1.21E-05	7.26E-05	1.15E-06	2.62E-05	3.58E-03	3.31E-04	4.27E-03
2253	NG_949	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.757	1.42E-02	2.97E-02	4.07E-01	2.24E-02	7.70E-06	3.53E-02	4.55E-03	1.42E-03	2.78E-11	7.38E-04	1.96E-06	1.38E-06	2.16E-05	1.35E-05	8.05E-05	1.28E-06	2.91E-05	3.97E-03	3.67E-04	4.73E-03
2254	NG_950	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.757	1.59E-02	3.34E-02	4.56E-01	2.51E-02	8.63E-06	3.99E-02	5.10E-03	1.59E-03	3.12E-11	8.27E-04	2.20E-06	1.55E-06	2.42E-05	1.51E-05	9.03E-05	1.43E-06	3.26E-05	4.45E-03	4.12E-04	5.31E-03
2255	NG_951	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.757	1.80E-02	3.79E-02	5.18E-01	2.86E-02	9.80E-06	4.58E-02	5.80E-03	1.81E-03	3.54E-11	9.40E-04	2.49E-06	1.76E-06	2.75E-05	1.71E-05	1.03E-04	1.62E-06	3.70E-05	5.06E-03	4.68E-04	6.03E-03
2256	NG_952	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.757	2.06E-02	4.33E-02	5.92E-01	3.28E-02	1.12E-05	5.29E-02	6.62E-03	2.07E-03	4.04E-11	1.07E-03	2.85E-06	2.01E-06	3.14E-05	1.96E-05	1.17E-04	1.86E-06	4.23E-05	5.78E-03	5.35E-04	6.89E-03
2257	NG_953	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.757	2.37E-02	4.98E-02	6.80E-01	3.80E-02	1.29E-05	6.17E-02	7.62E-03	2.38E-03	4.65E-11	1.23E-03	3.28E-06	2.31E-06	3.62E-05	2.25E-05	1.35E-04	2.13E-06	4.87E-05	6.65E-03	6.15E-04	7.92E-03
2258	NG_954	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.757	2.78E-02	5.83E-02	7.97E-01	4.47E-02	1.51E-05	7.33E-02	8.92E-03	2.78E-03	5.45E-11	1.45E-03	3.84E-06	2.71E-06	4.24E-05	2.64E-05	1.58E-04	2.50E-06	5.70E-05	7.79E-03	7.20E-04	9.28E-03
2259	NG_955	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.757	3.29E-02	6.91E-02	9.44E-01	5.34E-02	1.79E-05	8.85E-02	1.06E-02	3.30E-03	6.45E-11	1.71E-03	4.55E-06	3.21E-06	5.02E-05	3.13E-05	1.87E-04	2.96E-06	6.75E-05	9.23E-03	8.54E-04	1.10E-02
2260	NG_956	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.757	3.83E-02	8.04E-02	1.10E+00	6.26E-02	2.08E-05	1.04E-01	1.23E-02	3.84E-03	7.51E-11	2.00E-03	5.30E-06	3.74E-06	5.84E-05	3.64E-05	2.18E-04	3.45E-06	7.86E-05	1.07E-02	9.94E-04	1.28E-02
2261	NG_957	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.757	4.33E-02	9.10E-02	1.24E+00	7.10E-02	2.36E-05	1.19E-01	1.39E-02	4.34E-03	8.50E-11	2.26E-03	6.00E-06	4.24E-06	6.61E-05	4.12E-05	2.46E-04	3.90E-06	8.89E-05	1.21E-02	1.12E-03	1.45E-02
2262	NG_958	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.757	4.94E-02	1.04E-01	1.42E+00	8.09E-02	2.69E-05	1.38E-01	1.59E-02	4.95E-03	9.69E-11	2.57E-03	6.85E-06	4.84E-06	7.54E-05	4.70E-05	2.81E-04	4.45E-06	1.01E-04	1.39E-02	1.28E-03	1.65E-02
2263	NG_959	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.757	5.92E-02	1.24E-01	1.70E+00	9.67E-02	3.22E-05	1.66E-01	1.90E-02	5.93E-03	1.16E-10	3.08E-03	8.20E-06	5.81E-06	9.03E-05	5.63E-05	3.36E-04	5.33E-06	1.21E-04	1.66E-02	1.53E-03	1.98E-02
2264	NG_960	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.757	7.39E-02	1.55E-01	2.12E+00	1.20E-01	4.02E-05	2.08E-01	2.37E-02	7.41E-03	1.45E-10	3.85E-03	1.02E-05	7.26E-06	1.13E-04	7.03E-05	4.20E-04	6.66E-06	1.52E-04	2.07E-02	1.92E-03	2.47E-02
2289	NG_985	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.807	8.89E-03	1.87E-02	2.56E-01	1.42E-02	4.83E-06	2.15E-02	2.86E-03	8.91E-04	1.74E-11	4.63E-04	1.23E-06	8.63E-07	1.36E-05	8.44E-06	5.05E-05	8.00E-07	1.82E-05	2.49E-03	2.31E-04	2.97E-03
2290	NG_986	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.807	9.55E-03	2.01E-02	2.75E-01	1.52E-02	5.19E-06	2.32E-02	3.07E-03	9.57E-04	1.87E-11	4.97E-04	1.32E-06	9.28E-07	1.46E-05	9.07E-06	5.43E-05	8.60E-07	1.96E-05	2.68E-03	2.48E-04	3.19E-03
2291	NG_987	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.807	1.04E-02	2.18E-02	2.98E-01	1.65E-02	5.63E-06	2.53E-02	3.33E-03	1.04E-03	2.03E-11	5.40E-04	1.43E-06	1.01E-06	1.58E-05	9.84E-06	5.89E-05	9.33E-07	2.13E-05	2.91E-03	2.69E-04	3.46E-03
2292	NG_988	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.807	1.13E-02	2.38E-02	3.26E-01	1.80E-02	6.16E-06	2.79E-02	3.64E-03	1.14E-03	2.22E-11	5.91E-04	1.57E-06	1.10E-06	1.73E-05	1.08E-05	6.45E-05	1.02E-06	2.33E-05	3.18E-03	2.94E-04	3.79E-03
2293	NG_989	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.807	1.24E-02	2.60E-02	3.56E-01	1.97E-02	6.74E-06	3.06E-02	3.98E-03	1.24E-03	2.43E-11	6.46E-04	1.71E-06	1.21E-06	1.89E-05	1.18E-05	7.05E-05	1.12E-06	2.55E-05	3.48E-03	3.22E-04	4.14E-03
2294	NG_990	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.807	1.37E-02	2.87E-02	3.93E-01	2.17E-02	7.42E-06	3.39E-02	4.39E-03	1.37E-03	2.68E-11	7.12E-04	1.89E-06	1.33E-06	2.08E-05	1.30E-05	7.77E-05	1.23E-06	2.80E-05	3.83E-03	3.54E-04	4.56E-03
2295	NG_991	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.807	1.53E-02	3.20E-02	4.38E-01	2.44E-02	8.29E-06	3.83E-02	4.90E-03	1.53E-03	2.99E-11	7.95E-04	2.11E-06	1.48E-06	2.33E-05	1.45E-05	8.68E-05	1.37E-06	3.13E-05	4.28E-03	3.96E-04	5.10E-03
2296	NG_992	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.807	1.74E-02	3.65E-02	4.99E-01	2.80E-02	9.45E-06	4.43E-02	5.58E-03	1.74E-03	3.41E-11	9.05E-04	2.40E-06	1.69E-06	2.65E-05	1.65E-05	9.88E-05	1.57E-06	3.57E-05	4.87E-03	4.51E-04	5.81E-03
2297	NG_993	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.807	1.97E-02	4.13E-02	5.65E-01	3.19E-02	1.07E-05	5.08E-02	6.32E-03	1.97E-03	3.86E-11	1.02E-03	2.72E-06	1.92E-06	3.00E-05	1.87E-05	1.12E-04	1.77E-06	4.04E-05	5.52E-03	5.11E-04	6.57E-03
2298	NG_994	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.807	2.24E-02	4.70E-02	6.43E-01	3.65E-02	1.22E-05	5.85E-02	7.19E-03	2.24E-03	4.39E-11	1.17E-03	3.09E-06	2.18E-06	3.41E-05	2.13E-05	1.27E-04	2.02E-06	4.60E-05	6.28E-03	5.81E-04	7.48E-03
2299	NG_995	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.807	2.55E-02	5.36E-02	7.32E-01	4.17E-02	1.39E-05	6.77E-02	8.20E-03	2.56E-03	5.01E-11	1.33E-03	3.53E-06	2.49E-06	3.89E-05	2.43E-05	1.45E-04	2.30E-06	5.24E-05	7.16E-03	6.62E-04	8.53E-03
2300	NG_996	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.807	2.96E-02	6.21E-02	8.49E-01	4.87E-02	1.61E-05	7.98E-02	9.51E-03	2.97E-03	5.80E-11	1.54E-03	4.09E-06	2.89E-06	4.51E-05	2.81E-05	1.68E-04	2.66E-06	6.07E-05	8.30E-03	7.68E-04	9.89E-03
2301	NG_997	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.807	3.40E-02	7.14E-02	9.76E-01	5.61E-02	1.85E-05	9.27E-02	1.09E-02	3.41E-03	6.67E-11	1.77E-03	4.71E-06	3.32E-06	5.19E-05	3.23E-05	1.93E-04	3.06E-06	6.98E-05	9.54E-03	8.82E-04	1.14E-02
2302	NG_998	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.807	3.86E-02	8.11E-02	1.11E+00	6.36E-02	2.10E-05	1.06E-01	1.24E-02	3.87E-03	7.57E-11	2.01E-03	5.34E-06	3.77E-06	5.89E-05	3.67E-05	2.20E-04	3.48E-06	7.92E-05	1.08E-02	1.00E-03	1.29E-02
2303	NG_999	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.807	4.41E-02	9.27E-02	1.27E+00	7.26E-02	2.40E-05	1.21E-01	1.42E-02	4.42E-03	8.66E-11	2.30E-03	6.11E-06	4.32E-06	6.73E-05	4.20E-05	2.51E-04	3.98E-06	9.06E-05	1.24E-02	1.15E-03	1.48E-02
2304	NG_1000	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.807	5.22E-02	1.10E-01	1.50E+00	8.52E-02	2.84E-05	1.43E-01	1.68E-02	5.23E-03	1.02E-10	2.72E-03	7.23E-06	5.11E-06	7.96E-05	4.96E-05	2.97E-04	4.70E-06	1.07E-04	1.46E-02	1.35E-03	1.74E-02
2305	NG_1001	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.807	6.28E-02	1.32E-01	1.80E+00	1.01E-01	3.41E-05	1.72E-01	2.02E-02	6.29E-03	1.23E-10	3.27E-03	8.70E-06	6.15E-06	9.58E-05	5.97E-05	3.57E-04	5.66E-06	1.29E-04	1.76E-02	1.63E-03	2.10E-02
2306	NG_1002	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.807	7.17E-02	1.51E-01	2.06E+00	1.15E-01	3.90E-05	1.96E-01	2.30E-02	7.19E-03	1.41E-10	3.73E-03	9.92E-06	7.00E-06	1.09E-04	6.81E-05	4.08E-04	6.46E-06	1.47E-04	2.01E-02	1.86E-03	2.40E-02
2330	NG_1026	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.857	8.62E-03	1.81E-02	2.48E-01	1.38E-02	4.68E-06	2.07E-02	2.77E-03	8.64E-04	1.69E-11	4.49E-04	1.19E-06	8.38E-07	1.32E-05	8.19E-06	4.90E-05	7.76E-07	1.77E-05	2.42E-03	2.24E-04	2.88E-03
2331	NG_1027	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.857	9.23E-03	1.94E-02	2.66E-01	1.47E-02	5.02E-06	2.22E-02	2.97E-03	9.25E-04	1.81E-11	4.81E-04	1.28E-06	8.97E-07	1.41E-05	8.77E-06	5.25E-05	8.31E-07	1.90E-05	2.59E-03	2.40E-04	3.08E-03
2332	NG_1028	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.857	1.00E-02	2.11E-02	2.89E-01	1.60E-02	5.45E-06	2.43E-02	3.22E-03	1.01E-03	1.97E-11	5.23E-04	1.39E-06	9.76E-07	1.53E-05	9.53E-06	5.71E-05	9.04E-07	2.06E-05	2.81E-03	2.60E-04	3.35E-03
2333	NG_1029	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.857	1.10E-02	2.30E-02	3.15E-01	1.75E-02	5.95E-06	2.68E-02	3.52E-03	1.10E-03	2.15E-11	5.70E-04	1.51E-06	1.06E-06	1.67E-05	1.04E-05	6.23E-05	9.86E-07	2.25E-05	3.07E-03	2.84E-04	3.66E-03
2334	NG_1030	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.857	1.19E-02	2.51E-02	3.43E-01	1.91E-02	6.49E-06	2.94E-02	3.84E-03	1.20E-03	2.34E-11	6.22E-04	1.65E-06	1.16E-06	1.82E-05	1.13E-05	6.79E-05	1.08E-06	2.45E-05	3.35E-03	3.10E-04	3.99E-03
2335	NG_1031	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.857	1.30E-02	2.73E-02	3.74E-01	2.09E-02	7.07E-06	3.22E-02	4.18E-03	1.31E-03	2.55E-11	6.78E-04	1.80E-06	1.27E-06	1.99E-05	1.24E-05	7.40E-05	1.17E-06	2.67E-05	3.65E-03	3.38E-04	4.35E-03
2336	NG_1032	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.857	1.45E-02	3.04E-02	4.17E-01	2.34E-02	7.88E-06	3.63E-02	4.66E-03	1.45E-03	2.84E-11	7.55E-04	2.00E-06	1.41E-06	2.21E-05	1.38E-05	8.24E-05	1.31E-06	2.98E-05	4.06E-03	3.76E-04	4.84E-03
2337	NG_1033	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.857	1.65E-02	3.46E-02	4.73E-01	2.69E-02	8.94E-06	4.21E-02	5.29E-03	1.65E-03	3.23E-11	8.57E-04	2.27E-06	1.60E-06	2.51E-05	1.56E-05	9.36E-05	1.48E-06	3.38E-05	4.61E-03	4.27E-04	5.50E-03
2338	NG_1034	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.857	1.86E-02	3.91E-02	5.34E-01	3.07E-02	1.01E-05	4.84E-02	5.98E-03	1.87E-03	3.65E-11	9.69E-04	2.57E-06	1.81E-06	2.84E-05	1.77E-05	1.06E-04	1.68E-06	3.82E-05	5.22E-03	4.83E-04	6.22E-03
2339	NG_1035	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.857	2.08E-02	4.36E-02	5.97E-01	3.43E-02	1.13E-05	5.45E-02	6.68E-03	2.08E-03	4.08E-11	1.08E-03	2.87E-06	2.02E-06	3.17E-05	1.97E-05	1.18E-04	1.87E-06	4.27E-05	5.83E-03	5.39E-04	6.94E-03
2340	NG_1036	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.857	2.33E-02	4.89E-02	6.69E-01	3.86E-02	1.27E-05	6.18E-02	7.48E-03	2.33E-03	4.57E-11	1.21E-03	3.22E-06	2.27E-06	3.55E-05	2.21E-05	1.32E-04	2.10E-06	4.78E-05	6.53E-03	6.04E-04	7.78E-03
2341	NG_1037	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.857	2.66E-02	5.58E-02	7.63E-01	4.42E-02	1.44E-05	7.15E-02	8.54E-03	2.66E-03	5.21E-11	1.38E-03	3.68E-06	2.59E-06	4.05E-05	2.53E-05	1.51E-04	2.39E-06	5.46E-05	7.45E-03	6.90E-04	8.88E-03
2342	NG_1038	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.857	3.06E-02	6.43E-02	8.78E-01	5.09E-02	1.66E-05	8.30E-02	9.83E-03	3.07E-03	6.00E-11	1.59E-03	4.24E-06	2.99E-06	4.67E-05	2.91E-05	1.74E-04	2.76E-06	6.28E-05	8.58E-03	7.94E-04	1.02E-02
2343	NG_1039	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.857	3.55E-02	7.45E-02	1.02E+00	5.87E-02	1.93E-05	9.61E-02	1.14E-02	3.56E-03	6.96E-11	1.85E-03	4.91E-06	3.47E-06	5.41E-05	3.37E-05	2.02E-04	3.20E-06	7.28E-05	9.95E-03	9.20E-04	1.19E-02
2344	NG_1040	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.857	4.12E-02	8.65E-02	1.18E+00	6.77E-02	2.24E-05	1.11E-01	1.32E-02	4.13E-03	8.08E-11	2.15E-03	5.70E-06	4.03E-06	6.28E-05	3.92E-05	2.34E-04	3.71E-06	8.46E-05	1.16E-02	1.07E-03	1.38E-02
2345	NG_1041	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.857	4.78E-02	1.00E-01	1.37E+00	7.77E-02	2.60E-05	1.28E-01	1.54E-02	4.79E-03	9.37E-11	2.49E-03	6.62E-06	4.67E-06	7.29E-05	4.54E-05	2.72E-04	4.30E-06	9.81E-05	1.34E-02	1.24E-03	1.60E-02
2346	NG_1042	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.857	5.44E-02	1.14E-01	1.56E+00	8.76E-02	2.96E-05	1.46E-01	1.75E-02	5.45E-03	1.07E-10	2.83E-03	7.53E-06	5.31E-06	8.30E-05	5.17E-05	3.09E-04	4.90E-06	1.12E-04	1.53E-02	1.41E-03	1.82E-02
2347	NG_1043	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.857	5.91E-02	1.24E-01	1.70E+00	9.42E-02	3.21E-05	1.59E-01	1.90E-02	5.93E-03	1.16E-10	3.08E-03	8.17E-06	5.76E-06	9.02E-05	5.62E-05	3.36E-04	5.32E-06	1.21E-04	1.66E-02	1.53E-03	1.98E-02
2371	NG_1067	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.907	8.42E-03	1.77E-02	2.42E-01	1.35E-02	4.57E-06	2.01E-02	2.71E-03	8.44E-04	1.65E-11	4.39E-04	1.16E-06	8.18E-07	1.28E-05	8.00E-06	4.79E-05	7.58E-07	1.73E-05	2.36E-03	2.18E-04	2.81E-03
2372	NG_1068	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.907	8.99E-03	1.89E-02	2.59E-01	1.44E-02	4.88E-06	2.15E-02	2.89E-03	9.01E-04	1.76E-11	4.68E-04	1.24E-06	8.73E-07	1.37E-05	8.54E-06	5.11E-05	8.09E-07	1.85E-05	2.52E-03	2.33E-04	3.00E-03
2373	NG_1069	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.907	9.73E-03	2.04E-02	2.80E-01	1.57E-02	5.28E-06	2.35E-02	3.13E-03	9.75E-04	1.91E-11	5.07E-04	1.34E-06	9.45E-07	1.48E-05	9.24E-06	5.53E-05	8.76E-07	2.00E-05	2.73E-03	2.52E-04	3.25E-03
2374	NG_1070	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.907	1.06E-02	2.22E-02	3.04E-01	1.71E-02	5.74E-06	2.58E-02	3.39E-03	1.06E-03	2.07E-11	5.50E-04	1.46E-06	1.03E-06	1.61E-05	1.00E-05	6.01E-05	9.51E-07	2.17E-05	2.96E-03	2.74E-04	3.53E-03
2375	NG_1071	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.907	1.15E-02	2.41E-02	3.29E-01	1.86E-02	6.22E-06	2.82E-02	3.68E-03	1.15E-03	2.25E-11	5.97E-04	1.58E-06	1.11E-06	1.75E-05	1.09E-05	6.51E-05	1.03E-06	2.35E-05	3.21E-03	2.97E-04	3.83E-03
2376	NG_1072	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.907	1.24E-02	2.60E-02	3.56E-01	2.01E-02	6.73E-06	3.06E-02	3.98E-03	1.24E-03	2.43E-11	6.45E-04	1.71E-06	1.20E-06	1.89E-05	1.18E-05	7.05E-05	1.12E-06	2.54E-05	3.47E-03	3.21E-04	4.14E-03
2377	NG_1073	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.907	1.37E-02	2.87E-02	3.93E-01	2.23E-02	7.43E-06	3.43E-02	4.39E-03	1.37E-03	2.68E-11	7.12E-04	1.89E-06	1.33E-06	2.08E-05	1.30E-05	7.77E-05	1.23E-06	2.81E-05	3.83E-03	3.55E-04	4.57E-03
2378	NG_1074	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.907	1.54E-02	3.23E-02	4.42E-01	2.54E-02	8.35E-06	3.94E-02	4.94E-03	1.54E-03	3.02E-11	8.01E-04	2.12E-06	1.50E-06	2.34E-05	1.46E-05	8.74E-05	1.38E-06	3.16E-05	4.31E-03	3.99E-04	5.14E-03
2379	NG_1075	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.907	1.73E-02	3.63E-02	4.96E-01	2.89E-02	9.39E-06	4.51E-02	5.55E-03	1.73E-03	3.39E-11	9.00E-04	2.39E-06	1.68E-06	2.64E-05	1.64E-05	9.83E-05	1.56E-06	3.55E-05	4.85E-03	4.48E-04	5.78E-03
2380	NG_1076	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.907	1.90E-02	3.99E-02	5.46E-01	3.18E-02	1.03E-05	4.99E-02	6.11E-03	1.91E-03	3.73E-11	9.91E-04	2.63E-06	1.85E-06	2.90E-05	1.81E-05	1.08E-04	1.71E-06	3.90E-05	5.33E-03	4.93E-04	6.36E-03
2381	NG_1077	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.907	2.12E-02	4.45E-02	6.08E-01	3.54E-02	1.15E-05	5.60E-02	6.80E-03	2.12E-03	4.15E-11	1.10E-03	2.93E-06	2.06E-06	3.23E-05	2.01E-05	1.20E-04	1.91E-06	4.35E-05	5.94E-03	5.49E-04	7.07E-03
2382	NG_1078	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.907	2.42E-02	5.08E-02	6.94E-01	4.05E-02	1.31E-05	6.45E-02	7.77E-03	2.42E-03	4.74E-11	1.26E-03	3.34E-06	2.36E-06	3.69E-05	2.30E-05	1.38E-04	2.18E-06	4.96E-05	6.78E-03	6.27E-04	8.08E-03
2383	NG_1079	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.907	2.81E-02	5.91E-02	8.08E-01	4.70E-02	1.53E-05	7.53E-02	9.04E-03	2.82E-03	5.52E-11	1.47E-03	3.89E-06	2.75E-06	4.29E-05	2.67E-05	1.60E-04	2.53E-06	5.78E-05	7.89E-03	7.30E-04	9.40E-03
2384	NG_1080	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.907	3.30E-02	6.93E-02	9.47E-01	5.46E-02	1.79E-05	8.79E-02	1.06E-02	3.31E-03	6.47E-11	1.72E-03	4.57E-06	3.22E-06	5.03E-05	3.14E-05	1.88E-04	2.97E-06	6.77E-05	9.25E-03	8.56E-04	1.10E-02
2385	NG_1081	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.907	3.86E-02	8.10E-02	1.11E+00	6.32E-02	2.10E-05	1.02E-01	1.24E-02	3.87E-03	7.57E-11	2.01E-03	5.34E-06	3.77E-06	5.88E-05	3.67E-05	2.19E-04	3.47E-06	7.92E-05	1.08E-02	1.00E-03	1.29E-02
2386	NG_1082	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.907	4.39E-02	9.23E-02	1.26E+00	7.12E-02	2.39E-05	1.16E-01	1.41E-02	4.40E-03	8.62E-11	2.29E-03	6.08E-06	4.29E-06	6.70E-05	4.18E-05	2.50E-04	3.96E-06	9.02E-05	1.23E-02	1.14E-03	1.47E-02
2387	NG_1083	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.907	4.82E-02	1.01E-01	1.38E+00	7.74E-02	2.62E-05	1.28E-01	1.55E-02	4.83E-03	9.45E-11	2.51E-03	6.66E-06	4.69E-06	7.35E-05	4.58E-05	2.74E-04	4.34E-06	9.89E-05	1.35E-02	1.25E-03	1.61E-02
2412	NG_1108	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.957	8.26E-03	1.73E-02	2.38E-01	1.34E-02	4.49E-06	1.97E-02	2.65E-03	8.28E-04	1.62E-11	4.30E-04	1.14E-06	8.02E-07	1.26E-05	7.84E-06	4.70E-05	7.43E-07	1.70E-05	2.32E-03	2.14E-04	2.76E-03
2413	NG_1109	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.957	8.81E-03	1.85E-02	2.54E-01	1.44E-02	4.79E-06	2.11E-02	2.83E-03	8.83E-04	1.73E-11	4.59E-04	1.22E-06	8.56E-07	1.34E-05	8.37E-06	5.01E-05	7.93E-07	1.81E-05	2.47E-03	2.29E-04	2.94E-03
2414	NG_1110	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.957	9.47E-03	1.99E-02	2.72E-01	1.55E-02	5.14E-06	2.29E-02	3.04E-03	9.49E-04	1.86E-11	4.93E-04	1.31E-06	9.20E-07	1.44E-05	8.99E-06	5.38E-05	8.52E-07	1.94E-05	2.65E-03	2.46E-04	3.16E-03

AQIA DATA - SCENARIO 1 COMMERCIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.24E-01**	**2.60E-01**	**3.55E+00**	**1.99E-01**	**6.74E-05**	**3.58E-01**	**3.98E-02**	**1.24E-02**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**3.47E-02**	**3.21E-03**	**4.14E-02**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2415	NG_1111	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.957	1.02E-02	2.14E-02	2.93E-01	1.67E-02	5.53E-06	2.49E-02	3.27E-03	1.02E-03	2.00E-11	5.30E-04	1.41E-06	9.89E-07	1.55E-05	9.67E-06	5.79E-05	9.17E-07	2.09E-05	2.86E-03	2.64E-04	3.40E-03
2416	NG_1112	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.957	1.10E-02	2.30E-02	3.15E-01	1.80E-02	5.96E-06	2.70E-02	3.52E-03	1.10E-03	2.15E-11	5.71E-04	1.52E-06	1.07E-06	1.67E-05	1.04E-05	6.24E-05	9.88E-07	2.25E-05	3.08E-03	2.85E-04	3.67E-03
2417	NG_1113	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.957	1.18E-02	2.48E-02	3.40E-01	1.95E-02	6.43E-06	2.94E-02	3.80E-03	1.19E-03	2.32E-11	6.16E-04	1.63E-06	1.15E-06	1.80E-05	1.12E-05	6.73E-05	1.07E-06	2.43E-05	3.32E-03	3.07E-04	3.95E-03
2418	NG_1114	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.957	1.29E-02	2.71E-02	3.71E-01	2.14E-02	7.01E-06	3.25E-02	4.15E-03	1.29E-03	2.53E-11	6.72E-04	1.78E-06	1.25E-06	1.97E-05	1.23E-05	7.34E-05	1.16E-06	2.65E-05	3.62E-03	3.35E-04	4.31E-03
2419	NG_1115	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.957	1.42E-02	2.99E-02	4.09E-01	2.38E-02	7.73E-06	3.64E-02	4.57E-03	1.43E-03	2.79E-11	7.41E-04	1.97E-06	1.38E-06	2.17E-05	1.35E-05	8.09E-05	1.28E-06	2.92E-05	3.99E-03	3.69E-04	4.75E-03
2420	NG_1116	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.957	1.58E-02	3.31E-02	4.53E-01	2.66E-02	8.57E-06	4.09E-02	5.07E-03	1.58E-03	3.09E-11	8.22E-04	2.18E-06	1.54E-06	2.41E-05	1.50E-05	8.97E-05	1.42E-06	3.24E-05	4.42E-03	4.09E-04	5.27E-03
2421	NG_1117	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.957	1.75E-02	3.67E-02	5.02E-01	2.94E-02	9.49E-06	4.57E-02	5.61E-03	1.75E-03	3.43E-11	9.10E-04	2.41E-06	1.70E-06	2.66E-05	1.66E-05	9.93E-05	1.57E-06	3.59E-05	4.90E-03	4.53E-04	5.84E-03
2422	NG_1118	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.957	1.96E-02	4.11E-02	5.62E-01	3.30E-02	1.06E-05	5.14E-02	6.29E-03	1.96E-03	3.84E-11	1.02E-03	2.71E-06	1.91E-06	2.99E-05	1.86E-05	1.11E-04	1.76E-06	4.02E-05	5.49E-03	5.08E-04	6.54E-03
2423	NG_1119	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.957	2.25E-02	4.71E-02	6.45E-01	3.78E-02	1.22E-05	5.92E-02	7.21E-03	2.25E-03	4.40E-11	1.17E-03	3.11E-06	2.19E-06	3.42E-05	2.13E-05	1.28E-04	2.02E-06	4.61E-05	6.30E-03	5.82E-04	7.50E-03
2424	NG_1120	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.957	2.61E-02	5.48E-02	7.50E-01	4.36E-02	1.42E-05	6.86E-02	8.39E-03	2.62E-03	5.12E-11	1.36E-03	3.61E-06	2.55E-06	3.98E-05	2.48E-05	1.48E-04	2.35E-06	5.36E-05	7.32E-03	6.77E-04	8.72E-03
2425	NG_1121	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.957	3.06E-02	6.43E-02	8.79E-01	5.06E-02	1.67E-05	8.02E-02	9.84E-03	3.07E-03	6.01E-11	1.60E-03	4.24E-06	2.99E-06	4.67E-05	2.91E-05	1.74E-04	2.76E-06	6.29E-05	8.59E-03	7.95E-04	1.02E-02
2426	NG_1122	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.957	3.56E-02	7.47E-02	1.02E+00	5.81E-02	1.93E-05	9.28E-02	1.14E-02	3.57E-03	6.98E-11	1.85E-03	4.92E-06	3.47E-06	5.43E-05	3.38E-05	2.02E-04	3.20E-06	7.30E-05	9.98E-03	9.23E-04	1.19E-02
2427	NG_1123	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.957	3.99E-02	8.37E-02	1.14E+00	6.45E-02	2.17E-05	1.04E-01	1.28E-02	4.00E-03	7.82E-11	2.08E-03	5.52E-06	3.89E-06	6.08E-05	3.79E-05	2.27E-04	3.59E-06	8.19E-05	1.12E-02	1.03E-03	1.33E-02
2428	NG_1124	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.957	4.27E-02	8.97E-02	1.23E+00	6.86E-02	2.32E-05	1.12E-01	1.37E-02	4.28E-03	8.38E-11	2.23E-03	5.91E-06	4.16E-06	6.52E-05	4.06E-05	2.43E-04	3.85E-06	8.77E-05	1.20E-02	1.11E-03	1.43E-02
2453	NG_1149	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.007	8.11E-03	1.70E-02	2.34E-01	1.34E-02	4.41E-06	1.95E-02	2.61E-03	8.14E-04	1.59E-11	4.23E-04	1.12E-06	7.87E-07	1.24E-05	7.71E-06	4.61E-05	7.31E-07	1.67E-05	2.28E-03	2.11E-04	2.71E-03
2454	NG_1150	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.007	8.62E-03	1.81E-02	2.48E-01	1.43E-02	4.68E-06	2.08E-02	2.77E-03	8.64E-04	1.69E-11	4.49E-04	1.19E-06	8.37E-07	1.31E-05	8.19E-06	4.90E-05	7.76E-07	1.77E-05	2.42E-03	2.24E-04	2.88E-03
2455	NG_1151	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.007	9.15E-03	1.92E-02	2.63E-01	1.52E-02	4.97E-06	2.22E-02	2.94E-03	9.18E-04	1.80E-11	4.77E-04	1.26E-06	8.89E-07	1.40E-05	8.69E-06	5.20E-05	8.24E-07	1.88E-05	2.57E-03	2.37E-04	3.06E-03
2456	NG_1152	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.007	9.78E-03	2.05E-02	2.81E-01	1.63E-02	5.31E-06	2.40E-02	3.14E-03	9.80E-04	1.92E-11	5.09E-04	1.35E-06	9.50E-07	1.49E-05	9.29E-06	5.56E-05	8.80E-07	2.01E-05	2.74E-03	2.54E-04	3.27E-03
2457	NG_1153	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.007	1.04E-02	2.19E-02	3.00E-01	1.74E-02	5.66E-06	2.57E-02	3.35E-03	1.04E-03	2.04E-11	5.43E-04	1.44E-06	1.01E-06	1.59E-05	9.90E-06	5.93E-05	9.38E-07	2.14E-05	2.92E-03	2.70E-04	3.48E-03
2458	NG_1154	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.007	1.12E-02	2.36E-02	3.23E-01	1.88E-02	6.10E-06	2.80E-02	3.60E-03	1.12E-03	2.20E-11	5.84E-04	1.55E-06	1.09E-06	1.71E-05	1.07E-05	6.38E-05	1.01E-06	2.30E-05	3.15E-03	2.91E-04	3.75E-03
2459	NG_1155	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.007	1.21E-02	2.54E-02	3.48E-01	2.03E-02	6.57E-06	3.04E-02	3.89E-03	1.21E-03	2.37E-11	6.30E-04	1.67E-06	1.18E-06	1.84E-05	1.15E-05	6.88E-05	1.09E-06	2.48E-05	3.39E-03	3.14E-04	4.04E-03
2460	NG_1156	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.007	1.32E-02	2.78E-02	3.81E-01	2.24E-02	7.19E-06	3.37E-02	4.25E-03	1.33E-03	2.60E-11	6.89E-04	1.83E-06	1.29E-06	2.02E-05	1.26E-05	7.53E-05	1.19E-06	2.72E-05	3.71E-03	3.43E-04	4.42E-03
2461	NG_1157	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.007	1.45E-02	3.05E-02	4.17E-01	2.46E-02	7.89E-06	3.73E-02	4.66E-03	1.46E-03	2.85E-11	7.56E-04	2.01E-06	1.41E-06	2.21E-05	1.38E-05	8.25E-05	1.31E-06	2.98E-05	4.07E-03	3.77E-04	4.85E-03
2462	NG_1158	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.007	1.62E-02	3.41E-02	4.66E-01	2.75E-02	8.81E-06	4.20E-02	5.21E-03	1.63E-03	3.18E-11	8.45E-04	2.24E-06	1.58E-06	2.47E-05	1.54E-05	9.22E-05	1.46E-06	3.33E-05	4.55E-03	4.21E-04	5.42E-03
2463	NG_1159	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.007	1.83E-02	3.84E-02	5.25E-01	3.09E-02	9.94E-06	4.74E-02	5.87E-03	1.83E-03	3.59E-11	9.52E-04	2.53E-06	1.78E-06	2.79E-05	1.74E-05	1.04E-04	1.65E-06	3.75E-05	5.13E-03	4.74E-04	6.11E-03
2464	NG_1160	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.007	2.12E-02	4.46E-02	6.10E-01	3.57E-02	1.15E-05	5.50E-02	6.82E-03	2.13E-03	4.16E-11	1.11E-03	2.93E-06	2.07E-06	3.24E-05	2.02E-05	1.21E-04	1.91E-06	4.36E-05	5.95E-03	5.51E-04	7.09E-03
2465	NG_1161	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.007	2.47E-02	5.19E-02	7.10E-01	4.12E-02	1.34E-05	6.40E-02	7.95E-03	2.48E-03	4.85E-11	1.29E-03	3.42E-06	2.41E-06	3.77E-05	2.35E-05	1.41E-04	2.23E-06	5.08E-05	6.93E-03	6.42E-04	8.26E-03
2466	NG_1162	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.007	2.87E-02	6.02E-02	8.24E-01	4.73E-02	1.56E-05	7.39E-02	9.22E-03	2.88E-03	5.63E-11	1.49E-03	3.97E-06	2.80E-06	4.38E-05	2.73E-05	1.63E-04	2.58E-06	5.89E-05	8.04E-03	7.44E-04	9.59E-03
2467	NG_1163	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.007	3.26E-02	6.85E-02	9.36E-01	5.32E-02	1.77E-05	8.39E-02	1.05E-02	3.27E-03	6.39E-11	1.70E-03	4.51E-06	3.18E-06	4.97E-05	3.10E-05	1.85E-04	2.94E-06	6.69E-05	9.14E-03	8.46E-04	1.09E-02
2468	NG_1164	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.007	3.57E-02	7.50E-02	1.03E+00	5.77E-02	1.94E-05	9.21E-02	1.15E-02	3.58E-03	7.00E-11	1.86E-03	4.94E-06	3.48E-06	5.45E-05	3.39E-05	2.03E-04	3.22E-06	7.33E-05	1.00E-02	9.27E-04	1.19E-02
2469	NG_1165	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.007	3.75E-02	7.88E-02	1.08E+00	6.02E-02	2.04E-05	9.70E-02	1.21E-02	3.76E-03	7.36E-11	1.95E-03	5.18E-06	3.64E-06	5.72E-05	3.56E-05	2.13E-04	3.38E-06	7.70E-05	1.05E-02	9.73E-04	1.25E-02
2494	NG_1190	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.057	7.91E-03	1.66E-02	2.28E-01	1.33E-02	4.30E-06	1.91E-02	2.54E-03	7.93E-04	1.55E-11	4.12E-04	1.09E-06	7.67E-07	1.21E-05	7.52E-06	4.50E-05	7.12E-07	1.63E-05	2.22E-03	2.05E-04	2.64E-03
2495	NG_1191	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.057	8.37E-03	1.76E-02	2.41E-01	1.41E-02	4.55E-06	2.03E-02	2.69E-03	8.39E-04	1.64E-11	4.36E-04	1.16E-06	8.12E-07	1.28E-05	7.95E-06	4.76E-05	7.54E-07	1.72E-05	2.35E-03	2.17E-04	2.80E-03
2496	NG_1192	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.057	8.81E-03	1.85E-02	2.54E-01	1.48E-02	4.78E-06	2.14E-02	2.83E-03	8.83E-04	1.73E-11	4.59E-04	1.22E-06	8.54E-07	1.34E-05	8.36E-06	5.01E-05	7.93E-07	1.81E-05	2.47E-03	2.28E-04	2.94E-03
2497	NG_1193	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.057	9.27E-03	1.95E-02	2.67E-01	1.56E-02	5.04E-06	2.27E-02	2.98E-03	9.29E-04	1.82E-11	4.83E-04	1.28E-06	9.00E-07	1.41E-05	8.80E-06	5.27E-05	8.35E-07	1.90E-05	2.60E-03	2.40E-04	3.10E-03
2498	NG_1194	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.057	9.82E-03	2.06E-02	2.83E-01	1.66E-02	5.34E-06	2.42E-02	3.15E-03	9.84E-04	1.93E-11	5.11E-04	1.36E-06	9.54E-07	1.50E-05	9.33E-06	5.58E-05	8.84E-07	2.02E-05	2.75E-03	2.55E-04	3.28E-03
2499	NG_1195	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.057	1.05E-02	2.20E-02	3.01E-01	1.77E-02	5.68E-06	2.60E-02	3.36E-03	1.05E-03	2.05E-11	5.45E-04	1.44E-06	1.02E-06	1.60E-05	9.93E-06	5.95E-05	9.42E-07	2.15E-05	2.93E-03	2.71E-04	3.49E-03
2500	NG_1196	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.057	1.13E-02	2.36E-02	3.24E-01	1.91E-02	6.11E-06	2.82E-02	3.61E-03	1.13E-03	2.21E-11	5.86E-04	1.55E-06	1.09E-06	1.72E-05	1.07E-05	6.40E-05	1.01E-06	2.31E-05	3.15E-03	2.92E-04	3.76E-03
2501	NG_1197	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.057	1.24E-02	2.60E-02	3.56E-01	2.10E-02	6.72E-06	3.13E-02	3.97E-03	1.24E-03	2.42E-11	6.44E-04	1.71E-06	1.20E-06	1.89E-05	1.17E-05	7.03E-05	1.11E-06	2.54E-05	3.47E-03	3.21E-04	4.13E-03
2502	NG_1198	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.057	1.37E-02	2.87E-02	3.93E-01	2.33E-02	7.42E-06	3.48E-02	4.39E-03	1.37E-03	2.68E-11	7.12E-04	1.89E-06	1.33E-06	2.08E-05	1.30E-05	7.77E-05	1.23E-06	2.80E-05	3.83E-03	3.54E-04	4.57E-03
2503	NG_1199	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.057	1.52E-02	3.19E-02	4.37E-01	2.58E-02	8.26E-06	3.87E-02	4.88E-03	1.52E-03	2.98E-11	7.92E-04	2.10E-06	1.48E-06	2.32E-05	1.44E-05	8.64E-05	1.37E-06	3.12E-05	4.26E-03	3.94E-04	5.08E-03
2504	NG_1200	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.057	1.73E-02	3.64E-02	4.98E-01	2.93E-02	9.42E-06	4.42E-02	5.57E-03	1.74E-03	3.40E-11	9.02E-04	2.40E-06	1.69E-06	2.64E-05	1.65E-05	9.85E-05	1.56E-06	3.56E-05	4.86E-03	4.50E-04	5.79E-03
2505	NG_1201	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.057	2.03E-02	4.26E-02	5.83E-01	3.40E-02	1.10E-05	5.17E-02	6.51E-03	2.03E-03	3.98E-11	1.06E-03	2.80E-06	1.98E-06	3.09E-05	1.93E-05	1.15E-04	1.83E-06	4.16E-05	5.68E-03	5.26E-04	6.77E-03
2506	NG_1202	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.057	2.37E-02	4.97E-02	6.80E-01	3.93E-02	1.29E-05	6.02E-02	7.60E-03	2.37E-03	4.64E-11	1.23E-03	3.27E-06	2.31E-06	3.61E-05	2.25E-05	1.35E-04	2.13E-06	4.86E-05	6.63E-03	6.14E-04	7.91E-03
2507	NG_1203	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.057	2.71E-02	5.70E-02	7.79E-01	4.46E-02	1.47E-05	6.89E-02	8.71E-03	2.72E-03	5.32E-11	1.41E-03	3.75E-06	2.64E-06	4.14E-05	2.58E-05	1.54E-04	2.44E-06	5.57E-05	7.61E-03	7.04E-04	9.06E-03
2508	NG_1204	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.057	3.02E-02	6.35E-02	8.68E-01	4.92E-02	1.64E-05	7.69E-02	9.71E-03	3.03E-03	5.93E-11	1.57E-03	4.18E-06	2.94E-06	4.61E-05	2.87E-05	1.72E-04	2.72E-06	6.20E-05	8.47E-03	7.84E-04	1.01E-02
2509	NG_1205	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.057	3.23E-02	6.78E-02	9.27E-01	5.22E-02	1.75E-05	8.24E-02	1.04E-02	3.24E-03	6.33E-11	1.68E-03	4.46E-06	3.13E-06	4.92E-05	3.07E-05	1.84E-04	2.91E-06	6.63E-05	9.05E-03	8.38E-04	1.08E-02
2510	NG_1206	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.057	3.30E-02	6.93E-02	9.47E-01	5.31E-02	1.79E-05	8.45E-02	1.06E-02	3.31E-03	6.47E-11	1.72E-03	4.55E-06	3.19E-06	5.03E-05	3.13E-05	1.88E-04	2.97E-06	6.77E-05	9.25E-03	8.56E-04	1.10E-02
2521	NG_1217	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.057	1.54E-02	3.23E-02	4.42E-01	2.38E-02	8.33E-06	3.54E-02	4.93E-03	1.54E-03	3.01E-11	8.00E-04	2.11E-06	1.48E-06	2.34E-05	1.46E-05	8.74E-05	1.38E-06	3.16E-05	4.31E-03	3.99E-04	5.13E-03
2522	NG_1218	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.057	1.44E-02	3.02E-02	4.14E-01	2.25E-02	7.81E-06	3.30E-02	4.62E-03	1.44E-03	2.82E-11	7.49E-04	1.98E-06	1.38E-06	2.19E-05	1.37E-05	8.19E-05	1.29E-06	2.96E-05	4.04E-03	3.74E-04	4.81E-03
2523	NG_1219	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.057	1.33E-02	2.80E-02	3.83E-01	2.10E-02	7.22E-06	3.03E-02	4.28E-03	1.34E-03	2.61E-11	6.93E-04	1.83E-06	1.28E-06	2.03E-05	1.26E-05	7.58E-05	1.20E-06	2.74E-05	3.73E-03	3.46E-04	4.45E-03
2524	NG_1220	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.057	1.23E-02	2.58E-02	3.54E-01	1.96E-02	6.67E-06	2.78E-02	3.95E-03	1.23E-03	2.41E-11	6.40E-04	1.69E-06	1.18E-06	1.88E-05	1.17E-05	7.00E-05	1.11E-06	2.53E-05	3.45E-03	3.19E-04	4.11E-03
2533	NG_1229	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.057	7.29E-03	1.53E-02	2.10E-01	1.21E-02	3.95E-06	1.50E-02	2.34E-03	7.31E-04	1.43E-11	3.80E-04	1.00E-06	6.99E-07	1.11E-05	6.91E-06	4.15E-05	6.56E-07	1.50E-05	2.04E-03	1.89E-04	2.44E-03
2534	NG_1230	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.057	7.12E-03	1.50E-02	2.06E-01	1.19E-02	3.86E-06	1.46E-02	2.29E-03	7.14E-04	1.40E-11	3.71E-04	9.79E-07	6.82E-07	1.09E-05	6.75E-06	4.05E-05	6.40E-07	1.46E-05	2.00E-03	1.85E-04	2.38E-03
2535	NG_1231	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.107	7.62E-03	1.60E-02	2.20E-01	1.30E-02	4.14E-06	1.84E-02	2.45E-03	7.64E-04	1.49E-11	3.97E-04	1.05E-06	7.39E-07	1.16E-05	7.24E-06	4.33E-05	6.86E-07	1.57E-05	2.14E-03	1.98E-04	2.55E-03
2536	NG_1232	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.107	8.01E-03	1.68E-02	2.31E-01	1.37E-02	4.35E-06	1.94E-02	2.57E-03	8.03E-04	1.57E-11	4.17E-04	1.11E-06	7.77E-07	1.22E-05	7.60E-06	4.55E-05	7.21E-07	1.64E-05	2.25E-03	2.08E-04	2.68E-03
2537	NG_1233	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.107	8.37E-03	1.76E-02	2.41E-01	1.43E-02	4.55E-06	2.04E-02	2.69E-03	8.39E-04	1.64E-11	4.36E-04	1.16E-06	8.12E-07	1.28E-05	7.95E-06	4.76E-05	7.54E-07	1.72E-05	2.35E-03	2.17E-04	2.80E-03
2538	NG_1234	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.107	8.78E-03	1.84E-02	2.53E-01	1.50E-02	4.77E-06	2.15E-02	2.82E-03	8.80E-04	1.72E-11	4.57E-04	1.21E-06	8.52E-07	1.34E-05	8.34E-06	4.99E-05	7.91E-07	1.80E-05	2.46E-03	2.28E-04	2.93E-03
2539	NG_1235	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.107	9.23E-03	1.94E-02	2.66E-01	1.57E-02	5.02E-06	2.27E-02	2.97E-03	9.26E-04	1.81E-11	4.81E-04	1.28E-06	8.97E-07	1.41E-05	8.77E-06	5.25E-05	8.31E-07	1.90E-05	2.59E-03	2.40E-04	3.09E-03
2540	NG_1236	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.107	9.76E-03	2.05E-02	2.81E-01	1.66E-02	5.30E-06	2.41E-02	3.14E-03	9.78E-04	1.91E-11	5.08E-04	1.35E-06	9.48E-07	1.49E-05	9.27E-06	5.55E-05	8.79E-07	2.00E-05	2.74E-03	2.53E-04	3.26E-03
2541	NG_1237	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.107	1.05E-02	2.21E-02	3.03E-01	1.80E-02	5.72E-06	2.62E-02	3.38E-03	1.06E-03	2.07E-11	5.49E-04	1.46E-06	1.02E-06	1.61E-05	1.00E-05	5.99E-05	9.49E-07	2.16E-05	2.95E-03	2.73E-04	3.52E-03
2542	NG_1238	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.107	1.17E-02	2.46E-02	3.37E-01	2.01E-02	6.37E-06	2.93E-02	3.76E-03	1.17E-03	2.30E-11	6.10E-04	1.62E-06	1.14E-06	1.79E-05	1.11E-05	6.66E-05	1.05E-06	2.41E-05	3.29E-03	3.04E-04	3.91E-03
2543	NG_1239	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.107	1.31E-02	2.75E-02	3.76E-01	2.24E-02	7.11E-06	3.29E-02	4.20E-03	1.31E-03	2.57E-11	6.81E-04	1.81E-06	1.27E-06	2.00E-05	1.24E-05	7.44E-05	1.18E-06	2.69E-05	3.67E-03	3.39E-04	4.37E-03
2544	NG_1240	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.107	1.45E-02	3.05E-02	4.18E-01	2.47E-02	7.90E-06	3.64E-02	4.67E-03	1.46E-03	2.85E-11	7.57E-04	2.01E-06	1.41E-06	2.22E-05	1.38E-05	8.26E-05	1.31E-06	2.98E-05	4.07E-03	3.77E-04	4.85E-03
2545	NG_1241	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.107	1.65E-02	3.47E-02	4.76E-01	2.79E-02	8.99E-06	4.14E-02	5.31E-03	1.66E-03	3.24E-11	8.62E-04	2.29E-06	1.61E-06	2.52E-05	1.57E-05	9.41E-05	1.49E-06	3.40E-05	4.64E-03	4.29E-04	5.53E-03
2546	NG_1242	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.107	1.93E-02	4.06E-02	5.56E-01	3.24E-02	1.05E-05	4.85E-02	6.22E-03	1.94E-03	3.79E-11	1.01E-03	2.68E-06	1.89E-06	2.95E-05	1.84E-05	1.10E-04	1.74E-06	3.97E-05	5.42E-03	5.02E-04	6.46E-03
2547	NG_1243	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.107	2.25E-02	4.72E-02	6.46E-01	3.72E-02	1.22E-05	5.63E-02	7.22E-03	2.25E-03	4.41E-11	1.17E-03	3.11E-06	2.19E-06	3.43E-05	2.14E-05	1.28E-04	2.02E-06	4.62E-05	6.30E-03	5.83E-04	7.51E-03
2548	NG_1244	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.107	2.54E-02	5.34E-02	7.30E-01	4.17E-02	1.38E-05	6.37E-02	8.16E-03	2.55E-03	4.98E-11	1.32E-03	3.51E-06	2.47E-06	3.88E-05	2.41E-05	1.45E-04	2.29E-06	5.22E-05	7.12E-03	6.59E-04	8.49E-03
2549	NG_1245	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.107	2.78E-02	5.85E-02	8.00E-01	4.53E-02	1.51E-05	7.01E-02	8.94E-03	2.79E-03	5.46E-11	1.45E-03	3.85E-06	2.71E-06	4.25E-05	2.64E-05	1.58E-04	2.51E-06	5.72E-05	7.81E-03	7.22E-04	9.30E-03
2550	NG_1246	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.107	2.91E-02	6.11E-02	8.36E-01	4.71E-02	1.58E-05	7.36E-02	9.35E-03	2.92E-03	5.71E-11	1.52E-03	4.02E-06	2.82E-06	4.44E-05	2.76E-05	1.66E-04	2.62E-06	5.98E-05	8.16E-03	7.55E-04	9.72E-03
2555	NG_1251	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.107	2.14E-02	4.49E-02	6.15E-01	3.23E-02	1.16E-05	4.97E-02	6.88E-03	2.15E-03	4.20E-11	1.11E-03	2.95E-06	2.06E-06	3.26E-05	2.03E-05	1.22E-04	1.93E-06	4.40E-05	6.00E-03	5.55E-04	7.15E-03
2556	NG_1252	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.107	1.94E-02	4.07E-02	5.57E-01	2.90E-02	1.05E-05	4.43E-02	6.23E-03	1.94E-03	3.80E-11	1.01E-03	2.67E-06	1.87E-06	2.96E-05	1.84E-05	1.10E-04	1.74E-06	3.98E-05	5.43E-03	5.03E-04	6.48E-03
2557	NG_1253	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.107	1.77E-02	3.72E-02	5.09E-01	2.64E-02	9.61E-06	4.02E-02	5.69E-03	1.78E-03	3.47E-11	9.22E-04	2.44E-06	1.71E-06	2.70E-05	1.68E-05	1.01E-04	1.59E-06	3.64E-05	4.97E-03	4.60E-04	5.92E-03
2558	NG_1254	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.107	1.65E-02	3.47E-02	4.74E-01	2.46E-02	8.96E-06	3.74E-02	5.30E-03	1.65E-03	3.24E-11	8.59E-04	2.27E-06	1.59E-06	2.52E-05	1.57E-05	9.39E-05	1.49E-06	3.39E-05	4.63E-03	4.28E-04	5.52E-03
2561	NG_1257	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.107	1.46E-02	3.07E-02	4.20E-01	2.23E-02	7.93E-06	3.33E-02	4.70E-03	1.47E-03	2.87E-11	7.61E-04	2.01E-06	1.41E-06	2.23E-05	1.39E-05	8.31E-05	1.32E-06	3.00E-05	4.10E-03	3.79E-04	4.89E-03
2562	NG_1258	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.107	1.43E-02	3.01E-02	4.12E-01	2.20E-02	7.76E-06	3.27E-02	4.60E-03	1.43E-03	2.81E-11	7.45E-04	1.97E-06	1.38E-06	2.18E-05	1.36E-05	8.14E-05	1.29E-06	2.94E-05	4.01E-03	3.71E-04	4.78E-03
2563	NG_1259	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.107	1.37E-02	2.87E-02	3.93E-01	2.13E-02	7.42E-06	3.11E-02	4.39E-03	1.37E-03	2.68E-11	7.12E-04	1.88E-06	1.31E-06	2.09E-05	1.30E-05	7.78E-05	1.23E-06	2.81E-05	3.83E-03	3.55E-04	4.57E-03
2564	NG_1260	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.107	1.28E-02	2.69E-02	3.69E-01	2.01E-02	6.95E-06	2.91E-02	4.12E-03	1.29E-03	2.51E-11	6.67E-04	1.76E-06	1.23E-06	1.95E-05	1.22E-05	7.29E-05	1.15E-06	2.63E-05	3.59E-03	3.33E-04	4.28E-03
2565	NG_1261	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.107	1.19E-02	2.50E-02	3.42E-01	1.89E-02	6.45E-06	2.68E-02	3.82E-03	1.19E-03	2.33E-11	6.19E-04	1.64E-06	1.14E-06	1.81E-05	1.13E-05	6.77E-05	1.07E-06	2.44E-05	3.34E-03	3.09E-04	3.98E-03
2567	NG_1263	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.107	9.87E-03	2.07E-02	2.84E-01	1.59E-02	5.35E-06	2.17E-02	3.17E-03	9.89E-04	1.94E-11	5.14E-04	1.36E-06	9.45E-07	1.50E-05	9.36E-06	5.61E-05	8.88E-07	2.03E-05	2.77E-03	2.56E-04	3.30E-03
2568	NG_1264	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.107	9.16E-03	1.92E-02	2.64E-01	1.49E-02	4.97E-06	2.00E-02	2.94E-03	9.19E-04	1.80E-11	4.77E-04	1.26E-06	8.77E-07	1.40E-05	8.69E-06	5.21E-05	8.24E-07	1.88E-05	2.57E-03	2.38E-04	3.06E-03
2569	NG_1265	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.107	8.58E-03	1.80E-02	2.47E-01	1.40E-02	4.65E-06	1.85E-02	2.76E-03	8.60E-04	1.68E-11	4.47E-04	1.18E-06	8.21E-07	1.31E-05	8.13E-06	4.88E-05	7.72E-07	1.76E-05	2.40E-03	2.23E-04	2.87E-03
2570	NG_1266	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.107	8.03E-03	1.69E-02	2.32E-01	1.32E-02	4.36E-06	1.71E-02	2.58E-03	8.05E-04	1.58E-11	4.18E-04	1.10E-06	7.69E-07	1.22E-05	7.62E-06	4.57E-05	7.23E-07	1.65E-05	2.25E-03	2.08E-04	2.68E-03
2571	NG_1267	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.107	7.58E-03	1.59E-02	2.19E-01	1.25E-02	4.11E-06	1.59E-02	2.43E-03	7.60E-04	1.49E-11	3.95E-04	1.04E-06	7.26E-07	1.16E-05	7.19E-06	4.31E-05	6.82E-07	1.56E-05	2.13E-03	1.97E-04	2.53E-03
2572	NG_1268	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.107	7.25E-03	1.52E-02	2.09E-01	1.20E-02	3.93E-06	1.51E-02	2.33E-03	7.27E-04	1.42E-11	3.77E-04	9.96E-07	6.94E-07	1.11E-05	6.87E-06	4.12E-05	6.52E-07	1.49E-05	2.03E-03	1.88E-04	2.42E-03

AQIA DATA - SCENARIO 1 COMMERCIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.24E-01**	**2.60E-01**	**3.55E+00**	**1.99E-01**	**6.74E-05**	**3.58E-01**	**3.98E-02**	**1.24E-02**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**3.47E-02**	**3.21E-03**	**4.14E-02**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2573	NG_1269	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.107	7.01E-03	1.47E-02	2.02E-01	1.17E-02	3.80E-06	1.45E-02	2.25E-03	7.03E-04	1.38E-11	3.65E-04	9.64E-07	6.72E-07	1.07E-05	6.65E-06	3.99E-05	6.31E-07	1.44E-05	1.97E-03	1.82E-04	2.34E-03
2574	NG_1270	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.107	6.84E-03	1.44E-02	1.97E-01	1.14E-02	3.71E-06	1.40E-02	2.20E-03	6.86E-04	1.34E-11	3.56E-04	9.40E-07	6.56E-07	1.04E-05	6.48E-06	3.89E-05	6.15E-07	1.40E-05	1.92E-03	1.77E-04	2.28E-03
2575	NG_1271	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.107	6.70E-03	1.41E-02	1.94E-01	1.12E-02	3.64E-06	1.37E-02	2.15E-03	6.72E-04	1.32E-11	3.49E-04	9.22E-07	6.43E-07	1.02E-05	6.36E-06	3.81E-05	6.03E-07	1.38E-05	1.88E-03	1.74E-04	2.24E-03
2576	NG_1272	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.157	7.25E-03	1.52E-02	2.09E-01	1.25E-02	3.94E-06	1.74E-02	2.33E-03	7.27E-04	1.42E-11	3.78E-04	1.00E-06	7.03E-07	1.11E-05	6.89E-06	4.12E-05	6.53E-07	1.49E-05	2.03E-03	1.88E-04	2.42E-03
2577	NG_1273	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.157	7.58E-03	1.59E-02	2.18E-01	1.30E-02	4.12E-06	1.83E-02	2.43E-03	7.60E-04	1.49E-11	3.95E-04	1.05E-06	7.35E-07	1.16E-05	7.20E-06	4.31E-05	6.82E-07	1.56E-05	2.12E-03	1.97E-04	2.53E-03
2578	NG_1274	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.157	7.91E-03	1.66E-02	2.28E-01	1.36E-02	4.30E-06	1.92E-02	2.54E-03	7.93E-04	1.55E-11	4.12E-04	1.09E-06	7.67E-07	1.21E-05	7.51E-06	4.50E-05	7.12E-07	1.62E-05	2.22E-03	2.05E-04	2.64E-03
2579	NG_1275	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.157	8.28E-03	1.74E-02	2.39E-01	1.42E-02	4.50E-06	2.02E-02	2.66E-03	8.30E-04	1.62E-11	4.31E-04	1.14E-06	8.04E-07	1.26E-05	7.87E-06	4.71E-05	7.46E-07	1.70E-05	2.32E-03	2.15E-04	2.77E-03
2580	NG_1276	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.157	8.74E-03	1.84E-02	2.52E-01	1.50E-02	4.75E-06	2.13E-02	2.81E-03	8.76E-04	1.71E-11	4.55E-04	1.21E-06	8.48E-07	1.33E-05	8.30E-06	4.97E-05	7.87E-07	1.79E-05	2.45E-03	2.27E-04	2.92E-03
2581	NG_1277	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.157	9.28E-03	1.95E-02	2.67E-01	1.60E-02	5.04E-06	2.27E-02	2.98E-03	9.31E-04	1.82E-11	4.84E-04	1.28E-06	9.02E-07	1.42E-05	8.82E-06	5.28E-05	8.36E-07	1.91E-05	2.60E-03	2.41E-04	3.10E-03
2582	NG_1278	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.157	1.00E-02	2.11E-02	2.89E-01	1.72E-02	5.45E-06	2.47E-02	3.22E-03	1.01E-03	1.97E-11	5.23E-04	1.39E-06	9.76E-07	1.53E-05	9.53E-06	5.71E-05	9.04E-07	2.06E-05	2.81E-03	2.60E-04	3.35E-03
2583	NG_1279	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.157	1.12E-02	2.34E-02	3.21E-01	1.92E-02	6.06E-06	2.76E-02	3.59E-03	1.12E-03	2.19E-11	5.81E-04	1.54E-06	1.09E-06	1.70E-05	1.06E-05	6.35E-05	1.01E-06	2.29E-05	3.13E-03	2.90E-04	3.73E-03
2584	NG_1280	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.157	1.25E-02	2.63E-02	3.60E-01	2.14E-02	6.80E-06	3.09E-02	4.02E-03	1.26E-03	2.46E-11	6.52E-04	1.73E-06	1.22E-06	1.91E-05	1.19E-05	7.12E-05	1.13E-06	2.57E-05	3.51E-03	3.25E-04	4.18E-03
2585	NG_1281	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.157	1.41E-02	2.96E-02	4.06E-01	2.40E-02	7.67E-06	3.48E-02	4.53E-03	1.41E-03	2.77E-11	7.35E-04	1.95E-06	1.37E-06	2.15E-05	1.34E-05	8.02E-05	1.27E-06	2.90E-05	3.96E-03	3.66E-04	4.71E-03
2586	NG_1282	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.157	1.61E-02	3.37E-02	4.62E-01	2.70E-02	8.72E-06	3.96E-02	5.16E-03	1.61E-03	3.15E-11	8.36E-04	2.22E-06	1.56E-06	2.45E-05	1.52E-05	9.13E-05	1.45E-06	3.30E-05	4.50E-03	4.16E-04	5.36E-03
2587	NG_1283	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.157	1.85E-02	3.88E-02	5.31E-01	3.08E-02	1.00E-05	4.55E-02	5.93E-03	1.85E-03	3.62E-11	9.61E-04	2.55E-06	1.80E-06	2.81E-05	1.75E-05	1.05E-04	1.66E-06	3.79E-05	5.17E-03	4.79E-04	6.17E-03
2588	NG_1284	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.157	2.10E-02	4.41E-02	6.03E-01	3.47E-02	1.14E-05	5.18E-02	6.74E-03	2.10E-03	4.11E-11	1.09E-03	2.90E-06	2.04E-06	3.20E-05	1.99E-05	1.19E-04	1.89E-06	4.31E-05	5.88E-03	5.44E-04	7.01E-03
2589	NG_1285	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.157	2.34E-02	4.91E-02	6.72E-01	3.83E-02	1.27E-05	5.79E-02	7.51E-03	2.34E-03	4.58E-11	1.22E-03	3.23E-06	2.27E-06	3.57E-05	2.22E-05	1.33E-04	2.10E-06	4.80E-05	6.55E-03	6.06E-04	7.81E-03
2590	NG_1286	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.157	2.52E-02	5.30E-02	7.25E-01	4.11E-02	1.37E-05	6.29E-02	8.11E-03	2.53E-03	4.95E-11	1.31E-03	3.48E-06	2.45E-06	3.85E-05	2.40E-05	1.44E-04	2.27E-06	5.18E-05	7.08E-03	6.55E-04	8.43E-03
2591	NG_1287	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.157	2.60E-02	5.46E-02	7.48E-01	4.22E-02	1.41E-05	6.52E-02	8.36E-03	2.61E-03	5.10E-11	1.35E-03	3.59E-06	2.52E-06	3.97E-05	2.47E-05	1.48E-04	2.34E-06	5.34E-05	7.30E-03	6.75E-04	8.69E-03
2596	NG_1292	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.157	1.92E-02	4.04E-02	5.53E-01	2.91E-02	1.04E-05	4.44E-02	6.18E-03	1.93E-03	3.77E-11	1.00E-03	2.65E-06	1.85E-06	2.93E-05	1.82E-05	1.09E-04	1.73E-06	3.95E-05	5.39E-03	4.99E-04	6.43E-03
2597	NG_1293	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.157	1.75E-02	3.67E-02	5.02E-01	2.62E-02	9.47E-06	3.96E-02	5.61E-03	1.75E-03	3.42E-11	9.09E-04	2.40E-06	1.68E-06	2.66E-05	1.66E-05	9.93E-05	1.57E-06	3.59E-05	4.89E-03	4.53E-04	5.83E-03
2598	NG_1294	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.157	1.60E-02	3.36E-02	4.59E-01	2.38E-02	8.67E-06	3.59E-02	5.13E-03	1.60E-03	3.13E-11	8.32E-04	2.20E-06	1.54E-06	2.44E-05	1.52E-05	9.09E-05	1.44E-06	3.28E-05	4.48E-03	4.15E-04	5.34E-03
2599	NG_1295	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.157	1.49E-02	3.13E-02	4.29E-01	2.22E-02	8.09E-06	3.35E-02	4.79E-03	1.49E-03	2.92E-11	7.76E-04	2.05E-06	1.44E-06	2.27E-05	1.41E-05	8.48E-05	1.34E-06	3.06E-05	4.18E-03	3.87E-04	4.98E-03
2600	NG_1296	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.157	1.42E-02	2.98E-02	4.08E-01	2.12E-02	7.70E-06	3.19E-02	4.56E-03	1.42E-03	2.78E-11	7.39E-04	1.96E-06	1.37E-06	2.16E-05	1.35E-05	8.07E-05	1.28E-06	2.91E-05	3.98E-03	3.68E-04	4.74E-03
2602	NG_1298	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.157	1.36E-02	2.85E-02	3.90E-01	2.06E-02	7.36E-06	3.07E-02	4.35E-03	1.36E-03	2.66E-11	7.06E-04	1.87E-06	1.31E-06	2.07E-05	1.29E-05	7.71E-05	1.22E-06	2.78E-05	3.80E-03	3.52E-04	4.53E-03
2603	NG_1299	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.157	1.33E-02	2.80E-02	3.84E-01	2.05E-02	7.24E-06	3.02E-02	4.29E-03	1.34E-03	2.62E-11	6.95E-04	1.84E-06	1.29E-06	2.04E-05	1.27E-05	7.59E-05	1.20E-06	2.74E-05	3.74E-03	3.46E-04	4.46E-03
2604	NG_1300	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.157	1.29E-02	2.70E-02	3.70E-01	1.99E-02	6.98E-06	2.91E-02	4.13E-03	1.29E-03	2.52E-11	6.70E-04	1.77E-06	1.24E-06	1.96E-05	1.22E-05	7.32E-05	1.16E-06	2.64E-05	3.61E-03	3.34E-04	4.30E-03
2605	NG_1301	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.157	1.22E-02	2.56E-02	3.51E-01	1.90E-02	6.62E-06	2.75E-02	3.92E-03	1.22E-03	2.39E-11	6.35E-04	1.68E-06	1.17E-06	1.86E-05	1.16E-05	6.94E-05	1.10E-06	2.51E-05	3.42E-03	3.17E-04	4.08E-03
2606	NG_1302	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.157	1.14E-02	2.40E-02	3.30E-01	1.80E-02	6.21E-06	2.56E-02	3.68E-03	1.15E-03	2.24E-11	5.96E-04	1.57E-06	1.10E-06	1.74E-05	1.09E-05	6.51E-05	1.03E-06	2.35E-05	3.21E-03	2.97E-04	3.82E-03
2607	NG_1303	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.157	1.05E-02	2.21E-02	3.03E-01	1.67E-02	5.70E-06	2.33E-02	3.37E-03	1.05E-03	2.06E-11	5.47E-04	1.44E-06	1.01E-06	1.60E-05	9.96E-06	5.97E-05	9.45E-07	2.16E-05	2.95E-03	2.73E-04	3.51E-03
2608	NG_1304	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.157	9.63E-03	2.02E-02	2.78E-01	1.55E-02	5.22E-06	2.12E-02	3.09E-03	9.65E-04	1.89E-11	5.01E-04	1.32E-06	9.23E-07	1.47E-05	9.13E-06	5.48E-05	8.66E-07	1.98E-05	2.70E-03	2.50E-04	3.22E-03
2609	NG_1305	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.157	8.89E-03	1.87E-02	2.56E-01	1.44E-02	4.82E-06	1.94E-02	2.86E-03	8.92E-04	1.74E-11	4.63E-04	1.22E-06	8.52E-07	1.36E-05	8.43E-06	5.06E-05	8.00E-07	1.83E-05	2.49E-03	2.31E-04	2.97E-03
2610	NG_1306	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.157	8.31E-03	1.75E-02	2.40E-01	1.36E-02	4.51E-06	1.79E-02	2.67E-03	8.33E-04	1.63E-11	4.33E-04	1.14E-06	7.96E-07	1.27E-05	7.88E-06	4.73E-05	7.47E-07	1.71E-05	2.33E-03	2.16E-04	2.78E-03
2611	NG_1307	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.157	7.79E-03	1.64E-02	2.25E-01	1.28E-02	4.22E-06	1.66E-02	2.50E-03	7.81E-04	1.53E-11	4.05E-04	1.07E-06	7.46E-07	1.19E-05	7.38E-06	4.43E-05	7.01E-07	1.60E-05	2.18E-03	2.02E-04	2.60E-03
2612	NG_1308	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.157	7.32E-03	1.54E-02	2.11E-01	1.21E-02	3.97E-06	1.54E-02	2.35E-03	7.33E-04	1.43E-11	3.81E-04	1.01E-06	7.01E-07	1.12E-05	6.94E-06	4.16E-05	6.58E-07	1.50E-05	2.05E-03	1.90E-04	2.44E-03
2613	NG_1309	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.157	6.94E-03	1.46E-02	2.00E-01	1.15E-02	3.76E-06	1.45E-02	2.23E-03	6.96E-04	1.36E-11	3.61E-04	9.54E-07	6.65E-07	1.06E-05	6.58E-06	3.95E-05	6.25E-07	1.43E-05	1.95E-03	1.80E-04	2.32E-03
2614	NG_1310	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.157	6.69E-03	1.40E-02	1.93E-01	1.11E-02	3.63E-06	1.38E-02	2.15E-03	6.70E-04	1.31E-11	3.48E-04	9.19E-07	6.41E-07	1.02E-05	6.34E-06	3.80E-05	6.02E-07	1.37E-05	1.87E-03	1.74E-04	2.23E-03
2615	NG_1311	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.157	6.50E-03	1.37E-02	1.88E-01	1.08E-02	3.53E-06	1.33E-02	2.09E-03	6.52E-04	1.28E-11	3.39E-04	8.94E-07	6.24E-07	9.92E-06	6.17E-06	3.70E-05	5.85E-07	1.34E-05	1.82E-03	1.69E-04	2.17E-03
2616	NG_1312	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.157	6.34E-03	1.33E-02	1.83E-01	1.06E-02	3.44E-06	1.29E-02	2.04E-03	6.36E-04	1.24E-11	3.30E-04	8.72E-07	6.08E-07	9.67E-06	6.01E-06	3.61E-05	5.71E-07	1.30E-05	1.78E-03	1.65E-04	2.12E-03
2617	NG_1313	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.207	6.89E-03	1.45E-02	1.99E-01	1.19E-02	3.74E-06	1.65E-02	2.21E-03	6.90E-04	1.35E-11	3.59E-04	9.51E-07	6.67E-07	1.05E-05	6.54E-06	3.92E-05	6.20E-07	1.41E-05	1.93E-03	1.79E-04	2.30E-03
2618	NG_1314	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.207	7.18E-03	1.51E-02	2.07E-01	1.25E-02	3.90E-06	1.73E-02	2.31E-03	7.20E-04	1.41E-11	3.74E-04	9.91E-07	6.96E-07	1.10E-05	6.82E-06	4.08E-05	6.46E-07	1.47E-05	2.01E-03	1.86E-04	2.40E-03
2619	NG_1315	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.207	7.48E-03	1.57E-02	2.16E-01	1.30E-02	4.07E-06	1.81E-02	2.40E-03	7.50E-04	1.47E-11	3.90E-04	1.03E-06	7.26E-07	1.14E-05	7.11E-06	4.26E-05	6.74E-07	1.54E-05	2.10E-03	1.94E-04	2.50E-03
2620	NG_1316	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.207	7.88E-03	1.65E-02	2.27E-01	1.37E-02	4.28E-06	1.91E-02	2.53E-03	7.90E-04	1.55E-11	4.10E-04	1.09E-06	7.64E-07	1.20E-05	7.48E-06	4.48E-05	7.09E-07	1.62E-05	2.21E-03	2.04E-04	2.63E-03
2621	NG_1317	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.207	8.31E-03	1.75E-02	2.40E-01	1.44E-02	4.52E-06	2.01E-02	2.67E-03	8.33E-04	1.63E-11	4.33E-04	1.15E-06	8.07E-07	1.27E-05	7.90E-06	4.73E-05	7.48E-07	1.71E-05	2.33E-03	2.16E-04	2.78E-03
2622	NG_1318	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.207	8.91E-03	1.87E-02	2.57E-01	1.54E-02	4.84E-06	2.16E-02	2.86E-03	8.93E-04	1.75E-11	4.64E-04	1.23E-06	8.66E-07	1.36E-05	8.46E-06	5.07E-05	8.02E-07	1.83E-05	2.50E-03	2.31E-04	2.98E-03
2623	NG_1319	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.207	9.67E-03	2.03E-02	2.79E-01	1.67E-02	5.25E-06	2.35E-02	3.11E-03	9.69E-04	1.90E-11	5.04E-04	1.34E-06	9.40E-07	1.47E-05	9.19E-06	5.50E-05	8.71E-07	1.99E-05	2.71E-03	2.51E-04	3.23E-03
2624	NG_1320	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.207	1.08E-02	2.27E-02	3.11E-01	1.85E-02	5.86E-06	2.62E-02	3.47E-03	1.08E-03	2.12E-11	5.62E-04	1.49E-06	1.05E-06	1.65E-05	1.02E-05	6.13E-05	9.71E-07	2.21E-05	3.02E-03	2.80E-04	3.60E-03
2625	NG_1321	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.207	1.21E-02	2.54E-02	3.48E-01	2.07E-02	6.57E-06	2.94E-02	3.89E-03	1.21E-03	2.37E-11	6.30E-04	1.67E-06	1.18E-06	1.85E-05	1.15E-05	6.88E-05	1.09E-06	2.48E-05	3.39E-03	3.14E-04	4.04E-03
2626	NG_1322	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.207	1.37E-02	2.89E-02	3.96E-01	2.33E-02	7.47E-06	3.34E-02	4.41E-03	1.38E-03	2.69E-11	7.16E-04	1.90E-06	1.34E-06	2.10E-05	1.31E-05	7.81E-05	1.24E-06	2.82E-05	3.85E-03	3.56E-04	4.59E-03
2627	NG_1323	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.207	1.55E-02	3.26E-02	4.47E-01	2.61E-02	8.43E-06	3.77E-02	4.99E-03	1.56E-03	3.04E-11	8.08E-04	2.14E-06	1.51E-06	2.37E-05	1.47E-05	8.82E-05	1.40E-06	3.19E-05	4.35E-03	4.03E-04	5.18E-03
2628	NG_1324	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.207	1.77E-02	3.71E-02	5.09E-01	2.94E-02	9.61E-06	4.30E-02	5.68E-03	1.77E-03	3.47E-11	9.21E-04	2.44E-06	1.72E-06	2.70E-05	1.68E-05	1.01E-04	1.59E-06	3.63E-05	4.96E-03	4.59E-04	5.91E-03
2629	NG_1325	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.207	1.98E-02	4.15E-02	5.69E-01	3.26E-02	1.07E-05	4.81E-02	6.35E-03	1.98E-03	3.88E-11	1.03E-03	2.73E-06	1.92E-06	3.02E-05	1.88E-05	1.12E-04	1.78E-06	4.06E-05	5.54E-03	5.13E-04	6.61E-03
2630	NG_1326	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.207	2.16E-02	4.54E-02	6.22E-01	3.54E-02	1.17E-05	5.29E-02	6.94E-03	2.17E-03	4.24E-11	1.13E-03	2.98E-06	2.10E-06	3.30E-05	2.05E-05	1.23E-04	1.95E-06	4.44E-05	6.06E-03	5.61E-04	7.22E-03
2631	NG_1327	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.207	2.28E-02	4.79E-02	6.55E-01	3.72E-02	1.24E-05	5.62E-02	7.32E-03	2.29E-03	4.47E-11	1.19E-03	3.15E-06	2.21E-06	3.48E-05	2.16E-05	1.30E-04	2.05E-06	4.68E-05	6.39E-03	5.91E-04	7.62E-03
2632	NG_1328	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.207	2.31E-02	4.86E-02	6.65E-01	3.76E-02	1.26E-05	5.73E-02	7.43E-03	2.32E-03	4.54E-11	1.21E-03	3.19E-06	2.24E-06	3.53E-05	2.20E-05	1.32E-04	2.08E-06	4.75E-05	6.49E-03	6.00E-04	7.73E-03
2637	NG_1333	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.207	1.72E-02	3.62E-02	4.96E-01	2.62E-02	9.36E-06	3.95E-02	5.54E-03	1.73E-03	3.38E-11	8.98E-04	2.37E-06	1.66E-06	2.63E-05	1.64E-05	9.81E-05	1.55E-06	3.54E-05	4.83E-03	4.47E-04	5.76E-03
2638	NG_1334	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.207	1.57E-02	3.29E-02	4.51E-01	2.35E-02	8.50E-06	3.53E-02	5.03E-03	1.57E-03	3.07E-11	8.16E-04	2.16E-06	1.51E-06	2.39E-05	1.49E-05	8.91E-05	1.41E-06	3.22E-05	4.39E-03	4.07E-04	5.24E-03
2639	NG_1335	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.207	1.45E-02	3.04E-02	4.16E-01	2.16E-02	7.85E-06	3.23E-02	4.65E-03	1.45E-03	2.84E-11	7.53E-04	1.99E-06	1.39E-06	2.21E-05	1.37E-05	8.23E-05	1.30E-06	2.97E-05	4.06E-03	3.75E-04	4.83E-03
2640	NG_1336	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.207	1.36E-02	2.85E-02	3.90E-01	2.02E-02	7.36E-06	3.02E-02	4.35E-03	1.36E-03	2.66E-11	7.06E-04	1.87E-06	1.31E-06	2.07E-05	1.29E-05	7.71E-05	1.22E-06	2.78E-05	3.80E-03	3.52E-04	4.53E-03
2641	NG_1337	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.207	1.30E-02	2.73E-02	3.74E-01	1.95E-02	7.06E-06	2.90E-02	4.18E-03	1.30E-03	2.55E-11	6.77E-04	1.79E-06	1.25E-06	1.98E-05	1.23E-05	7.39E-05	1.17E-06	2.67E-05	3.65E-03	3.37E-04	4.34E-03
2642	NG_1338	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.207	1.27E-02	2.68E-02	3.67E-01	1.92E-02	6.92E-06	2.86E-02	4.10E-03	1.28E-03	2.50E-11	6.64E-04	1.76E-06	1.23E-06	1.94E-05	1.21E-05	7.25E-05	1.15E-06	2.62E-05	3.57E-03	3.31E-04	4.26E-03
2643	NG_1339	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.207	1.26E-02	2.65E-02	3.63E-01	1.91E-02	6.84E-06	2.83E-02	4.05E-03	1.26E-03	2.47E-11	6.56E-04	1.74E-06	1.22E-06	1.92E-05	1.20E-05	7.17E-05	1.13E-06	2.59E-05	3.53E-03	3.27E-04	4.21E-03
2644	NG_1340	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.207	1.25E-02	2.63E-02	3.60E-01	1.91E-02	6.79E-06	2.82E-02	4.02E-03	1.25E-03	2.45E-11	6.51E-04	1.72E-06	1.21E-06	1.91E-05	1.19E-05	7.11E-05	1.13E-06	2.57E-05	3.51E-03	3.24E-04	4.18E-03
2645	NG_1341	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.207	1.22E-02	2.57E-02	3.52E-01	1.88E-02	6.63E-06	2.75E-02	3.93E-03	1.23E-03	2.40E-11	6.36E-04	1.68E-06	1.18E-06	1.86E-05	1.16E-05	6.95E-05	1.10E-06	2.51E-05	3.43E-03	3.17E-04	4.08E-03
2646	NG_1342	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.207	1.17E-02	2.46E-02	3.37E-01	1.82E-02	6.36E-06	2.62E-02	3.76E-03	1.17E-03	2.30E-11	6.10E-04	1.61E-06	1.13E-06	1.79E-05	1.11E-05	6.66E-05	1.05E-06	2.41E-05	3.29E-03	3.04E-04	3.92E-03
2647	NG_1343	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.207	1.10E-02	2.30E-02	3.16E-01	1.72E-02	5.95E-06	2.44E-02	3.52E-03	1.10E-03	2.15E-11	5.71E-04	1.51E-06	1.05E-06	1.67E-05	1.04E-05	6.24E-05	9.87E-07	2.25E-05	3.08E-03	2.85E-04	3.67E-03
2648	NG_1344	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.207	1.01E-02	2.13E-02	2.92E-01	1.60E-02	5.50E-06	2.24E-02	3.26E-03	1.02E-03	1.99E-11	5.28E-04	1.40E-06	9.74E-07	1.55E-05	9.62E-06	5.77E-05	9.13E-07	2.08E-05	2.84E-03	2.63E-04	3.39E-03
2649	NG_1345	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.207	9.41E-03	1.98E-02	2.71E-01	1.50E-02	5.10E-06	2.06E-02	3.02E-03	9.43E-04	1.85E-11	4.90E-04	1.29E-06	9.03E-07	1.43E-05	8.92E-06	5.35E-05	8.46E-07	1.93E-05	2.64E-03	2.44E-04	3.14E-03
2650	NG_1346	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.207	8.73E-03	1.83E-02	2.52E-01	1.41E-02	4.73E-06	1.90E-02	2.80E-03	8.75E-04	1.71E-11	4.54E-04	1.20E-06	8.37E-07	1.33E-05	8.28E-06	4.96E-05	7.85E-07	1.79E-05	2.45E-03	2.27E-04	2.92E-03
2651	NG_1347	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.207	8.16E-03	1.71E-02	2.35E-01	1.32E-02	4.43E-06	1.76E-02	2.62E-03	8.18E-04	1.60E-11	4.25E-04	1.12E-06	7.82E-07	1.24E-05	7.74E-06	4.64E-05	7.34E-07	1.68E-05	2.29E-03	2.12E-04	2.73E-03
2652	NG_1348	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.207	7.56E-03	1.59E-02	2.18E-01	1.24E-02	4.10E-06	1.61E-02	2.43E-03	7.58E-04	1.48E-11	3.94E-04	1.04E-06	7.25E-07	1.15E-05	7.17E-06	4.30E-05	6.80E-07	1.55E-05	2.12E-03	1.96E-04	2.53E-03
2653	NG_1349	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.207	7.09E-03	1.49E-02	2.05E-01	1.17E-02	3.85E-06	1.50E-02	2.28E-03	7.11E-04	1.39E-11	3.69E-04	9.75E-07	6.80E-07	1.08E-05	6.73E-06	4.03E-05	6.38E-07	1.46E-05	1.99E-03	1.84E-04	2.37E-03
2654	NG_1350	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.207	6.71E-03	1.41E-02	1.94E-01	1.11E-02	3.64E-06	1.40E-02	2.16E-03	6.73E-04	1.32E-11	3.49E-04	9.23E-07	6.43E-07	1.02E-05	6.36E-06	3.82E-05	6.04E-07	1.38E-05	1.88E-03	1.74E-04	2.24E-03
2655	NG_1351	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.207	6.43E-03	1.35E-02	1.86E-01	1.07E-02	3.49E-06	1.33E-02	2.07E-03	6.45E-04	1.26E-11	3.35E-04	8.84E-07	6.17E-07	9.81E-06	6.10E-06	3.66E-05	5.79E-07	1.32E-05	1.80E-03	1.67E-04	2.15E-03
2656	NG_1352	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.207	6.20E-03	1.30E-02	1.79E-01	1.03E-02	3.36E-06	1.27E-02	1.99E-03	6.22E-04	1.22E-11	3.23E-04	8.53E-07	5.95E-07	9.46E-06	5.88E-06	3.53E-05	5.58E-07	1.27E-05	1.74E-03	1.61E-04	2.07E-03
2657	NG_1353	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.207	6.02E-03	1.26E-02	1.74E-01	1.00E-02	3.26E-06	1.22E-02	1.93E-03	6.03E-04	1.18E-11	3.13E-04	8.28E-07	5.78E-07	9.18E-06	5.71E-06	3.42E-05	5.41E-07	1.24E-05	1.69E-03	1.56E-04	2.01E-03
2658	NG_1354	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.257	6.56E-03	1.38E-02	1.89E-01	1.15E-02	3.56E-06	1.56E-02	2.11E-03	6.57E-04	1.29E-11	3.42E-04	9.05E-07	6.35E-07	1.00E-05	6.23E-06	3.73E-05	5.90E-07	1.35E-05	1.84E-03	1.70E-04	2.19E-03
2659	NG_1355	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.257	6.82E-03	1.43E-02	1.97E-01	1.19E-02	3.71E-06	1.63E-02	2.19E-03	6.84E-04	1.34E-11	3.55E-04	9.42E-07	6.61E-07	1.04E-05	6.48E-06	3.88E-05	6.14E-07	1.40E-05	1.91E-03	1.77E-04	2.28E-03
2660	NG_1356	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.257	7.13E-03	1.50E-02	2.06E-01	1.25E-02	3.87E-06	1.71E-02	2.29E-03	7.15E-04	1.40E-11	3.71E-04	9.84E-07	6.91E-07	1.09E-05	6.77E-06	4.05E-05	6.42E-07	1.46E-05	2.00E-03	1.85E-04	2.38E-03
2661	NG_1357	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.257	7.50E-03	1.58E-02	2.16E-01	1.31E-02	4.08E-06	1.80E-02	2.41E-03	7.52E-04	1.47E-11	3.91E-04	1.04E-06	7.28E-07	1.14E-05	7.13E-06	4.27E-05	6.76E-07	1.54E-05	2.10E-03	1.95E-04	2.51E-03
2662	NG_1358	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.257	7.96E-03	1.67E-02	2.30E-01	1.38E-02	4.33E-06	1.90E-02	2.56E-03	7.98E-04	1.56E-11	4.15E-04	1.10E-06	7.73E-07	1.21E-05	7.56E-06	4.53E-05	7.17E-07	1.63E-05	2.23E-03	2.07E-04	2.66E-03
2663	NG_1359	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.257	8.55E-03	1.80E-02	2.46E-01	1.48E-02	4.64E-06	2.04E-02	2.75E-03	8.57E-04	1.68E-11	4.45E-04	1.18E-06	8.31E-07	1.30E-05	8.12E-06	4.86E-05	7.70E-07	1.76E-05	2.40E-03	2.22E-04	2.86E-03
2664	NG_1360	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.257	9.38E-03	1.97E-02	2.70E-01	1.62E-02	5.10E-06	2.24E-02	3.01E-03	9.41E-04	1.84E-11	4.89E-04	1.30E-06	9.12E-07	1.43E-05	8.91E-06	5.34E-05	8.45E-07	1.93E-05	2.63E-03	2.43E-04	3.14E-03
2665	NG_1361	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.257	1.05E-02	2.21E-02	3.03E-01	1.80E-02	5.71E-06	2.52E-02	3.38E-03	1.05E-03	2.06E-11	5.47E-04	1.45E-06	1.02E-06	1.60E-05	9.99E-06	5.98E-05	9.46E-07	2.16E-05	2.95E-03	2.73E-04	3.51E-03
2666	NG_1362	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.257	1.18E-02	2.48E-02	3.40E-01	2.02E-02	6.42E-06	2.83E-02	3.80E-03	1.18E-03	2.32E-11	6.16E-04	1.63E-06	1.15E-06	1.80E-05	1.12E-05	6.72E-05	1.06E-06	2.43E-05	3.31E-03	3.07E-04	3.95E-03

AQIA DATA - SCENARIO 1 COMMERCIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.24E-01**	**2.60E-01**	**3.55E+00**	**1.99E-01**	**6.74E-05**	**3.58E-01**	**3.98E-02**	**1.24E-02**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**3.47E-02**	**3.21E-03**	**4.14E-02**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2667	NG_1363	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.257	1.33E-02	2.78E-02	3.82E-01	2.24E-02	7.20E-06	3.17E-02	4.26E-03	1.33E-03	2.60E-11	6.90E-04	1.83E-06	1.29E-06	2.02E-05	1.26E-05	7.54E-05	1.19E-06	2.72E-05	3.72E-03	3.44E-04	4.43E-03
2668	NG_1364	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.257	1.50E-02	3.15E-02	4.31E-01	2.51E-02	8.14E-06	3.59E-02	4.81E-03	1.50E-03	2.94E-11	7.81E-04	2.07E-06	1.46E-06	2.29E-05	1.42E-05	8.52E-05	1.35E-06	3.08E-05	4.20E-03	3.89E-04	5.01E-03
2669	NG_1365	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.257	1.70E-02	3.56E-02	4.88E-01	2.82E-02	9.21E-06	4.07E-02	5.45E-03	1.70E-03	3.33E-11	8.83E-04	2.34E-06	1.65E-06	2.59E-05	1.61E-05	9.64E-05	1.53E-06	3.48E-05	4.75E-03	4.40E-04	5.67E-03
2670	NG_1366	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.257	1.89E-02	3.97E-02	5.44E-01	3.12E-02	1.03E-05	4.56E-02	6.07E-03	1.89E-03	3.71E-11	9.84E-04	2.61E-06	1.83E-06	2.88E-05	1.79E-05	1.07E-04	1.70E-06	3.88E-05	5.30E-03	4.90E-04	6.31E-03
2671	NG_1367	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.257	2.03E-02	4.26E-02	5.83E-01	3.33E-02	1.10E-05	4.92E-02	6.51E-03	2.03E-03	3.98E-11	1.06E-03	2.80E-06	1.96E-06	3.09E-05	1.93E-05	1.15E-04	1.83E-06	4.16E-05	5.69E-03	5.26E-04	6.78E-03
2672	NG_1368	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.257	2.09E-02	4.39E-02	6.01E-01	3.42E-02	1.13E-05	5.11E-02	6.72E-03	2.10E-03	4.10E-11	1.09E-03	2.88E-06	2.02E-06	3.19E-05	1.98E-05	1.19E-04	1.88E-06	4.29E-05	5.86E-03	5.42E-04	6.98E-03
2673	NG_1369	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.257	2.09E-02	4.39E-02	6.01E-01	3.40E-02	1.13E-05	5.12E-02	6.71E-03	2.09E-03	4.10E-11	1.09E-03	2.88E-06	2.01E-06	3.18E-05	1.98E-05	1.19E-04	1.88E-06	4.29E-05	5.86E-03	5.42E-04	6.98E-03
2678	NG_1374	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.257	1.53E-02	3.21E-02	4.40E-01	2.33E-02	8.30E-06	3.47E-02	4.92E-03	1.53E-03	3.00E-11	7.97E-04	2.11E-06	1.47E-06	2.33E-05	1.45E-05	8.70E-05	1.38E-06	3.14E-05	4.29E-03	3.97E-04	5.11E-03
2679	NG_1375	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.257	1.40E-02	2.95E-02	4.04E-01	2.12E-02	7.62E-06	3.13E-02	4.51E-03	1.41E-03	2.76E-11	7.31E-04	1.93E-06	1.35E-06	2.14E-05	1.33E-05	7.99E-05	1.26E-06	2.89E-05	3.94E-03	3.65E-04	4.69E-03
2680	NG_1376	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.257	1.30E-02	2.74E-02	3.75E-01	1.95E-02	7.08E-06	2.89E-02	4.19E-03	1.31E-03	2.56E-11	6.79E-04	1.80E-06	1.25E-06	1.99E-05	1.24E-05	7.42E-05	1.17E-06	2.68E-05	3.66E-03	3.38E-04	4.36E-03
2681	NG_1377	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.257	1.23E-02	2.59E-02	3.55E-01	1.85E-02	6.70E-06	2.73E-02	3.96E-03	1.24E-03	2.42E-11	6.43E-04	1.70E-06	1.19E-06	1.88E-05	1.17E-05	7.02E-05	1.11E-06	2.53E-05	3.46E-03	3.20E-04	4.12E-03
2682	NG_1378	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.257	1.20E-02	2.51E-02	3.44E-01	1.79E-02	6.49E-06	2.66E-02	3.84E-03	1.20E-03	2.35E-11	6.23E-04	1.65E-06	1.15E-06	1.82E-05	1.13E-05	6.80E-05	1.08E-06	2.46E-05	3.35E-03	3.10E-04	4.00E-03
2683	NG_1379	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.257	1.18E-02	2.47E-02	3.38E-01	1.77E-02	6.38E-06	2.62E-02	3.77E-03	1.18E-03	2.30E-11	6.12E-04	1.62E-06	1.13E-06	1.79E-05	1.12E-05	6.68E-05	1.06E-06	2.41E-05	3.29E-03	3.05E-04	3.93E-03
2684	NG_1380	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.257	1.17E-02	2.45E-02	3.36E-01	1.77E-02	6.33E-06	2.61E-02	3.75E-03	1.17E-03	2.29E-11	6.08E-04	1.61E-06	1.13E-06	1.78E-05	1.11E-05	6.63E-05	1.05E-06	2.40E-05	3.27E-03	3.03E-04	3.90E-03
2685	NG_1381	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.257	1.16E-02	2.45E-02	3.35E-01	1.78E-02	6.32E-06	2.61E-02	3.74E-03	1.17E-03	2.28E-11	6.06E-04	1.61E-06	1.12E-06	1.78E-05	1.11E-05	6.62E-05	1.05E-06	2.39E-05	3.27E-03	3.02E-04	3.89E-03
2686	NG_1382	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.257	1.16E-02	2.43E-02	3.34E-01	1.78E-02	6.29E-06	2.60E-02	3.72E-03	1.16E-03	2.27E-11	6.03E-04	1.60E-06	1.12E-06	1.77E-05	1.10E-05	6.59E-05	1.04E-06	2.38E-05	3.25E-03	3.01E-04	3.87E-03
2687	NG_1383	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.257	1.12E-02	2.36E-02	3.23E-01	1.74E-02	6.09E-06	2.50E-02	3.60E-03	1.12E-03	2.20E-11	5.84E-04	1.55E-06	1.08E-06	1.71E-05	1.06E-05	6.38E-05	1.01E-06	2.30E-05	3.15E-03	2.91E-04	3.75E-03
2688	NG_1384	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.257	1.05E-02	2.21E-02	3.03E-01	1.64E-02	5.70E-06	2.32E-02	3.38E-03	1.05E-03	2.06E-11	5.47E-04	1.45E-06	1.01E-06	1.60E-05	9.97E-06	5.98E-05	9.46E-07	2.16E-05	2.95E-03	2.73E-04	3.51E-03
2689	NG_1385	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.257	9.80E-03	2.06E-02	2.83E-01	1.54E-02	5.32E-06	2.15E-02	3.15E-03	9.83E-04	1.92E-11	5.10E-04	1.35E-06	9.42E-07	1.49E-05	9.30E-06	5.58E-05	8.82E-07	2.01E-05	2.75E-03	2.54E-04	3.28E-03
2690	NG_1386	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.257	9.13E-03	1.92E-02	2.63E-01	1.45E-02	4.95E-06	1.99E-02	2.93E-03	9.15E-04	1.79E-11	4.75E-04	1.26E-06	8.76E-07	1.39E-05	8.66E-06	5.19E-05	8.21E-07	1.87E-05	2.56E-03	2.37E-04	3.05E-03
2691	NG_1387	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.257	8.58E-03	1.80E-02	2.47E-01	1.37E-02	4.65E-06	1.86E-02	2.76E-03	8.60E-04	1.68E-11	4.47E-04	1.18E-06	8.23E-07	1.31E-05	8.14E-06	4.88E-05	7.72E-07	1.76E-05	2.41E-03	2.23E-04	2.87E-03
2692	NG_1388	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.257	7.99E-03	1.68E-02	2.31E-01	1.29E-02	4.33E-06	1.72E-02	2.57E-03	8.01E-04	1.57E-11	4.16E-04	1.10E-06	7.67E-07	1.22E-05	7.58E-06	4.55E-05	7.19E-07	1.64E-05	2.24E-03	2.07E-04	2.67E-03
2693	NG_1389	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.257	7.41E-03	1.56E-02	2.14E-01	1.20E-02	4.02E-06	1.58E-02	2.38E-03	7.43E-04	1.45E-11	3.86E-04	1.02E-06	7.11E-07	1.13E-05	7.03E-06	4.21E-05	6.67E-07	1.52E-05	2.08E-03	1.92E-04	2.48E-03
2694	NG_1390	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.257	6.86E-03	1.44E-02	1.98E-01	1.12E-02	3.72E-06	1.44E-02	2.21E-03	6.88E-04	1.35E-11	3.57E-04	9.44E-07	6.58E-07	1.05E-05	6.51E-06	3.90E-05	6.18E-07	1.41E-05	1.92E-03	1.78E-04	2.29E-03
2695	NG_1391	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.257	6.50E-03	1.36E-02	1.88E-01	1.07E-02	3.52E-06	1.35E-02	2.09E-03	6.51E-04	1.27E-11	3.38E-04	8.93E-07	6.23E-07	9.91E-06	6.16E-06	3.69E-05	5.84E-07	1.33E-05	1.82E-03	1.69E-04	2.17E-03
2696	NG_1392	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.257	6.24E-03	1.31E-02	1.80E-01	1.03E-02	3.39E-06	1.29E-02	2.01E-03	6.26E-04	1.22E-11	3.25E-04	8.58E-07	5.99E-07	9.52E-06	5.92E-06	3.55E-05	5.62E-07	1.28E-05	1.75E-03	1.62E-04	2.09E-03
2697	NG_1393	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.257	5.99E-03	1.26E-02	1.73E-01	9.93E-03	3.25E-06	1.22E-02	1.92E-03	6.00E-04	1.17E-11	3.12E-04	8.23E-07	5.74E-07	9.13E-06	5.68E-06	3.40E-05	5.38E-07	1.23E-05	1.68E-03	1.55E-04	2.00E-03
2698	NG_1394	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.257	5.75E-03	1.21E-02	1.66E-01	9.56E-03	3.12E-06	1.16E-02	1.85E-03	5.76E-04	1.13E-11	2.99E-04	7.90E-07	5.52E-07	8.76E-06	5.45E-06	3.27E-05	5.17E-07	1.18E-05	1.61E-03	1.49E-04	1.92E-03
2699	NG_1395	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.307	6.26E-03	1.31E-02	1.81E-01	1.10E-02	3.40E-06	1.48E-02	2.01E-03	6.27E-04	1.23E-11	3.26E-04	8.63E-07	6.06E-07	9.54E-06	5.94E-06	3.56E-05	5.63E-07	1.28E-05	1.75E-03	1.62E-04	2.09E-03
2700	NG_1396	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.307	6.51E-03	1.37E-02	1.88E-01	1.15E-02	3.54E-06	1.54E-02	2.09E-03	6.53E-04	1.28E-11	3.39E-04	8.99E-07	6.31E-07	9.93E-06	6.18E-06	3.70E-05	5.86E-07	1.34E-05	1.83E-03	1.69E-04	2.18E-03
2701	NG_1397	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.307	6.84E-03	1.44E-02	1.97E-01	1.20E-02	3.72E-06	1.62E-02	2.20E-03	6.86E-04	1.34E-11	3.56E-04	9.44E-07	6.64E-07	1.04E-05	6.50E-06	3.89E-05	6.16E-07	1.40E-05	1.92E-03	1.78E-04	2.29E-03
2702	NG_1398	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.307	7.23E-03	1.52E-02	2.08E-01	1.26E-02	3.93E-06	1.71E-02	2.32E-03	7.24E-04	1.42E-11	3.76E-04	9.98E-07	7.01E-07	1.10E-05	6.86E-06	4.11E-05	6.51E-07	1.48E-05	2.03E-03	1.88E-04	2.41E-03
2703	NG_1399	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.307	7.70E-03	1.62E-02	2.22E-01	1.34E-02	4.18E-06	1.82E-02	2.47E-03	7.72E-04	1.51E-11	4.01E-04	1.06E-06	7.48E-07	1.17E-05	7.31E-06	4.38E-05	6.93E-07	1.58E-05	2.16E-03	2.00E-04	2.57E-03
2704	NG_1400	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.307	8.29E-03	1.74E-02	2.39E-01	1.43E-02	4.50E-06	1.95E-02	2.66E-03	8.31E-04	1.63E-11	4.32E-04	1.15E-06	8.06E-07	1.26E-05	7.88E-06	4.71E-05	7.47E-07	1.70E-05	2.32E-03	2.15E-04	2.77E-03
2705	NG_1401	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.307	9.17E-03	1.93E-02	2.64E-01	1.58E-02	4.98E-06	2.16E-02	2.95E-03	9.19E-04	1.80E-11	4.78E-04	1.27E-06	8.92E-07	1.40E-05	8.71E-06	5.21E-05	8.26E-07	1.88E-05	2.57E-03	2.38E-04	3.06E-03
2706	NG_1402	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.307	1.04E-02	2.18E-02	2.99E-01	1.78E-02	5.63E-06	2.44E-02	3.33E-03	1.04E-03	2.03E-11	5.40E-04	1.43E-06	1.01E-06	1.58E-05	9.84E-06	5.89E-05	9.33E-07	2.13E-05	2.91E-03	2.69E-04	3.46E-03
2707	NG_1403	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.307	1.16E-02	2.44E-02	3.34E-01	1.97E-02	6.31E-06	2.74E-02	3.73E-03	1.16E-03	2.28E-11	6.04E-04	1.60E-06	1.13E-06	1.77E-05	1.10E-05	6.60E-05	1.04E-06	2.38E-05	3.25E-03	3.01E-04	3.88E-03
2708	NG_1404	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.307	1.28E-02	2.69E-02	3.69E-01	2.16E-02	6.96E-06	3.02E-02	4.11E-03	1.28E-03	2.51E-11	6.67E-04	1.77E-06	1.25E-06	1.95E-05	1.22E-05	7.28E-05	1.15E-06	2.63E-05	3.59E-03	3.32E-04	4.28E-03
2709	NG_1405	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.307	1.43E-02	3.01E-02	4.12E-01	2.39E-02	7.77E-06	3.38E-02	4.60E-03	1.43E-03	2.81E-11	7.45E-04	1.98E-06	1.39E-06	2.18E-05	1.36E-05	8.14E-05	1.29E-06	2.94E-05	4.01E-03	3.71E-04	4.78E-03
2710	NG_1406	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.307	1.62E-02	3.39E-02	4.65E-01	2.68E-02	8.78E-06	3.83E-02	5.19E-03	1.62E-03	3.17E-11	8.41E-04	2.23E-06	1.57E-06	2.46E-05	1.53E-05	9.19E-05	1.45E-06	3.32E-05	4.53E-03	4.19E-04	5.40E-03
2711	NG_1407	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.307	1.78E-02	3.75E-02	5.14E-01	2.94E-02	9.69E-06	4.27E-02	5.73E-03	1.79E-03	3.50E-11	9.29E-04	2.46E-06	1.73E-06	2.72E-05	1.69E-05	1.01E-04	1.61E-06	3.66E-05	5.00E-03	4.63E-04	5.96E-03
2712	NG_1408	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.307	1.89E-02	3.96E-02	5.43E-01	3.10E-02	1.02E-05	4.55E-02	6.06E-03	1.89E-03	3.70E-11	9.83E-04	2.60E-06	1.83E-06	2.88E-05	1.79E-05	1.07E-04	1.70E-06	3.88E-05	5.29E-03	4.90E-04	6.31E-03
2713	NG_1409	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.307	1.91E-02	4.02E-02	5.50E-01	3.13E-02	1.04E-05	4.63E-02	6.14E-03	1.92E-03	3.75E-11	9.96E-04	2.63E-06	1.85E-06	2.92E-05	1.81E-05	1.09E-04	1.72E-06	3.93E-05	5.36E-03	4.96E-04	6.39E-03
2714	NG_1410	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.307	1.89E-02	3.96E-02	5.43E-01	3.08E-02	1.02E-05	4.58E-02	6.06E-03	1.89E-03	3.70E-11	9.82E-04	2.60E-06	1.82E-06	2.88E-05	1.79E-05	1.07E-04	1.70E-06	3.87E-05	5.29E-03	4.90E-04	6.30E-03
2715	NG_1411	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.307	1.84E-02	3.87E-02	5.31E-01	2.99E-02	1.00E-05	4.47E-02	5.93E-03	1.85E-03	3.62E-11	9.60E-04	2.54E-06	1.77E-06	2.81E-05	1.75E-05	1.05E-04	1.66E-06	3.79E-05	5.17E-03	4.79E-04	6.16E-03
2716	NG_1412	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.307	1.79E-02	3.75E-02	5.14E-01	2.86E-02	9.69E-06	4.30E-02	5.74E-03	1.79E-03	3.50E-11	9.30E-04	2.46E-06	1.72E-06	2.72E-05	1.69E-05	1.02E-04	1.61E-06	3.67E-05	5.01E-03	4.64E-04	5.97E-03
2717	NG_1413	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.307	1.67E-02	3.50E-02	4.80E-01	2.62E-02	9.04E-06	3.93E-02	5.36E-03	1.67E-03	3.27E-11	8.68E-04	2.29E-06	1.60E-06	2.54E-05	1.58E-05	9.48E-05	1.50E-06	3.42E-05	4.67E-03	4.33E-04	5.57E-03
2718	NG_1414	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.307	1.51E-02	3.17E-02	4.34E-01	2.33E-02	8.18E-06	3.46E-02	4.85E-03	1.51E-03	2.96E-11	7.85E-04	2.08E-06	1.45E-06	2.30E-05	1.43E-05	8.58E-05	1.36E-06	3.10E-05	4.23E-03	3.91E-04	5.04E-03
2719	NG_1415	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.307	1.37E-02	2.89E-02	3.96E-01	2.09E-02	7.45E-06	3.08E-02	4.41E-03	1.38E-03	2.70E-11	7.15E-04	1.89E-06	1.32E-06	2.10E-05	1.30E-05	7.81E-05	1.24E-06	2.82E-05	3.85E-03	3.57E-04	4.59E-03
2720	NG_1416	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.307	1.27E-02	2.67E-02	3.66E-01	1.92E-02	6.90E-06	2.82E-02	4.09E-03	1.28E-03	2.50E-11	6.63E-04	1.75E-06	1.22E-06	1.94E-05	1.21E-05	7.24E-05	1.15E-06	2.61E-05	3.57E-03	3.30E-04	4.25E-03
2721	NG_1417	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.307	1.19E-02	2.50E-02	3.43E-01	1.79E-02	6.47E-06	2.62E-02	3.83E-03	1.20E-03	2.34E-11	6.21E-04	1.64E-06	1.15E-06	1.82E-05	1.13E-05	6.78E-05	1.07E-06	2.45E-05	3.34E-03	3.09E-04	3.98E-03
2722	NG_1418	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.307	1.13E-02	2.38E-02	3.26E-01	1.70E-02	6.14E-06	2.49E-02	3.64E-03	1.14E-03	2.22E-11	5.90E-04	1.56E-06	1.09E-06	1.73E-05	1.07E-05	6.44E-05	1.02E-06	2.33E-05	3.18E-03	2.94E-04	3.78E-03
2723	NG_1419	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.307	1.10E-02	2.30E-02	3.16E-01	1.65E-02	5.95E-06	2.42E-02	3.52E-03	1.10E-03	2.15E-11	5.71E-04	1.51E-06	1.06E-06	1.67E-05	1.04E-05	6.24E-05	9.87E-07	2.25E-05	3.08E-03	2.85E-04	3.67E-03
2724	NG_1420	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.307	1.07E-02	2.26E-02	3.10E-01	1.62E-02	5.83E-06	2.38E-02	3.45E-03	1.08E-03	2.11E-11	5.60E-04	1.48E-06	1.04E-06	1.64E-05	1.02E-05	6.11E-05	9.67E-07	2.21E-05	3.01E-03	2.79E-04	3.59E-03
2725	NG_1421	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.307	1.06E-02	2.24E-02	3.07E-01	1.61E-02	5.78E-06	2.36E-02	3.42E-03	1.07E-03	2.09E-11	5.54E-04	1.47E-06	1.03E-06	1.62E-05	1.01E-05	6.05E-05	9.58E-07	2.19E-05	2.98E-03	2.76E-04	3.56E-03
2726	NG_1422	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.307	1.08E-02	2.26E-02	3.10E-01	1.64E-02	5.84E-06	2.39E-02	3.46E-03	1.08E-03	2.11E-11	5.60E-04	1.48E-06	1.04E-06	1.64E-05	1.02E-05	6.12E-05	9.68E-07	2.21E-05	3.02E-03	2.79E-04	3.59E-03
2727	NG_1423	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.307	1.08E-02	2.27E-02	3.12E-01	1.66E-02	5.88E-06	2.41E-02	3.48E-03	1.09E-03	2.12E-11	5.64E-04	1.49E-06	1.05E-06	1.65E-05	1.03E-05	6.16E-05	9.74E-07	2.22E-05	3.04E-03	2.81E-04	3.62E-03
2728	NG_1424	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.307	1.06E-02	2.22E-02	3.05E-01	1.64E-02	5.75E-06	2.35E-02	3.40E-03	1.06E-03	2.08E-11	5.51E-04	1.46E-06	1.02E-06	1.61E-05	1.00E-05	6.02E-05	9.53E-07	2.17E-05	2.97E-03	2.75E-04	3.54E-03
2729	NG_1425	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.307	1.00E-02	2.11E-02	2.89E-01	1.56E-02	5.44E-06	2.20E-02	3.22E-03	1.01E-03	1.97E-11	5.22E-04	1.38E-06	9.66E-07	1.53E-05	9.51E-06	5.70E-05	9.02E-07	2.06E-05	2.81E-03	2.60E-04	3.35E-03
2730	NG_1426	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.307	9.36E-03	1.97E-02	2.70E-01	1.47E-02	5.08E-06	2.04E-02	3.01E-03	9.39E-04	1.84E-11	4.87E-04	1.29E-06	9.01E-07	1.43E-05	8.88E-06	5.32E-05	8.42E-07	1.92E-05	2.62E-03	2.43E-04	3.13E-03
2731	NG_1427	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.307	8.82E-03	1.85E-02	2.55E-01	1.39E-02	4.79E-06	1.91E-02	2.83E-03	8.85E-04	1.73E-11	4.59E-04	1.21E-06	8.48E-07	1.35E-05	8.37E-06	5.02E-05	7.94E-07	1.81E-05	2.47E-03	2.29E-04	2.95E-03
2732	NG_1428	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.307	8.35E-03	1.75E-02	2.41E-01	1.33E-02	4.53E-06	1.80E-02	2.68E-03	8.37E-04	1.64E-11	4.35E-04	1.15E-06	8.02E-07	1.27E-05	7.92E-06	4.75E-05	7.51E-07	1.71E-05	2.34E-03	2.17E-04	2.79E-03
2733	NG_1429	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.307	7.84E-03	1.65E-02	2.26E-01	1.26E-02	4.25E-06	1.68E-02	2.52E-03	7.86E-04	1.54E-11	4.08E-04	1.08E-06	7.53E-07	1.19E-05	7.43E-06	4.46E-05	7.05E-07	1.61E-05	2.20E-03	2.03E-04	2.62E-03
2734	NG_1430	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.307	7.26E-03	1.52E-02	2.10E-01	1.17E-02	3.94E-06	1.54E-02	2.33E-03	7.27E-04	1.42E-11	3.78E-04	9.98E-07	6.97E-07	1.11E-05	6.88E-06	4.13E-05	6.53E-07	1.49E-05	2.03E-03	1.88E-04	2.42E-03
2735	NG_1431	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.307	6.70E-03	1.41E-02	1.94E-01	1.09E-02	3.63E-06	1.41E-02	2.15E-03	6.72E-04	1.31E-11	3.49E-04	9.22E-07	6.43E-07	1.02E-05	6.35E-06	3.81E-05	6.03E-07	1.38E-05	1.88E-03	1.74E-04	2.24E-03
2736	NG_1432	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.307	6.34E-03	1.33E-02	1.83E-01	1.04E-02	3.44E-06	1.32E-02	2.04E-03	6.36E-04	1.24E-11	3.30E-04	8.73E-07	6.09E-07	9.68E-06	6.02E-06	3.61E-05	5.71E-07	1.30E-05	1.78E-03	1.65E-04	2.12E-03
2737	NG_1433	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.307	6.11E-03	1.28E-02	1.77E-01	1.01E-02	3.31E-06	1.26E-02	1.96E-03	6.13E-04	1.20E-11	3.18E-04	8.40E-07	5.86E-07	9.32E-06	5.79E-06	3.47E-05	5.50E-07	1.26E-05	1.71E-03	1.59E-04	2.04E-03
2738	NG_1434	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.307	5.86E-03	1.23E-02	1.69E-01	9.70E-03	3.18E-06	1.20E-02	1.88E-03	5.87E-04	1.15E-11	3.05E-04	8.06E-07	5.62E-07	8.93E-06	5.56E-06	3.33E-05	5.27E-07	1.20E-05	1.64E-03	1.52E-04	1.96E-03
2739	NG_1435	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.307	5.54E-03	1.16E-02	1.60E-01	9.21E-03	3.01E-06	1.12E-02	1.78E-03	5.56E-04	1.09E-11	2.89E-04	7.63E-07	5.32E-07	8.45E-06	5.26E-06	3.15E-05	4.99E-07	1.14E-05	1.55E-03	1.44E-04	1.85E-03
2740	NG_1436	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.357	5.99E-03	1.26E-02	1.73E-01	1.06E-02	3.25E-06	1.40E-02	1.92E-03	6.00E-04	1.17E-11	3.12E-04	8.26E-07	5.80E-07	9.13E-06	5.69E-06	3.41E-05	5.39E-07	1.23E-05	1.68E-03	1.55E-04	2.00E-03
2741	NG_1437	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.357	6.28E-03	1.32E-02	1.81E-01	1.11E-02	3.41E-06	1.47E-02	2.02E-03	6.29E-04	1.23E-11	3.27E-04	8.67E-07	6.09E-07	9.58E-06	5.96E-06	3.57E-05	5.65E-07	1.29E-05	1.76E-03	1.63E-04	2.10E-03
2742	NG_1438	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.357	6.63E-03	1.39E-02	1.91E-01	1.17E-02	3.60E-06	1.55E-02	2.13E-03	6.65E-04	1.30E-11	3.45E-04	9.16E-07	6.43E-07	1.01E-05	6.30E-06	3.77E-05	5.97E-07	1.36E-05	1.86E-03	1.72E-04	2.22E-03
2743	NG_1439	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.357	7.05E-03	1.48E-02	2.03E-01	1.24E-02	3.83E-06	1.65E-02	2.26E-03	7.06E-04	1.38E-11	3.67E-04	9.73E-07	6.84E-07	1.07E-05	6.69E-06	4.01E-05	6.34E-07	1.45E-05	1.98E-03	1.83E-04	2.35E-03
2744	NG_1440	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.357	7.56E-03	1.59E-02	2.18E-01	1.32E-02	4.11E-06	1.76E-02	2.43E-03	7.58E-04	1.48E-11	3.94E-04	1.04E-06	7.35E-07	1.15E-05	7.18E-06	4.30E-05	6.81E-07	1.55E-05	2.12E-03	1.96E-04	2.53E-03
2745	NG_1441	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.357	8.22E-03	1.73E-02	2.37E-01	1.42E-02	4.47E-06	1.91E-02	2.64E-03	8.24E-04	1.61E-11	4.28E-04	1.14E-06	7.99E-07	1.25E-05	7.81E-06	4.67E-05	7.40E-07	1.69E-05	2.30E-03	2.13E-04	2.75E-03
2746	NG_1442	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.357	9.09E-03	1.91E-02	2.62E-01	1.56E-02	4.94E-06	2.11E-02	2.92E-03	9.12E-04	1.78E-11	4.74E-04	1.26E-06	8.84E-07	1.39E-05	8.64E-06	5.17E-05	8.19E-07	1.87E-05	2.55E-03	2.36E-04	3.04E-03
2747	NG_1443	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.357	1.02E-02	2.14E-02	2.94E-01	1.74E-02	5.54E-06	2.37E-02	3.28E-03	1.02E-03	2.00E-11	5.31E-04	1.41E-06	9.92E-07	1.56E-05	9.69E-06	5.80E-05	9.19E-07	2.09E-05	2.86E-03	2.65E-04	3.41E-03
2748	NG_1444	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.357	1.14E-02	2.39E-02	3.28E-01	1.93E-02	6.17E-06	2.64E-02	3.65E-03	1.14E-03	2.23E-11	5.92E-04	1.57E-06	1.10E-06	1.73E-05	1.08E-05	6.46E-05	1.02E-06	2.33E-05	3.19E-03	2.95E-04	3.80E-03
2749	NG_1445	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.357	1.25E-02	2.63E-02	3.61E-01	2.11E-02	6.80E-06	2.91E-02	4.02E-03	1.25E-03	2.45E-11	6.52E-04	1.73E-06	1.22E-06	1.91E-05	1.19E-05	7.12E-05	1.13E-06	2.57E-05	3.51E-03	3.25E-04	4.18E-03
2750	NG_1446	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.357	1.38E-02	2.90E-02	3.98E-01	2.31E-02	7.51E-06	3.23E-02	4.44E-03	1.39E-03	2.71E-11	7.20E-04	1.91E-06	1.34E-06	2.11E-05	1.31E-05	7.86E-05	1.24E-06	2.84E-05	3.88E-03	3.59E-04	4.62E-03
2751	NG_1447	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.357	1.52E-02	3.20E-02	4.39E-01	2.53E-02	8.27E-06	3.57E-02	4.89E-03	1.53E-03	2.99E-11	7.93E-04	2.10E-06	1.48E-06	2.32E-05	1.45E-05	8.66E-05	1.37E-06	3.13E-05	4.27E-03	3.95E-04	5.09E-03
2752	NG_1448	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.357	1.64E-02	3.45E-02	4.73E-01	2.71E-02	8.92E-06	3.89E-02	5.28E-03	1.65E-03	3.22E-11	8.56E-04	2.27E-06	1.59E-06	2.51E-05	1.56E-05	9.34E-05	1.48E-06	3.37E-05	4.61E-03	4.26E-04	5.49E-03
2753	NG_1449	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.357	1.71E-02	3.60E-02	4.93E-01	2.82E-02	9.30E-06	4.08E-02	5.50E-03	1.72E-03	3.36E-11	8.92E-04	2.36E-06	1.66E-06	2.61E-05	1.63E-05	9.74E-05	1.54E-06	3.52E-05	4.80E-03	4.44E-04	5.72E-03
2754	NG_1450	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.357	1.73E-02	3.63E-02	4.97E-01	2.83E-02	9.38E-06	4.14E-02	5.55E-03	1.73E-03	3.39E-11	9.00E-04	2.38E-06	1.67E-06	2.63E-05	1.64E-05	9.82E-05	1.55E-06	3.55E-05	4.84E-03	4.48E-04	5.77E-03
2755	NG_1451	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.357	1.70E-02	3.57E-02	4.90E-01	2.78E-02	9.23E-06	4.09E-02	5.46E-03	1.70E-03	3.34E-11	8.85E-04	2.34E-06	1.64E-06	2.59E-05	1.61E-05	9.67E-05	1.53E-06	3.49E-05	4.77E-03	4.41E-04	5.68E-03

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 1 COMMERCIAL

Annual Average Pollutant Concentration (µg/m3) - Regain Contribution

All Pollutants

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Receptor #	**Receptor ID**	**Receptor Description**	**HRA Receptor Type**	**Offsite**	**X**	**Y**	**SO2**	**NO2**	**CO**	**PM10**	**Lead**	**TSP**	**HF**	**Cyanide**	**Dioxins & Furans**	**PAH**	**Antimony**	**Arsenic**	**Cadmium**	**Chromium**	**Manganese**	**Mercury**	**Nickel**	**Acetone**	**Benzene**	**Toluene**
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.24E-01**	**2.60E-01**	**3.55E+00**	**1.99E-01**	**6.74E-05**	**3.58E-01**	**3.98E-02**	**1.24E-02**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**3.47E-02**	**3.21E-03**	**4.14E-02**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2756	NG_1452	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.357	1.65E-02	3.47E-02	4.76E-01	2.67E-02	8.96E-06	3.96E-02	5.31E-03	1.66E-03	3.24E-11	8.60E-04	2.27E-06	1.59E-06	2.52E-05	1.57E-05	9.39E-05	1.49E-06	3.39E-05	4.63E-03	4.29E-04	5.52E-03
2757	NG_1453	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.357	1.59E-02	3.34E-02	4.57E-01	2.54E-02	8.62E-06	3.77E-02	5.10E-03	1.59E-03	3.12E-11	8.27E-04	2.19E-06	1.53E-06	2.42E-05	1.51E-05	9.03E-05	1.43E-06	3.26E-05	4.45E-03	4.12E-04	5.31E-03
2758	NG_1454	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.357	1.49E-02	3.13E-02	4.29E-01	2.35E-02	8.08E-06	3.48E-02	4.79E-03	1.49E-03	2.92E-11	7.76E-04	2.05E-06	1.43E-06	2.27E-05	1.41E-05	8.48E-05	1.34E-06	3.06E-05	4.18E-03	3.87E-04	4.98E-03
2759	NG_1455	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.357	1.37E-02	2.88E-02	3.94E-01	2.12E-02	7.43E-06	3.12E-02	4.40E-03	1.37E-03	2.69E-11	7.13E-04	1.88E-06	1.32E-06	2.09E-05	1.30E-05	7.79E-05	1.23E-06	2.81E-05	3.84E-03	3.55E-04	4.58E-03
2760	NG_1456	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.357	1.26E-02	2.65E-02	3.64E-01	1.93E-02	6.85E-06	2.82E-02	4.06E-03	1.27E-03	2.48E-11	6.58E-04	1.74E-06	1.21E-06	1.93E-05	1.20E-05	7.18E-05	1.14E-06	2.59E-05	3.54E-03	3.28E-04	4.22E-03
2761	NG_1457	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.357	1.17E-02	2.46E-02	3.38E-01	1.78E-02	6.36E-06	2.58E-02	3.77E-03	1.18E-03	2.30E-11	6.11E-04	1.61E-06	1.13E-06	1.79E-05	1.11E-05	6.67E-05	1.06E-06	2.41E-05	3.29E-03	3.04E-04	3.92E-03
2762	NG_1458	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.357	1.10E-02	2.30E-02	3.16E-01	1.65E-02	5.95E-06	2.40E-02	3.52E-03	1.10E-03	2.15E-11	5.71E-04	1.51E-06	1.05E-06	1.67E-05	1.04E-05	6.24E-05	9.87E-07	2.25E-05	3.08E-03	2.85E-04	3.66E-03
2763	NG_1459	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.357	1.04E-02	2.18E-02	3.00E-01	1.57E-02	5.64E-06	2.27E-02	3.34E-03	1.04E-03	2.04E-11	5.41E-04	1.43E-06	1.00E-06	1.59E-05	9.86E-06	5.91E-05	9.35E-07	2.14E-05	2.91E-03	2.70E-04	3.47E-03
2764	NG_1460	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.357	1.00E-02	2.11E-02	2.89E-01	1.51E-02	5.44E-06	2.19E-02	3.22E-03	1.01E-03	1.97E-11	5.22E-04	1.38E-06	9.67E-07	1.53E-05	9.52E-06	5.71E-05	9.03E-07	2.06E-05	2.81E-03	2.60E-04	3.35E-03
2765	NG_1461	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.357	9.80E-03	2.06E-02	2.83E-01	1.48E-02	5.32E-06	2.15E-02	3.15E-03	9.83E-04	1.92E-11	5.10E-04	1.35E-06	9.46E-07	1.49E-05	9.30E-06	5.57E-05	8.82E-07	2.01E-05	2.75E-03	2.54E-04	3.27E-03
2766	NG_1462	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.357	9.71E-03	2.04E-02	2.80E-01	1.47E-02	5.27E-06	2.13E-02	3.12E-03	9.74E-04	1.91E-11	5.06E-04	1.34E-06	9.39E-07	1.48E-05	9.22E-06	5.52E-05	8.74E-07	1.99E-05	2.72E-03	2.52E-04	3.25E-03
2767	NG_1463	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.357	9.80E-03	2.06E-02	2.83E-01	1.49E-02	5.32E-06	2.15E-02	3.15E-03	9.82E-04	1.92E-11	5.10E-04	1.35E-06	9.47E-07	1.49E-05	9.30E-06	5.57E-05	8.82E-07	2.01E-05	2.75E-03	2.54E-04	3.27E-03
2768	NG_1464	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.357	9.85E-03	2.07E-02	2.84E-01	1.51E-02	5.35E-06	2.17E-02	3.17E-03	9.88E-04	1.93E-11	5.13E-04	1.36E-06	9.52E-07	1.50E-05	9.35E-06	5.60E-05	8.87E-07	2.02E-05	2.76E-03	2.56E-04	3.29E-03
2769	NG_1465	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.357	9.75E-03	2.05E-02	2.81E-01	1.50E-02	5.29E-06	2.14E-02	3.13E-03	9.78E-04	1.91E-11	5.08E-04	1.34E-06	9.42E-07	1.49E-05	9.26E-06	5.55E-05	8.78E-07	2.00E-05	2.73E-03	2.53E-04	3.26E-03
2770	NG_1466	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.357	9.41E-03	1.98E-02	2.71E-01	1.46E-02	5.11E-06	2.05E-02	3.02E-03	9.43E-04	1.85E-11	4.90E-04	1.30E-06	9.07E-07	1.43E-05	8.93E-06	5.35E-05	8.47E-07	1.93E-05	2.64E-03	2.44E-04	3.14E-03
2771	NG_1467	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.357	8.95E-03	1.88E-02	2.58E-01	1.40E-02	4.86E-06	1.94E-02	2.87E-03	8.97E-04	1.76E-11	4.66E-04	1.23E-06	8.62E-07	1.36E-05	8.49E-06	5.09E-05	8.05E-07	1.84E-05	2.51E-03	2.32E-04	2.99E-03
2772	NG_1468	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.357	8.50E-03	1.78E-02	2.45E-01	1.34E-02	4.61E-06	1.82E-02	2.73E-03	8.52E-04	1.67E-11	4.42E-04	1.17E-06	8.17E-07	1.30E-05	8.06E-06	4.83E-05	7.64E-07	1.75E-05	2.38E-03	2.20E-04	2.84E-03
2773	NG_1469	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.357	8.08E-03	1.70E-02	2.33E-01	1.28E-02	4.38E-06	1.73E-02	2.60E-03	8.10E-04	1.59E-11	4.21E-04	1.11E-06	7.77E-07	1.23E-05	7.67E-06	4.60E-05	7.27E-07	1.66E-05	2.27E-03	2.10E-04	2.70E-03
2774	NG_1470	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.357	7.61E-03	1.60E-02	2.20E-01	1.21E-02	4.13E-06	1.62E-02	2.44E-03	7.63E-04	1.49E-11	3.96E-04	1.05E-06	7.31E-07	1.16E-05	7.21E-06	4.33E-05	6.84E-07	1.56E-05	2.13E-03	1.97E-04	2.54E-03
2775	NG_1471	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.357	7.13E-03	1.50E-02	2.06E-01	1.15E-02	3.87E-06	1.50E-02	2.29E-03	7.15E-04	1.40E-11	3.71E-04	9.81E-07	6.85E-07	1.09E-05	6.76E-06	4.06E-05	6.42E-07	1.47E-05	2.00E-03	1.85E-04	2.38E-03
2776	NG_1472	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.357	6.67E-03	1.40E-02	1.93E-01	1.08E-02	3.62E-06	1.40E-02	2.14E-03	6.69E-04	1.31E-11	3.47E-04	9.18E-07	6.41E-07	1.02E-05	6.33E-06	3.79E-05	6.00E-07	1.37E-05	1.87E-03	1.73E-04	2.23E-03
2777	NG_1473	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.357	6.31E-03	1.33E-02	1.83E-01	1.03E-02	3.42E-06	1.31E-02	2.03E-03	6.33E-04	1.24E-11	3.29E-04	8.68E-07	6.06E-07	9.62E-06	5.99E-06	3.59E-05	5.68E-07	1.30E-05	1.77E-03	1.64E-04	2.11E-03
2778	NG_1474	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.357	6.04E-03	1.27E-02	1.75E-01	9.91E-03	3.27E-06	1.25E-02	1.94E-03	6.05E-04	1.18E-11	3.14E-04	8.30E-07	5.80E-07	9.20E-06	5.72E-06	3.43E-05	5.43E-07	1.24E-05	1.69E-03	1.57E-04	2.02E-03
2779	NG_1475	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.357	5.76E-03	1.21E-02	1.67E-01	9.52E-03	3.13E-06	1.18E-02	1.85E-03	5.78E-04	1.13E-11	3.00E-04	7.93E-07	5.54E-07	8.79E-06	5.47E-06	3.28E-05	5.19E-07	1.18E-05	1.62E-03	1.50E-04	1.93E-03
2780	NG_1476	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.357	5.47E-03	1.15E-02	1.58E-01	9.07E-03	2.97E-06	1.11E-02	1.76E-03	5.48E-04	1.07E-11	2.85E-04	7.53E-07	5.25E-07	8.34E-06	5.19E-06	3.11E-05	4.92E-07	1.12E-05	1.53E-03	1.42E-04	1.83E-03
2781	NG_1477	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.407	5.81E-03	1.22E-02	1.68E-01	1.04E-02	3.15E-06	1.35E-02	1.87E-03	5.82E-04	1.14E-11	3.02E-04	8.01E-07	5.63E-07	8.86E-06	5.51E-06	3.30E-05	5.23E-07	1.19E-05	1.63E-03	1.51E-04	1.94E-03
2782	NG_1478	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.407	6.12E-03	1.29E-02	1.77E-01	1.09E-02	3.33E-06	1.42E-02	1.97E-03	6.14E-04	1.20E-11	3.19E-04	8.45E-07	5.94E-07	9.34E-06	5.81E-06	3.48E-05	5.51E-07	1.26E-05	1.72E-03	1.59E-04	2.05E-03
2783	NG_1479	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.407	6.49E-03	1.36E-02	1.88E-01	1.15E-02	3.53E-06	1.50E-02	2.09E-03	6.51E-04	1.27E-11	3.38E-04	8.96E-07	6.30E-07	9.90E-06	6.17E-06	3.69E-05	5.84E-07	1.33E-05	1.82E-03	1.68E-04	2.17E-03
2784	NG_1480	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.407	6.99E-03	1.47E-02	2.02E-01	1.23E-02	3.80E-06	1.61E-02	2.24E-03	7.00E-04	1.37E-11	3.64E-04	9.65E-07	6.78E-07	1.07E-05	6.64E-06	3.97E-05	6.29E-07	1.43E-05	1.96E-03	1.81E-04	2.33E-03
2785	NG_1481	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.407	7.54E-03	1.59E-02	2.18E-01	1.32E-02	4.10E-06	1.74E-02	2.42E-03	7.56E-04	1.48E-11	3.93E-04	1.04E-06	7.33E-07	1.15E-05	7.17E-06	4.29E-05	6.79E-07	1.55E-05	2.12E-03	1.96E-04	2.52E-03
2786	NG_1482	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.407	8.24E-03	1.73E-02	2.38E-01	1.43E-02	4.48E-06	1.89E-02	2.65E-03	8.26E-04	1.62E-11	4.29E-04	1.14E-06	8.01E-07	1.26E-05	7.83E-06	4.69E-05	7.42E-07	1.69E-05	2.31E-03	2.14E-04	2.75E-03
2787	NG_1483	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.407	9.05E-03	1.90E-02	2.61E-01	1.56E-02	4.92E-06	2.08E-02	2.91E-03	9.07E-04	1.78E-11	4.71E-04	1.25E-06	8.80E-07	1.38E-05	8.60E-06	5.15E-05	8.15E-07	1.86E-05	2.54E-03	2.35E-04	3.02E-03
2788	NG_1484	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.407	1.01E-02	2.12E-02	2.91E-01	1.72E-02	5.47E-06	2.31E-02	3.24E-03	1.01E-03	1.98E-11	5.25E-04	1.39E-06	9.79E-07	1.54E-05	9.57E-06	5.73E-05	9.07E-07	2.07E-05	2.82E-03	2.61E-04	3.37E-03
2789	NG_1485	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.407	1.11E-02	2.34E-02	3.22E-01	1.89E-02	6.06E-06	2.56E-02	3.58E-03	1.12E-03	2.19E-11	5.81E-04	1.54E-06	1.08E-06	1.70E-05	1.06E-05	6.34E-05	1.00E-06	2.29E-05	3.13E-03	2.89E-04	3.73E-03
2790	NG_1486	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.407	1.23E-02	2.59E-02	3.55E-01	2.07E-02	6.69E-06	2.84E-02	3.96E-03	1.24E-03	2.42E-11	6.42E-04	1.70E-06	1.20E-06	1.88E-05	1.17E-05	7.01E-05	1.11E-06	2.53E-05	3.45E-03	3.20E-04	4.12E-03
2791	NG_1487	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.407	1.33E-02	2.80E-02	3.84E-01	2.22E-02	7.24E-06	3.08E-02	4.28E-03	1.34E-03	2.62E-11	6.95E-04	1.84E-06	1.29E-06	2.03E-05	1.27E-05	7.58E-05	1.20E-06	2.74E-05	3.74E-03	3.46E-04	4.46E-03
2792	NG_1488	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.407	1.43E-02	3.01E-02	4.12E-01	2.37E-02	7.77E-06	3.32E-02	4.60E-03	1.43E-03	2.81E-11	7.45E-04	1.98E-06	1.39E-06	2.18E-05	1.36E-05	8.14E-05	1.29E-06	2.94E-05	4.01E-03	3.71E-04	4.78E-03
2793	NG_1489	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.407	1.50E-02	3.16E-02	4.33E-01	2.48E-02	8.16E-06	3.51E-02	4.83E-03	1.51E-03	2.95E-11	7.83E-04	2.07E-06	1.45E-06	2.29E-05	1.43E-05	8.55E-05	1.35E-06	3.09E-05	4.21E-03	3.90E-04	5.02E-03
2794	NG_1490	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.407	1.55E-02	3.25E-02	4.46E-01	2.55E-02	8.39E-06	3.64E-02	4.97E-03	1.55E-03	3.03E-11	8.05E-04	2.13E-06	1.49E-06	2.36E-05	1.47E-05	8.79E-05	1.39E-06	3.18E-05	4.34E-03	4.01E-04	5.17E-03
2795	NG_1491	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.407	1.55E-02	3.25E-02	4.46E-01	2.55E-02	8.41E-06	3.67E-02	4.98E-03	1.55E-03	3.04E-11	8.07E-04	2.13E-06	1.49E-06	2.36E-05	1.47E-05	8.81E-05	1.39E-06	3.18E-05	4.34E-03	4.02E-04	5.18E-03
2796	NG_1492	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.407	1.52E-02	3.19E-02	4.37E-01	2.48E-02	8.23E-06	3.60E-02	4.88E-03	1.52E-03	2.98E-11	7.90E-04	2.09E-06	1.46E-06	2.31E-05	1.44E-05	8.63E-05	1.37E-06	3.12E-05	4.26E-03	3.94E-04	5.07E-03
2797	NG_1493	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.407	1.47E-02	3.09E-02	4.24E-01	2.38E-02	7.98E-06	3.48E-02	4.73E-03	1.48E-03	2.89E-11	7.66E-04	2.02E-06	1.41E-06	2.24E-05	1.40E-05	8.37E-05	1.32E-06	3.02E-05	4.13E-03	3.82E-04	4.92E-03
2798	NG_1494	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.407	1.40E-02	2.95E-02	4.04E-01	2.24E-02	7.61E-06	3.28E-02	4.51E-03	1.41E-03	2.75E-11	7.30E-04	1.93E-06	1.35E-06	2.14E-05	1.33E-05	7.98E-05	1.26E-06	2.88E-05	3.93E-03	3.64E-04	4.69E-03
2799	NG_1495	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.407	1.33E-02	2.80E-02	3.84E-01	2.10E-02	7.22E-06	3.07E-02	4.28E-03	1.34E-03	2.61E-11	6.93E-04	1.83E-06	1.28E-06	2.03E-05	1.26E-05	7.57E-05	1.20E-06	2.74E-05	3.73E-03	3.46E-04	4.45E-03
2800	NG_1496	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.407	1.24E-02	2.61E-02	3.58E-01	1.93E-02	6.75E-06	2.81E-02	4.00E-03	1.25E-03	2.44E-11	6.47E-04	1.71E-06	1.19E-06	1.90E-05	1.18E-05	7.07E-05	1.12E-06	2.55E-05	3.49E-03	3.23E-04	4.16E-03
2801	NG_1497	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.407	1.16E-02	2.43E-02	3.34E-01	1.78E-02	6.29E-06	2.57E-02	3.72E-03	1.16E-03	2.27E-11	6.03E-04	1.59E-06	1.11E-06	1.77E-05	1.10E-05	6.59E-05	1.04E-06	2.38E-05	3.25E-03	3.01E-04	3.87E-03
2802	NG_1498	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.407	1.08E-02	2.26E-02	3.11E-01	1.64E-02	5.85E-06	2.36E-02	3.46E-03	1.08E-03	2.11E-11	5.61E-04	1.48E-06	1.04E-06	1.64E-05	1.02E-05	6.13E-05	9.70E-07	2.21E-05	3.02E-03	2.80E-04	3.60E-03
2803	NG_1499	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.407	1.01E-02	2.13E-02	2.92E-01	1.53E-02	5.49E-06	2.20E-02	3.25E-03	1.02E-03	1.99E-11	5.27E-04	1.39E-06	9.74E-07	1.54E-05	9.61E-06	5.76E-05	9.11E-07	2.08E-05	2.84E-03	2.63E-04	3.38E-03
2804	NG_1500	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.407	9.56E-03	2.01E-02	2.76E-01	1.44E-02	5.19E-06	2.07E-02	3.07E-03	9.58E-04	1.87E-11	4.98E-04	1.32E-06	9.20E-07	1.46E-05	9.07E-06	5.43E-05	8.60E-07	1.96E-05	2.68E-03	2.48E-04	3.19E-03
2805	NG_1501	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.407	9.15E-03	1.92E-02	2.64E-01	1.38E-02	4.96E-06	1.98E-02	2.94E-03	9.17E-04	1.79E-11	4.76E-04	1.26E-06	8.81E-07	1.39E-05	8.68E-06	5.20E-05	8.23E-07	1.88E-05	2.56E-03	2.37E-04	3.06E-03
2806	NG_1502	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.407	8.94E-03	1.88E-02	2.58E-01	1.35E-02	4.85E-06	1.94E-02	2.87E-03	8.97E-04	1.75E-11	4.66E-04	1.23E-06	8.63E-07	1.36E-05	8.49E-06	5.09E-05	8.05E-07	1.84E-05	2.51E-03	2.32E-04	2.99E-03
2807	NG_1503	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.407	8.86E-03	1.86E-02	2.56E-01	1.34E-02	4.81E-06	1.92E-02	2.85E-03	8.88E-04	1.74E-11	4.61E-04	1.22E-06	8.56E-07	1.35E-05	8.41E-06	5.04E-05	7.97E-07	1.82E-05	2.48E-03	2.30E-04	2.96E-03
2808	NG_1504	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.407	8.90E-03	1.87E-02	2.57E-01	1.35E-02	4.83E-06	1.93E-02	2.86E-03	8.92E-04	1.74E-11	4.63E-04	1.23E-06	8.60E-07	1.36E-05	8.44E-06	5.06E-05	8.01E-07	1.83E-05	2.49E-03	2.31E-04	2.97E-03
2809	NG_1505	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.407	8.91E-03	1.87E-02	2.57E-01	1.36E-02	4.84E-06	1.94E-02	2.86E-03	8.94E-04	1.75E-11	4.64E-04	1.23E-06	8.62E-07	1.36E-05	8.46E-06	5.07E-05	8.02E-07	1.83E-05	2.50E-03	2.31E-04	2.98E-03
2810	NG_1506	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.407	8.87E-03	1.86E-02	2.56E-01	1.36E-02	4.81E-06	1.92E-02	2.85E-03	8.89E-04	1.74E-11	4.62E-04	1.22E-06	8.56E-07	1.35E-05	8.41E-06	5.04E-05	7.98E-07	1.82E-05	2.49E-03	2.30E-04	2.96E-03
2811	NG_1507	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.407	8.72E-03	1.83E-02	2.52E-01	1.35E-02	4.73E-06	1.88E-02	2.80E-03	8.74E-04	1.71E-11	4.54E-04	1.20E-06	8.42E-07	1.33E-05	8.28E-06	4.96E-05	7.85E-07	1.79E-05	2.45E-03	2.26E-04	2.91E-03
2812	NG_1508	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.407	8.52E-03	1.79E-02	2.46E-01	1.33E-02	4.62E-06	1.83E-02	2.74E-03	8.54E-04	1.67E-11	4.44E-04	1.17E-06	8.21E-07	1.30E-05	8.08E-06	4.84E-05	7.67E-07	1.75E-05	2.39E-03	2.21E-04	2.85E-03
2813	NG_1509	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.407	8.19E-03	1.72E-02	2.37E-01	1.28E-02	4.45E-06	1.75E-02	2.63E-03	8.21E-04	1.61E-11	4.27E-04	1.13E-06	7.89E-07	1.25E-05	7.77E-06	4.66E-05	7.37E-07	1.68E-05	2.30E-03	2.13E-04	2.74E-03
2814	NG_1510	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.407	7.78E-03	1.63E-02	2.25E-01	1.23E-02	4.22E-06	1.65E-02	2.50E-03	7.80E-04	1.53E-11	4.05E-04	1.07E-06	7.49E-07	1.19E-05	7.38E-06	4.42E-05	7.00E-07	1.60E-05	2.18E-03	2.02E-04	2.60E-03
2815	NG_1511	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.407	7.41E-03	1.56E-02	2.14E-01	1.18E-02	4.02E-06	1.56E-02	2.38E-03	7.43E-04	1.45E-11	3.86E-04	1.02E-06	7.13E-07	1.13E-05	7.03E-06	4.22E-05	6.67E-07	1.52E-05	2.08E-03	1.92E-04	2.48E-03
2816	NG_1512	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.407	7.07E-03	1.49E-02	2.04E-01	1.13E-02	3.84E-06	1.49E-02	2.27E-03	7.09E-04	1.39E-11	3.68E-04	9.73E-07	6.80E-07	1.08E-05	6.71E-06	4.02E-05	6.36E-07	1.45E-05	1.98E-03	1.84E-04	2.36E-03
2817	NG_1513	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.407	6.75E-03	1.42E-02	1.95E-01	1.09E-02	3.66E-06	1.41E-02	2.17E-03	6.77E-04	1.32E-11	3.52E-04	9.29E-07	6.49E-07	1.03E-05	6.40E-06	3.84E-05	6.07E-07	1.39E-05	1.89E-03	1.75E-04	2.26E-03
2818	NG_1514	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.407	6.40E-03	1.34E-02	1.85E-01	1.04E-02	3.47E-06	1.33E-02	2.06E-03	6.41E-04	1.25E-11	3.33E-04	8.80E-07	6.15E-07	9.75E-06	6.07E-06	3.64E-05	5.76E-07	1.31E-05	1.79E-03	1.66E-04	2.14E-03
2819	NG_1515	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.407	6.07E-03	1.27E-02	1.76E-01	9.93E-03	3.29E-06	1.25E-02	1.95E-03	6.08E-04	1.19E-11	3.16E-04	8.35E-07	5.83E-07	9.25E-06	5.76E-06	3.45E-05	5.46E-07	1.25E-05	1.70E-03	1.57E-04	2.03E-03
2820	NG_1516	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.407	5.74E-03	1.21E-02	1.66E-01	9.44E-03	3.11E-06	1.18E-02	1.84E-03	5.75E-04	1.13E-11	2.99E-04	7.89E-07	5.51E-07	8.75E-06	5.44E-06	3.26E-05	5.16E-07	1.18E-05	1.61E-03	1.49E-04	1.92E-03
2821	NG_1517	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.407	5.48E-03	1.15E-02	1.59E-01	9.06E-03	2.97E-06	1.11E-02	1.76E-03	5.49E-04	1.07E-11	2.85E-04	7.54E-07	5.26E-07	8.35E-06	5.20E-06	3.11E-05	4.93E-07	1.13E-05	1.54E-03	1.42E-04	1.83E-03
2822	NG_1518	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.457	5.67E-03	1.19E-02	1.64E-01	1.02E-02	3.08E-06	1.30E-02	1.82E-03	5.69E-04	1.11E-11	2.96E-04	7.83E-07	5.50E-07	8.65E-06	5.39E-06	3.23E-05	5.11E-07	1.17E-05	1.59E-03	1.47E-04	1.90E-03
2823	NG_1519	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.457	6.01E-03	1.26E-02	1.74E-01	1.07E-02	3.26E-06	1.37E-02	1.93E-03	6.02E-04	1.18E-11	3.13E-04	8.29E-07	5.83E-07	9.16E-06	5.71E-06	3.42E-05	5.41E-07	1.23E-05	1.68E-03	1.56E-04	2.01E-03
2824	NG_1520	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.457	6.39E-03	1.34E-02	1.85E-01	1.13E-02	3.47E-06	1.46E-02	2.05E-03	6.41E-04	1.25E-11	3.33E-04	8.83E-07	6.21E-07	9.75E-06	6.07E-06	3.64E-05	5.76E-07	1.31E-05	1.79E-03	1.66E-04	2.14E-03
2825	NG_1521	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.457	6.91E-03	1.45E-02	2.00E-01	1.21E-02	3.76E-06	1.57E-02	2.22E-03	6.93E-04	1.36E-11	3.60E-04	9.55E-07	6.71E-07	1.05E-05	6.57E-06	3.93E-05	6.22E-07	1.42E-05	1.94E-03	1.79E-04	2.31E-03
2826	NG_1522	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.457	7.53E-03	1.58E-02	2.17E-01	1.31E-02	4.09E-06	1.71E-02	2.42E-03	7.55E-04	1.48E-11	3.92E-04	1.04E-06	7.31E-07	1.15E-05	7.15E-06	4.28E-05	6.78E-07	1.55E-05	2.11E-03	1.95E-04	2.52E-03
2827	NG_1523	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.457	8.19E-03	1.72E-02	2.37E-01	1.42E-02	4.45E-06	1.86E-02	2.63E-03	8.21E-04	1.61E-11	4.27E-04	1.13E-06	7.96E-07	1.25E-05	7.78E-06	4.66E-05	7.38E-07	1.68E-05	2.30E-03	2.13E-04	2.74E-03
2828	NG_1524	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.457	8.96E-03	1.88E-02	2.59E-01	1.54E-02	4.87E-06	2.03E-02	2.88E-03	8.98E-04	1.76E-11	4.66E-04	1.24E-06	8.70E-07	1.37E-05	8.51E-06	5.09E-05	8.06E-07	1.84E-05	2.51E-03	2.32E-04	2.99E-03
2829	NG_1525	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.457	9.94E-03	2.09E-02	2.87E-01	1.69E-02	5.40E-06	2.26E-02	3.19E-03	9.97E-04	1.95E-11	5.18E-04	1.37E-06	9.66E-07	1.52E-05	9.44E-06	5.65E-05	8.95E-07	2.04E-05	2.79E-03	2.58E-04	3.32E-03
2830	NG_1526	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.457	1.10E-02	2.31E-02	3.18E-01	1.86E-02	5.98E-06	2.51E-02	3.54E-03	1.10E-03	2.16E-11	5.74E-04	1.52E-06	1.07E-06	1.68E-05	1.05E-05	6.26E-05	9.92E-07	2.26E-05	3.09E-03	2.86E-04	3.68E-03
2831	NG_1527	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.457	1.20E-02	2.53E-02	3.47E-01	2.02E-02	6.53E-06	2.74E-02	3.86E-03	1.21E-03	2.36E-11	6.26E-04	1.66E-06	1.17E-06	1.83E-05	1.14E-05	6.84E-05	1.08E-06	2.47E-05	3.37E-03	3.12E-04	4.02E-03
2832	NG_1528	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.457	1.29E-02	2.70E-02	3.71E-01	2.14E-02	6.98E-06	2.94E-02	4.13E-03	1.29E-03	2.52E-11	6.70E-04	1.78E-06	1.25E-06	1.96E-05	1.22E-05	7.31E-05	1.16E-06	2.64E-05	3.61E-03	3.34E-04	4.30E-03
2833	NG_1529	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.457	1.35E-02	2.84E-02	3.91E-01	2.25E-02	7.35E-06	3.11E-02	4.35E-03	1.36E-03	2.66E-11	7.05E-04	1.87E-06	1.31E-06	2.07E-05	1.29E-05	7.70E-05	1.22E-06	2.78E-05	3.80E-03	3.51E-04	4.53E-03
2834	NG_1530	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.457	1.40E-02	2.94E-02	4.03E-01	2.31E-02	7.59E-06	3.23E-02	4.49E-03	1.40E-03	2.74E-11	7.28E-04	1.93E-06	1.35E-06	2.13E-05	1.33E-05	7.95E-05	1.26E-06	2.87E-05	3.92E-03	3.63E-04	4.67E-03
2835	NG_1531	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.457	1.42E-02	2.98E-02	4.08E-01	2.34E-02	7.69E-06	3.30E-02	4.55E-03	1.42E-03	2.78E-11	7.38E-04	1.95E-06	1.37E-06	2.16E-05	1.34E-05	8.06E-05	1.27E-06	2.91E-05	3.97E-03	3.68E-04	4.73E-03
2836	NG_1532	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.457	1.41E-02	2.97E-02	4.07E-01	2.32E-02	7.66E-06	3.30E-02	4.54E-03	1.42E-03	2.77E-11	7.35E-04	1.94E-06	1.36E-06	2.15E-05	1.34E-05	8.03E-05	1.27E-06	2.90E-05	3.96E-03	3.66E-04	4.72E-03
2837	NG_1533	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.457	1.37E-02	2.89E-02	3.96E-01	2.25E-02	7.46E-06	3.22E-02	4.42E-03	1.38E-03	2.70E-11	7.16E-04	1.89E-06	1.32E-06	2.10E-05	1.30E-05	7.82E-05	1.24E-06	2.82E-05	3.86E-03	3.57E-04	4.59E-03
2838	NG_1534	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.457	1.32E-02	2.78E-02	3.81E-01	2.14E-02	7.17E-06	3.08E-02	4.25E-03	1.33E-03	2.59E-11	6.89E-04	1.82E-06	1.27E-06	2.02E-05	1.25E-05	7.52E-05	1.19E-06	2.72E-05	3.71E-03	3.43E-04	4.42E-03
2839	NG_1535	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.457	1.27E-02	2.66E-02	3.66E-01	2.03E-02	6.88E-06	2.92E-02	4.07E-03	1.27E-03	2.49E-11	6.60E-04	1.74E-06	1.22E-06	1.93E-05	1.20E-05	7.21E-05	1.14E-06	2.61E-05	3.56E-03	3.29E-04	4.24E-03
2840	NG_1536	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.457	1.21E-02	2.54E-02	3.48E-01	1.91E-02	6.55E-06	2.74E-02	3.88E-03	1.21E-03	2.37E-11	6.28E-04	1.66E-06	1.16E-06	1.84E-05	1.14E-05	6.86E-05	1.09E-06	2.48E-05	3.38E-03	3.13E-04	4.03E-03

AQIA DATA - SCENARIO 1 COMMERCIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.24E-01**	**2.60E-01**	**3.55E+00**	**1.99E-01**	**6.74E-05**	**3.58E-01**	**3.98E-02**	**1.24E-02**	**2.43E-10**	**6.46E-03**	**1.72E-05**	**1.22E-05**	**1.89E-04**	**1.18E-04**	**7.05E-04**	**1.12E-05**	**2.54E-04**	**3.47E-02**	**3.21E-03**	**4.14E-02**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2841	NG_1537	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.457	1.14E-02	2.39E-02	3.28E-01	1.77E-02	6.16E-06	2.54E-02	3.65E-03	1.14E-03	2.23E-11	5.92E-04	1.56E-06	1.09E-06	1.73E-05	1.08E-05	6.46E-05	1.02E-06	2.33E-05	3.19E-03	2.95E-04	3.80E-03
2842	NG_1538	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.457	1.06E-02	2.23E-02	3.06E-01	1.64E-02	5.76E-06	2.34E-02	3.41E-03	1.07E-03	2.08E-11	5.53E-04	1.46E-06	1.02E-06	1.62E-05	1.01E-05	6.04E-05	9.56E-07	2.18E-05	2.98E-03	2.76E-04	3.55E-03
2843	NG_1539	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.457	9.95E-03	2.09E-02	2.87E-01	1.52E-02	5.40E-06	2.17E-02	3.20E-03	9.98E-04	1.95E-11	5.18E-04	1.37E-06	9.57E-07	1.52E-05	9.44E-06	5.66E-05	8.96E-07	2.04E-05	2.79E-03	2.58E-04	3.33E-03
2844	NG_1540	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.457	9.37E-03	1.97E-02	2.70E-01	1.42E-02	5.09E-06	2.02E-02	3.01E-03	9.40E-04	1.84E-11	4.88E-04	1.29E-06	9.01E-07	1.43E-05	8.89E-06	5.33E-05	8.44E-07	1.93E-05	2.63E-03	2.43E-04	3.13E-03
2845	NG_1541	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.457	8.86E-03	1.86E-02	2.56E-01	1.34E-02	4.81E-06	1.91E-02	2.85E-03	8.89E-04	1.74E-11	4.62E-04	1.22E-06	8.53E-07	1.35E-05	8.41E-06	5.04E-05	7.98E-07	1.82E-05	2.49E-03	2.30E-04	2.96E-03
2846	NG_1542	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.457	8.45E-03	1.77E-02	2.44E-01	1.28E-02	4.58E-06	1.81E-02	2.71E-03	8.47E-04	1.66E-11	4.40E-04	1.16E-06	8.14E-07	1.29E-05	8.01E-06	4.80E-05	7.60E-07	1.74E-05	2.37E-03	2.19E-04	2.82E-03
2847	NG_1543	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.457	8.21E-03	1.72E-02	2.37E-01	1.24E-02	4.45E-06	1.76E-02	2.64E-03	8.23E-04	1.61E-11	4.27E-04	1.13E-06	7.91E-07	1.25E-05	7.79E-06	4.67E-05	7.39E-07	1.69E-05	2.30E-03	2.13E-04	2.74E-03
2848	NG_1544	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.457	8.14E-03	1.71E-02	2.35E-01	1.24E-02	4.42E-06	1.75E-02	2.62E-03	8.16E-04	1.60E-11	4.24E-04	1.12E-06	7.86E-07	1.24E-05	7.73E-06	4.63E-05	7.33E-07	1.67E-05	2.28E-03	2.11E-04	2.72E-03
2849	NG_1545	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.457	8.13E-03	1.71E-02	2.35E-01	1.24E-02	4.41E-06	1.75E-02	2.61E-03	8.15E-04	1.59E-11	4.23E-04	1.12E-06	7.86E-07	1.24E-05	7.72E-06	4.62E-05	7.32E-07	1.67E-05	2.28E-03	2.11E-04	2.72E-03
2850	NG_1546	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.457	8.11E-03	1.70E-02	2.34E-01	1.24E-02	4.41E-06	1.74E-02	2.61E-03	8.14E-04	1.59E-11	4.23E-04	1.12E-06	7.85E-07	1.24E-05	7.70E-06	4.61E-05	7.30E-07	1.67E-05	2.28E-03	2.11E-04	2.71E-03
2851	NG_1547	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.457	8.08E-03	1.70E-02	2.33E-01	1.24E-02	4.39E-06	1.73E-02	2.60E-03	8.10E-04	1.58E-11	4.21E-04	1.11E-06	7.81E-07	1.23E-05	7.67E-06	4.59E-05	7.27E-07	1.66E-05	2.27E-03	2.10E-04	2.70E-03
2852	NG_1548	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.457	8.08E-03	1.70E-02	2.33E-01	1.25E-02	4.39E-06	1.72E-02	2.60E-03	8.10E-04	1.59E-11	4.21E-04	1.11E-06	7.81E-07	1.23E-05	7.67E-06	4.60E-05	7.27E-07	1.66E-05	2.27E-03	2.10E-04	2.70E-03
2853	NG_1549	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.457	8.02E-03	1.69E-02	2.32E-01	1.25E-02	4.35E-06	1.71E-02	2.58E-03	8.04E-04	1.57E-11	4.18E-04	1.11E-06	7.74E-07	1.22E-05	7.61E-06	4.56E-05	7.22E-07	1.65E-05	2.25E-03	2.08E-04	2.68E-03
2854	NG_1550	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.457	7.86E-03	1.65E-02	2.27E-01	1.23E-02	4.26E-06	1.67E-02	2.52E-03	7.88E-04	1.54E-11	4.09E-04	1.08E-06	7.57E-07	1.20E-05	7.46E-06	4.47E-05	7.07E-07	1.61E-05	2.20E-03	2.04E-04	2.63E-03
2855	NG_1551	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.457	7.55E-03	1.59E-02	2.18E-01	1.19E-02	4.10E-06	1.59E-02	2.43E-03	7.57E-04	1.48E-11	3.93E-04	1.04E-06	7.27E-07	1.15E-05	7.16E-06	4.29E-05	6.80E-07	1.55E-05	2.12E-03	1.96E-04	2.52E-03
2856	NG_1552	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.457	7.24E-03	1.52E-02	2.09E-01	1.15E-02	3.93E-06	1.52E-02	2.33E-03	7.26E-04	1.42E-11	3.77E-04	9.97E-07	6.97E-07	1.10E-05	6.87E-06	4.12E-05	6.52E-07	1.49E-05	2.03E-03	1.88E-04	2.42E-03
2857	NG_1553	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.457	7.00E-03	1.47E-02	2.02E-01	1.12E-02	3.80E-06	1.46E-02	2.25E-03	7.02E-04	1.37E-11	3.64E-04	9.64E-07	6.74E-07	1.07E-05	6.64E-06	3.98E-05	6.30E-07	1.44E-05	1.96E-03	1.82E-04	2.34E-03
2858	NG_1554	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.457	6.76E-03	1.42E-02	1.95E-01	1.09E-02	3.67E-06	1.41E-02	2.17E-03	6.77E-04	1.33E-11	3.52E-04	9.30E-07	6.50E-07	1.03E-05	6.41E-06	3.84E-05	6.08E-07	1.39E-05	1.89E-03	1.75E-04	2.26E-03
2859	NG_1555	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.457	6.48E-03	1.36E-02	1.87E-01	1.05E-02	3.51E-06	1.35E-02	2.08E-03	6.49E-04	1.27E-11	3.37E-04	8.92E-07	6.23E-07	9.88E-06	6.14E-06	3.68E-05	5.83E-07	1.33E-05	1.82E-03	1.68E-04	2.16E-03
2860	NG_1556	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.457	6.10E-03	1.28E-02	1.77E-01	9.94E-03	3.31E-06	1.26E-02	1.96E-03	6.12E-04	1.20E-11	3.18E-04	8.40E-07	5.87E-07	9.30E-06	5.79E-06	3.47E-05	5.49E-07	1.25E-05	1.71E-03	1.58E-04	2.04E-03
2861	NG_1557	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.457	5.75E-03	1.21E-02	1.66E-01	9.42E-03	3.12E-06	1.18E-02	1.85E-03	5.76E-04	1.13E-11	2.99E-04	7.91E-07	5.53E-07	8.77E-06	5.45E-06	3.27E-05	5.17E-07	1.18E-05	1.61E-03	1.49E-04	1.92E-03
2862	NG_1558	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.457	5.45E-03	1.15E-02	1.58E-01	8.99E-03	2.96E-06	1.11E-02	1.75E-03	5.47E-04	1.07E-11	2.84E-04	7.51E-07	5.24E-07	8.32E-06	5.17E-06	3.10E-05	4.91E-07	1.12E-05	1.53E-03	1.42E-04	1.82E-03
2863	NG_1559	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.507	5.56E-03	1.17E-02	1.61E-01	9.96E-03	3.02E-06	1.26E-02	1.79E-03	5.58E-04	1.09E-11	2.90E-04	7.68E-07	5.39E-07	8.48E-06	5.28E-06	3.16E-05	5.01E-07	1.14E-05	1.56E-03	1.44E-04	1.86E-03
2864	NG_1560	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.507	5.91E-03	1.24E-02	1.71E-01	1.05E-02	3.21E-06	1.33E-02	1.90E-03	5.93E-04	1.16E-11	3.08E-04	8.17E-07	5.74E-07	9.02E-06	5.62E-06	3.36E-05	5.33E-07	1.21E-05	1.66E-03	1.53E-04	1.98E-03
2865	NG_1561	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.507	6.32E-03	1.33E-02	1.83E-01	1.12E-02	3.43E-06	1.42E-02	2.03E-03	6.34E-04	1.24E-11	3.29E-04	8.73E-07	6.14E-07	9.64E-06	6.00E-06	3.59E-05	5.69E-07	1.30E-05	1.77E-03	1.64E-04	2.11E-03
2866	NG_1562	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.507	6.84E-03	1.44E-02	1.98E-01	1.20E-02	3.72E-06	1.53E-02	2.20E-03	6.86E-04	1.34E-11	3.56E-04	9.45E-07	6.64E-07	1.04E-05	6.50E-06	3.89E-05	6.16E-07	1.40E-05	1.92E-03	1.77E-04	2.29E-03
2867	NG_1563	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.507	7.48E-03	1.57E-02	2.16E-01	1.30E-02	4.07E-06	1.68E-02	2.40E-03	7.50E-04	1.47E-11	3.90E-04	1.03E-06	7.27E-07	1.14E-05	7.11E-06	4.26E-05	6.74E-07	1.54E-05	2.10E-03	1.94E-04	2.50E-03
2868	NG_1564	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.507	8.10E-03	1.70E-02	2.34E-01	1.40E-02	4.40E-06	1.81E-02	2.60E-03	8.12E-04	1.59E-11	4.22E-04	1.12E-06	7.87E-07	1.24E-05	7.69E-06	4.61E-05	7.29E-07	1.66E-05	2.27E-03	2.10E-04	2.71E-03
2869	NG_1565	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.507	8.83E-03	1.86E-02	2.55E-01	1.51E-02	4.80E-06	1.98E-02	2.84E-03	8.85E-04	1.73E-11	4.60E-04	1.22E-06	8.58E-07	1.35E-05	8.39E-06	5.02E-05	7.95E-07	1.81E-05	2.48E-03	2.29E-04	2.95E-03
2870	NG_1566	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.507	9.80E-03	2.06E-02	2.83E-01	1.67E-02	5.33E-06	2.20E-02	3.15E-03	9.83E-04	1.92E-11	5.11E-04	1.35E-06	9.52E-07	1.50E-05	9.31E-06	5.58E-05	8.83E-07	2.01E-05	2.75E-03	2.54E-04	3.28E-03
2871	NG_1567	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.507	1.08E-02	2.27E-02	3.12E-01	1.82E-02	5.87E-06	2.43E-02	3.47E-03	1.08E-03	2.12E-11	5.63E-04	1.49E-06	1.05E-06	1.65E-05	1.03E-05	6.14E-05	9.73E-07	2.22E-05	3.03E-03	2.80E-04	3.61E-03
2872	NG_1568	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.507	1.16E-02	2.44E-02	3.35E-01	1.95E-02	6.31E-06	2.62E-02	3.73E-03	1.16E-03	2.28E-11	6.05E-04	1.60E-06	1.13E-06	1.77E-05	1.10E-05	6.60E-05	1.05E-06	2.38E-05	3.25E-03	3.01E-04	3.88E-03
2873	NG_1569	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.507	1.22E-02	2.57E-02	3.53E-01	2.04E-02	6.65E-06	2.77E-02	3.93E-03	1.23E-03	2.40E-11	6.37E-04	1.69E-06	1.19E-06	1.87E-05	1.16E-05	6.96E-05	1.10E-06	2.51E-05	3.43E-03	3.18E-04	4.09E-03
2874	NG_1570	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.507	1.28E-02	2.69E-02	3.69E-01	2.13E-02	6.95E-06	2.92E-02	4.11E-03	1.28E-03	2.51E-11	6.67E-04	1.77E-06	1.24E-06	1.95E-05	1.22E-05	7.28E-05	1.15E-06	2.63E-05	3.59E-03	3.32E-04	4.28E-03
2875	NG_1571	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.507	1.31E-02	2.75E-02	3.77E-01	2.17E-02	7.10E-06	3.00E-02	4.20E-03	1.31E-03	2.57E-11	6.81E-04	1.80E-06	1.26E-06	2.00E-05	1.24E-05	7.44E-05	1.18E-06	2.69E-05	3.67E-03	3.39E-04	4.37E-03
2876	NG_1572	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.507	1.32E-02	2.76E-02	3.80E-01	2.17E-02	7.14E-06	3.04E-02	4.23E-03	1.32E-03	2.58E-11	6.85E-04	1.81E-06	1.27E-06	2.01E-05	1.25E-05	7.48E-05	1.18E-06	2.70E-05	3.69E-03	3.41E-04	4.40E-03
2877	NG_1573	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.507	1.30E-02	2.73E-02	3.74E-01	2.14E-02	7.04E-06	3.01E-02	4.17E-03	1.30E-03	2.55E-11	6.76E-04	1.79E-06	1.25E-06	1.98E-05	1.23E-05	7.38E-05	1.17E-06	2.67E-05	3.64E-03	3.37E-04	4.34E-03
2878	NG_1574	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.507	1.26E-02	2.64E-02	3.62E-01	2.06E-02	6.82E-06	2.91E-02	4.04E-03	1.26E-03	2.46E-11	6.54E-04	1.73E-06	1.21E-06	1.92E-05	1.19E-05	7.15E-05	1.13E-06	2.58E-05	3.52E-03	3.26E-04	4.20E-03
2879	NG_1575	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.507	1.21E-02	2.54E-02	3.49E-01	1.96E-02	6.56E-06	2.78E-02	3.89E-03	1.21E-03	2.37E-11	6.30E-04	1.66E-06	1.16E-06	1.84E-05	1.15E-05	6.88E-05	1.09E-06	2.48E-05	3.39E-03	3.14E-04	4.04E-03
2880	NG_1576	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.507	1.17E-02	2.45E-02	3.36E-01	1.87E-02	6.32E-06	2.66E-02	3.75E-03	1.17E-03	2.29E-11	6.07E-04	1.60E-06	1.12E-06	1.78E-05	1.11E-05	6.63E-05	1.05E-06	2.40E-05	3.27E-03	3.03E-04	3.90E-03
2881	NG_1577	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.507	1.11E-02	2.34E-02	3.21E-01	1.76E-02	6.04E-06	2.51E-02	3.58E-03	1.12E-03	2.18E-11	5.80E-04	1.53E-06	1.07E-06	1.70E-05	1.06E-05	6.33E-05	1.00E-06	2.29E-05	3.12E-03	2.89E-04	3.72E-03
2882	NG_1578	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.507	1.04E-02	2.19E-02	3.01E-01	1.63E-02	5.66E-06	2.31E-02	3.35E-03	1.05E-03	2.05E-11	5.43E-04	1.43E-06	1.00E-06	1.59E-05	9.89E-06	5.93E-05	9.38E-07	2.14E-05	2.92E-03	2.71E-04	3.48E-03
2883	NG_1579	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.507	9.80E-03	2.06E-02	2.83E-01	1.51E-02	5.32E-06	2.14E-02	3.15E-03	9.83E-04	1.92E-11	5.10E-04	1.35E-06	9.41E-07	1.49E-05	9.30E-06	5.57E-05	8.82E-07	2.01E-05	2.75E-03	2.54E-04	3.27E-03
2884	NG_1580	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.507	9.24E-03	1.94E-02	2.67E-01	1.42E-02	5.01E-06	2.00E-02	2.97E-03	9.26E-04	1.81E-11	4.81E-04	1.27E-06	8.88E-07	1.41E-05	8.76E-06	5.25E-05	8.31E-07	1.90E-05	2.59E-03	2.40E-04	3.09E-03
2885	NG_1581	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.507	8.73E-03	1.83E-02	2.52E-01	1.33E-02	4.74E-06	1.87E-02	2.81E-03	8.76E-04	1.71E-11	4.55E-04	1.20E-06	8.39E-07	1.33E-05	8.28E-06	4.97E-05	7.86E-07	1.79E-05	2.45E-03	2.27E-04	2.92E-03
2886	NG_1582	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.507	8.29E-03	1.74E-02	2.39E-01	1.26E-02	4.50E-06	1.77E-02	2.66E-03	8.31E-04	1.63E-11	4.32E-04	1.14E-06	7.97E-07	1.26E-05	7.86E-06	4.71E-05	7.46E-07	1.70E-05	2.32E-03	2.15E-04	2.77E-03
2887	NG_1583	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.507	7.88E-03	1.66E-02	2.28E-01	1.20E-02	4.28E-06	1.68E-02	2.53E-03	7.90E-04	1.55E-11	4.10E-04	1.09E-06	7.59E-07	1.20E-05	7.48E-06	4.48E-05	7.09E-07	1.62E-05	2.21E-03	2.05E-04	2.63E-03
2888	NG_1584	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.507	7.62E-03	1.60E-02	2.20E-01	1.16E-02	4.13E-06	1.62E-02	2.45E-03	7.64E-04	1.49E-11	3.97E-04	1.05E-06	7.34E-07	1.16E-05	7.23E-06	4.33E-05	6.85E-07	1.56E-05	2.14E-03	1.98E-04	2.55E-03
2889	NG_1585	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.507	7.52E-03	1.58E-02	2.17E-01	1.14E-02	4.08E-06	1.60E-02	2.41E-03	7.54E-04	1.47E-11	3.91E-04	1.04E-06	7.26E-07	1.15E-05	7.13E-06	4.27E-05	6.76E-07	1.54E-05	2.11E-03	1.95E-04	2.51E-03
2890	NG_1586	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.507	7.51E-03	1.58E-02	2.17E-01	1.14E-02	4.08E-06	1.60E-02	2.41E-03	7.53E-04	1.47E-11	3.91E-04	1.04E-06	7.26E-07	1.14E-05	7.13E-06	4.27E-05	6.76E-07	1.54E-05	2.10E-03	1.95E-04	2.51E-03
2891	NG_1587	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.507	7.48E-03	1.57E-02	2.16E-01	1.14E-02	4.06E-06	1.59E-02	2.40E-03	7.50E-04	1.47E-11	3.90E-04	1.03E-06	7.24E-07	1.14E-05	7.10E-06	4.25E-05	6.73E-07	1.54E-05	2.10E-03	1.94E-04	2.50E-03
2892	NG_1588	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.507	7.48E-03	1.57E-02	2.16E-01	1.15E-02	4.06E-06	1.58E-02	2.40E-03	7.49E-04	1.47E-11	3.89E-04	1.03E-06	7.23E-07	1.14E-05	7.10E-06	4.25E-05	6.73E-07	1.54E-05	2.10E-03	1.94E-04	2.50E-03
2893	NG_1589	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.507	7.54E-03	1.58E-02	2.18E-01	1.16E-02	4.09E-06	1.59E-02	2.42E-03	7.56E-04	1.48E-11	3.92E-04	1.04E-06	7.29E-07	1.15E-05	7.15E-06	4.29E-05	6.78E-07	1.55E-05	2.11E-03	1.96E-04	2.52E-03
2894	NG_1590	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.507	7.55E-03	1.59E-02	2.18E-01	1.17E-02	4.10E-06	1.59E-02	2.43E-03	7.57E-04	1.48E-11	3.93E-04	1.04E-06	7.29E-07	1.15E-05	7.17E-06	4.29E-05	6.80E-07	1.55E-05	2.12E-03	1.96E-04	2.52E-03
2895	NG_1591	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.507	7.51E-03	1.58E-02	2.17E-01	1.17E-02	4.08E-06	1.58E-02	2.41E-03	7.53E-04	1.47E-11	3.91E-04	1.04E-06	7.25E-07	1.15E-05	7.13E-06	4.27E-05	6.76E-07	1.54E-05	2.11E-03	1.95E-04	2.51E-03
2896	NG_1592	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.507	7.31E-03	1.54E-02	2.11E-01	1.15E-02	3.97E-06	1.53E-02	2.35E-03	7.33E-04	1.43E-11	3.81E-04	1.01E-06	7.04E-07	1.11E-05	6.93E-06	4.16E-05	6.58E-07	1.50E-05	2.05E-03	1.90E-04	2.44E-03
2897	NG_1593	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.507	7.07E-03	1.49E-02	2.05E-01	1.12E-02	3.84E-06	1.47E-02	2.27E-03	7.09E-04	1.39E-11	3.68E-04	9.74E-07	6.81E-07	1.08E-05	6.71E-06	4.02E-05	6.36E-07	1.45E-05	1.98E-03	1.83E-04	2.36E-03
2898	NG_1594	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.507	6.84E-03	1.44E-02	1.98E-01	1.09E-02	3.71E-06	1.42E-02	2.20E-03	6.86E-04	1.34E-11	3.56E-04	9.42E-07	6.58E-07	1.04E-05	6.49E-06	3.89E-05	6.15E-07	1.40E-05	1.92E-03	1.77E-04	2.28E-03
2899	NG_1595	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.507	6.64E-03	1.39E-02	1.92E-01	1.06E-02	3.60E-06	1.38E-02	2.13E-03	6.65E-04	1.30E-11	3.46E-04	9.14E-07	6.39E-07	1.01E-05	6.30E-06	3.77E-05	5.97E-07	1.36E-05	1.86E-03	1.72E-04	2.22E-03
2900	NG_1596	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.507	6.39E-03	1.34E-02	1.85E-01	1.03E-02	3.47E-06	1.32E-02	2.05E-03	6.40E-04	1.25E-11	3.33E-04	8.79E-07	6.15E-07	9.74E-06	6.06E-06	3.63E-05	5.75E-07	1.31E-05	1.79E-03	1.66E-04	2.13E-03
2901	NG_1597	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.507	6.07E-03	1.28E-02	1.76E-01	9.85E-03	3.29E-06	1.25E-02	1.95E-03	6.09E-04	1.19E-11	3.16E-04	8.36E-07	5.84E-07	9.26E-06	5.76E-06	3.45E-05	5.46E-07	1.25E-05	1.70E-03	1.58E-04	2.03E-03
2902	NG_1598	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.507	5.73E-03	1.20E-02	1.66E-01	9.35E-03	3.11E-06	1.17E-02	1.84E-03	5.75E-04	1.12E-11	2.98E-04	7.89E-07	5.52E-07	8.74E-06	5.44E-06	3.26E-05	5.16E-07	1.18E-05	1.61E-03	1.49E-04	1.91E-03
2903	NG_1599	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.507	5.39E-03	1.13E-02	1.56E-01	8.85E-03	2.93E-06	1.09E-02	1.73E-03	5.41E-04	1.06E-11	2.81E-04	7.43E-07	5.19E-07	8.23E-06	5.12E-06	3.07E-05	4.85E-07	1.11E-05	1.51E-03	1.40E-04	1.80E-03
2904	NG_1600	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.557	5.43E-03	1.14E-02	1.57E-01	9.69E-03	2.95E-06	1.21E-02	1.74E-03	5.44E-04	1.06E-11	2.83E-04	7.50E-07	5.27E-07	8.28E-06	5.16E-06	3.09E-05	4.89E-07	1.11E-05	1.52E-03	1.41E-04	1.81E-03
2905	NG_1601	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.557	5.82E-03	1.22E-02	1.68E-01	1.03E-02	3.16E-06	1.29E-02	1.87E-03	5.83E-04	1.14E-11	3.03E-04	8.03E-07	5.65E-07	8.87E-06	5.52E-06	3.31E-05	5.24E-07	1.19E-05	1.63E-03	1.51E-04	1.94E-03
2906	NG_1602	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.557	6.24E-03	1.31E-02	1.80E-01	1.10E-02	3.39E-06	1.38E-02	2.00E-03	6.25E-04	1.22E-11	3.25E-04	8.61E-07	6.06E-07	9.51E-06	5.92E-06	3.55E-05	5.62E-07	1.28E-05	1.75E-03	1.62E-04	2.08E-03
2907	NG_1603	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.557	6.75E-03	1.42E-02	1.95E-01	1.18E-02	3.67E-06	1.49E-02	2.17E-03	6.77E-04	1.32E-11	3.52E-04	9.33E-07	6.56E-07	1.03E-05	6.42E-06	3.84E-05	6.08E-07	1.39E-05	1.89E-03	1.75E-04	2.26E-03
2908	NG_1604	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.557	7.38E-03	1.55E-02	2.13E-01	1.28E-02	4.01E-06	1.63E-02	2.37E-03	7.40E-04	1.45E-11	3.84E-04	1.02E-06	7.17E-07	1.13E-05	7.01E-06	4.20E-05	6.65E-07	1.52E-05	2.07E-03	1.92E-04	2.47E-03
2909	NG_1605	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.557	8.04E-03	1.69E-02	2.32E-01	1.38E-02	4.37E-06	1.78E-02	2.58E-03	8.06E-04	1.58E-11	4.19E-04	1.11E-06	7.81E-07	1.23E-05	7.63E-06	4.57E-05	7.24E-07	1.65E-05	2.25E-03	2.09E-04	2.69E-03
2910	NG_1606	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.557	8.73E-03	1.83E-02	2.52E-01	1.49E-02	4.74E-06	1.93E-02	2.80E-03	8.75E-04	1.71E-11	4.54E-04	1.21E-06	8.47E-07	1.33E-05	8.29E-06	4.96E-05	7.86E-07	1.79E-05	2.45E-03	2.26E-04	2.92E-03
2911	NG_1607	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.557	9.57E-03	2.01E-02	2.76E-01	1.62E-02	5.20E-06	2.12E-02	3.07E-03	9.59E-04	1.88E-11	4.98E-04	1.32E-06	9.29E-07	1.46E-05	9.09E-06	5.44E-05	8.61E-07	1.96E-05	2.68E-03	2.48E-04	3.20E-03
2912	NG_1608	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.557	1.04E-02	2.18E-02	3.00E-01	1.75E-02	5.65E-06	2.31E-02	3.34E-03	1.04E-03	2.04E-11	5.41E-04	1.44E-06	1.01E-06	1.59E-05	9.87E-06	5.91E-05	9.36E-07	2.13E-05	2.91E-03	2.70E-04	3.47E-03
2913	NG_1609	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.557	1.11E-02	2.33E-02	3.20E-01	1.86E-02	6.03E-06	2.48E-02	3.57E-03	1.11E-03	2.18E-11	5.78E-04	1.53E-06	1.08E-06	1.69E-05	1.05E-05	6.31E-05	9.99E-07	2.28E-05	3.11E-03	2.88E-04	3.71E-03
2914	NG_1610	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.557	1.16E-02	2.44E-02	3.35E-01	1.94E-02	6.30E-06	2.61E-02	3.73E-03	1.16E-03	2.28E-11	6.05E-04	1.60E-06	1.12E-06	1.77E-05	1.10E-05	6.60E-05	1.05E-06	2.38E-05	3.26E-03	3.01E-04	3.88E-03
2915	NG_1611	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.557	1.20E-02	2.53E-02	3.47E-01	2.00E-02	6.53E-06	2.72E-02	3.86E-03	1.21E-03	2.36E-11	6.26E-04	1.66E-06	1.16E-06	1.83E-05	1.14E-05	6.84E-05	1.08E-06	2.47E-05	3.37E-03	3.12E-04	4.02E-03
2916	NG_1612	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.557	1.22E-02	2.55E-02	3.51E-01	2.02E-02	6.60E-06	2.76E-02	3.91E-03	1.22E-03	2.39E-11	6.33E-04	1.68E-06	1.17E-06	1.85E-05	1.15E-05	6.92E-05	1.09E-06	2.50E-05	3.41E-03	3.16E-04	4.06E-03
2917	NG_1613	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.557	1.22E-02	2.55E-02	3.51E-01	2.01E-02	6.59E-06	2.78E-02	3.90E-03	1.22E-03	2.38E-11	6.33E-04	1.67E-06	1.17E-06	1.85E-05	1.15E-05	6.91E-05	1.09E-06	2.50E-05	3.41E-03	3.15E-04	4.06E-03
2918	NG_1614	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.557	1.20E-02	2.51E-02	3.45E-01	1.97E-02	6.49E-06	2.74E-02	3.84E-03	1.20E-03	2.35E-11	6.23E-04	1.65E-06	1.15E-06	1.82E-05	1.13E-05	6.80E-05	1.08E-06	2.46E-05	3.35E-03	3.10E-04	4.00E-03
2919	NG_1615	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.557	1.16E-02	2.43E-02	3.34E-01	1.90E-02	6.28E-06	2.65E-02	3.72E-03	1.16E-03	2.27E-11	6.03E-04	1.59E-06	1.11E-06	1.77E-05	1.10E-05	6.59E-05	1.04E-06	2.38E-05	3.25E-03	3.01E-04	3.87E-03
2920	NG_1616	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.557	1.11E-02	2.34E-02	3.22E-01	1.81E-02	6.04E-06	2.54E-02	3.58E-03	1.12E-03	2.19E-11	5.80E-04	1.53E-06	1.07E-06	1.70E-05	1.06E-05	6.34E-05	1.00E-06	2.29E-05	3.12E-03	2.89E-04	3.72E-03
2921	NG_1617	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.557	1.07E-02	2.25E-02	3.10E-01	1.72E-02	5.82E-06	2.42E-02	3.45E-03	1.08E-03	2.10E-11	5.59E-04	1.48E-06	1.03E-06	1.64E-05	1.02E-05	6.10E-05	9.65E-07	2.20E-05	3.01E-03	2.78E-04	3.58E-03
2922	NG_1618	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.557	1.03E-02	2.16E-02	2.96E-01	1.63E-02	5.57E-06	2.29E-02	3.30E-03	1.03E-03	2.01E-11	5.34E-04	1.41E-06	9.85E-07	1.56E-05	9.73E-06	5.84E-05	9.23E-07	2.11E-05	2.88E-03	2.66E-04	3.43E-03
2923	NG_1619	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.557	9.68E-03	2.03E-02	2.79E-01	1.51E-02	5.25E-06	2.13E-02	3.11E-03	9.70E-04	1.90E-11	5.04E-04	1.33E-06	9.29E-07	1.48E-05	9.18E-06	5.50E-05	8.71E-07	1.99E-05	2.71E-03	2.51E-04	3.23E-03
2924	NG_1620	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.557	9.15E-03	1.92E-02	2.64E-01	1.42E-02	4.96E-06	1.98E-02	2.94E-03	9.17E-04	1.79E-11	4.76E-04	1.26E-06	8.79E-07	1.39E-05	8.68E-06	5.20E-05	8.23E-07	1.88E-05	2.56E-03	2.37E-04	3.06E-03
2925	NG_1621	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.557	8.65E-03	1.82E-02	2.50E-01	1.33E-02	4.69E-06	1.86E-02	2.78E-03	8.67E-04	1.70E-11	4.50E-04	1.19E-06	8.31E-07	1.32E-05	8.20E-06	4.92E-05	7.78E-07	1.78E-05	2.42E-03	2.24E-04	2.89E-03

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 1 COMMERCIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							1.24E-01	2.60E-01	3.55E+00	1.99E-01	6.74E-05	3.58E-01	3.98E-02	1.24E-02	2.43E-10	6.46E-03	1.72E-05	1.22E-05	1.89E-04	1.18E-04	7.05E-04	1.12E-05	2.54E-04	3.47E-02	3.21E-03	4.14E-02
Receptor ID of Maximum Offsite Concentration / Deposition Rate							NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837
Coordinates of Maximum Offsite Concentration/ Deposition Rate						X	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464
						Y	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607
2926	NG_1622	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.557	8.18E-03	1.72E-02	2.36E-01	1.25E-02	4.44E-06	1.74E-02	2.63E-03	8.20E-04	1.60E-11	4.26E-04	1.13E-06	7.86E-07	1.25E-05	7.76E-06	4.65E-05	7.36E-07	1.68E-05	2.29E-03	2.12E-04	2.73E-03
2927	NG_1623	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.557	7.77E-03	1.63E-02	2.24E-01	1.18E-02	4.21E-06	1.65E-02	2.49E-03	7.79E-04	1.52E-11	4.04E-04	1.07E-06	7.47E-07	1.18E-05	7.37E-06	4.42E-05	6.99E-07	1.60E-05	2.18E-03	2.02E-04	2.59E-03
2928	NG_1624	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.557	7.39E-03	1.55E-02	2.13E-01	1.12E-02	4.01E-06	1.56E-02	2.37E-03	7.41E-04	1.45E-11	3.85E-04	1.02E-06	7.11E-07	1.13E-05	7.01E-06	4.20E-05	6.65E-07	1.52E-05	2.07E-03	1.92E-04	2.47E-03
2929	NG_1625	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.557	7.12E-03	1.50E-02	2.06E-01	1.08E-02	3.86E-06	1.50E-02	2.29E-03	7.14E-04	1.40E-11	3.71E-04	9.81E-07	6.86E-07	1.09E-05	6.75E-06	4.05E-05	6.41E-07	1.46E-05	2.00E-03	1.85E-04	2.38E-03
2930	NG_1626	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.557	7.00E-03	1.47E-02	2.02E-01	1.07E-02	3.80E-06	1.48E-02	2.25E-03	7.02E-04	1.37E-11	3.64E-04	9.64E-07	6.75E-07	1.07E-05	6.64E-06	3.98E-05	6.30E-07	1.44E-05	1.96E-03	1.82E-04	2.34E-03
2931	NG_1627	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.557	6.97E-03	1.46E-02	2.01E-01	1.06E-02	3.78E-06	1.47E-02	2.24E-03	6.99E-04	1.37E-11	3.63E-04	9.61E-07	6.74E-07	1.06E-05	6.62E-06	3.96E-05	6.27E-07	1.43E-05	1.95E-03	1.81E-04	2.33E-03
2932	NG_1628	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.557	6.96E-03	1.46E-02	2.01E-01	1.06E-02	3.78E-06	1.47E-02	2.24E-03	6.98E-04	1.37E-11	3.63E-04	9.60E-07	6.73E-07	1.06E-05	6.61E-06	3.96E-05	6.27E-07	1.43E-05	1.95E-03	1.81E-04	2.33E-03
2933	NG_1629	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.557	7.00E-03	1.47E-02	2.02E-01	1.07E-02	3.80E-06	1.47E-02	2.25E-03	7.02E-04	1.37E-11	3.65E-04	9.66E-07	6.77E-07	1.07E-05	6.65E-06	3.98E-05	6.30E-07	1.44E-05	1.96E-03	1.82E-04	2.34E-03
2934	NG_1630	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.557	7.10E-03	1.49E-02	2.05E-01	1.09E-02	3.85E-06	1.49E-02	2.28E-03	7.12E-04	1.39E-11	3.70E-04	9.79E-07	6.86E-07	1.08E-05	6.74E-06	4.04E-05	6.39E-07	1.46E-05	1.99E-03	1.84E-04	2.37E-03
2935	NG_1631	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.557	7.14E-03	1.50E-02	2.06E-01	1.10E-02	3.87E-06	1.50E-02	2.29E-03	7.15E-04	1.40E-11	3.72E-04	9.84E-07	6.90E-07	1.09E-05	6.77E-06	4.06E-05	6.42E-07	1.47E-05	2.00E-03	1.85E-04	2.38E-03
2936	NG_1632	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.557	7.13E-03	1.50E-02	2.06E-01	1.11E-02	3.87E-06	1.49E-02	2.29E-03	7.15E-04	1.40E-11	3.71E-04	9.83E-07	6.89E-07	1.09E-05	6.77E-06	4.06E-05	6.42E-07	1.46E-05	2.00E-03	1.85E-04	2.38E-03
2937	NG_1633	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.557	7.01E-03	1.47E-02	2.03E-01	1.10E-02	3.80E-06	1.46E-02	2.25E-03	7.03E-04	1.37E-11	3.65E-04	9.66E-07	6.76E-07	1.07E-05	6.65E-06	3.99E-05	6.31E-07	1.44E-05	1.97E-03	1.82E-04	2.34E-03
2938	NG_1634	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.557	6.83E-03	1.44E-02	1.98E-01	1.08E-02	3.71E-06	1.41E-02	2.20E-03	6.85E-04	1.34E-11	3.56E-04	9.42E-07	6.59E-07	1.04E-05	6.49E-06	3.89E-05	6.15E-07	1.40E-05	1.92E-03	1.77E-04	2.28E-03
2939	NG_1635	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.557	6.62E-03	1.39E-02	1.92E-01	1.05E-02	3.59E-06	1.36E-02	2.13E-03	6.64E-04	1.30E-11	3.45E-04	9.12E-07	6.38E-07	1.01E-05	6.29E-06	3.77E-05	5.96E-07	1.36E-05	1.86E-03	1.72E-04	2.21E-03
2940	NG_1636	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.557	6.44E-03	1.35E-02	1.86E-01	1.03E-02	3.49E-06	1.32E-02	2.07E-03	6.45E-04	1.26E-11	3.35E-04	8.87E-07	6.20E-07	9.82E-06	6.11E-06	3.66E-05	5.79E-07	1.32E-05	1.81E-03	1.67E-04	2.15E-03
2941	NG_1637	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.557	6.22E-03	1.31E-02	1.80E-01	9.98E-03	3.38E-06	1.27E-02	2.00E-03	6.24E-04	1.22E-11	3.24E-04	8.57E-07	5.99E-07	9.49E-06	5.90E-06	3.54E-05	5.60E-07	1.28E-05	1.74E-03	1.61E-04	2.08E-03
2942	NG_1638	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.557	5.95E-03	1.25E-02	1.72E-01	9.61E-03	3.23E-06	1.21E-02	1.91E-03	5.97E-04	1.17E-11	3.10E-04	8.19E-07	5.73E-07	9.07E-06	5.65E-06	3.38E-05	5.35E-07	1.22E-05	1.67E-03	1.54E-04	1.99E-03
2943	NG_1639	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.557	5.67E-03	1.19E-02	1.64E-01	9.20E-03	3.07E-06	1.15E-02	1.82E-03	5.68E-04	1.11E-11	2.95E-04	7.80E-07	5.46E-07	8.64E-06	5.38E-06	3.22E-05	5.10E-07	1.16E-05	1.59E-03	1.47E-04	1.89E-03
2944	NG_1640	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.557	5.38E-03	1.13E-02	1.56E-01	8.79E-03	2.92E-06	1.08E-02	1.73E-03	5.40E-04	1.06E-11	2.80E-04	7.41E-07	5.18E-07	8.21E-06	5.11E-06	3.06E-05	4.84E-07	1.11E-05	1.51E-03	1.40E-04	1.80E-03
2945	NG_1641	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.607	5.29E-03	1.11E-02	1.53E-01	9.41E-03	2.88E-06	1.16E-02	1.70E-03	5.31E-04	1.04E-11	2.76E-04	7.31E-07	5.14E-07	8.07E-06	5.03E-06	3.01E-05	4.77E-07	1.09E-05	1.48E-03	1.37E-04	1.77E-03
2946	NG_1642	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.607	5.68E-03	1.19E-02	1.64E-01	1.00E-02	3.09E-06	1.24E-02	1.82E-03	5.69E-04	1.11E-11	2.96E-04	7.84E-07	5.51E-07	8.66E-06	5.39E-06	3.23E-05	5.11E-07	1.17E-05	1.59E-03	1.47E-04	1.90E-03
2947	NG_1643	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.607	6.13E-03	1.29E-02	1.77E-01	1.07E-02	3.33E-06	1.34E-02	1.97E-03	6.14E-04	1.20E-11	3.19E-04	8.46E-07	5.95E-07	9.35E-06	5.82E-06	3.49E-05	5.52E-07	1.26E-05	1.72E-03	1.59E-04	2.05E-03
2948	NG_1644	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.607	6.69E-03	1.40E-02	1.93E-01	1.16E-02	3.63E-06	1.46E-02	2.15E-03	6.70E-04	1.31E-11	3.48E-04	9.23E-07	6.49E-07	1.02E-05	6.35E-06	3.80E-05	6.02E-07	1.37E-05	1.87E-03	1.73E-04	2.23E-03
2949	NG_1645	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.607	7.26E-03	1.53E-02	2.10E-01	1.26E-02	3.95E-06	1.59E-02	2.33E-03	7.28E-04	1.42E-11	3.78E-04	1.00E-06	7.06E-07	1.11E-05	6.90E-06	4.13E-05	6.54E-07	1.49E-05	2.04E-03	1.88E-04	2.43E-03
2950	NG_1646	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.607	7.91E-03	1.66E-02	2.29E-01	1.36E-02	4.30E-06	1.73E-02	2.54E-03	7.93E-04	1.55E-11	4.12E-04	1.09E-06	7.68E-07	1.21E-05	7.51E-06	4.50E-05	7.12E-07	1.62E-05	2.22E-03	2.05E-04	2.64E-03
2951	NG_1647	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.607	8.55E-03	1.80E-02	2.47E-01	1.46E-02	4.65E-06	1.87E-02	2.75E-03	8.58E-04	1.68E-11	4.46E-04	1.18E-06	8.31E-07	1.30E-05	8.12E-06	4.86E-05	7.70E-07	1.76E-05	2.40E-03	2.22E-04	2.86E-03
2952	NG_1648	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.607	9.31E-03	1.96E-02	2.69E-01	1.58E-02	5.06E-06	2.04E-02	2.99E-03	9.33E-04	1.83E-11	4.85E-04	1.29E-06	9.03E-07	1.42E-05	8.84E-06	5.29E-05	8.38E-07	1.91E-05	2.61E-03	2.42E-04	3.11E-03
2953	NG_1649	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.607	9.98E-03	2.10E-02	2.88E-01	1.68E-02	5.42E-06	2.20E-02	3.21E-03	1.00E-03	1.96E-11	5.20E-04	1.38E-06	9.68E-07	1.52E-05	9.48E-06	5.67E-05	8.98E-07	2.05E-05	2.80E-03	2.59E-04	3.33E-03
2954	NG_1650	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.607	1.06E-02	2.22E-02	3.06E-01	1.77E-02	5.74E-06	2.34E-02	3.40E-03	1.06E-03	2.07E-11	5.51E-04	1.46E-06	1.02E-06	1.61E-05	1.00E-05	6.01E-05	9.52E-07	2.17E-05	2.97E-03	2.74E-04	3.53E-03
2955	NG_1651	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.607	1.10E-02	2.31E-02	3.17E-01	1.84E-02	5.97E-06	2.44E-02	3.53E-03	1.10E-03	2.16E-11	5.72E-04	1.52E-06	1.06E-06	1.68E-05	1.04E-05	6.25E-05	9.89E-07	2.26E-05	3.08E-03	2.85E-04	3.67E-03
2956	NG_1652	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.607	1.12E-02	2.36E-02	3.25E-01	1.87E-02	6.10E-06	2.51E-02	3.61E-03	1.13E-03	2.20E-11	5.85E-04	1.55E-06	1.09E-06	1.71E-05	1.07E-05	6.39E-05	1.01E-06	2.31E-05	3.15E-03	2.92E-04	3.75E-03
2957	NG_1653	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.607	1.13E-02	2.38E-02	3.27E-01	1.88E-02	6.14E-06	2.55E-02	3.63E-03	1.13E-03	2.22E-11	5.89E-04	1.56E-06	1.09E-06	1.73E-05	1.07E-05	6.43E-05	1.02E-06	2.32E-05	3.17E-03	2.94E-04	3.78E-03
2958	NG_1654	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.607	1.12E-02	2.36E-02	3.24E-01	1.86E-02	6.09E-06	2.54E-02	3.60E-03	1.12E-03	2.20E-11	5.84E-04	1.54E-06	1.08E-06	1.71E-05	1.06E-05	6.38E-05	1.01E-06	2.30E-05	3.15E-03	2.91E-04	3.75E-03
2959	NG_1655	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.607	1.10E-02	2.31E-02	3.18E-01	1.82E-02	5.97E-06	2.49E-02	3.53E-03	1.10E-03	2.16E-11	5.73E-04	1.51E-06	1.06E-06	1.68E-05	1.04E-05	6.26E-05	9.90E-07	2.26E-05	3.08E-03	2.85E-04	3.68E-03
2960	NG_1656	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.607	1.07E-02	2.24E-02	3.08E-01	1.75E-02	5.78E-06	2.41E-02	3.42E-03	1.07E-03	2.09E-11	5.55E-04	1.47E-06	1.02E-06	1.63E-05	1.01E-05	6.06E-05	9.59E-07	2.19E-05	2.99E-03	2.77E-04	3.56E-03
2961	NG_1657	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.607	1.03E-02	2.16E-02	2.97E-01	1.67E-02	5.57E-06	2.31E-02	3.30E-03	1.03E-03	2.02E-11	5.35E-04	1.41E-06	9.86E-07	1.57E-05	9.75E-06	5.84E-05	9.25E-07	2.11E-05	2.88E-03	2.67E-04	3.43E-03
2962	NG_1658	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.607	9.86E-03	2.07E-02	2.85E-01	1.58E-02	5.35E-06	2.20E-02	3.17E-03	9.88E-04	1.93E-11	5.13E-04	1.36E-06	9.46E-07	1.50E-05	9.35E-06	5.60E-05	8.87E-07	2.02E-05	2.76E-03	2.56E-04	3.29E-03
2963	NG_1659	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.607	9.46E-03	1.99E-02	2.73E-01	1.50E-02	5.13E-06	2.09E-02	3.04E-03	9.48E-04	1.86E-11	4.92E-04	1.30E-06	9.08E-07	1.44E-05	8.97E-06	5.38E-05	8.51E-07	1.94E-05	2.65E-03	2.45E-04	3.16E-03
2964	NG_1660	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.607	9.03E-03	1.90E-02	2.61E-01	1.42E-02	4.90E-06	1.97E-02	2.90E-03	9.05E-04	1.77E-11	4.70E-04	1.24E-06	8.67E-07	1.38E-05	8.56E-06	5.13E-05	8.12E-07	1.85E-05	2.53E-03	2.34E-04	3.02E-03
2965	NG_1661	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.607	8.59E-03	1.81E-02	2.48E-01	1.34E-02	4.66E-06	1.85E-02	2.76E-03	8.61E-04	1.69E-11	4.47E-04	1.18E-06	8.25E-07	1.31E-05	8.15E-06	4.89E-05	7.73E-07	1.76E-05	2.41E-03	2.23E-04	2.87E-03
2966	NG_1662	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.607	8.13E-03	1.71E-02	2.35E-01	1.26E-02	4.41E-06	1.74E-02	2.61E-03	8.15E-04	1.59E-11	4.23E-04	1.12E-06	7.81E-07	1.24E-05	7.71E-06	4.62E-05	7.31E-07	1.67E-05	2.28E-03	2.11E-04	2.72E-03
2967	NG_1663	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.607	7.70E-03	1.62E-02	2.22E-01	1.18E-02	4.18E-06	1.63E-02	2.47E-03	7.72E-04	1.51E-11	4.01E-04	1.06E-06	7.40E-07	1.17E-05	7.30E-06	4.38E-05	6.93E-07	1.58E-05	2.16E-03	2.00E-04	2.57E-03
2968	NG_1664	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.607	7.31E-03	1.54E-02	2.11E-01	1.12E-02	3.96E-06	1.54E-02	2.35E-03	7.32E-04	1.43E-11	3.80E-04	1.01E-06	7.02E-07	1.11E-05	6.93E-06	4.15E-05	6.57E-07	1.50E-05	2.05E-03	1.90E-04	2.44E-03
2969	NG_1665	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.607	6.98E-03	1.47E-02	2.02E-01	1.07E-02	3.79E-06	1.47E-02	2.24E-03	7.00E-04	1.37E-11	3.63E-04	9.61E-07	6.71E-07	1.06E-05	6.62E-06	3.97E-05	6.28E-07	1.43E-05	1.96E-03	1.81E-04	2.33E-03
2970	NG_1666	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.607	6.73E-03	1.41E-02	1.95E-01	1.03E-02	3.65E-06	1.41E-02	2.16E-03	6.75E-04	1.32E-11	3.50E-04	9.27E-07	6.48E-07	1.03E-05	6.38E-06	3.83E-05	6.06E-07	1.38E-05	1.89E-03	1.75E-04	2.25E-03
2971	NG_1667	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.607	6.57E-03	1.38E-02	1.90E-01	1.00E-02	3.57E-06	1.38E-02	2.11E-03	6.59E-04	1.29E-11	3.42E-04	9.05E-07	6.34E-07	1.00E-05	6.23E-06	3.74E-05	5.91E-07	1.35E-05	1.84E-03	1.70E-04	2.19E-03
2972	NG_1668	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.607	6.50E-03	1.37E-02	1.88E-01	9.93E-03	3.53E-06	1.36E-02	2.09E-03	6.51E-04	1.27E-11	3.38E-04	8.96E-07	6.28E-07	9.91E-06	6.17E-06	3.70E-05	5.85E-07	1.33E-05	1.82E-03	1.69E-04	2.17E-03
2973	NG_1669	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.607	6.51E-03	1.37E-02	1.88E-01	9.96E-03	3.54E-06	1.36E-02	2.09E-03	6.53E-04	1.28E-11	3.39E-04	8.98E-07	6.30E-07	9.93E-06	6.18E-06	3.70E-05	5.86E-07	1.34E-05	1.83E-03	1.69E-04	2.18E-03
2974	NG_1670	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.607	6.59E-03	1.39E-02	1.91E-01	1.01E-02	3.58E-06	1.38E-02	2.12E-03	6.61E-04	1.29E-11	3.43E-04	9.09E-07	6.38E-07	1.01E-05	6.26E-06	3.75E-05	5.93E-07	1.35E-05	1.85E-03	1.71E-04	2.20E-03
2975	NG_1671	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.607	6.68E-03	1.40E-02	1.93E-01	1.03E-02	3.63E-06	1.39E-02	2.15E-03	6.69E-04	1.31E-11	3.48E-04	9.21E-07	6.46E-07	1.02E-05	6.34E-06	3.80E-05	6.01E-07	1.37E-05	1.87E-03	1.73E-04	2.23E-03
2976	NG_1672	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.607	6.75E-03	1.42E-02	1.95E-01	1.04E-02	3.66E-06	1.40E-02	2.17E-03	6.76E-04	1.32E-11	3.51E-04	9.31E-07	6.53E-07	1.03E-05	6.40E-06	3.84E-05	6.07E-07	1.39E-05	1.89E-03	1.75E-04	2.25E-03
2977	NG_1673	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.607	6.74E-03	1.42E-02	1.95E-01	1.05E-02	3.66E-06	1.40E-02	2.16E-03	6.75E-04	1.32E-11	3.51E-04	9.29E-07	6.51E-07	1.03E-05	6.39E-06	3.83E-05	6.06E-07	1.38E-05	1.89E-03	1.75E-04	2.25E-03
2978	NG_1674	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.607	6.68E-03	1.40E-02	1.93E-01	1.04E-02	3.63E-06	1.38E-02	2.15E-03	6.70E-04	1.31E-11	3.48E-04	9.21E-07	6.45E-07	1.02E-05	6.34E-06	3.80E-05	6.01E-07	1.37E-05	1.87E-03	1.73E-04	2.23E-03
2979	NG_1675	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.607	6.55E-03	1.38E-02	1.90E-01	1.03E-02	3.56E-06	1.35E-02	2.11E-03	6.57E-04	1.29E-11	3.41E-04	9.03E-07	6.32E-07	9.99E-06	6.22E-06	3.73E-05	5.90E-07	1.35E-05	1.84E-03	1.70E-04	2.19E-03
2980	NG_1676	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.607	6.45E-03	1.36E-02	1.87E-01	1.02E-02	3.50E-06	1.32E-02	2.07E-03	6.47E-04	1.27E-11	3.36E-04	8.89E-07	6.22E-07	9.84E-06	6.12E-06	3.67E-05	5.81E-07	1.32E-05	1.81E-03	1.67E-04	2.16E-03
2981	NG_1677	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.607	6.29E-03	1.32E-02	1.82E-01	9.99E-03	3.41E-06	1.28E-02	2.02E-03	6.31E-04	1.23E-11	3.28E-04	8.66E-07	6.06E-07	9.59E-06	5.97E-06	3.58E-05	5.66E-07	1.29E-05	1.76E-03	1.63E-04	2.10E-03
2982	NG_1678	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.607	6.08E-03	1.28E-02	1.76E-01	9.73E-03	3.30E-06	1.24E-02	1.95E-03	6.10E-04	1.19E-11	3.17E-04	8.38E-07	5.86E-07	9.28E-06	5.77E-06	3.46E-05	5.48E-07	1.25E-05	1.71E-03	1.58E-04	2.03E-03
2983	NG_1679	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.607	5.87E-03	1.23E-02	1.70E-01	9.43E-03	3.18E-06	1.19E-02	1.88E-03	5.88E-04	1.15E-11	3.05E-04	8.08E-07	5.65E-07	8.95E-06	5.57E-06	3.34E-05	5.28E-07	1.20E-05	1.64E-03	1.52E-04	1.96E-03
2984	NG_1680	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.607	5.65E-03	1.19E-02	1.64E-01	9.15E-03	3.07E-06	1.14E-02	1.82E-03	5.67E-04	1.11E-11	2.94E-04	7.79E-07	5.45E-07	8.62E-06	5.36E-06	3.21E-05	5.09E-07	1.16E-05	1.59E-03	1.47E-04	1.89E-03
2985	NG_1681	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.607	5.44E-03	1.14E-02	1.58E-01	8.86E-03	2.96E-06	1.09E-02	1.75E-03	5.46E-04	1.07E-11	2.84E-04	7.50E-07	5.25E-07	8.30E-06	5.17E-06	3.10E-05	4.90E-07	1.12E-05	1.53E-03	1.41E-04	1.82E-03
1886	NG_582	Nested Grid - 50m	Commercial/Industrial	Offsite	379.014	6367.307	1.88E-02	3.95E-02	5.40E-01	2.87E-02	1.02E-05	4.37E-02	6.04E-03	1.88E-03	3.69E-11	9.79E-04	2.61E-06	1.86E-06	2.87E-05	1.79E-05	1.07E-04	1.69E-06	3.85E-05	5.27E-03	4.87E-04	6.28E-03
2008	NG_704	Nested Grid - 50m	Commercial/Industrial	Offsite	378.964	6367.457	1.67E-02	3.50E-02	4.79E-01	2.61E-02	9.07E-06	4.14E-02	5.36E-03	1.67E-03	3.27E-11	8.69E-04	2.31E-06	1.63E-06	2.54E-05	1.59E-05	9.49E-05	1.50E-06	3.42E-05	4.68E-03	4.33E-04	5.57E-03
2048	NG_744	Nested Grid - 50m	Commercial/Industrial	Offsite	378.914	6367.507	1.49E-02	3.14E-02	4.29E-01	2.35E-02	8.12E-06	3.73E-02	4.80E-03	1.50E-03	2.93E-11	7.78E-04	2.07E-06	1.46E-06	2.28E-05	1.42E-05	8.50E-05	1.35E-06	3.07E-05	4.19E-03	3.88E-04	4.99E-03

AQIA DATA - SCENARIO 1 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
16	SG_16	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6364.500	1.50E-09	2.79E-09	1.13E-08	1.01E-10	8.10E-13	8.11E-08	4.79E-10	1.50E-10	2.93E-18	7.77E-11	2.06E-13	1.45E-13	2.28E-12	1.42E-12	8.48E-12	1.34E-13	3.06E-12	4.18E-10	3.87E-11	4.99E-10
47	SG_47	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6364.700	1.65E-09	3.07E-09	1.23E-08	1.10E-10	8.92E-13	8.97E-08	5.28E-10	1.65E-10	3.22E-18	8.55E-11	2.27E-13	1.59E-13	2.50E-12	1.56E-12	9.34E-12	1.48E-13	3.37E-12	4.60E-10	4.26E-11	5.49E-10
78	SG_78	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6364.900	1.80E-09	3.35E-09	1.33E-08	1.20E-10	9.73E-13	9.79E-08	5.76E-10	1.80E-10	3.52E-18	9.33E-11	2.47E-13	1.74E-13	2.73E-12	1.70E-12	1.02E-11	1.61E-13	3.68E-12	5.03E-10	4.65E-11	5.99E-10
79	SG_79	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6364.900	2.03E-09	3.79E-09	1.52E-08	1.34E-10	1.10E-12	1.10E-07	6.48E-10	2.02E-10	3.96E-18	1.05E-10	2.78E-13	1.95E-13	3.08E-12	1.92E-12	1.15E-11	1.82E-13	4.14E-12	5.66E-10	5.23E-11	6.74E-10
98	SG_98	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6365.100	1.82E-09	3.19E-09	1.37E-08	1.57E-10	9.14E-13	1.35E-07	5.39E-10	1.68E-10	3.29E-18	8.74E-11	2.34E-13	1.68E-13	2.56E-12	1.60E-12	9.53E-12	1.51E-13	3.44E-12	4.70E-10	4.35E-11	5.60E-10
99	SG_99	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6365.100	1.94E-09	3.07E-09	1.33E-08	1.59E-10	9.13E-13	1.50E-07	5.38E-10	1.68E-10	3.28E-18	8.72E-11	2.33E-13	1.67E-13	2.55E-12	1.60E-12	9.52E-12	1.51E-13	3.43E-12	4.69E-10	4.34E-11	5.59E-10
109	SG_109	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.100	2.00E-09	3.71E-09	1.47E-08	1.32E-10	1.08E-12	1.10E-07	6.39E-10	1.99E-10	3.90E-18	1.04E-10	2.74E-13	1.93E-13	3.03E-12	1.89E-12	1.13E-11	1.79E-13	4.08E-12	5.57E-10	5.16E-11	6.64E-10
110	SG_110	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.100	2.28E-09	4.27E-09	1.71E-08	1.52E-10	1.23E-12	1.26E-07	7.30E-10	2.28E-10	4.46E-18	1.18E-10	3.13E-13	2.20E-13	3.46E-12	2.16E-12	1.29E-11	2.04E-13	4.66E-12	6.37E-10	5.89E-11	7.59E-10
140	SG_140	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.300	2.26E-09	4.20E-09	1.66E-08	1.50E-10	1.22E-12	1.29E-07	7.22E-10	2.25E-10	4.41E-18	1.17E-10	3.10E-13	2.18E-13	3.43E-12	2.13E-12	1.28E-11	2.02E-13	4.61E-12	6.30E-10	5.83E-11	7.51E-10
141	SG_141	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.300	2.59E-09	4.83E-09	1.92E-08	1.72E-10	1.40E-12	1.46E-07	8.26E-10	2.58E-10	5.04E-18	1.34E-10	3.55E-13	2.49E-13	3.92E-12	2.44E-12	1.46E-11	2.31E-13	5.28E-12	7.21E-10	6.67E-11	8.59E-10
171	SG_171	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.500	2.55E-09	4.71E-09	1.86E-08	1.69E-10	1.37E-12	1.50E-07	8.10E-10	2.53E-10	4.95E-18	1.31E-10	3.48E-13	2.44E-13	3.85E-12	2.39E-12	1.43E-11	2.27E-13	5.18E-12	7.07E-10	6.54E-11	8.43E-10
172	SG_172	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.500	2.97E-09	5.52E-09	2.20E-08	1.99E-10	1.60E-12	1.74E-07	9.44E-10	2.95E-10	5.76E-18	1.53E-10	4.05E-13	2.84E-13	4.48E-12	2.79E-12	1.67E-11	2.64E-13	6.03E-12	8.24E-10	7.62E-11	9.82E-10
190	SG_190	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6365.700	3.06E-09	5.31E-09	2.25E-08	2.82E-10	1.51E-12	2.37E-07	8.92E-10	2.78E-10	5.44E-18	1.45E-10	3.87E-13	2.78E-13	4.24E-12	2.65E-12	1.58E-11	2.50E-13	5.69E-12	7.78E-10	7.20E-11	9.28E-10
202	SG_202	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.700	2.90E-09	5.30E-09	2.10E-08	1.94E-10	1.54E-12	1.79E-07	9.13E-10	2.85E-10	5.57E-18	1.48E-10	3.92E-13	2.75E-13	4.33E-12	2.70E-12	1.62E-11	2.56E-13	5.84E-12	7.97E-10	7.37E-11	9.50E-10
203	SG_203	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.700	3.45E-09	6.26E-09	2.50E-08	2.32E-10	1.82E-12	2.12E-07	1.07E-09	3.35E-10	6.56E-18	1.74E-10	4.61E-13	3.23E-13	5.10E-12	3.17E-12	1.90E-11	3.01E-13	6.87E-12	9.38E-10	8.68E-11	1.12E-09
218	SG_218	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6365.900	2.82E-09	5.57E-09	2.36E-08	2.85E-10	1.53E-12	2.15E-07	8.99E-10	2.80E-10	5.49E-18	1.46E-10	3.90E-13	2.79E-13	4.27E-12	2.67E-12	1.59E-11	2.52E-13	5.74E-12	7.84E-10	7.26E-11	9.35E-10
219	SG_219	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6365.900	3.01E-09	5.85E-09	2.45E-08	3.10E-10	1.61E-12	2.30E-07	9.47E-10	2.96E-10	5.78E-18	1.54E-10	4.11E-13	2.95E-13	4.50E-12	2.81E-12	1.68E-11	2.66E-13	6.05E-12	8.27E-10	7.65E-11	9.85E-10
220	SG_220	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6365.900	3.28E-09	6.07E-09	2.52E-08	3.39E-10	1.69E-12	2.52E-07	9.97E-10	3.11E-10	6.08E-18	1.62E-10	4.33E-13	3.10E-13	4.73E-12	2.96E-12	1.76E-11	2.80E-13	6.36E-12	8.70E-10	8.04E-11	1.04E-09
234	SG_234	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.900	3.99E-09	6.75E-09	2.70E-08	2.67E-10	2.00E-12	2.63E-07	1.18E-09	3.69E-10	7.22E-18	1.92E-10	5.07E-13	3.55E-13	5.61E-12	3.49E-12	2.09E-11	3.31E-13	7.56E-12	1.03E-09	9.55E-11	1.23E-09
235	SG_235	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6365.900	4.71E-09	7.60E-09	3.07E-08	3.14E-10	2.27E-12	3.08E-07	1.35E-09	4.20E-10	8.22E-18	2.18E-10	5.77E-13	4.03E-13	6.39E-12	3.98E-12	2.38E-11	3.77E-13	8.61E-12	1.18E-09	1.09E-10	1.40E-09
242	SG_242	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6365.900	1.08E-08	1.92E-08	8.10E-08	1.04E-09	5.40E-12	6.50E-07	3.20E-09	9.98E-10	1.95E-17	5.18E-10	1.37E-12	9.55E-13	1.52E-11	9.44E-12	5.66E-11	8.96E-13	2.05E-11	2.79E-09	2.58E-10	3.33E-09
243	SG_243	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6365.900	1.07E-08	2.06E-08	8.59E-08	1.12E-09	5.64E-12	6.27E-07	3.34E-09	1.04E-09	2.04E-17	5.41E-10	1.43E-12	9.97E-13	1.59E-11	9.86E-12	5.91E-11	9.35E-13	2.14E-11	2.92E-09	2.70E-10	3.47E-09
249	SG_249	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.100	2.88E-09	5.66E-09	2.38E-08	3.05E-10	1.55E-12	2.29E-07	9.15E-10	2.85E-10	5.58E-18	1.48E-10	3.96E-13	2.83E-13	4.34E-12	2.71E-12	1.62E-11	2.57E-13	5.84E-12	7.98E-10	7.38E-11	9.51E-10
250	SG_250	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.100	3.12E-09	6.04E-09	2.50E-08	3.46E-10	1.66E-12	2.46E-07	9.79E-10	3.06E-10	5.98E-18	1.59E-10	4.25E-13	3.04E-13	4.65E-12	2.90E-12	1.73E-11	2.75E-13	6.25E-12	8.55E-10	7.91E-11	1.02E-09
251	SG_251	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.100	3.50E-09	6.52E-09	2.64E-08	4.03E-10	1.81E-12	2.78E-07	1.07E-09	3.33E-10	6.51E-18	1.73E-10	4.63E-13	3.31E-13	5.07E-12	3.16E-12	1.89E-11	2.99E-13	6.81E-12	9.31E-10	8.61E-11	1.11E-09
252	SG_252	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.100	3.85E-09	6.62E-09	2.67E-08	4.25E-10	1.89E-12	3.03E-07	1.11E-09	3.46E-10	6.78E-18	1.80E-10	4.82E-13	3.46E-13	5.27E-12	3.29E-12	1.97E-11	3.12E-13	7.09E-12	9.69E-10	8.96E-11	1.15E-09
265	SG_265	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.100	4.97E-09	7.25E-09	2.95E-08	3.26E-10	2.25E-12	3.70E-07	1.33E-09	4.15E-10	8.12E-18	2.16E-10	5.70E-13	3.98E-13	6.31E-12	3.93E-12	2.35E-11	3.73E-13	8.50E-12	1.16E-09	1.07E-10	1.38E-09
266	SG_266	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.100	5.71E-09	7.65E-09	3.10E-08	3.69E-10	2.44E-12	4.04E-07	1.45E-09	4.52E-10	8.84E-18	2.35E-10	6.20E-13	4.32E-13	6.87E-12	4.27E-12	2.56E-11	4.06E-13	9.26E-12	1.26E-09	1.17E-10	1.51E-09
267	SG_267	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.100	6.71E-09	8.14E-09	3.31E-08	4.34E-10	2.70E-12	4.44E-07	1.60E-09	4.99E-10	9.75E-18	2.59E-10	6.83E-13	4.76E-13	7.58E-12	4.71E-12	2.83E-11	4.47E-13	1.02E-11	1.39E-09	1.29E-10	1.66E-09
268	SG_268	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.100	8.28E-09	9.26E-09	3.79E-08	5.65E-10	3.15E-12	5.16E-07	1.87E-09	5.83E-10	1.14E-17	3.03E-10	7.98E-13	5.55E-13	8.86E-12	5.51E-12	3.31E-11	5.23E-13	1.19E-11	1.63E-09	1.51E-10	1.94E-09
269	SG_269	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.100	9.89E-09	1.14E-08	4.73E-08	7.69E-10	3.81E-12	6.10E-07	2.26E-09	7.05E-10	1.38E-17	3.66E-10	9.66E-13	6.72E-13	1.07E-11	6.66E-12	4.00E-11	6.32E-13	1.44E-11	1.97E-09	1.82E-10	2.35E-09
272	SG_272	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.100	1.20E-08	2.08E-08	8.73E-08	1.27E-09	5.89E-12	7.92E-07	3.49E-09	1.09E-09	2.13E-17	5.65E-10	1.49E-12	1.04E-12	1.66E-11	1.03E-11	6.18E-11	9.77E-13	2.23E-11	3.05E-09	2.82E-10	3.63E-09
273	SG_273	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.100	1.21E-08	2.29E-08	9.53E-08	1.35E-09	6.29E-12	7.72E-07	3.73E-09	1.16E-09	2.27E-17	6.04E-10	1.59E-12	1.11E-12	1.77E-11	1.10E-11	6.60E-11	1.04E-12	2.38E-11	3.25E-09	3.01E-10	3.87E-09
274	SG_274	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.100	1.17E-08	2.30E-08	9.49E-08	1.35E-09	6.26E-12	7.13E-07	3.71E-09	1.16E-09	2.26E-17	6.01E-10	1.59E-12	1.11E-12	1.76E-11	1.09E-11	6.57E-11	1.04E-12	2.37E-11	3.24E-09	3.00E-10	3.86E-09
275	SG_275	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.100	1.16E-08	2.31E-08	9.52E-08	1.36E-09	6.26E-12	6.91E-07	3.71E-09	1.16E-09	2.27E-17	6.01E-10	1.59E-12	1.11E-12	1.76E-11	1.10E-11	6.57E-11	1.04E-12	2.37E-11	3.24E-09	3.00E-10	3.86E-09
276	SG_276	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.100	1.09E-08	2.18E-08	8.96E-08	1.31E-09	5.91E-12	6.37E-07	3.50E-09	1.09E-09	2.14E-17	5.67E-10	1.50E-12	1.04E-12	1.66E-11	1.03E-11	6.20E-11	9.80E-13	2.24E-11	3.05E-09	2.83E-10	3.64E-09
277	SG_277	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.100	1.05E-08	2.10E-08	8.63E-08	1.28E-09	5.68E-12	6.07E-07	3.36E-09	1.05E-09	2.05E-17	5.45E-10	1.44E-12	1.00E-12	1.60E-11	9.93E-12	5.96E-11	9.42E-13	2.15E-11	2.94E-09	2.72E-10	3.50E-09
278	SG_278	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.100	9.92E-09	1.99E-08	8.18E-08	1.23E-09	5.37E-12	5.70E-07	3.18E-09	9.94E-10	1.94E-17	5.16E-10	1.36E-12	9.49E-13	1.51E-11	9.40E-12	5.64E-11	8.91E-13	2.04E-11	2.78E-09	2.57E-10	3.31E-09
280	SG_280	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.300	2.86E-09	5.57E-09	2.31E-08	3.22E-10	1.53E-12	2.40E-07	9.04E-10	2.82E-10	5.52E-18	1.47E-10	3.91E-13	2.79E-13	4.29E-12	2.68E-12	1.60E-11	2.54E-13	5.77E-12	7.89E-10	7.30E-11	9.40E-10
281	SG_281	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.300	3.13E-09	5.98E-09	2.43E-08	3.77E-10	1.65E-12	2.58E-07	9.75E-10	3.04E-10	5.95E-18	1.58E-10	4.22E-13	3.01E-13	4.63E-12	2.89E-12	1.73E-11	2.74E-13	6.22E-12	8.51E-10	7.87E-11	1.01E-09
282	SG_282	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.300	3.56E-09	6.48E-09	2.57E-08	4.50E-10	1.81E-12	2.89E-07	1.07E-09	3.33E-10	6.52E-18	1.73E-10	4.63E-13	3.31E-13	5.07E-12	3.17E-12	1.89E-11	3.00E-13	6.82E-12	9.32E-10	8.62E-11	1.11E-09
283	SG_283	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.300	4.14E-09	6.71E-09	2.64E-08	4.90E-10	1.95E-12	3.25E-07	1.15E-09	3.58E-10	7.01E-18	1.86E-10	4.98E-13	3.57E-13	5.45E-12	3.41E-12	2.03E-11	3.22E-13	7.33E-12	1.00E-09	9.27E-11	1.19E-09
296	SG_296	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.300	5.23E-09	7.28E-09	2.92E-08	3.53E-10	2.29E-12	4.11E-07	1.36E-09	4.24E-10	8.29E-18	2.20E-10	5.82E-13	4.07E-13	6.45E-12	4.01E-12	2.40E-11	3.80E-13	8.69E-12	1.19E-09	1.10E-10	1.41E-09
297	SG_297	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.300	6.38E-09	8.82E-09	3.58E-08	4.51E-10	2.77E-12	4.95E-07	1.64E-09	5.12E-10	1.00E-17	2.66E-10	7.02E-13	4.89E-13	7.79E-12	4.84E-12	2.91E-11	4.60E-13	1.05E-11	1.43E-09	1.33E-10	1.71E-09
298	SG_298	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.300	8.25E-09	1.09E-08	4.48E-08	6.35E-10	3.47E-12	6.05E-07	2.05E-09	6.41E-10	1.25E-17	3.33E-10	8.78E-13	6.11E-13	9.75E-12	6.06E-12	3.64E-11	5.75E-13	1.31E-11	1.79E-09	1.66E-10	2.14E-09
299	SG_299	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.300	1.07E-08	1.47E-08	6.05E-08	1.00E-09	4.54E-12	7.64E-07	2.69E-09	8.40E-10	1.64E-17	4.36E-10	1.15E-12	8.01E-13	1.28E-11	7.95E-12	4.77E-11	7.54E-13	1.72E-11	2.35E-09	2.18E-10	2.80E-09
300	SG_300	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.300	1.24E-08	1.91E-08	7.84E-08	1.47E-09	5.63E-12	9.11E-07	3.34E-09	1.04E-09	2.04E-17	5.41E-10	1.43E-12	9.93E-13	1.58E-11	9.84E-12	5.91E-11	9.34E-13	2.13E-11	2.91E-09	2.69E-10	3.47E-09
301	SG_301	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.300	1.33E-08	2.27E-08	9.31E-08	1.80E-09	6.43E-12	1.01E-06	3.81E-09	1.19E-09	2.33E-17	6.17E-10	1.63E-12	1.14E-12	1.81E-11	1.12E-11	6.74E-11	1.07E-12	2.44E-11	3.32E-09	3.08E-10	3.96E-09
302	SG_302	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.300	1.33E-08	2.43E-08	1.00E-07	1.87E-09	6.73E-12	1.01E-06	3.99E-09	1.24E-09	2.43E-17	6.46E-10	1.71E-12	1.19E-12	1.89E-11	1.18E-11	7.06E-11	1.12E-12	2.55E-11	3.48E-09	3.22E-10	4.15E-09
303	SG_303	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.300	1.32E-08	2.53E-08	1.05E-07	1.81E-09	6.92E-12	9.63E-07	4.10E-09	1.28E-09	2.50E-17	6.65E-10	1.76E-12	1.22E-12	1.95E-11	1.21E-11	7.26E-11	1.15E-12	2.62E-11	3.58E-09	3.31E-10	4.27E-09
304	SG_304	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.300	1.32E-08	2.60E-08	1.07E-07	1.73E-09	7.06E-12	9.04E-07	4.18E-09	1.30E-09	2.55E-17	6.78E-10	1.79E-12	1.25E-12	1.98E-11	1.23E-11	7.40E-11	1.17E-12	2.67E-11	3.65E-09	3.38E-10	4.35E-09
305	SG_305	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.300	1.31E-08	2.61E-08	1.07E-07	1.65E-09	7.05E-12	8.45E-07	4.18E-09	1.30E-09	2.55E-17	6.77E-10	1.79E-12	1.25E-12	1.98E-11	1.23E-11	7.39E-11	1.17E-12	2.67E-11	3.64E-09	3.37E-10	4.34E-09
306	SG_306	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.300	1.24E-08	2.48E-08	1.02E-07	1.55E-09	6.72E-12	7.67E-07	3.98E-09	1.24E-09	2.43E-17	6.45E-10	1.70E-12	1.19E-12	1.89E-11	1.17E-11	7.05E-11	1.11E-12	2.55E-11	3.47E-09	3.22E-10	4.14E-09
307	SG_307	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.300	1.18E-08	2.37E-08	9.68E-08	1.47E-09	6.40E-12	7.13E-07	3.79E-09	1.18E-09	2.31E-17	6.14E-10	1.62E-12	1.13E-12	1.80E-11	1.12E-11	6.71E-11	1.06E-12	2.42E-11	3.31E-09	3.06E-10	3.94E-09
308	SG_308	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.300	1.14E-08	2.28E-08	9.35E-08	1.42E-09	6.15E-12	6.79E-07	3.65E-09	1.14E-09	2.23E-17	5.91E-10	1.56E-12	1.09E-12	1.73E-11	1.08E-11	6.45E-11	1.02E-12	2.33E-11	3.18E-09	2.94E-10	3.79E-09
309	SG_309	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.300	1.06E-08	2.13E-08	8.73E-08	1.33E-09	5.74E-12	6.27E-07	3.40E-09	1.06E-09	2.07E-17	5.51E-10	1.45E-12	1.01E-12	1.61E-11	1.00E-11	6.02E-11	9.51E-13	2.17E-11	2.97E-09	2.74E-10	3.53E-09
310	SG_310	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.300	9.91E-09	2.00E-08	8.19E-08	1.25E-09	5.37E-12	5.82E-07	3.18E-09	9.93E-10	1.94E-17	5.15E-10	1.36E-12	9.49E-13	1.51E-11	9.39E-12	5.63E-11	8.91E-13	2.03E-11	2.78E-09	2.57E-10	3.31E-09
311	SG_311	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.500	2.73E-09	5.18E-09	2.12E-08	3.23E-10	1.44E-12	2.35E-07	8.51E-10	2.65E-10	5.19E-18	1.38E-10	3.68E-13	2.61E-13	4.04E-12	2.52E-12	1.51E-11	2.39E-13	5.43E-12	7.43E-10	6.87E-11	8.85E-10
312	SG_312	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.500	2.96E-09	5.45E-09	2.17E-08	3.78E-10	1.53E-12	2.44E-07	9.02E-10	2.81E-10	5.50E-18	1.46E-10	3.90E-13	2.77E-13	4.28E-12	2.67E-12	1.60E-11	2.53E-13	5.76E-12	7.87E-10	7.28E-11	9.38E-10
313	SG_313	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.500	3.53E-09	6.12E-09	2.38E-08	4.73E-10	1.74E-12	2.95E-07	1.03E-09	3.20E-10	6.27E-18	1.67E-10	4.45E-13	3.17E-13	4.88E-12	3.04E-12	1.82E-11	2.88E-13	6.56E-12	8.96E-10	8.29E-11	1.07E-09
314	SG_314	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.500	4.39E-09	6.35E-09	2.45E-08	5.26E-10	1.92E-12	3.43E-07	1.13E-09	3.54E-10	6.92E-18	1.84E-10	4.92E-13	3.51E-13	5.39E-12	3.36E-12	2.01E-11	3.18E-13	7.24E-12	9.90E-10	9.16E-11	1.18E-09
328	SG_328	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.500	8.90E-09	1.57E-08	6.49E-08	7.91E-10	4.46E-12	8.08E-07	2.64E-09	8.24E-10	1.61E-17	4.28E-10	1.13E-12	7.85E-13	1.25E-11	7.79E-12	4.68E-11	7.39E-13	1.69E-11	2.31E-09	2.13E-10	2.75E-09
329	SG_329	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.500	1.20E-08	2.16E-08	8.98E-08	1.33E-09	6.05E-12	1.06E-06	3.59E-09	1.12E-09	2.19E-17	5.81E-10	1.53E-12	1.06E-12	1.70E-11	1.06E-11	6.35E-11	1.00E-12	2.29E-11	3.13E-09	2.90E-10	3.73E-09
330	SG_330	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.500	1.53E-08	2.82E-08	1.16E-07	2.18E-09	7.79E-12	1.31E-06	4.62E-09	1.44E-09	2.82E-17	7.48E-10	1.97E-12	1.37E-12	2.19E-11	1.36E-11	8.17E-11	1.29E-12	2.95E-11	4.03E-09	3.73E-10	4.80E-09
331	SG_331	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.500	1.65E-08	3.14E-08	1.25E-07	3.03E-09	8.54E-12	1.40E-06	5.06E-09	1.58E-09	3.09E-17	8.20E-10	2.16E-12	1.51E-12	2.40E-11	1.49E-11	8.96E-11	1.42E-12	3.24E-11	4.42E-09	4.09E-10	5.26E-09
332	SG_332	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.500	1.68E-08	3.28E-08	1.30E-07	3.39E-09	8.86E-12	1.45E-06	5.25E-09	1.64E-09	3.20E-17	8.50E-10	2.24E-12	1.56E-12	2.49E-11	1.55E-11	9.29E-11	1.47E-12	3.36E-11	4.58E-09	4.24E-10	5.46E-09
333	SG_333	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.500	1.58E-08	3.11E-08	1.25E-07	3.10E-09	8.40E-12	1.32E-06	4.97E-09	1.55E-09	3.04E-17	8.06E-10	2.13E-12	1.48E-12	2.36E-11	1.47E-11	8.81E-11	1.39E-12	3.18E-11	4.34E-09	4.02E-10	5.17E-09
334	SG_334	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.500	1.49E-08	2.97E-08	1.21E-07	2.63E-09	8.00E-12	1.19E-06	4.74E-09	1.48E-09	2.89E-17	7.68E-10	2.03E-12	1.41E-12	2.25E-11	1.40E-11	8.39E-11	1.33E-12	3.03E-11	4.14E-09	3.83E-10	4.93E-09
335	SG_335	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.500	1.42E-08	2.83E-08	1.16E-07	2.20E-09	7.66E-12	1.04E-06	4.54E-09	1.42E-09	2.77E-17	7.35E-10	1.94E-12	1.35E-12	2.15E-11	1.34E-11	8.03E-11	1.27E-12	2.90E-11	3.96E-09	3.66E-10	4.72E-09
336	SG_336	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.500	1.38E-08	2.75E-08	1.12E-07	1.91E-09	7.44E-12	9.29E-07	4.41E-09	1.38E-09	2.69E-17	7.14E-10	1.89E-12	1.31E-12	2.09E-11	1.30E-11	7.80E-11	1.23E-12	2.82E-11	3.85E-09	3.56E-10	4.58E-09
337	SG_337	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.500	1.37E-08	2.75E-08	1.13E-07	1.77E-09	7.42E-12	8.77E-07	4.40E-09	1.37E-09	2.69E-17	7.13E-10	1.88E-12	1.31E-12	2.09E-11	1.30E-11	7.79E-11	1.23E-12	2.81E-11	3.84E-09	3.55E-10	4.58E-09
338	SG_338	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.500	1.30E-08	2.60E-08	1.07E-07	1.63E-09	7.03E-12	7.99E-07	4.16E-09	1.30E-09	2.54E-17	6.75E-10	1.78E-12	1.24E-12	1.98E-11	1.23E-11	7.37E-11	1.17E-12	2.66E-11	3.63E-09	3.36E-10	4.33E-09
339	SG_339	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.500	1.19E-08	2.40E-08	9.83E-08	1.49E-09	6.47E-12	7.21E-07	3.83E-09	1.20E-09	2.34E-17	6.21E-10	1.64E-12	1.14E-12	1.82E-11	1.13E-11	6.78E-11	1.07E-12	2.45E-11	3.34E-09	3.09E-10	3.98E-09
340	SG_340	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.500	1.09E-08	2.19E-08	8.96E-08	1.36E-09	5.89E-12	6.51E-07	3.49E-09	1.09E-09	2.13E-17	5.66E-10	1.49E-12	1.04E-12	1.66E-11	1.03E-11	6.18E-11	9.78E-13	2.23E-11	3.05E-09	2.82E-10	3.63E-09
341	SG_341	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.500	9.98E-09	2.01E-08	8.24E-08	1.25E-09	5.41E-12	5.94E-07	3.20E-09	1.00E-09	1.96E-17	5.19E-10	1.37E-12	9.56E-13	1.52E-11	9.46E-12	5.67E-11	8.97E-13	2.05E-11	2.80E-09	2.59E-10	3.33E-09
342	SG_342	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.700	2.68E-09	4.92E-09	1.98E-08	3.27E-10	1.39E-12	2.34E-07	8.20E-10	2.56E-10	5.00E-18	1.33E-10	3.54E-13	2.51E-13	3.89E-12	2.43E-12	1.45E-11	2.30E-13	5.24E-12	7.15E-10	6.62E-11	8.53E-10
343	SG_343	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.700	2.89E-09	5.08E-09	1.98E-08	3.78E-10	1.45E-12	2.42E-07	8.56E-10	2.67E-10	5.23E-18	1.39E-10	3.70E-13	2.62E-13	4.07E-12	2.53E-12	1.52E-11	2.40E-13	5.47E-12	7.47E-10	6.91E-11	8.90E-10
344	SG_344	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.700	3.38E-09	5.46E-09	2.10E-08	4.52E-10	1.60E-12	2.81E-07	9.44E-10	2.95E-10	5.77E-18	1.53E-10	4.08E-13	2.90E-13	4.49E-12	2.80E-12	1.67E-11	2.65E-13	6.03E-12	8.24E-10	7.63E-11	9.82E-10
345	SG_345	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.700	4.17E-09	5.50E-09	2.09E-08	4.89E-10	1.74E-12	3.19E-07	1.02E-09	3.20E-10	6.26E-18	1.66E-10	4.43E-13	3.15E-13	4.87E-12	3.04E-12	1.81E-11	2.88E-13	6.54E-12	8.94E-10	8.27E-11	1.07E-09
356	SG_356	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6366.700	6.04E-09	1.07E-08	4.18E-08	5.04E-10	3.10E-12	5.76E-07	1.83E-09	5.72E-10	1.12E-17	2.97E-10	7.88E-13	5.55E-13	8.70E-12	5.42E-12	3.25E-11	5.14E-13	1.17E-11	1.60E-09	1.48E-10	1.91E-09
357	SG_357	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6366.700	7.81E-09	1.43E-08	5.70E-08	6.67E-10	4.06E-12	7.62E-07	2.40E-09	7.50E-10	1.47E-17	3.89E-10	1.03E-12	7.20E-13	1.14E-11	7.10E-12	4.25E-11	6.73E-13	1.54E-11	2.10E-09	1.94E-10	2.50E-09
358	SG_358	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.700	1.07E-08	2.03E-08	8.27E-08	9.70E-10	5.64E-12	1.05E-06	3.34E-09	1.04E-09	2.04E-17	5.42E-10	1.43E-12	9.95E-13	1.59E-11	9.87E-12	5.92E-11	9.36E-13	2.14E-11	2.92E-09	2.70E-10	3.48E-09
359	SG_359	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.700	1.44E-08	2.80E-08	1.15E-07	1.63E-09	7.67E-12	1.38E-06	4.55E-09	1.42E-09	2.78E-17	7.37E-10	1.94E-12	1.35E-12	2.16E-11	1.34E-11	8.05E-11	1.27E-12	2.91E-11	3.97E-09	3.67E-10	4.73E-09
360	SG_360	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.700	1.97E-08	3.92E-08	1.59E-07	3.14E-09	1.06E-11	1.86E-06	6.27E-09	1.96E-09	3.83E-17	1.02E-09	2.68E-12	1.86E-12	2.97E-11	1.85E-11	1.11E-10	1.75E-12	4.01E-11	5.47E-09	5.06E-10	6.52E-09
361	SG_361	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.700	2.27E-08	4.56E-08	1.82E-07	4.81E-09	1.22E-11	2.14E-06	7.23E-09	2.26E-09	4.42E-17	1.17E-09	3.09E-12	2.15E-12	3.43E-11	2.13E-11	1.28E-10	2.03E-12	4.63E-11	6.31E-09	5.84E-10	7.52E-09

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 1 COMMERCIAL

Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
362	SG_362	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.700	2.18E-08	4.40E-08	1.70E-07	5.81E-09	1.17E-11	2.06E-06	6.95E-09	2.17E-09	4.25E-17	1.13E-09	2.97E-12	2.07E-12	3.30E-11	2.05E-11	1.23E-10	1.95E-12	4.45E-11	6.07E-09	5.62E-10	7.23E-09
363	SG_363	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.700	1.99E-08	4.01E-08	1.52E-07	5.64E-09	1.07E-11	1.85E-06	6.34E-09	1.98E-09	3.87E-17	1.03E-09	2.71E-12	1.89E-12	3.01E-11	1.87E-11	1.12E-10	1.78E-12	4.06E-11	5.54E-09	5.12E-10	6.60E-09
364	SG_364	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.700	1.82E-08	3.67E-08	1.42E-07	4.71E-09	9.82E-12	1.62E-06	5.82E-09	1.82E-09	3.55E-17	9.43E-10	2.49E-12	1.73E-12	2.76E-11	1.72E-11	1.03E-10	1.63E-12	3.72E-11	5.08E-09	4.70E-10	6.05E-09
365	SG_365	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.700	1.69E-08	3.41E-08	1.36E-07	3.63E-09	9.15E-12	1.41E-06	5.42E-09	1.69E-09	3.31E-17	8.79E-10	2.32E-12	1.62E-12	2.57E-11	1.60E-11	9.60E-11	1.52E-12	3.47E-11	4.73E-09	4.38E-10	5.64E-09
366	SG_366	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.700	1.58E-08	3.16E-08	1.29E-07	2.74E-09	8.53E-12	1.20E-06	5.05E-09	1.58E-09	3.09E-17	8.19E-10	2.16E-12	1.51E-12	2.40E-11	1.49E-11	8.95E-11	1.42E-12	3.23E-11	4.41E-09	4.08E-10	5.26E-09
367	SG_367	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.700	1.51E-08	3.03E-08	1.24E-07	2.20E-09	8.19E-12	1.04E-06	4.85E-09	1.51E-09	2.96E-17	7.86E-10	2.08E-12	1.45E-12	2.30E-11	1.43E-11	8.59E-11	1.36E-12	3.10E-11	4.23E-09	3.92E-10	5.04E-09
368	SG_368	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.700	1.45E-08	2.91E-08	1.20E-07	1.88E-09	7.86E-12	9.17E-07	4.66E-09	1.45E-09	2.84E-17	7.55E-10	1.99E-12	1.39E-12	2.21E-11	1.37E-11	8.24E-11	1.30E-12	2.98E-11	4.06E-09	3.76E-10	4.84E-09
369	SG_369	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.700	1.36E-08	2.72E-08	1.13E-07	1.66E-09	7.35E-12	8.10E-07	4.35E-09	1.36E-09	2.66E-17	7.05E-10	1.86E-12	1.30E-12	2.07E-11	1.28E-11	7.70E-11	1.22E-12	2.78E-11	3.80E-09	3.52E-10	4.53E-09
370	SG_370	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.700	1.23E-08	2.48E-08	1.02E-07	1.49E-09	6.68E-12	7.22E-07	3.96E-09	1.23E-09	2.42E-17	6.41E-10	1.69E-12	1.18E-12	1.88E-11	1.17E-11	7.00E-11	1.11E-12	2.53E-11	3.45E-09	3.20E-10	4.12E-09
371	SG_371	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.700	1.09E-08	2.18E-08	8.98E-08	1.32E-09	5.89E-12	6.36E-07	3.49E-09	1.09E-09	2.13E-17	5.65E-10	1.49E-12	1.04E-12	1.66E-11	1.03E-11	6.17E-11	9.77E-13	2.23E-11	3.04E-09	2.82E-10	3.63E-09
372	SG_372	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.700	9.76E-09	1.96E-08	8.07E-08	1.19E-09	5.29E-12	5.75E-07	3.13E-09	9.78E-10	1.91E-17	5.08E-10	1.34E-12	9.36E-13	1.49E-11	9.25E-12	5.55E-11	8.77E-13	2.00E-11	2.73E-09	2.53E-10	3.26E-09
373	SG_373	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.900	2.71E-09	4.77E-09	1.88E-08	3.28E-10	1.37E-12	2.28E-07	8.09E-10	2.52E-10	4.94E-18	1.31E-10	3.49E-13	2.46E-13	3.84E-12	2.39E-12	1.43E-11	2.27E-13	5.17E-12	7.06E-10	6.53E-11	8.41E-10
374	SG_374	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.900	3.00E-09	5.00E-09	1.93E-08	3.85E-10	1.46E-12	2.52E-07	8.62E-10	2.69E-10	5.26E-18	1.40E-10	3.72E-13	2.63E-13	4.09E-12	2.55E-12	1.53E-11	2.42E-13	5.51E-12	7.52E-10	6.96E-11	8.97E-10
375	SG_375	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.900	3.47E-09	5.22E-09	1.99E-08	4.41E-10	1.58E-12	2.87E-07	9.31E-10	2.91E-10	5.68E-18	1.51E-10	4.02E-13	2.84E-13	4.42E-12	2.76E-12	1.65E-11	2.61E-13	5.95E-12	8.13E-10	7.52E-11	9.68E-10
376	SG_376	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.900	4.17E-09	5.21E-09	1.97E-08	4.66E-10	1.69E-12	3.24E-07	1.00E-09	3.12E-10	6.10E-18	1.62E-10	4.31E-13	3.05E-13	4.75E-12	2.96E-12	1.77E-11	2.80E-13	6.39E-12	8.72E-10	8.07E-11	1.04E-09
384	SG_384	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6366.900	1.14E-08	2.20E-08	8.63E-08	1.26E-09	6.13E-12	1.18E-06	3.61E-09	1.13E-09	2.21E-17	5.86E-10	1.57E-12	1.12E-12	1.72E-11	1.07E-11	6.40E-11	1.01E-12	2.31E-11	3.15E-09	2.92E-10	3.76E-09
385	SG_385	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6366.900	1.08E-08	2.07E-08	8.08E-08	1.15E-09	5.81E-12	1.15E-06	3.43E-09	1.07E-09	2.09E-17	5.56E-10	1.48E-12	1.06E-12	1.63E-11	1.02E-11	6.06E-11	9.61E-13	2.19E-11	2.99E-09	2.77E-10	3.56E-09
386	SG_386	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6366.900	9.63E-09	1.83E-08	7.05E-08	9.73E-10	5.18E-12	1.01E-06	3.06E-09	9.54E-10	1.87E-17	4.96E-10	1.32E-12	9.38E-13	1.45E-11	9.06E-12	5.41E-11	8.58E-13	1.95E-11	2.67E-09	2.47E-10	3.18E-09
387	SG_387	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6366.900	9.20E-09	1.75E-08	6.67E-08	8.95E-10	4.94E-12	9.44E-07	2.92E-09	9.12E-10	1.78E-17	4.74E-10	1.26E-12	8.85E-13	1.39E-11	8.64E-12	5.17E-11	8.19E-13	1.87E-11	2.55E-09	2.36E-10	3.04E-09
388	SG_388	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6366.900	1.27E-08	2.46E-08	9.58E-08	1.22E-09	6.84E-12	1.32E-06	4.05E-09	1.26E-09	2.47E-17	6.56E-10	1.73E-12	1.21E-12	1.92E-11	1.20E-11	7.17E-11	1.13E-12	2.59E-11	3.53E-09	3.27E-10	4.21E-09
389	SG_389	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.900	1.82E-08	3.57E-08	1.42E-07	1.92E-09	9.81E-12	1.84E-06	5.81E-09	1.81E-09	3.55E-17	9.42E-10	2.49E-12	1.73E-12	2.76E-11	1.72E-11	1.03E-10	1.63E-12	3.72E-11	5.08E-09	4.70E-10	6.05E-09
390	SG_390	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.900	2.68E-08	5.35E-08	2.10E-07	4.20E-09	1.45E-11	2.63E-06	8.57E-09	2.68E-09	5.23E-17	1.39E-09	3.66E-12	2.55E-12	4.07E-11	2.53E-11	1.52E-10	2.40E-12	5.48E-11	7.48E-09	6.93E-10	8.92E-09
391	SG_391	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.900	3.35E-08	6.81E-08	2.62E-07	8.14E-09	1.81E-11	3.42E-06	1.07E-08	3.35E-09	6.56E-17	1.74E-09	4.60E-12	3.20E-12	5.10E-11	3.17E-11	1.90E-10	3.01E-12	6.87E-11	9.38E-09	8.68E-10	1.12E-08
393	SG_393	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.900	2.72E-08	5.54E-08	2.07E-07	9.54E-09	1.47E-11	2.83E-06	8.72E-09	2.72E-09	5.32E-17	1.41E-09	3.73E-12	2.59E-12	4.14E-11	2.57E-11	1.54E-10	2.44E-12	5.58E-11	7.61E-09	7.04E-10	9.07E-09
394	SG_394	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.900	2.31E-08	4.69E-08	1.74E-07	7.96E-09	1.25E-11	2.28E-06	7.40E-09	2.31E-09	4.52E-17	1.20E-09	3.16E-12	2.20E-12	3.51E-11	2.18E-11	1.31E-10	2.07E-12	4.73E-11	6.46E-09	5.98E-10	7.70E-09
395	SG_395	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.900	2.10E-08	4.26E-08	1.63E-07	6.08E-09	1.14E-11	1.87E-06	6.75E-09	2.11E-09	4.12E-17	1.09E-09	2.89E-12	2.01E-12	3.20E-11	1.99E-11	1.19E-10	1.89E-12	4.31E-11	5.89E-09	5.45E-10	7.02E-09
396	SG_396	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.900	1.96E-08	3.95E-08	1.57E-07	4.41E-09	1.06E-11	1.55E-06	6.28E-09	1.96E-09	3.84E-17	1.02E-09	2.69E-12	1.87E-12	2.98E-11	1.85E-11	1.11E-10	1.76E-12	4.02E-11	5.48E-09	5.07E-10	6.53E-09
399	SG_399	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.900	1.55E-08	3.12E-08	1.31E-07	1.89E-09	8.41E-12	8.96E-07	4.98E-09	1.56E-09	3.04E-17	8.07E-10	2.13E-12	1.49E-12	2.37E-11	1.47E-11	8.82E-11	1.40E-12	3.19E-11	4.35E-09	4.02E-10	5.18E-09
400	SG_400	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.900	1.42E-08	2.84E-08	1.20E-07	1.60E-09	7.67E-12	7.59E-07	4.54E-09	1.42E-09	2.77E-17	7.36E-10	1.95E-12	1.36E-12	2.16E-11	1.34E-11	8.04E-11	1.27E-12	2.90E-11	3.96E-09	3.67E-10	4.72E-09
401	SG_401	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.900	1.26E-08	2.54E-08	1.07E-07	1.41E-09	6.85E-12	6.72E-07	4.06E-09	1.27E-09	2.48E-17	6.58E-10	1.74E-12	1.21E-12	1.93E-11	1.20E-11	7.18E-11	1.14E-12	2.60E-11	3.54E-09	3.28E-10	4.22E-09
402	SG_402	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.900	1.09E-08	2.18E-08	9.13E-08	1.22E-09	5.89E-12	5.91E-07	3.49E-09	1.09E-09	2.13E-17	5.65E-10	1.49E-12	1.04E-12	1.65E-11	1.03E-11	6.17E-11	9.76E-13	2.23E-11	3.04E-09	2.82E-10	3.63E-09
403	SG_403	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.900	9.32E-09	1.87E-08	7.76E-08	1.07E-09	5.05E-12	5.22E-07	2.99E-09	9.33E-10	1.83E-17	4.85E-10	1.28E-12	8.95E-13	1.42E-11	8.83E-12	5.29E-11	8.37E-13	1.91E-11	2.61E-09	2.42E-10	3.11E-09
404	SG_404	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6367.100	2.87E-09	4.80E-09	1.87E-08	3.32E-10	1.41E-12	2.32E-07	8.31E-10	2.59E-10	5.07E-18	1.35E-10	3.58E-13	2.52E-13	3.95E-12	2.46E-12	1.47E-11	2.33E-13	5.31E-12	7.25E-10	6.71E-11	8.64E-10
405	SG_405	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6367.100	3.26E-09	5.12E-09	1.96E-08	3.92E-10	1.53E-12	2.71E-07	9.04E-10	2.82E-10	5.52E-18	1.47E-10	3.90E-13	2.75E-13	4.29E-12	2.68E-12	1.60E-11	2.54E-13	5.78E-12	7.89E-10	7.30E-11	9.41E-10
406	SG_406	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.100	3.74E-09	5.31E-09	2.01E-08	4.33E-10	1.65E-12	3.05E-07	9.73E-10	3.04E-10	5.94E-18	1.58E-10	4.19E-13	2.96E-13	4.62E-12	2.88E-12	1.72E-11	2.73E-13	6.22E-12	8.50E-10	7.86E-11	1.01E-09
407	SG_407	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6367.100	4.32E-09	5.40E-09	2.04E-08	4.51E-10	1.76E-12	3.35E-07	1.04E-09	3.25E-10	6.36E-18	1.69E-10	4.49E-13	3.17E-13	4.95E-12	3.08E-12	1.85E-11	2.92E-13	6.66E-12	9.10E-10	8.42E-11	1.08E-09
410	SG_410	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6367.100	6.02E-09	8.55E-09	3.16E-08	7.35E-10	2.66E-12	5.20E-07	1.57E-09	4.90E-10	9.59E-18	2.55E-10	6.77E-13	4.79E-13	7.46E-12	4.65E-12	2.78E-11	4.41E-13	1.00E-11	1.37E-09	1.27E-10	1.63E-09
411	SG_411	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6367.100	6.76E-09	1.13E-08	4.23E-08	8.97E-10	3.32E-12	6.32E-07	1.96E-09	6.11E-10	1.20E-17	3.18E-10	8.45E-13	5.98E-13	9.30E-12	5.80E-12	3.47E-11	5.49E-13	1.25E-11	1.71E-09	1.58E-10	2.04E-09
415	SG_415	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.100	1.67E-08	3.28E-08	1.24E-07	2.53E-09	9.05E-12	1.81E-06	5.34E-09	1.66E-09	3.26E-17	8.66E-10	2.31E-12	1.65E-12	2.53E-11	1.58E-11	9.44E-11	1.50E-12	3.41E-11	4.66E-09	4.31E-10	5.55E-09
416	SG_416	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.100	2.00E-08	3.95E-08	1.49E-07	2.92E-09	1.09E-11	2.35E-06	6.40E-09	2.00E-09	3.91E-17	1.04E-09	2.77E-12	1.98E-12	3.04E-11	1.90E-11	1.13E-10	1.80E-12	4.09E-11	5.59E-09	5.17E-10	6.66E-09
417	SG_417	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.100	1.78E-08	3.48E-08	1.29E-07	2.44E-09	9.67E-12	2.11E-06	5.70E-09	1.78E-09	3.48E-17	9.25E-10	2.47E-12	1.76E-12	2.71E-11	1.69E-11	1.01E-10	1.60E-12	3.64E-11	4.98E-09	4.60E-10	5.93E-09
418	SG_418	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6367.100	1.52E-08	2.95E-08	1.06E-07	1.96E-09	8.25E-12	1.69E-06	4.88E-09	1.52E-09	2.98E-17	7.90E-10	2.10E-12	1.48E-12	2.31E-11	1.44E-11	8.63E-11	1.37E-12	3.12E-11	4.26E-09	3.94E-10	5.07E-09
419	SG_419	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6367.100	2.32E-08	4.55E-08	1.71E-07	2.62E-09	1.26E-11	2.55E-06	7.45E-09	2.33E-09	4.55E-17	1.21E-09	3.19E-12	2.22E-12	3.54E-11	2.20E-11	1.32E-10	2.09E-12	4.77E-11	6.50E-09	6.02E-10	7.75E-09
420	SG_420	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6367.100	4.15E-08	8.25E-08	3.17E-07	6.31E-09	2.25E-11	4.32E-06	1.33E-08	4.16E-09	8.14E-17	2.16E-09	5.70E-12	3.96E-12	6.33E-11	3.93E-11	2.36E-10	3.73E-12	8.53E-11	1.16E-08	1.08E-09	1.39E-08
424	SG_424	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6367.100	2.98E-08	6.08E-08	2.22E-07	1.15E-08	1.61E-11	3.28E-06	9.56E-09	2.98E-09	5.84E-17	1.55E-09	4.09E-12	2.84E-12	4.54E-11	2.82E-11	1.69E-10	2.68E-12	6.11E-11	8.34E-09	7.72E-10	9.94E-09
425	SG_425	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.100	2.54E-08	5.16E-08	1.94E-07	8.55E-09	1.38E-11	2.45E-06	8.17E-09	2.55E-09	4.99E-17	1.32E-09	3.49E-12	2.43E-12	3.88E-11	2.41E-11	1.45E-10	2.29E-12	5.22E-11	7.13E-09	6.60E-10	8.50E-09
426	SG_426	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.100	2.43E-08	4.92E-08	1.94E-07	6.21E-09	1.32E-11	1.90E-06	7.81E-09	2.44E-09	4.77E-17	1.27E-09	3.34E-12	2.33E-12	3.71E-11	2.31E-11	1.38E-10	2.19E-12	5.00E-11	6.82E-09	6.31E-10	8.13E-09
427	SG_427	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.100	2.33E-08	4.71E-08	1.94E-07	4.44E-09	1.26E-11	1.52E-06	7.48E-09	2.33E-09	4.57E-17	1.21E-09	3.20E-12	2.24E-12	3.55E-11	2.21E-11	1.32E-10	2.10E-12	4.78E-11	6.53E-09	6.04E-10	7.78E-09
428	SG_428	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.100	2.07E-08	4.16E-08	1.76E-07	3.11E-09	1.12E-11	1.21E-06	6.63E-09	2.07E-09	4.05E-17	1.07E-09	2.84E-12	1.98E-12	3.15E-11	1.96E-11	1.17E-10	1.86E-12	4.24E-11	5.79E-09	5.36E-10	6.90E-09
429	SG_429	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.100	1.79E-08	3.59E-08	1.53E-07	2.23E-09	9.70E-12	9.59E-07	5.74E-09	1.79E-09	3.50E-17	9.30E-10	2.46E-12	1.72E-12	2.73E-11	1.70E-11	1.02E-10	1.61E-12	3.67E-11	5.01E-09	4.64E-10	5.97E-09
430	SG_430	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.100	1.64E-08	3.29E-08	1.42E-07	1.76E-09	8.90E-12	7.95E-07	5.27E-09	1.64E-09	3.22E-17	8.54E-10	2.26E-12	1.58E-12	2.50E-11	1.56E-11	9.33E-11	1.48E-12	3.37E-11	4.60E-09	4.26E-10	5.48E-09
431	SG_431	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.100	1.49E-08	3.00E-08	1.31E-07	1.49E-09	8.10E-12	6.75E-07	4.80E-09	1.50E-09	2.93E-17	7.77E-10	2.06E-12	1.44E-12	2.28E-11	1.42E-11	8.49E-11	1.34E-12	3.07E-11	4.19E-09	3.87E-10	4.99E-09
432	SG_432	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.100	1.31E-08	2.63E-08	1.14E-07	1.29E-09	7.11E-12	5.94E-07	4.21E-09	1.31E-09	2.57E-17	6.82E-10	1.80E-12	1.26E-12	2.00E-11	1.24E-11	7.45E-11	1.18E-12	2.69E-11	3.67E-09	3.40E-10	4.38E-09
433	SG_433	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6367.100	1.10E-08	2.20E-08	9.47E-08	1.10E-09	5.96E-12	5.22E-07	3.53E-09	1.10E-09	2.15E-17	5.71E-10	1.51E-12	1.06E-12	1.67E-11	1.04E-11	6.24E-11	9.88E-13	2.25E-11	3.08E-09	2.85E-10	3.67E-09
434	SG_434	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.100	9.01E-09	1.80E-08	7.64E-08	9.37E-10	4.89E-12	4.53E-07	2.89E-09	9.03E-10	1.77E-17	4.69E-10	1.24E-12	8.68E-13	1.37E-11	8.54E-12	5.12E-11	8.10E-13	1.85E-11	2.52E-09	2.34E-10	3.01E-09
435	SG_435	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6367.300	3.11E-09	4.92E-09	1.91E-08	3.34E-10	1.47E-12	2.47E-07	8.71E-10	2.72E-10	5.32E-18	1.41E-10	3.75E-13	2.64E-13	4.14E-12	2.58E-12	1.54E-11	2.44E-13	5.57E-12	7.60E-10	7.03E-11	9.06E-10
436	SG_436	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6367.300	3.47E-09	5.13E-09	1.96E-08	3.74E-10	1.58E-12	2.72E-07	9.33E-10	2.91E-10	5.69E-18	1.51E-10	4.01E-13	2.83E-13	4.43E-12	2.76E-12	1.65E-11	2.61E-13	5.96E-12	8.14E-10	7.53E-11	9.70E-10
437	SG_437	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.300	3.88E-09	5.40E-09	2.05E-08	4.02E-10	1.70E-12	2.98E-07	1.01E-09	3.14E-10	6.15E-18	1.63E-10	4.33E-13	3.06E-13	4.78E-12	2.98E-12	1.78E-11	2.82E-13	6.43E-12	8.79E-10	8.13E-11	1.05E-09
441	SG_441	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6367.300	5.88E-09	9.92E-09	3.62E-08	8.39E-10	2.91E-12	5.41E-07	1.72E-09	5.37E-10	1.05E-17	2.79E-10	7.41E-13	5.23E-13	8.17E-12	5.09E-12	3.05E-11	4.82E-13	1.10E-11	1.50E-09	1.39E-10	1.79E-09
446	SG_446	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.300	1.81E-08	3.54E-08	1.25E-07	3.97E-09	9.83E-12	2.14E-06	5.80E-09	1.81E-09	3.54E-17	9.41E-10	2.51E-12	1.78E-12	2.76E-11	1.72E-11	1.03E-10	1.63E-12	3.71E-11	5.06E-09	4.68E-10	6.03E-09
447	SG_447	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.300	2.91E-08	5.75E-08	2.03E-07	5.99E-09	1.58E-11	3.48E-06	9.34E-09	2.92E-09	5.70E-17	1.52E-09	4.04E-12	2.88E-12	4.44E-11	2.77E-11	1.65E-10	2.62E-12	5.97E-11	8.15E-09	7.54E-10	9.72E-09
448	SG_448	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.300	4.23E-08	8.39E-08	2.97E-07	8.45E-09	2.30E-11	5.37E-06	1.36E-08	4.23E-09	8.28E-17	2.20E-09	5.87E-12	4.19E-12	6.44E-11	4.02E-11	2.40E-10	3.81E-12	8.66E-11	1.18E-08	1.10E-09	1.41E-08
450	SG_450	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6367.300	6.34E-08	1.25E-07	4.46E-07	1.37E-08	3.43E-11	7.84E-06	2.03E-08	6.35E-09	1.24E-16	3.30E-09	8.69E-12	6.04E-12	9.66E-11	6.00E-11	3.60E-10	5.70E-12	1.30E-10	1.78E-08	1.64E-09	2.12E-08
456	SG_456	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.300	2.63E-08	5.32E-08	2.10E-07	6.72E-09	1.43E-11	2.11E-06	8.45E-09	2.64E-09	5.16E-17	1.37E-09	3.62E-12	2.52E-12	4.01E-11	2.50E-11	1.50E-10	2.37E-12	5.41E-11	7.38E-09	6.83E-10	8.79E-09
457	SG_457	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.300	2.68E-08	5.40E-08	2.26E-07	4.89E-09	1.45E-11	1.60E-06	8.59E-09	2.68E-09	5.25E-17	1.39E-09	3.68E-12	2.57E-12	4.08E-11	2.54E-11	1.52E-10	2.41E-12	5.49E-11	7.50E-09	6.94E-10	8.94E-09
458	SG_458	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.300	2.60E-08	5.23E-08	2.27E-07	3.62E-09	1.41E-11	1.28E-06	8.33E-09	2.60E-09	5.09E-17	1.35E-09	3.57E-12	2.50E-12	3.96E-11	2.46E-11	1.48E-10	2.33E-12	5.33E-11	7.27E-09	6.73E-10	8.67E-09
459	SG_459	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.300	2.34E-08	4.71E-08	2.07E-07	2.69E-09	1.27E-11	1.05E-06	7.51E-09	2.34E-09	4.58E-17	1.22E-09	3.22E-12	2.25E-12	3.56E-11	2.22E-11	1.33E-10	2.10E-12	4.80E-11	6.55E-09	6.06E-10	7.81E-09
460	SG_460	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.300	2.06E-08	4.15E-08	1.84E-07	2.06E-09	1.12E-11	8.86E-07	6.62E-09	2.07E-09	4.04E-17	1.07E-09	2.84E-12	1.99E-12	3.14E-11	1.96E-11	1.17E-10	1.85E-12	4.23E-11	5.78E-09	5.35E-10	6.88E-09
461	SG_461	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.300	1.77E-08	3.55E-08	1.58E-07	1.61E-09	9.59E-12	7.04E-07	5.67E-09	1.77E-09	3.46E-17	9.20E-10	2.43E-12	1.70E-12	2.69E-11	1.68E-11	1.00E-10	1.59E-12	3.63E-11	4.95E-09	4.58E-10	5.90E-09
462	SG_462	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.300	1.59E-08	3.20E-08	1.43E-07	1.37E-09	8.63E-12	6.03E-07	5.11E-09	1.59E-09	3.12E-17	8.28E-10	2.19E-12	1.54E-12	2.42E-11	1.51E-11	9.04E-11	1.43E-12	3.26E-11	4.46E-09	4.12E-10	5.31E-09
463	SG_463	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.300	1.37E-08	2.76E-08	1.23E-07	1.17E-09	7.44E-12	5.22E-07	4.40E-09	1.37E-09	2.69E-17	7.14E-10	1.89E-12	1.32E-12	2.09E-11	1.30E-11	7.80E-11	1.23E-12	2.82E-11	3.84E-09	3.56E-10	4.58E-09
464	SG_464	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6367.300	1.11E-08	2.23E-08	9.82E-08	9.77E-10	6.04E-12	4.43E-07	3.57E-09	1.12E-09	2.18E-17	5.79E-10	1.53E-12	1.07E-12	1.70E-11	1.06E-11	6.32E-11	1.00E-12	2.28E-11	3.12E-09	2.89E-10	3.72E-09
465	SG_465	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.300	8.98E-09	1.79E-08	7.78E-08	8.20E-10	4.87E-12	3.83E-07	2.88E-09	9.00E-10	1.76E-17	4.67E-10	1.24E-12	8.67E-13	1.37E-11	8.52E-12	5.10E-11	8.08E-13	1.84E-11	2.52E-09	2.33E-10	3.00E-09
466	SG_466	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6367.500	3.20E-09	4.81E-09	1.87E-08	3.11E-10	1.48E-12	2.41E-07	8.74E-10	2.73E-10	5.34E-18	1.42E-10	3.76E-13	2.65E-13	4.15E-12	2.58E-12	1.55E-11	2.45E-13	5.58E-12	7.63E-10	7.06E-11	9.09E-10
475	SG_475	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6367.500	1.02E-08	1.96E-08	6.94E-08	2.15E-09	5.51E-12	1.17E-06	3.26E-09	1.02E-09	1.99E-17	5.28E-10	1.40E-12	9.88E-13	1.55E-11	9.63E-12	5.76E-11	9.13E-13	2.08E-11	2.84E-09	2.63E-10	3.39E-09
476	SG_476	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6367.500	1.35E-08	2.62E-08	9.13E-08	3.30E-09	7.30E-12	1.70E-06	4.31E-09	1.35E-09	2.63E-17	6.99E-10	1.86E-12	1.31E-12	2.05E-11	1.28E-11	7.64E-11	1.21E-12	2.76E-11	3.76E-09	3.48E-10	4.49E-09
477	SG_477	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.500	1.92E-08	3.74E-08	1.29E-07	4.95E-09	1.04E-11	2.47E-06	6.17E-09	1.93E-09	3.77E-17	1.00E-09	2.66E-12	1.88E-12	2.93E-11	1.83E-11	1.09E-10	1.73E-12	3.95E-11	5.39E-09	4.99E-10	6.42E-09
478	SG_478	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.500	3.29E-08	6.35E-08	2.17E-07	8.22E-09	1.79E-11	4.18E-06	1.06E-08	3.29E-09	6.44E-17	1.71E-09	4.55E-12	3.21E-12	5.01E-11	3.12E-11	1.87E-10	2.96E-12	6.74E-11	9.21E-09	8.52E-10	1.10E-08
479	SG_479	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.500	6.84E-08	1.33E-07	4.49E-07	2.04E-08	3.72E-11	9.69E-06	2.20E-08	6.85E-09	1.34E-16	3.56E-09	9.47E-12	6.70E-12	1.04E-10	6.50E-11	3.89E-10	6.16E-12	1.40E-10	1.92E-08	1.77E-09	2.28E-08
487	SG_487	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.500	2.66E-08	5.35E-08	2.25E-07	4.21E-09	1.44E-11	1.57E-06	8.55E-09	2.67E-09	5.22E-17	1.39E-09	3.66E-12	2.56E-12	4.06E-11	2.53E-11	1.51E-10	2.40E-12	5.47E-11	7.47E-09	6.91E-10	8.90E-09
488	SG_488	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.500	2.71E-08	5.44E-08	2.38E-07	3.24E-09	1.47E-11	1.20E-06	8.70E-09	2.72E-09	5.31E-17	1.41E-09	3.73E-12	2.61E-12	4.13E-11	2.57E-11	1.54E-10	2.44E-12	5.56E-11	7.60E-09	7.03E-10	9.05E-09
489	SG_489	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.500	2.59E-08	5.19E-08	2.31E-07	2.59E-09	1.40E-11	9.96E-07	8.31E-09	2.59E-09	5.07E-17	1.35E-09	3.56E-12	2.49E-12	3.94E-11	2.45E-11	1.47E-10	2.33E-12	5.31E-11	7.25E-09	6.71E-10	8.64E-09
490	SG_490	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.500	2.47E-08	4.97E-08	2.25E-07	2.17E-09	1.34E-11	9.07E-07	7.93E-09	2.48E-09	4.84E-17	1.29E-09	3.40E-12	2.38E-12	3.77E-11	2.34E-11	1.40E-10	2.22E-12	5.07E-11	6.92E-09	6.41E-10	8.25E-09
491	SG_491	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.500	2.11E-08	4.25E-08	1.92E-07	1.74E-09	1.15E-11	7.48E-07	6.79E-09	2.12E-09	4.14E-17	1.10E-09	2.91E-12	2.04E-12	3.22E-11	2.00E-11	1.20E-10	1.90E-12	4.34E-11	5.92E-09	5.48E-10	7.06E-09
492	SG_492	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.500	1.74E-08	3.49E-08	1.57E-07	1.38E-09	9.45E-12	5.84E-07	5.59E-09	1.75E-09	3.42E-17	9.07E-10	2.40E-12	1.68E-12	2.66E-11	1.65E-11	9.90E-11	1.57E-12	3.58E-11	4.88E-09	4.52E-10	5.82E-09

AQIA DATA - SCENARIO 1 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
493	SG_493	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.500	1.56E-08	3.12E-08	1.41E-07	1.20E-09	8.44E-12	5.06E-07	4.99E-09	1.56E-09	3.05E-17	8.09E-10	2.14E-12	1.50E-12	2.37E-11	1.48E-11	8.84E-11	1.40E-12	3.19E-11	4.36E-09	4.03E-10	5.19E-09
494	SG_494	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.500	1.35E-08	2.71E-08	1.22E-07	1.04E-09	7.32E-12	4.39E-07	4.33E-09	1.35E-09	2.65E-17	7.02E-10	1.86E-12	1.30E-12	2.06E-11	1.28E-11	7.67E-11	1.21E-12	2.77E-11	3.78E-09	3.50E-10	4.51E-09
495	SG_495	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6367.500	1.12E-08	2.24E-08	1.01E-07	8.77E-10	6.08E-12	3.75E-07	3.60E-09	1.12E-09	2.20E-17	5.84E-10	1.55E-12	1.08E-12	1.71E-11	1.06E-11	6.37E-11	1.01E-12	2.30E-11	3.14E-09	2.91E-10	3.74E-09
496	SG_496	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.500	9.31E-09	1.86E-08	8.27E-08	7.50E-10	5.05E-12	3.30E-07	2.99E-09	9.33E-10	1.82E-17	4.84E-10	1.28E-12	9.00E-13	1.42E-11	8.83E-12	5.29E-11	8.37E-13	1.91E-11	2.61E-09	2.41E-10	3.11E-09
499	SG_499	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.700	3.99E-09	6.14E-09	2.36E-08	3.59E-10	1.89E-12	2.95E-07	1.12E-09	3.49E-10	6.83E-18	1.81E-10	4.82E-13	3.39E-13	5.31E-12	3.31E-12	1.98E-11	3.14E-13	7.15E-12	9.77E-10	9.04E-11	1.16E-09
504	SG_504	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6367.700	7.15E-09	1.34E-08	4.82E-08	1.14E-09	3.84E-12	6.96E-07	2.27E-09	7.08E-10	1.38E-17	3.68E-10	9.76E-13	6.87E-13	1.08E-11	6.71E-12	4.02E-11	6.36E-13	1.45E-11	1.98E-09	1.83E-10	2.36E-09
505	SG_505	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6367.700	8.39E-09	1.60E-08	5.67E-08	1.58E-09	4.53E-12	8.98E-07	2.68E-09	8.36E-10	1.64E-17	4.34E-10	1.15E-12	8.11E-13	1.27E-11	7.92E-12	4.74E-11	7.51E-13	1.71E-11	2.34E-09	2.16E-10	2.79E-09
506	SG_506	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6367.700	1.03E-08	1.97E-08	6.92E-08	2.24E-09	5.56E-12	1.19E-06	3.28E-09	1.02E-09	2.01E-17	5.33E-10	1.41E-12	9.95E-13	1.56E-11	9.71E-12	5.81E-11	9.21E-13	2.10E-11	2.87E-09	2.65E-10	3.42E-09
507	SG_507	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6367.700	1.34E-08	2.59E-08	8.98E-08	3.25E-09	7.26E-12	1.65E-06	4.29E-09	1.34E-09	2.62E-17	6.96E-10	1.85E-12	1.30E-12	2.04E-11	1.27E-11	7.60E-11	1.20E-12	2.74E-11	3.75E-09	3.47E-10	4.46E-09
508	SG_508	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.700	1.94E-08	3.73E-08	1.28E-07	4.70E-09	1.05E-11	2.38E-06	6.21E-09	1.94E-09	3.79E-17	1.01E-09	2.67E-12	1.89E-12	2.95E-11	1.84E-11	1.10E-10	1.74E-12	3.97E-11	5.42E-09	5.02E-10	6.46E-09
509	SG_509	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.700	3.34E-08	6.40E-08	2.19E-07	7.40E-09	1.82E-11	4.09E-06	1.07E-08	3.35E-09	6.55E-17	1.74E-09	4.62E-12	3.26E-12	5.10E-11	3.18E-11	1.90E-10	3.01E-12	6.86E-11	9.37E-09	8.67E-10	1.12E-08
510	SG_510	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.700	6.50E-08	1.25E-07	4.29E-07	1.62E-08	3.53E-11	9.02E-06	2.09E-08	6.51E-09	1.27E-16	3.38E-09	9.00E-12	6.36E-12	9.91E-11	6.18E-11	3.69E-10	5.85E-12	1.33E-10	1.82E-08	1.69E-09	2.17E-08
511	SG_511	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6367.700	1.37E-07	2.69E-07	9.15E-07	5.30E-08	7.46E-11	2.29E-05	4.40E-08	1.37E-08	2.69E-16	7.14E-09	1.90E-11	1.35E-11	2.09E-10	1.30E-10	7.79E-10	1.24E-11	2.81E-10	3.84E-08	3.56E-09	4.58E-08
518	SG_518	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.700	2.54E-08	5.06E-08	2.19E-07	2.59E-09	1.38E-11	1.14E-06	8.16E-09	2.55E-09	4.98E-17	1.32E-09	3.49E-12	2.44E-12	3.87E-11	2.41E-11	1.44E-10	2.28E-12	5.22E-11	7.12E-09	6.59E-10	8.49E-09
519	SG_519	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.700	2.53E-08	5.04E-08	2.24E-07	2.15E-09	1.37E-11	9.05E-07	8.12E-09	2.53E-09	4.96E-17	1.32E-09	3.48E-12	2.43E-12	3.86E-11	2.40E-11	1.44E-10	2.28E-12	5.19E-11	7.09E-09	6.56E-10	8.45E-09
520	SG_520	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.700	2.35E-08	4.69E-08	2.11E-07	1.84E-09	1.28E-11	7.68E-07	7.56E-09	2.36E-09	4.61E-17	1.23E-09	3.24E-12	2.27E-12	3.59E-11	2.23E-11	1.34E-10	2.12E-12	4.83E-11	6.60E-09	6.11E-10	7.86E-09
521	SG_521	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.700	2.18E-08	4.35E-08	1.97E-07	1.62E-09	1.18E-11	6.91E-07	6.99E-09	2.18E-09	4.27E-17	1.13E-09	3.00E-12	2.10E-12	3.32E-11	2.07E-11	1.24E-10	1.96E-12	4.47E-11	6.10E-09	5.65E-10	7.27E-09
522	SG_522	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.700	1.96E-08	3.93E-08	1.79E-07	1.41E-09	1.07E-11	6.12E-07	6.31E-09	1.97E-09	3.85E-17	1.02E-09	2.71E-12	1.89E-12	2.99E-11	1.86E-11	1.12E-10	1.77E-12	4.03E-11	5.50E-09	5.09E-10	6.56E-09
523	SG_523	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.700	1.73E-08	3.47E-08	1.59E-07	1.23E-09	9.40E-12	5.26E-07	5.56E-09	1.74E-09	3.40E-17	9.01E-10	2.39E-12	1.67E-12	2.64E-11	1.64E-11	9.84E-11	1.56E-12	3.56E-11	4.85E-09	4.49E-10	5.78E-09
524	SG_524	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.700	1.49E-08	2.97E-08	1.36E-07	1.05E-09	8.06E-12	4.38E-07	4.77E-09	1.49E-09	2.91E-17	7.74E-10	2.05E-12	1.43E-12	2.27E-11	1.41E-11	8.45E-11	1.34E-12	3.05E-11	4.17E-09	3.85E-10	4.96E-09
525	SG_525	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.700	1.33E-08	2.66E-08	1.22E-07	9.44E-10	7.22E-12	3.92E-07	4.27E-09	1.33E-09	2.61E-17	6.92E-10	1.83E-12	1.28E-12	2.03E-11	1.26E-11	7.56E-11	1.20E-12	2.73E-11	3.73E-09	3.45E-10	4.44E-09
527	SG_527	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.700	9.69E-09	1.94E-08	8.78E-08	7.13E-10	5.26E-12	2.97E-07	3.11E-09	9.71E-10	1.90E-17	5.04E-10	1.33E-12	9.36E-13	1.48E-11	9.19E-12	5.51E-11	8.71E-13	1.99E-11	2.71E-09	2.51E-10	3.23E-09
530	SG_530	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.900	4.15E-09	6.69E-09	2.58E-08	3.47E-10	2.04E-12	2.91E-07	1.21E-09	3.77E-10	7.37E-18	1.96E-10	5.20E-13	3.66E-13	5.73E-12	3.57E-12	2.14E-11	3.38E-13	7.72E-12	1.05E-09	9.75E-11	1.26E-09
531	SG_531	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6367.900	4.72E-09	7.99E-09	3.06E-08	4.07E-10	2.41E-12	3.29E-07	1.42E-09	4.44E-10	8.69E-18	2.31E-10	6.13E-13	4.31E-13	6.76E-12	4.21E-12	2.52E-11	3.99E-13	9.10E-12	1.24E-09	1.15E-10	1.48E-09
535	SG_535	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6367.900	7.84E-09	1.45E-08	5.22E-08	1.13E-09	4.22E-12	6.72E-07	2.50E-09	7.79E-10	1.52E-17	4.05E-10	1.07E-12	7.56E-13	1.19E-11	7.38E-12	4.42E-11	7.00E-13	1.60E-11	2.18E-09	2.02E-10	2.60E-09
536	SG_536	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6367.900	8.92E-09	1.67E-08	5.90E-08	1.54E-09	4.82E-12	8.49E-07	2.85E-09	8.90E-10	1.74E-17	4.62E-10	1.23E-12	8.64E-13	1.35E-11	8.43E-12	5.05E-11	7.99E-13	1.82E-11	2.49E-09	2.30E-10	2.97E-09
537	SG_537	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6367.900	1.07E-08	2.02E-08	7.03E-08	2.09E-09	5.78E-12	1.10E-06	3.42E-09	1.07E-09	2.09E-17	5.54E-10	1.47E-12	1.03E-12	1.62E-11	1.01E-11	6.05E-11	9.58E-13	2.18E-11	2.98E-09	2.76E-10	3.55E-09
538	SG_538	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6367.900	1.36E-08	2.57E-08	8.85E-08	2.84E-09	7.36E-12	1.44E-06	4.35E-09	1.36E-09	2.66E-17	7.06E-10	1.87E-12	1.32E-12	2.07E-11	1.29E-11	7.71E-11	1.22E-12	2.78E-11	3.80E-09	3.52E-10	4.53E-09
539	SG_539	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.900	1.95E-08	3.65E-08	1.25E-07	3.91E-09	1.06E-11	2.03E-06	6.25E-09	1.95E-09	3.81E-17	1.01E-09	2.69E-12	1.90E-12	2.97E-11	1.85E-11	1.11E-10	1.75E-12	3.99E-11	5.45E-09	5.05E-10	6.50E-09
540	SG_540	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.900	3.15E-08	5.86E-08	2.01E-07	5.38E-09	1.71E-11	3.18E-06	1.01E-08	3.16E-09	6.18E-17	1.64E-09	4.36E-12	3.08E-12	4.81E-11	2.99E-11	1.79E-10	2.84E-12	6.47E-11	8.83E-09	8.17E-10	1.05E-08
541	SG_541	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.900	5.22E-08	9.81E-08	3.44E-07	9.00E-09	2.84E-11	5.43E-06	1.68E-08	5.23E-09	1.02E-16	2.72E-09	7.23E-12	5.11E-12	7.97E-11	4.96E-11	2.97E-10	4.70E-12	1.07E-10	1.46E-08	1.35E-09	1.75E-08
542	SG_542	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6367.900	7.38E-08	1.42E-07	4.94E-07	2.27E-08	4.01E-11	9.24E-06	2.37E-08	7.39E-09	1.45E-16	3.84E-09	1.02E-11	7.18E-12	1.12E-10	7.01E-11	4.19E-10	6.64E-12	1.51E-10	2.07E-08	1.91E-09	2.46E-08
549	SG_549	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.900	2.47E-08	4.88E-08	2.14E-07	1.88E-09	1.34E-11	9.19E-07	7.93E-09	2.47E-09	4.84E-17	1.28E-09	3.40E-12	2.37E-12	3.76E-11	2.34E-11	1.40E-10	2.22E-12	5.07E-11	6.92E-09	6.40E-10	8.24E-09
550	SG_550	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.900	2.43E-08	4.84E-08	2.17E-07	1.69E-09	1.32E-11	7.91E-07	7.82E-09	2.44E-09	4.77E-17	1.27E-09	3.35E-12	2.34E-12	3.71E-11	2.31E-11	1.38E-10	2.19E-12	5.00E-11	6.82E-09	6.31E-10	8.13E-09
551	SG_551	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.900	2.21E-08	4.39E-08	1.98E-07	1.48E-09	1.20E-11	6.74E-07	7.09E-09	2.21E-09	4.33E-17	1.15E-09	3.04E-12	2.12E-12	3.37E-11	2.09E-11	1.26E-10	1.99E-12	4.53E-11	6.19E-09	5.73E-10	7.37E-09
552	SG_552	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.900	2.00E-08	3.98E-08	1.81E-07	1.33E-09	1.08E-11	5.96E-07	6.41E-09	2.00E-09	3.92E-17	1.04E-09	2.75E-12	1.92E-12	3.04E-11	1.89E-11	1.14E-10	1.80E-12	4.10E-11	5.60E-09	5.18E-10	6.67E-09
553	SG_553	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.900	1.76E-08	3.50E-08	1.59E-07	1.17E-09	9.53E-12	5.11E-07	5.64E-09	1.76E-09	3.44E-17	9.14E-10	2.42E-12	1.69E-12	2.68E-11	1.67E-11	9.99E-11	1.58E-12	3.61E-11	4.92E-09	4.56E-10	5.87E-09
554	SG_554	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.900	1.59E-08	3.17E-08	1.45E-07	1.06E-09	8.62E-12	4.56E-07	5.10E-09	1.59E-09	3.12E-17	8.27E-10	2.19E-12	1.53E-12	2.42E-11	1.51E-11	9.03E-11	1.43E-12	3.26E-11	4.45E-09	4.12E-10	5.31E-09
555	SG_555	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.900	1.44E-08	2.88E-08	1.32E-07	9.62E-10	7.80E-12	4.08E-07	4.62E-09	1.44E-09	2.82E-17	7.48E-10	1.98E-12	1.39E-12	2.19E-11	1.36E-11	8.17E-11	1.29E-12	2.95E-11	4.03E-09	3.73E-10	4.80E-09
556	SG_556	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.900	1.29E-08	2.57E-08	1.18E-07	8.67E-10	6.97E-12	3.61E-07	4.13E-09	1.29E-09	2.52E-17	6.69E-10	1.77E-12	1.24E-12	1.96E-11	1.22E-11	7.30E-11	1.16E-12	2.64E-11	3.60E-09	3.33E-10	4.29E-09
563	SG_563	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6368.100	6.40E-09	1.13E-08	4.42E-08	5.04E-10	3.38E-12	3.93E-07	2.00E-09	6.23E-10	1.22E-17	3.24E-10	8.59E-13	6.05E-13	9.48E-12	5.90E-12	3.53E-11	5.60E-13	1.28E-11	1.74E-09	1.61E-10	2.08E-09
566	SG_566	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6368.100	9.28E-09	1.69E-08	6.20E-08	1.08E-09	5.01E-12	6.39E-07	2.96E-09	9.24E-10	1.81E-17	4.80E-10	1.27E-12	8.97E-13	1.41E-11	8.76E-12	5.24E-11	8.30E-13	1.89E-11	2.59E-09	2.39E-10	3.08E-09
567	SG_567	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.100	1.02E-08	1.87E-08	6.61E-08	1.42E-09	5.52E-12	7.81E-07	3.26E-09	1.02E-09	1.99E-17	5.29E-10	1.40E-12	9.88E-13	1.55E-11	9.65E-12	5.78E-11	9.14E-13	2.09E-11	2.85E-09	2.63E-10	3.39E-09
568	SG_568	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.100	1.19E-08	2.19E-08	7.62E-08	1.85E-09	6.47E-12	9.79E-07	3.82E-09	1.19E-09	2.34E-17	6.20E-10	1.65E-12	1.16E-12	1.82E-11	1.13E-11	6.77E-11	1.07E-12	2.44E-11	3.34E-09	3.09E-10	3.98E-09
569	SG_569	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.100	1.53E-08	2.80E-08	9.68E-08	2.41E-09	8.32E-12	1.28E-06	4.92E-09	1.53E-09	3.00E-17	7.97E-10	2.12E-12	1.49E-12	2.33E-11	1.45E-11	8.70E-11	1.38E-12	3.14E-11	4.29E-09	3.97E-10	5.11E-09
570	SG_570	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.100	2.16E-08	3.89E-08	1.34E-07	3.00E-09	1.17E-11	1.59E-06	6.93E-09	2.16E-09	4.23E-17	1.12E-09	2.98E-12	2.11E-12	3.29E-11	2.05E-11	1.23E-10	1.94E-12	4.43E-11	6.05E-09	5.60E-10	7.21E-09
571	SG_571	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.100	3.78E-08	6.84E-08	2.46E-07	4.14E-09	2.06E-11	2.31E-06	1.21E-08	3.79E-09	7.41E-17	1.97E-09	5.23E-12	3.70E-12	5.77E-11	3.59E-11	2.15E-10	3.41E-12	7.76E-11	1.06E-08	9.81E-10	1.26E-08
572	SG_572	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.100	7.13E-08	1.32E-07	5.02E-07	7.31E-09	3.88E-11	3.99E-06	2.29E-08	7.15E-09	1.40E-16	3.71E-09	9.87E-12	6.97E-12	1.09E-10	6.78E-11	4.05E-10	6.42E-12	1.46E-10	2.00E-08	1.85E-09	2.38E-08
574	SG_574	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.100	5.50E-08	9.98E-08	3.58E-07	7.88E-09	2.99E-11	3.16E-06	1.77E-08	5.51E-09	1.08E-16	2.86E-09	7.59E-12	5.32E-12	8.39E-11	5.22E-11	3.13E-10	4.95E-12	1.13E-10	1.54E-08	1.43E-09	1.84E-08
576	SG_576	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.100	3.83E-08	7.28E-08	2.88E-07	3.45E-09	2.08E-11	1.89E-06	1.23E-08	3.84E-09	7.51E-17	1.99E-09	5.28E-12	3.70E-12	5.84E-11	3.63E-11	2.18E-10	3.45E-12	7.86E-11	1.07E-08	9.94E-10	1.28E-08
578	SG_578	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.100	2.54E-08	4.88E-08	2.04E-07	1.74E-09	1.38E-11	9.54E-07	8.16E-09	2.55E-09	4.98E-17	1.32E-09	3.50E-12	2.45E-12	3.87E-11	2.41E-11	1.44E-10	2.29E-12	5.22E-11	7.12E-09	6.59E-10	8.48E-09
579	SG_579	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.100	2.39E-08	4.64E-08	2.00E-07	1.57E-09	1.30E-11	8.33E-07	7.67E-09	2.39E-09	4.68E-17	1.24E-09	3.29E-12	2.30E-12	3.64E-11	2.27E-11	1.36E-10	2.15E-12	4.91E-11	6.70E-09	6.20E-10	7.98E-09
580	SG_580	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.100	2.33E-08	4.57E-08	2.01E-07	1.48E-09	1.26E-11	7.50E-07	7.48E-09	2.33E-09	4.57E-17	1.21E-09	3.21E-12	2.24E-12	3.55E-11	2.21E-11	1.32E-10	2.09E-12	4.78E-11	6.53E-09	6.04E-10	7.78E-09
581	SG_581	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.100	2.29E-08	4.54E-08	2.04E-07	1.43E-09	1.24E-11	7.09E-07	7.36E-09	2.30E-09	4.50E-17	1.19E-09	3.16E-12	2.21E-12	3.50E-11	2.17E-11	1.30E-10	2.06E-12	4.71E-11	6.43E-09	5.95E-10	7.66E-09
582	SG_582	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.100	1.99E-08	3.94E-08	1.77E-07	1.25E-09	1.08E-11	5.82E-07	6.39E-09	1.99E-09	3.90E-17	1.04E-09	2.74E-12	1.92E-12	3.03E-11	1.89E-11	1.13E-10	1.79E-12	4.08E-11	5.58E-09	5.16E-10	6.64E-09
583	SG_583	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.100	1.84E-08	3.65E-08	1.66E-07	1.16E-09	9.97E-12	5.32E-07	5.90E-09	1.84E-09	3.60E-17	9.57E-10	2.53E-12	1.77E-12	2.80E-11	1.74E-11	1.04E-10	1.65E-12	3.77E-11	5.15E-09	4.77E-10	6.14E-09
584	SG_584	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.100	1.72E-08	3.44E-08	1.57E-07	1.09E-09	9.33E-12	4.97E-07	5.52E-09	1.72E-09	3.37E-17	8.95E-10	2.37E-12	1.66E-12	2.62E-11	1.63E-11	9.78E-11	1.55E-12	3.53E-11	4.82E-09	4.46E-10	5.75E-09
585	SG_585	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.100	1.54E-08	3.07E-08	1.41E-07	9.83E-10	8.33E-12	4.35E-07	4.93E-09	1.54E-09	3.01E-17	7.99E-10	2.11E-12	1.48E-12	2.34E-11	1.46E-11	8.73E-11	1.38E-12	3.15E-11	4.30E-09	3.98E-10	5.13E-09
586	SG_586	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.100	1.40E-08	2.81E-08	1.30E-07	9.06E-10	7.62E-12	3.93E-07	4.51E-09	1.41E-09	2.75E-17	7.31E-10	1.93E-12	1.35E-12	2.14E-11	1.33E-11	7.98E-11	1.26E-12	2.88E-11	3.94E-09	3.64E-10	4.69E-09
587	SG_587	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.100	1.22E-08	2.45E-08	1.13E-07	8.01E-10	6.64E-12	3.33E-07	3.93E-09	1.23E-09	2.40E-17	6.37E-10	1.69E-12	1.18E-12	1.87E-11	1.16E-11	6.96E-11	1.10E-12	2.51E-11	3.43E-09	3.18E-10	4.09E-09
588	SG_588	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.100	1.08E-08	2.15E-08	9.88E-08	7.14E-10	5.83E-12	2.87E-07	3.45E-09	1.08E-09	2.11E-17	5.60E-10	1.48E-12	1.04E-12	1.64E-11	1.02E-11	6.11E-11	9.67E-13	2.21E-11	3.01E-09	2.79E-10	3.59E-09
596	SG_596	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6368.300	1.05E-08	1.91E-08	7.52E-08	7.90E-10	5.66E-12	4.94E-07	3.35E-09	1.04E-09	2.04E-17	5.43E-10	1.44E-12	1.01E-12	1.59E-11	9.90E-12	5.92E-11	9.38E-13	2.14E-11	2.92E-09	2.70E-10	3.48E-09
598	SG_598	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.300	1.22E-08	2.19E-08	7.92E-08	1.26E-09	6.60E-12	6.95E-07	3.90E-09	1.22E-09	2.38E-17	6.32E-10	1.68E-12	1.18E-12	1.85E-11	1.15E-11	6.90E-11	1.09E-12	2.49E-11	3.40E-09	3.15E-10	4.06E-09
599	SG_599	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.300	1.42E-08	2.54E-08	9.02E-08	1.56E-09	7.70E-12	8.48E-07	4.55E-09	1.42E-09	2.78E-17	7.38E-10	1.96E-12	1.38E-12	2.16E-11	1.35E-11	8.05E-11	1.28E-12	2.91E-11	3.97E-09	3.67E-10	4.73E-09
600	SG_600	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.300	1.81E-08	3.22E-08	1.14E-07	1.90E-09	9.84E-12	1.01E-06	5.81E-09	1.81E-09	3.55E-17	9.43E-10	2.50E-12	1.76E-12	2.76E-11	1.72E-11	1.03E-10	1.63E-12	3.71E-11	5.07E-09	4.69E-10	6.05E-09
601	SG_601	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.300	2.67E-08	4.76E-08	1.72E-07	2.51E-09	1.45E-11	1.27E-06	8.58E-09	2.68E-09	5.24E-17	1.39E-09	3.70E-12	2.61E-12	4.08E-11	2.54E-11	1.52E-10	2.41E-12	5.48E-11	7.49E-09	6.93E-10	8.93E-09
602	SG_602	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.300	4.72E-08	8.58E-08	3.27E-07	4.00E-09	2.56E-11	1.95E-06	1.52E-08	4.73E-09	9.25E-17	2.46E-09	6.53E-12	4.61E-12	7.20E-11	4.48E-11	2.68E-10	4.25E-12	9.68E-11	1.32E-08	1.22E-09	1.58E-08
603	SG_603	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.300	7.61E-08	1.41E-07	5.56E-07	6.30E-09	4.13E-11	2.97E-06	2.44E-08	7.62E-09	1.49E-16	3.96E-09	1.05E-11	7.41E-12	1.16E-10	7.23E-11	4.32E-10	6.85E-12	1.56E-10	2.13E-08	1.97E-09	2.54E-08
604	SG_604	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.300	7.42E-08	1.34E-07	5.10E-07	6.80E-09	4.03E-11	2.93E-06	2.38E-08	7.44E-09	1.46E-16	3.86E-09	1.02E-11	7.19E-12	1.13E-10	7.04E-11	4.22E-10	6.68E-12	1.52E-10	2.08E-08	1.93E-09	2.48E-08
605	SG_605	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.300	5.77E-08	1.03E-07	3.84E-07	5.02E-09	3.13E-11	1.98E-06	1.85E-08	5.79E-09	1.13E-16	3.01E-09	7.96E-12	5.59E-12	8.80E-11	5.48E-11	3.28E-10	5.20E-12	1.19E-10	1.62E-08	1.50E-09	1.93E-08
606	SG_606	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.300	4.80E-08	8.78E-08	3.38E-07	3.54E-09	2.61E-11	1.60E-06	1.54E-08	4.81E-09	9.42E-17	2.50E-09	6.63E-12	4.66E-12	7.32E-11	4.56E-11	2.73E-10	4.32E-12	9.86E-11	1.35E-08	1.25E-09	1.60E-08
607	SG_607	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.300	4.46E-08	8.44E-08	3.45E-07	2.98E-09	2.42E-11	1.54E-06	1.43E-08	4.47E-09	8.75E-17	2.32E-09	6.16E-12	4.33E-12	6.80E-11	4.24E-11	2.54E-10	4.02E-12	9.16E-11	1.25E-08	1.16E-09	1.49E-08
608	SG_608	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.300	3.60E-08	6.89E-08	2.88E-07	2.29E-09	1.95E-11	1.17E-06	1.16E-08	3.61E-09	7.06E-17	1.88E-09	4.96E-12	3.48E-12	5.49E-11	3.42E-11	2.05E-10	3.24E-12	7.40E-11	1.01E-08	9.34E-10	1.20E-08
609	SG_609	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.300	2.78E-08	5.33E-08	2.25E-07	1.70E-09	1.51E-11	8.54E-07	8.93E-09	2.79E-09	5.45E-17	1.45E-09	3.83E-12	2.68E-12	4.24E-11	2.64E-11	1.58E-10	2.50E-12	5.71E-11	7.80E-09	7.22E-10	9.29E-09
610	SG_610	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.300	2.31E-08	4.45E-08	1.91E-07	1.37E-09	1.25E-11	6.84E-07	7.42E-09	2.32E-09	4.53E-17	1.20E-09	3.18E-12	2.23E-12	3.52E-11	2.19E-11	1.31E-10	2.08E-12	4.75E-11	6.48E-09	6.00E-10	7.72E-09
611	SG_611	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.300	2.08E-08	4.05E-08	1.77E-07	1.22E-09	1.13E-11	6.09E-07	6.69E-09	2.09E-09	4.08E-17	1.08E-09	2.87E-12	2.01E-12	3.18E-11	1.98E-11	1.18E-10	1.87E-12	4.28E-11	5.84E-09	5.40E-10	6.96E-09
612	SG_612	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.300	1.90E-08	3.71E-08	1.64E-07	1.12E-09	1.03E-11	5.46E-07	6.09E-09	1.90E-09	3.72E-17	9.87E-10	2.61E-12	1.83E-12	2.89E-11	1.80E-11	1.08E-10	1.71E-12	3.89E-11	5.32E-09	4.92E-10	6.33E-09
613	SG_613	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.300	1.76E-08	3.46E-08	1.55E-07	1.06E-09	9.54E-12	5.01E-07	5.64E-09	1.76E-09	3.45E-17	9.15E-10	2.42E-12	1.70E-12	2.68E-11	1.67E-11	9.99E-11	1.58E-12	3.61E-11	4.93E-09	4.56E-10	5.87E-09
614	SG_614	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.300	1.65E-08	3.28E-08	1.48E-07	1.01E-09	8.98E-12	4.69E-07	5.31E-09	1.66E-09	3.24E-17	8.61E-10	2.28E-12	1.60E-12	2.52E-11	1.57E-11	9.40E-11	1.49E-12	3.40E-11	4.64E-09	4.29E-10	5.53E-09
615	SG_615	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.300	1.60E-08	3.20E-08	1.47E-07	9.85E-10	8.69E-12	4.56E-07	5.14E-09	1.60E-09	3.14E-17	8.33E-10	2.21E-12	1.55E-12	2.44E-11	1.52E-11	9.10E-11	1.44E-12	3.29E-11	4.49E-09	4.15E-10	5.35E-09
616	SG_616	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.300	1.42E-08	2.84E-08	1.30E-07	8.89E-10	7.72E-12	3.92E-07	4.57E-09	1.43E-09	2.79E-17	7.40E-10	1.96E-12	1.37E-12	2.17E-11	1.35E-11	8.08E-11	1.28E-12	2.92E-11	3.99E-09	3.69E-10	4.75E-09
617	SG_617	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.300	1.30E-08	2.60E-08	1.20E-07	8.21E-10	7.05E-12	3.51E-07	4.17E-09	1.30E-09	2.55E-17	6.76E-10	1.79E-12	1.25E-12	1.98E-11	1.23E-11	7.38E-11	1.17E-12	2.67E-11	3.64E-09	3.37E-10	4.34E-09
618	SG_618	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.300	1.23E-08	2.47E-08	1.14E-07	7.82E-10	6.67E-12	3.32E-07	3.95E-09	1.23E-09	2.41E-17	6.40E-10	1.69E-12	1.19E-12	1.87E-11	1.17E-11	6.99E-11	1.11E-12	2.52E-11	3.44E-09	3.19E-10	4.10E-09
619	SG_619	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.300	1.08E-08	2.17E-08	1.00E-07	6.99E-10	5.86E-12	2.83E-07	3.47E-09	1.08E-09	2.12E-17	5.63E-10	1.49E-12	1.04E-12	1.65E-11	1.03E-11	6.14E-11	9.72E-13	2.22E-11	3.03E-09	2.80E-10	3.61E-09
620	SG_620	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.300	1.01E-08	2.04E-08	9.47E-08	6.61E-10	5.51E-12	2.67E-07	3.26E-09	1.02E-09	1.99E-17	5.28E-10	1.40E-12	9.81E-13	1.55E-11	9.63E-12	5.77E-11	9.13E-13	2.08E-11	2.84E-09	2.63E-10	3.39E-09

AQIA DATA - SCENARIO 1 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
628	SG_628	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6368.500	1.31E-08	2.34E-08	9.15E-08	8.95E-10	7.06E-12	5.17E-07	4.18E-09	1.30E-09	2.55E-17	6.77E-10	1.80E-12	1.26E-12	1.98E-11	1.23E-11	7.39E-11	1.17E-12	2.67E-11	3.64E-09	3.37E-10	4.34E-09
629	SG_629	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.500	1.45E-08	2.57E-08	9.71E-08	1.08E-09	7.81E-12	6.01E-07	4.61E-09	1.44E-09	2.82E-17	7.48E-10	1.99E-12	1.40E-12	2.19E-11	1.36E-11	8.17E-11	1.29E-12	2.95E-11	4.03E-09	3.73E-10	4.80E-09
630	SG_630	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.500	1.70E-08	3.02E-08	1.13E-07	1.29E-09	9.21E-12	6.88E-07	5.45E-09	1.70E-09	3.32E-17	8.83E-10	2.34E-12	1.65E-12	2.59E-11	1.61E-11	9.64E-11	1.53E-12	3.48E-11	4.75E-09	4.40E-10	5.66E-09
631	SG_631	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.500	2.28E-08	4.08E-08	1.56E-07	1.67E-09	1.24E-11	8.55E-07	7.30E-09	2.28E-09	4.46E-17	1.18E-09	3.14E-12	2.22E-12	3.47E-11	2.16E-11	1.29E-10	2.05E-12	4.67E-11	6.37E-09	5.90E-10	7.60E-09
632	SG_632	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.500	3.33E-08	6.04E-08	2.36E-07	2.45E-09	1.81E-11	1.17E-06	1.07E-08	3.34E-09	6.53E-17	1.73E-09	4.60E-12	3.25E-12	5.08E-11	3.16E-11	1.89E-10	3.00E-12	6.83E-11	9.33E-09	8.63E-10	1.11E-08
633	SG_633	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.500	5.08E-08	9.34E-08	3.74E-07	3.83E-09	2.76E-11	1.71E-06	1.63E-08	5.09E-09	9.95E-17	2.64E-09	7.02E-12	4.95E-12	7.74E-11	4.82E-11	2.89E-10	4.57E-12	1.04E-10	1.42E-08	1.32E-09	1.70E-08
634	SG_634	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.500	6.36E-08	1.17E-07	4.61E-07	5.08E-09	3.46E-11	2.05E-06	2.04E-08	6.38E-09	1.25E-16	3.31E-09	8.78E-12	6.18E-12	9.70E-11	6.04E-11	3.62E-10	5.73E-12	1.31E-10	1.78E-08	1.65E-09	2.13E-08
635	SG_635	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.500	6.04E-08	1.09E-07	4.16E-07	5.12E-09	3.28E-11	1.87E-06	1.94E-08	6.05E-09	1.18E-16	3.15E-09	8.33E-12	5.85E-12	9.21E-11	5.73E-11	3.43E-10	5.44E-12	1.24E-10	1.69E-08	1.57E-09	2.02E-08
636	SG_636	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.500	5.08E-08	9.09E-08	3.46E-07	3.97E-09	2.76E-11	1.42E-06	1.63E-08	5.09E-09	9.95E-17	2.64E-09	7.00E-12	4.91E-12	7.74E-11	4.82E-11	2.89E-10	4.57E-12	1.04E-10	1.42E-08	1.32E-09	1.70E-08
637	SG_637	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.500	4.15E-08	7.52E-08	2.91E-07	2.84E-09	2.25E-11	1.13E-06	1.33E-08	4.16E-09	8.14E-17	2.16E-09	5.73E-12	4.02E-12	6.33E-11	3.94E-11	2.36E-10	3.74E-12	8.52E-11	1.16E-08	1.08E-09	1.39E-08
638	SG_638	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.500	3.74E-08	6.97E-08	2.80E-07	2.38E-09	2.03E-11	1.06E-06	1.20E-08	3.75E-09	7.34E-17	1.95E-09	5.17E-12	3.63E-12	5.71E-11	3.55E-11	2.13E-10	3.37E-12	7.68E-11	1.05E-08	9.71E-10	1.25E-08
639	SG_639	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.500	3.40E-08	6.49E-08	2.71E-07	2.12E-09	1.85E-11	1.01E-06	1.09E-08	3.41E-09	6.67E-17	1.77E-09	4.70E-12	3.30E-12	5.19E-11	3.23E-11	1.94E-10	3.06E-12	6.99E-11	9.54E-09	8.83E-10	1.14E-08
640	SG_640	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.500	2.87E-08	5.52E-08	2.36E-07	1.76E-09	1.56E-11	8.61E-07	9.20E-09	2.87E-09	5.62E-17	1.49E-09	3.95E-12	2.77E-12	4.37E-11	2.72E-11	1.63E-10	2.58E-12	5.88E-11	8.03E-09	7.43E-10	9.57E-09
641	SG_641	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.500	2.29E-08	4.41E-08	1.90E-07	1.38E-09	1.24E-11	6.71E-07	7.35E-09	2.29E-09	4.49E-17	1.19E-09	3.15E-12	2.21E-12	3.49E-11	2.17E-11	1.30E-10	2.06E-12	4.70E-11	6.41E-09	5.94E-10	7.64E-09
642	SG_642	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.500	1.89E-08	3.65E-08	1.58E-07	1.12E-09	1.02E-11	5.40E-07	6.06E-09	1.89E-09	3.70E-17	9.83E-10	2.60E-12	1.82E-12	2.88E-11	1.79E-11	1.07E-10	1.70E-12	3.88E-11	5.29E-09	4.90E-10	6.31E-09
643	SG_643	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.500	1.62E-08	3.14E-08	1.37E-07	9.62E-10	8.77E-12	4.53E-07	5.19E-09	1.62E-09	3.17E-17	8.42E-10	2.23E-12	1.56E-12	2.46E-11	1.53E-11	9.19E-11	1.45E-12	3.32E-11	4.53E-09	4.19E-10	5.40E-09
644	SG_644	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.500	1.51E-08	2.95E-08	1.31E-07	9.04E-10	8.18E-12	4.24E-07	4.84E-09	1.51E-09	2.95E-17	7.84E-10	2.08E-12	1.46E-12	2.30E-11	1.43E-11	8.57E-11	1.36E-12	3.09E-11	4.22E-09	3.91E-10	5.03E-09
645	SG_645	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.500	1.41E-08	2.79E-08	1.25E-07	8.53E-10	7.68E-12	3.92E-07	4.54E-09	1.42E-09	2.77E-17	7.36E-10	1.95E-12	1.37E-12	2.16E-11	1.34E-11	8.04E-11	1.27E-12	2.90E-11	3.96E-09	3.67E-10	4.72E-09
646	SG_646	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.500	1.37E-08	2.73E-08	1.24E-07	8.33E-10	7.46E-12	3.77E-07	4.41E-09	1.38E-09	2.69E-17	7.15E-10	1.89E-12	1.33E-12	2.09E-11	1.30E-11	7.81E-11	1.24E-12	2.82E-11	3.85E-09	3.56E-10	4.59E-09
647	SG_647	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.500	1.30E-08	2.58E-08	1.18E-07	7.94E-10	7.04E-12	3.49E-07	4.16E-09	1.30E-09	2.54E-17	6.75E-10	1.79E-12	1.25E-12	1.98E-11	1.23E-11	7.37E-11	1.17E-12	2.66E-11	3.63E-09	3.36E-10	4.33E-09
648	SG_648	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.500	1.23E-08	2.46E-08	1.13E-07	7.60E-10	6.66E-12	3.26E-07	3.94E-09	1.23E-09	2.41E-17	6.39E-10	1.69E-12	1.19E-12	1.87E-11	1.17E-11	6.98E-11	1.10E-12	2.52E-11	3.44E-09	3.19E-10	4.10E-09
649	SG_649	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.500	1.14E-08	2.28E-08	1.05E-07	7.12E-10	6.17E-12	2.96E-07	3.65E-09	1.14E-09	2.23E-17	5.91E-10	1.57E-12	1.10E-12	1.73E-11	1.08E-11	6.46E-11	1.02E-12	2.33E-11	3.18E-09	2.95E-10	3.79E-09
650	SG_650	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.500	1.05E-08	2.11E-08	9.75E-08	6.66E-10	5.70E-12	2.69E-07	3.37E-09	1.05E-09	2.06E-17	5.47E-10	1.45E-12	1.02E-12	1.60E-11	9.96E-12	5.97E-11	9.45E-13	2.16E-11	2.94E-09	2.72E-10	3.51E-09
651	SG_651	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.500	9.95E-09	2.00E-08	9.30E-08	6.36E-10	5.40E-12	2.54E-07	3.19E-09	9.97E-10	1.95E-17	5.18E-10	1.37E-12	9.62E-13	1.52E-11	9.44E-12	5.65E-11	8.95E-13	2.04E-11	2.79E-09	2.58E-10	3.32E-09
660	SG_660	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.700	1.54E-08	2.70E-08	1.04E-07	8.92E-10	8.26E-12	4.84E-07	4.88E-09	1.52E-09	2.98E-17	7.91E-10	2.10E-12	1.48E-12	2.32E-11	1.44E-11	8.64E-11	1.37E-12	3.12E-11	4.26E-09	3.94E-10	5.08E-09
661	SG_661	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.700	1.90E-08	3.38E-08	1.32E-07	1.14E-09	1.03E-11	5.84E-07	6.07E-09	1.90E-09	3.71E-17	9.85E-10	2.62E-12	1.84E-12	2.88E-11	1.80E-11	1.08E-10	1.70E-12	3.88E-11	5.30E-09	4.91E-10	6.32E-09
662	SG_662	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.700	2.50E-08	4.50E-08	1.79E-07	1.56E-09	1.35E-11	7.38E-07	8.00E-09	2.50E-09	4.88E-17	1.30E-09	3.44E-12	2.43E-12	3.80E-11	2.37E-11	1.42E-10	2.24E-12	5.11E-11	6.98E-09	6.46E-10	8.32E-09
663	SG_663	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.700	3.51E-08	6.44E-08	2.62E-07	2.36E-09	1.91E-11	1.05E-06	1.13E-08	3.51E-09	6.88E-17	1.83E-09	4.85E-12	3.42E-12	5.35E-11	3.33E-11	1.99E-10	3.16E-12	7.20E-11	9.83E-09	9.10E-10	1.17E-08
664	SG_664	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.700	4.63E-08	8.54E-08	3.48E-07	3.36E-09	2.51E-11	1.38E-06	1.48E-08	4.63E-09	9.06E-17	2.41E-09	6.38E-12	4.50E-12	7.05E-11	4.39E-11	2.63E-10	4.16E-12	9.48E-11	1.30E-08	1.20E-09	1.54E-08
665	SG_665	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.700	5.11E-08	9.35E-08	3.74E-07	4.02E-09	2.77E-11	1.50E-06	1.64E-08	5.12E-09	1.00E-16	2.66E-09	7.05E-12	4.95E-12	7.79E-11	4.85E-11	2.91E-10	4.60E-12	1.05E-10	1.43E-08	1.33E-09	1.71E-08
666	SG_666	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.700	4.75E-08	8.55E-08	3.32E-07	3.88E-09	2.58E-11	1.31E-06	1.52E-08	4.76E-09	9.30E-17	2.47E-09	6.54E-12	4.59E-12	7.23E-11	4.50E-11	2.70E-10	4.27E-12	9.74E-11	1.33E-08	1.23E-09	1.58E-08
667	SG_667	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.700	4.14E-08	7.46E-08	2.89E-07	3.17E-09	2.25E-11	1.09E-06	1.33E-08	4.15E-09	8.11E-17	2.15E-09	5.71E-12	4.00E-12	6.31E-11	3.93E-11	2.35E-10	3.72E-12	8.49E-11	1.16E-08	1.07E-09	1.38E-08
668	SG_668	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.700	3.42E-08	6.20E-08	2.42E-07	2.37E-09	1.86E-11	8.82E-07	1.10E-08	3.43E-09	6.71E-17	1.78E-09	4.72E-12	3.31E-12	5.22E-11	3.25E-11	1.94E-10	3.08E-12	7.02E-11	9.59E-09	8.87E-10	1.14E-08
669	SG_669	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.700	3.03E-08	5.60E-08	2.24E-07	1.95E-09	1.64E-11	8.03E-07	9.72E-09	3.03E-09	5.94E-17	1.58E-09	4.18E-12	2.94E-12	4.62E-11	2.88E-11	1.72E-10	2.73E-12	6.22E-11	8.49E-09	7.85E-10	1.01E-08
670	SG_670	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.700	2.88E-08	5.47E-08	2.27E-07	1.81E-09	1.56E-11	8.10E-07	9.25E-09	2.89E-09	5.65E-17	1.50E-09	3.98E-12	2.80E-12	4.39E-11	2.74E-11	1.64E-10	2.59E-12	5.91E-11	8.08E-09	7.47E-10	9.63E-09
671	SG_671	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.700	2.62E-08	5.06E-08	2.16E-07	1.64E-09	1.42E-11	7.66E-07	8.42E-09	2.63E-09	5.14E-17	1.37E-09	3.62E-12	2.54E-12	4.00E-11	2.49E-11	1.49E-10	2.36E-12	5.38E-11	7.35E-09	6.80E-10	8.76E-09
672	SG_672	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.700	2.26E-08	4.38E-08	1.90E-07	1.40E-09	1.23E-11	6.75E-07	7.25E-09	2.26E-09	4.42E-17	1.17E-09	3.11E-12	2.18E-12	3.44E-11	2.14E-11	1.28E-10	2.03E-12	4.63E-11	6.32E-09	5.85E-10	7.54E-09
673	SG_673	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.700	1.79E-08	3.48E-08	1.50E-07	1.13E-09	9.74E-12	5.31E-07	5.76E-09	1.80E-09	3.52E-17	9.34E-10	2.47E-12	1.73E-12	2.73E-11	1.70E-11	1.02E-10	1.61E-12	3.68E-11	5.03E-09	4.65E-10	5.99E-09
674	SG_674	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.700	1.54E-08	2.99E-08	1.30E-07	9.73E-10	8.35E-12	4.66E-07	4.94E-09	1.54E-09	3.02E-17	8.01E-10	2.12E-12	1.49E-12	2.35E-11	1.46E-11	8.75E-11	1.38E-12	3.16E-11	4.31E-09	3.99E-10	5.14E-09
675	SG_675	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.700	1.39E-08	2.72E-08	1.20E-07	8.71E-10	7.54E-12	4.15E-07	4.46E-09	1.39E-09	2.72E-17	7.23E-10	1.92E-12	1.34E-12	2.12E-11	1.32E-11	7.90E-11	1.25E-12	2.85E-11	3.89E-09	3.60E-10	4.64E-09
676	SG_676	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.700	1.27E-08	2.50E-08	1.12E-07	7.79E-10	6.91E-12	3.58E-07	4.09E-09	1.28E-09	2.50E-17	6.63E-10	1.76E-12	1.23E-12	1.94E-11	1.21E-11	7.24E-11	1.15E-12	2.61E-11	3.57E-09	3.30E-10	4.25E-09
677	SG_677	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.700	1.21E-08	2.38E-08	1.08E-07	7.26E-10	6.55E-12	3.24E-07	3.87E-09	1.21E-09	2.36E-17	6.28E-10	1.66E-12	1.17E-12	1.84E-11	1.14E-11	6.85E-11	1.09E-12	2.48E-11	3.38E-09	3.13E-10	4.03E-09
678	SG_678	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.700	1.18E-08	2.35E-08	1.07E-07	7.11E-10	6.42E-12	3.13E-07	3.80E-09	1.19E-09	2.32E-17	6.16E-10	1.63E-12	1.14E-12	1.80E-11	1.12E-11	6.72E-11	1.06E-12	2.43E-11	3.31E-09	3.07E-10	3.95E-09
679	SG_679	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.700	1.12E-08	2.23E-08	1.02E-07	6.79E-10	6.06E-12	2.89E-07	3.58E-09	1.12E-09	2.19E-17	5.81E-10	1.54E-12	1.08E-12	1.70E-11	1.06E-11	6.34E-11	1.00E-12	2.29E-11	3.13E-09	2.89E-10	3.73E-09
680	SG_680	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.700	1.08E-08	2.16E-08	1.00E-07	6.64E-10	5.87E-12	2.78E-07	3.47E-09	1.08E-09	2.12E-17	5.63E-10	1.49E-12	1.05E-12	1.65E-11	1.03E-11	6.14E-11	9.72E-13	2.22E-11	3.03E-09	2.80E-10	3.61E-09
681	SG_681	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.700	9.97E-09	2.00E-08	9.25E-08	6.22E-10	5.41E-12	2.50E-07	3.20E-09	9.99E-10	1.95E-17	5.19E-10	1.37E-12	9.65E-13	1.52E-11	9.46E-12	5.67E-11	8.97E-13	2.05E-11	2.79E-09	2.59E-10	3.33E-09
682	SG_682	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.700	9.37E-09	1.88E-08	8.73E-08	5.91E-10	5.08E-12	2.31E-07	3.01E-09	9.39E-10	1.84E-17	4.88E-10	1.29E-12	9.06E-13	1.43E-11	8.89E-12	5.33E-11	8.43E-13	1.92E-11	2.63E-09	2.43E-10	3.13E-09
694	SG_694	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.900	3.11E-08	5.68E-08	2.31E-07	2.08E-09	1.69E-11	8.47E-07	9.96E-09	3.11E-09	6.08E-17	1.62E-09	4.29E-12	3.02E-12	4.73E-11	2.95E-11	1.76E-10	2.79E-12	6.37E-11	8.70E-09	8.05E-10	1.04E-08
695	SG_695	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.900	3.74E-08	6.85E-08	2.77E-07	2.72E-09	2.03E-11	1.02E-06	1.20E-08	3.74E-09	7.31E-17	1.94E-09	5.15E-12	3.62E-12	5.69E-11	3.54E-11	2.12E-10	3.36E-12	7.66E-11	1.05E-08	9.67E-10	1.25E-08
696	SG_696	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.900	4.06E-08	7.42E-08	2.99E-07	3.16E-09	2.20E-11	1.13E-06	1.30E-08	4.06E-09	7.94E-17	2.11E-09	5.59E-12	3.92E-12	6.18E-11	3.84E-11	2.30E-10	3.64E-12	8.31E-11	1.14E-08	1.05E-09	1.35E-08
697	SG_697	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.900	3.74E-08	6.78E-08	2.68E-07	3.00E-09	2.03E-11	9.92E-07	1.20E-08	3.75E-09	7.33E-17	1.95E-09	5.16E-12	3.62E-12	5.70E-11	3.55E-11	2.13E-10	3.37E-12	7.68E-11	1.05E-08	9.70E-10	1.25E-08
698	SG_698	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.900	3.29E-08	5.97E-08	2.35E-07	2.50E-09	1.79E-11	8.42E-07	1.06E-08	3.30E-09	6.46E-17	1.71E-09	4.54E-12	3.18E-12	5.02E-11	3.12E-11	1.87E-10	2.96E-12	6.76E-11	9.23E-09	8.54E-10	1.10E-08
699	SG_699	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.900	2.77E-08	5.04E-08	1.99E-07	1.94E-09	1.50E-11	7.00E-07	8.90E-09	2.78E-09	5.43E-17	1.44E-09	3.82E-12	2.68E-12	4.23E-11	2.63E-11	1.58E-10	2.49E-12	5.69E-11	7.77E-09	7.19E-10	9.26E-09
700	SG_700	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.900	2.45E-08	4.51E-08	1.81E-07	1.61E-09	1.33E-11	6.30E-07	7.85E-09	2.45E-09	4.79E-17	1.27E-09	3.38E-12	2.37E-12	3.73E-11	2.32E-11	1.39E-10	2.20E-12	5.02E-11	6.85E-09	6.34E-10	8.17E-09
701	SG_701	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.900	2.41E-08	4.55E-08	1.89E-07	1.53E-09	1.31E-11	6.58E-07	7.73E-09	2.41E-09	4.72E-17	1.25E-09	3.32E-12	2.34E-12	3.67E-11	2.28E-11	1.37E-10	2.17E-12	4.94E-11	6.74E-09	6.24E-10	8.04E-09
702	SG_702	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.900	2.29E-08	4.42E-08	1.89E-07	1.46E-09	1.25E-11	6.51E-07	7.37E-09	2.30E-09	4.50E-17	1.19E-09	3.17E-12	2.22E-12	3.50E-11	2.18E-11	1.30E-10	2.06E-12	4.71E-11	6.43E-09	5.95E-10	7.66E-09
703	SG_703	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.900	1.99E-08	3.86E-08	1.67E-07	1.27E-09	1.08E-11	5.72E-07	6.40E-09	2.00E-09	3.91E-17	1.04E-09	2.75E-12	1.93E-12	3.04E-11	1.89E-11	1.13E-10	1.79E-12	4.09E-11	5.59E-09	5.17E-10	6.66E-09
704	SG_704	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.900	1.68E-08	3.26E-08	1.41E-07	1.10E-09	9.12E-12	4.99E-07	5.40E-09	1.68E-09	3.29E-17	8.75E-10	2.32E-12	1.63E-12	2.56E-11	1.59E-11	9.55E-11	1.51E-12	3.45E-11	4.71E-09	4.36E-10	5.61E-09
705	SG_705	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.900	1.40E-08	2.71E-08	1.17E-07	9.36E-10	7.57E-12	4.24E-07	4.48E-09	1.40E-09	2.74E-17	7.26E-10	1.92E-12	1.35E-12	2.13E-11	1.32E-11	7.93E-11	1.26E-12	2.86E-11	3.91E-09	3.62E-10	4.66E-09
706	SG_706	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.900	1.24E-08	2.41E-08	1.05E-07	8.15E-10	6.70E-12	3.70E-07	3.97E-09	1.24E-09	2.42E-17	6.43E-10	1.70E-12	1.20E-12	1.88E-11	1.17E-11	7.02E-11	1.11E-12	2.54E-11	3.46E-09	3.20E-10	4.13E-09
707	SG_707	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.900	1.16E-08	2.27E-08	1.00E-07	7.28E-10	6.28E-12	3.26E-07	3.71E-09	1.16E-09	2.27E-17	6.02E-10	1.60E-12	1.12E-12	1.76E-11	1.10E-11	6.58E-11	1.04E-12	2.37E-11	3.24E-09	3.00E-10	3.86E-09
708	SG_708	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.900	1.14E-08	2.25E-08	1.02E-07	6.89E-10	6.19E-12	3.09E-07	3.66E-09	1.14E-09	2.24E-17	5.93E-10	1.57E-12	1.10E-12	1.74E-11	1.08E-11	6.48E-11	1.03E-12	2.34E-11	3.20E-09	2.96E-10	3.81E-09
709	SG_709	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.900	1.13E-08	2.24E-08	1.03E-07	6.69E-10	6.11E-12	2.99E-07	3.61E-09	1.13E-09	2.21E-17	5.86E-10	1.55E-12	1.09E-12	1.72E-11	1.07E-11	6.39E-11	1.01E-12	2.31E-11	3.15E-09	2.92E-10	3.76E-09
710	SG_710	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.900	1.05E-08	2.09E-08	9.63E-08	6.28E-10	5.70E-12	2.70E-07	3.37E-09	1.05E-09	2.06E-17	5.46E-10	1.45E-12	1.02E-12	1.60E-11	9.96E-12	5.97E-11	9.45E-13	2.15E-11	2.94E-09	2.72E-10	3.51E-09
711	SG_711	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.900	9.84E-09	1.96E-08	9.06E-08	5.96E-10	5.34E-12	2.46E-07	3.16E-09	9.86E-10	1.93E-17	5.12E-10	1.36E-12	9.53E-13	1.50E-11	9.33E-12	5.59E-11	8.85E-13	2.02E-11	2.76E-09	2.55E-10	3.28E-09
712	SG_712	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.900	9.18E-09	1.84E-08	8.47E-08	5.65E-10	4.98E-12	2.24E-07	2.95E-09	9.20E-10	1.80E-17	4.78E-10	1.27E-12	8.89E-13	1.40E-11	8.71E-12	5.22E-11	8.26E-13	1.88E-11	2.57E-09	2.38E-10	3.07E-09
713	SG_713	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.900	8.43E-09	1.69E-08	7.78E-08	5.27E-10	4.58E-12	1.99E-07	2.71E-09	8.45E-10	1.65E-17	4.39E-10	1.16E-12	8.16E-13	1.29E-11	8.00E-12	4.79E-11	7.59E-13	1.73E-11	2.36E-09	2.19E-10	2.82E-09
726	SG_726	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6369.100	3.02E-08	5.49E-08	2.22E-07	2.21E-09	1.63E-11	7.91E-07	9.63E-09	3.01E-09	5.88E-17	1.56E-09	4.14E-12	2.91E-12	4.57E-11	2.85E-11	1.70E-10	2.70E-12	6.15E-11	8.40E-09	7.78E-10	1.00E-08
727	SG_727	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6369.100	3.06E-08	5.55E-08	2.22E-07	2.39E-09	1.66E-11	7.91E-07	9.80E-09	3.06E-09	5.98E-17	1.59E-09	4.21E-12	2.95E-12	4.65E-11	2.90E-11	1.73E-10	2.75E-12	6.26E-11	8.55E-09	7.91E-10	1.02E-08
728	SG_728	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.100	2.93E-08	5.31E-08	2.11E-07	2.31E-09	1.59E-11	7.48E-07	9.38E-09	2.93E-09	5.73E-17	1.52E-09	4.03E-12	2.82E-12	4.45E-11	2.77E-11	1.66E-10	2.63E-12	6.00E-11	8.19E-09	7.58E-10	9.76E-09
729	SG_729	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.100	2.60E-08	4.73E-08	1.88E-07	1.97E-09	1.41E-11	6.45E-07	8.35E-09	2.61E-09	5.10E-17	1.35E-09	3.59E-12	2.51E-12	3.96E-11	2.47E-11	1.48E-10	2.34E-12	5.34E-11	7.29E-09	6.75E-10	8.69E-09
730	SG_730	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.100	2.28E-08	4.16E-08	1.67E-07	1.61E-09	1.23E-11	5.73E-07	7.30E-09	2.28E-09	4.46E-17	1.18E-09	3.14E-12	2.20E-12	3.47E-11	2.16E-11	1.29E-10	2.05E-12	4.67E-11	6.37E-09	5.90E-10	7.60E-09
731	SG_731	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.100	2.03E-08	3.74E-08	1.52E-07	1.36E-09	1.10E-11	5.18E-07	6.50E-09	2.03E-09	3.97E-17	1.05E-09	2.79E-12	1.96E-12	3.09E-11	1.92E-11	1.15E-10	1.82E-12	4.16E-11	5.68E-09	5.25E-10	6.76E-09
732	SG_732	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.100	1.97E-08	3.71E-08	1.54E-07	1.28E-09	1.07E-11	5.22E-07	6.33E-09	1.97E-09	3.86E-17	1.03E-09	2.72E-12	1.91E-12	3.00E-11	1.87E-11	1.12E-10	1.77E-12	4.04E-11	5.52E-09	5.11E-10	6.58E-09
733	SG_733	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.100	1.93E-08	3.70E-08	1.57E-07	1.24E-09	1.05E-11	5.25E-07	6.19E-09	1.93E-09	3.78E-17	1.00E-09	2.66E-12	1.87E-12	2.94E-11	1.83E-11	1.10E-10	1.73E-12	3.96E-11	5.40E-09	5.00E-10	6.44E-09
734	SG_734	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.100	1.75E-08	3.38E-08	1.45E-07	1.13E-09	9.48E-12	4.79E-07	5.61E-09	1.75E-09	3.42E-17	9.09E-10	2.41E-12	1.69E-12	2.66E-11	1.66E-11	9.93E-11	1.57E-12	3.58E-11	4.89E-09	4.53E-10	5.83E-09
735	SG_735	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.100	1.55E-08	3.00E-08	1.30E-07	1.02E-09	8.39E-12	4.36E-07	4.96E-09	1.55E-09	3.03E-17	8.04E-10	2.13E-12	1.50E-12	2.36E-11	1.47E-11	8.78E-11	1.39E-12	3.17E-11	4.33E-09	4.01E-10	5.16E-09
736	SG_736	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.100	1.34E-08	2.60E-08	1.13E-07	8.97E-10	7.25E-12	3.84E-07	4.29E-09	1.34E-09	2.62E-17	6.95E-10	1.84E-12	1.29E-12	2.04E-11	1.27E-11	7.59E-11	1.20E-12	2.74E-11	3.74E-09	3.46E-10	4.46E-09
737	SG_737	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.100	1.18E-08	2.31E-08	1.01E-07	7.86E-10	6.42E-12	3.38E-07	3.80E-09	1.19E-09	2.32E-17	6.16E-10	1.63E-12	1.15E-12	1.80E-11	1.12E-11	6.72E-11	1.06E-12	2.43E-11	3.31E-09	3.07E-10	3.95E-09
738	SG_738	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.100	1.11E-08	2.17E-08	9.64E-08	7.06E-10	6.01E-12	3.07E-07	3.55E-09	1.11E-09	2.17E-17	5.76E-10	1.53E-12	1.07E-12	1.69E-11	1.05E-11	6.29E-11	9.95E-13	2.27E-11	3.10E-09	2.87E-10	3.69E-09
739	SG_739	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.100	1.05E-08	2.08E-08	9.36E-08	6.47E-10	5.72E-12	2.81E-07	3.38E-09	1.06E-09	2.06E-17	5.48E-10	1.45E-12	1.02E-12	1.61E-11	1.00E-11	5.99E-11	9.48E-13	2.16E-11	2.95E-09	2.73E-10	3.52E-09
740	SG_740	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.100	1.05E-08	2.08E-08	9.51E-08	6.26E-10	5.68E-12	2.76E-07	3.36E-09	1.05E-09	2.05E-17	5.44E-10	1.44E-12	1.01E-12	1.59E-11	9.92E-12	5.94E-11	9.41E-13	2.15E-11	2.93E-09	2.71E-10	3.49E-09
741	SG_741	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.100	9.82E-09	1.95E-08	8.99E-08	5.86E-10	5.33E-12	2.50E-07	3.15E-09	9.84E-10	1.92E-17	5.11E-10	1.35E-12	9.52E-13	1.50E-11	9.32E-12	5.58E-11	8.83E-13	2.01E-11	2.75E-09	2.55E-10	3.28E-09
742	SG_742	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.100	8.90E-09	1.77E-08	8.13E-08	5.37E-10	4.83E-12	2.16E-07	2.86E-09	8.91E-10	1.74E-17	4.63E-10	1.23E-12	8.63E-13	1.36E-11	8.44E-12	5.06E-11	8.01E-13	1.83E-11	2.49E-09	2.31E-10	2.97E-09
743	SG_743	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.100	8.56E-09	1.71E-08	7.88E-08	5.21E-10	4.64E-12	2.05E-07	2.75E-09	8.57E-10	1.68E-17	4.45E-10	1.18E-12	8.30E-13	1.30E-11	8.12E-12	4.86E-11	7.70E-13	1.76E-11	2.40E-09	2.22E-10	2.86E-09

AQIA DATA - SCENARIO 1 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
744	SG_744	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.100	8.00E-09	1.60E-08	7.38E-08	4.93E-10	4.34E-12	1.87E-07	2.57E-09	8.01E-10	1.57E-17	4.16E-10	1.10E-12	7.76E-13	1.22E-11	7.59E-12	4.55E-11	7.20E-13	1.64E-11	2.24E-09	2.07E-10	2.67E-09
758	SG_758	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6369.300	2.44E-08	4.42E-08	1.78E-07	1.89E-09	1.32E-11	6.20E-07	7.78E-09	2.43E-09	4.75E-17	1.26E-09	3.34E-12	2.34E-12	3.70E-11	2.30E-11	1.38E-10	2.18E-12	4.98E-11	6.79E-09	6.29E-10	8.10E-09
759	SG_759	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.300	2.31E-08	4.19E-08	1.68E-07	1.81E-09	1.25E-11	5.72E-07	7.39E-09	2.31E-09	4.51E-17	1.20E-09	3.17E-12	2.22E-12	3.51E-11	2.18E-11	1.31E-10	2.07E-12	4.72E-11	6.45E-09	5.97E-10	7.69E-09
760	SG_760	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.300	2.09E-08	3.81E-08	1.52E-07	1.57E-09	1.13E-11	5.07E-07	6.71E-09	2.09E-09	4.10E-17	1.09E-09	2.88E-12	2.02E-12	3.19E-11	1.98E-11	1.19E-10	1.88E-12	4.29E-11	5.86E-09	5.42E-10	6.98E-09
761	SG_761	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.300	1.85E-08	3.39E-08	1.37E-07	1.32E-09	1.01E-11	4.54E-07	5.95E-09	1.86E-09	3.63E-17	9.64E-10	2.55E-12	1.79E-12	2.82E-11	1.76E-11	1.05E-10	1.67E-12	3.80E-11	5.19E-09	4.80E-10	6.19E-09
762	SG_762	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.300	1.68E-08	3.09E-08	1.26E-07	1.14E-09	9.09E-12	4.19E-07	5.38E-09	1.68E-09	3.28E-17	8.72E-10	2.31E-12	1.62E-12	2.55E-11	1.59E-11	9.52E-11	1.51E-12	3.44E-11	4.69E-09	4.34E-10	5.59E-09
763	SG_763	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.300	1.60E-08	3.00E-08	1.24E-07	1.06E-09	8.68E-12	4.05E-07	5.13E-09	1.60E-09	3.13E-17	8.32E-10	2.21E-12	1.55E-12	2.44E-11	1.52E-11	9.09E-11	1.44E-12	3.28E-11	4.48E-09	4.15E-10	5.34E-09
764	SG_764	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.300	1.63E-08	3.11E-08	1.32E-07	1.06E-09	8.84E-12	4.29E-07	5.22E-09	1.63E-09	3.19E-17	8.47E-10	2.25E-12	1.58E-12	2.48E-11	1.54E-11	9.25E-11	1.46E-12	3.34E-11	4.56E-09	4.22E-10	5.43E-09
765	SG_765	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.300	1.59E-08	3.09E-08	1.33E-07	1.04E-09	8.65E-12	4.29E-07	5.12E-09	1.60E-09	3.12E-17	8.30E-10	2.20E-12	1.55E-12	2.43E-11	1.51E-11	9.06E-11	1.43E-12	3.27E-11	4.47E-09	4.13E-10	5.32E-09
766	SG_766	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.300	1.46E-08	2.85E-08	1.24E-07	9.60E-10	7.94E-12	3.98E-07	4.70E-09	1.47E-09	2.87E-17	7.61E-10	2.02E-12	1.42E-12	2.23E-11	1.39E-11	8.31E-11	1.32E-12	3.00E-11	4.10E-09	3.79E-10	4.89E-09
767	SG_767	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.300	1.28E-08	2.50E-08	1.09E-07	8.46E-10	6.95E-12	3.46E-07	4.11E-09	1.28E-09	2.51E-17	6.66E-10	1.77E-12	1.24E-12	1.95E-11	1.21E-11	7.27E-11	1.15E-12	2.63E-11	3.59E-09	3.32E-10	4.27E-09
768	SG_768	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.300	1.15E-08	2.26E-08	9.94E-08	7.58E-10	6.26E-12	3.10E-07	3.70E-09	1.16E-09	2.26E-17	6.00E-10	1.59E-12	1.12E-12	1.76E-11	1.09E-11	6.55E-11	1.04E-12	2.37E-11	3.23E-09	2.99E-10	3.85E-09
769	SG_769	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.300	1.03E-08	2.02E-08	8.96E-08	6.66E-10	5.60E-12	2.70E-07	3.31E-09	1.03E-09	2.02E-17	5.37E-10	1.42E-12	1.00E-12	1.57E-11	9.79E-12	5.87E-11	9.29E-13	2.12E-11	2.89E-09	2.68E-10	3.45E-09
770	SG_770	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.300	9.74E-09	1.91E-08	8.59E-08	6.12E-10	5.28E-12	2.52E-07	3.13E-09	9.75E-10	1.91E-17	5.07E-10	1.34E-12	9.43E-13	1.48E-11	9.24E-12	5.53E-11	8.76E-13	2.00E-11	2.73E-09	2.52E-10	3.25E-09
771	SG_771	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.300	9.68E-09	1.92E-08	8.76E-08	5.91E-10	5.26E-12	2.52E-07	3.11E-09	9.70E-10	1.90E-17	5.04E-10	1.34E-12	9.39E-13	1.48E-11	9.19E-12	5.50E-11	8.71E-13	1.99E-11	2.71E-09	2.51E-10	3.23E-09
772	SG_772	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.300	9.30E-09	1.85E-08	8.51E-08	5.61E-10	5.05E-12	2.37E-07	2.98E-09	9.31E-10	1.82E-17	4.84E-10	1.28E-12	9.02E-13	1.42E-11	8.82E-12	5.28E-11	8.37E-13	1.91E-11	2.61E-09	2.41E-10	3.10E-09
773	SG_773	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.300	8.45E-09	1.68E-08	7.72E-08	5.11E-10	4.59E-12	2.05E-07	2.71E-09	8.47E-10	1.66E-17	4.40E-10	1.17E-12	8.20E-13	1.29E-11	8.02E-12	4.80E-11	7.60E-13	1.73E-11	2.37E-09	2.19E-10	2.82E-09
774	SG_774	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.300	8.11E-09	1.62E-08	7.46E-08	4.92E-10	4.40E-12	1.93E-07	2.60E-09	8.12E-10	1.59E-17	4.22E-10	1.12E-12	7.87E-13	1.24E-11	7.69E-12	4.61E-11	7.29E-13	1.66E-11	2.27E-09	2.10E-10	2.71E-09
775	SG_775	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.300	8.38E-09	1.68E-08	7.87E-08	5.07E-10	4.55E-12	2.03E-07	2.69E-09	8.39E-10	1.64E-17	4.36E-10	1.16E-12	8.14E-13	1.28E-11	7.95E-12	4.76E-11	7.54E-13	1.72E-11	2.35E-09	2.17E-10	2.80E-09
789	SG_789	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6369.500	1.99E-08	3.57E-08	1.45E-07	1.51E-09	1.06E-11	5.04E-07	6.28E-09	1.96E-09	3.83E-17	1.02E-09	2.70E-12	1.89E-12	2.98E-11	1.86E-11	1.11E-10	1.76E-12	4.01E-11	5.48E-09	5.07E-10	6.53E-09
790	SG_790	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.500	1.87E-08	3.39E-08	1.37E-07	1.43E-09	1.01E-11	4.56E-07	5.96E-09	1.86E-09	3.64E-17	9.66E-10	2.56E-12	1.79E-12	2.83E-11	1.76E-11	1.06E-10	1.67E-12	3.81E-11	5.20E-09	4.81E-10	6.20E-09
791	SG_791	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.500	1.73E-08	3.16E-08	1.28E-07	1.28E-09	9.36E-12	4.16E-07	5.54E-09	1.73E-09	3.38E-17	8.98E-10	2.38E-12	1.67E-12	2.63E-11	1.64E-11	9.80E-11	1.55E-12	3.54E-11	4.83E-09	4.47E-10	5.76E-09
792	SG_792	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.500	1.54E-08	2.82E-08	1.15E-07	1.10E-09	8.36E-12	3.70E-07	4.95E-09	1.54E-09	3.02E-17	8.02E-10	2.12E-12	1.49E-12	2.35E-11	1.46E-11	8.75E-11	1.39E-12	3.16E-11	4.32E-09	3.99E-10	5.14E-09
793	SG_793	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.500	1.41E-08	2.61E-08	1.07E-07	9.72E-10	7.66E-12	3.46E-07	4.53E-09	1.41E-09	2.76E-17	7.34E-10	1.94E-12	1.36E-12	2.15E-11	1.34E-11	8.02E-11	1.27E-12	2.89E-11	3.95E-09	3.66E-10	4.71E-09
794	SG_794	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.500	1.37E-08	2.57E-08	1.07E-07	9.17E-10	7.44E-12	3.45E-07	4.40E-09	1.37E-09	2.69E-17	7.13E-10	1.89E-12	1.33E-12	2.09E-11	1.30E-11	7.79E-11	1.23E-12	2.81E-11	3.84E-09	3.55E-10	4.57E-09
795	SG_795	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.500	1.37E-08	2.61E-08	1.10E-07	9.05E-10	7.44E-12	3.49E-07	4.40E-09	1.37E-09	2.69E-17	7.13E-10	1.89E-12	1.33E-12	2.09E-11	1.30E-11	7.79E-11	1.23E-12	2.81E-11	3.84E-09	3.55E-10	4.58E-09
796	SG_796	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.500	1.44E-08	2.78E-08	1.21E-07	9.41E-10	7.79E-12	3.81E-07	4.61E-09	1.44E-09	2.81E-17	7.47E-10	1.98E-12	1.39E-12	2.19E-11	1.36E-11	8.16E-11	1.29E-12	2.94E-11	4.02E-09	3.72E-10	4.79E-09
797	SG_797	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.500	1.36E-08	2.65E-08	1.16E-07	8.91E-10	7.37E-12	3.59E-07	4.36E-09	1.36E-09	2.66E-17	7.06E-10	1.87E-12	1.32E-12	2.07E-11	1.29E-11	7.71E-11	1.22E-12	2.78E-11	3.80E-09	3.52E-10	4.53E-09
798	SG_798	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.500	1.22E-08	2.39E-08	1.05E-07	8.03E-10	6.63E-12	3.17E-07	3.92E-09	1.22E-09	2.39E-17	6.35E-10	1.68E-12	1.18E-12	1.86E-11	1.16E-11	6.94E-11	1.10E-12	2.51E-11	3.42E-09	3.17E-10	4.08E-09
799	SG_799	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.500	1.09E-08	2.14E-08	9.46E-08	7.18E-10	5.94E-12	2.80E-07	3.51E-09	1.10E-09	2.14E-17	5.70E-10	1.51E-12	1.06E-12	1.67E-11	1.04E-11	6.22E-11	9.85E-13	2.25E-11	3.07E-09	2.84E-10	3.65E-09
800	SG_800	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.500	1.02E-08	2.01E-08	8.96E-08	6.62E-10	5.55E-12	2.63E-07	3.28E-09	1.02E-09	2.00E-17	5.32E-10	1.41E-12	9.91E-13	1.56E-11	9.70E-12	5.81E-11	9.19E-13	2.10E-11	2.86E-09	2.65E-10	3.41E-09
801	SG_801	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.500	9.49E-09	1.87E-08	8.40E-08	6.06E-10	5.15E-12	2.42E-07	3.05E-09	9.50E-10	1.86E-17	4.94E-10	1.31E-12	9.20E-13	1.45E-11	9.00E-12	5.39E-11	8.53E-13	1.95E-11	2.66E-09	2.46E-10	3.17E-09
802	SG_802	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.500	9.06E-09	1.79E-08	8.15E-08	5.67E-10	4.92E-12	2.31E-07	2.91E-09	9.07E-10	1.77E-17	4.71E-10	1.25E-12	8.78E-13	1.38E-11	8.59E-12	5.15E-11	8.15E-13	1.86E-11	2.54E-09	2.35E-10	3.02E-09
803	SG_803	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.500	8.72E-09	1.73E-08	7.95E-08	5.37E-10	4.73E-12	2.21E-07	2.80E-09	8.73E-10	1.71E-17	4.54E-10	1.20E-12	8.46E-13	1.33E-11	8.27E-12	4.95E-11	7.84E-13	1.79E-11	2.44E-09	2.26E-10	2.91E-09
804	SG_804	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.500	8.00E-09	1.59E-08	7.30E-08	4.91E-10	4.34E-12	1.94E-07	2.57E-09	8.02E-10	1.57E-17	4.16E-10	1.10E-12	7.76E-13	1.22E-11	7.59E-12	4.55E-11	7.20E-13	1.64E-11	2.24E-09	2.07E-10	2.67E-09
805	SG_805	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.500	7.77E-09	1.55E-08	7.16E-08	4.74E-10	4.22E-12	1.85E-07	2.49E-09	7.78E-10	1.52E-17	4.04E-10	1.07E-12	7.54E-13	1.18E-11	7.37E-12	4.41E-11	6.99E-13	1.59E-11	2.18E-09	2.01E-10	2.59E-09
806	SG_806	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.500	7.74E-09	1.55E-08	7.23E-08	4.70E-10	4.20E-12	1.84E-07	2.48E-09	7.75E-10	1.52E-17	4.03E-10	1.07E-12	7.52E-13	1.18E-11	7.34E-12	4.40E-11	6.96E-13	1.59E-11	2.17E-09	2.01E-10	2.58E-09
814	SG_814	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6369.700	1.23E-08	2.20E-08	9.60E-08	6.15E-10	6.48E-12	3.15E-07	3.83E-09	1.19E-09	2.34E-17	6.21E-10	1.65E-12	1.16E-12	1.82E-11	1.13E-11	6.78E-11	1.07E-12	2.45E-11	3.34E-09	3.09E-10	3.98E-09
815	SG_815	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6369.700	1.35E-08	2.37E-08	1.03E-07	7.13E-10	7.01E-12	3.63E-07	4.15E-09	1.29E-09	2.53E-17	6.72E-10	1.78E-12	1.26E-12	1.97E-11	1.23E-11	7.34E-11	1.16E-12	2.65E-11	3.62E-09	3.35E-10	4.31E-09
816	SG_816	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6369.700	1.47E-08	2.47E-08	1.07E-07	8.17E-10	7.43E-12	4.12E-07	4.39E-09	1.37E-09	2.68E-17	7.12E-10	1.89E-12	1.33E-12	2.08E-11	1.30E-11	7.77E-11	1.23E-12	2.81E-11	3.83E-09	3.55E-10	4.57E-09
817	SG_817	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6369.700	1.59E-08	2.57E-08	1.10E-07	9.42E-10	7.84E-12	4.67E-07	4.63E-09	1.45E-09	2.83E-17	7.51E-10	1.99E-12	1.40E-12	2.20E-11	1.37E-11	8.20E-11	1.30E-12	2.96E-11	4.04E-09	3.74E-10	4.82E-09
818	SG_818	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6369.700	1.63E-08	2.64E-08	1.11E-07	1.05E-09	8.09E-12	4.70E-07	4.79E-09	1.49E-09	2.92E-17	7.76E-10	2.06E-12	1.44E-12	2.27E-11	1.41E-11	8.47E-11	1.34E-12	3.06E-11	4.18E-09	3.87E-10	4.98E-09
821	SG_821	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.700	1.54E-08	2.79E-08	1.14E-07	1.16E-09	8.28E-12	3.73E-07	4.90E-09	1.53E-09	2.99E-17	7.94E-10	2.10E-12	1.47E-12	2.33E-11	1.45E-11	8.68E-11	1.37E-12	3.13E-11	4.28E-09	3.96E-10	5.10E-09
822	SG_822	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.700	1.42E-08	2.58E-08	1.05E-07	1.04E-09	7.66E-12	3.31E-07	4.53E-09	1.41E-09	2.77E-17	7.35E-10	1.95E-12	1.36E-12	2.15E-11	1.34E-11	8.02E-11	1.27E-12	2.90E-11	3.96E-09	3.66E-10	4.71E-09
823	SG_823	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.700	1.31E-08	2.39E-08	9.77E-08	9.28E-10	7.06E-12	3.09E-07	4.18E-09	1.30E-09	2.55E-17	6.78E-10	1.79E-12	1.26E-12	1.98E-11	1.24E-11	7.40E-11	1.17E-12	2.67E-11	3.65E-09	3.38E-10	4.35E-09
824	SG_824	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.700	1.22E-08	2.26E-08	9.32E-08	8.45E-10	6.61E-12	2.98E-07	3.91E-09	1.22E-09	2.39E-17	6.34E-10	1.68E-12	1.18E-12	1.86E-11	1.16E-11	6.92E-11	1.10E-12	2.50E-11	3.41E-09	3.16E-10	4.07E-09
825	SG_825	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.700	1.16E-08	2.17E-08	9.02E-08	7.89E-10	6.30E-12	2.83E-07	3.72E-09	1.16E-09	2.27E-17	6.04E-10	1.60E-12	1.12E-12	1.77E-11	1.10E-11	6.59E-11	1.04E-12	2.38E-11	3.25E-09	3.01E-10	3.87E-09
826	SG_826	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.700	1.16E-08	2.20E-08	9.27E-08	7.78E-10	6.30E-12	2.86E-07	3.73E-09	1.16E-09	2.28E-17	6.04E-10	1.60E-12	1.13E-12	1.77E-11	1.10E-11	6.60E-11	1.04E-12	2.38E-11	3.25E-09	3.01E-10	3.88E-09
827	SG_827	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.700	1.21E-08	2.33E-08	1.01E-07	8.05E-10	6.57E-12	3.07E-07	3.89E-09	1.21E-09	2.37E-17	6.30E-10	1.67E-12	1.18E-12	1.85E-11	1.15E-11	6.88E-11	1.09E-12	2.48E-11	3.39E-09	3.14E-10	4.04E-09
828	SG_828	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.700	1.21E-08	2.37E-08	1.04E-07	8.04E-10	6.60E-12	3.11E-07	3.90E-09	1.22E-09	2.38E-17	6.32E-10	1.68E-12	1.18E-12	1.85E-11	1.15E-11	6.90E-11	1.09E-12	2.49E-11	3.40E-09	3.15E-10	4.06E-09
829	SG_829	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.700	1.16E-08	2.27E-08	1.01E-07	7.65E-10	6.30E-12	2.97E-07	3.73E-09	1.16E-09	2.27E-17	6.04E-10	1.60E-12	1.13E-12	1.77E-11	1.10E-11	6.60E-11	1.04E-12	2.38E-11	3.25E-09	3.01E-10	3.88E-09
830	SG_830	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.700	1.06E-08	2.09E-08	9.27E-08	6.98E-10	5.77E-12	2.68E-07	3.41E-09	1.06E-09	2.08E-17	5.53E-10	1.47E-12	1.03E-12	1.62E-11	1.01E-11	6.04E-11	9.56E-13	2.18E-11	2.98E-09	2.75E-10	3.55E-09
831	SG_831	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.700	9.75E-09	1.92E-08	8.56E-08	6.38E-10	5.29E-12	2.44E-07	3.13E-09	9.77E-10	1.91E-17	5.07E-10	1.35E-12	9.45E-13	1.49E-11	9.25E-12	5.54E-11	8.77E-13	2.00E-11	2.73E-09	2.53E-10	3.26E-09
832	SG_832	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.700	8.85E-09	1.74E-08	7.79E-08	5.77E-10	4.81E-12	2.17E-07	2.84E-09	8.87E-10	1.73E-17	4.61E-10	1.22E-12	8.59E-13	1.35E-11	8.40E-12	5.03E-11	7.96E-13	1.82E-11	2.48E-09	2.29E-10	2.96E-09
833	SG_833	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.700	8.42E-09	1.66E-08	7.51E-08	5.41E-10	4.57E-12	2.07E-07	2.70E-09	8.43E-10	1.65E-17	4.38E-10	1.16E-12	8.17E-13	1.28E-11	7.99E-12	4.78E-11	7.57E-13	1.73E-11	2.36E-09	2.18E-10	2.81E-09
834	SG_834	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.700	7.91E-09	1.56E-08	7.12E-08	5.02E-10	4.29E-12	1.93E-07	2.54E-09	7.93E-10	1.55E-17	4.12E-10	1.09E-12	7.67E-13	1.21E-11	7.51E-12	4.50E-11	7.12E-13	1.62E-11	2.22E-09	2.05E-10	2.64E-09
835	SG_835	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.700	7.37E-09	1.46E-08	6.66E-08	4.64E-10	4.00E-12	1.75E-07	2.37E-09	7.38E-10	1.44E-17	3.83E-10	1.02E-12	7.15E-13	1.12E-11	6.99E-12	4.19E-11	6.63E-13	1.51E-11	2.06E-09	1.91E-10	2.46E-09
836	SG_836	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.700	7.04E-09	1.40E-08	6.42E-08	4.40E-10	3.82E-12	1.64E-07	2.26E-09	7.06E-10	1.38E-17	3.67E-10	9.72E-13	6.84E-13	1.07E-11	6.68E-12	4.00E-11	6.34E-13	1.45E-11	1.97E-09	1.83E-10	2.35E-09
837	SG_837	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.700	7.05E-09	1.40E-08	6.52E-08	4.35E-10	3.82E-12	1.64E-07	2.26E-09	7.06E-10	1.38E-17	3.67E-10	9.72E-13	6.84E-13	1.07E-11	6.69E-12	4.00E-11	6.34E-13	1.44E-11	1.97E-09	1.83E-10	2.35E-09
838	SG_838	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6369.900	6.18E-09	1.15E-08	5.14E-08	3.02E-10	3.34E-12	1.67E-07	1.98E-09	6.17E-10	1.21E-17	3.21E-10	8.49E-13	5.97E-13	9.39E-12	5.84E-12	3.50E-11	5.54E-13	1.26E-11	1.73E-09	1.60E-10	2.06E-09
839	SG_839	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6369.900	6.76E-09	1.25E-08	5.54E-08	3.22E-10	3.66E-12	1.71E-07	2.16E-09	6.75E-10	1.32E-17	3.51E-10	9.30E-13	6.53E-13	1.03E-11	6.39E-12	3.83E-11	6.06E-13	1.38E-11	1.89E-09	1.75E-10	2.25E-09
840	SG_840	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6369.900	7.20E-09	1.32E-08	5.76E-08	3.35E-10	3.89E-12	1.71E-07	2.30E-09	7.18E-10	1.41E-17	3.73E-10	9.90E-13	6.96E-13	1.09E-11	6.81E-12	4.08E-11	6.45E-13	1.47E-11	2.01E-09	1.86E-10	2.39E-09
841	SG_841	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6369.900	7.89E-09	1.45E-08	6.29E-08	3.65E-10	4.26E-12	1.84E-07	2.52E-09	7.86E-10	1.54E-17	4.08E-10	1.08E-12	7.62E-13	1.20E-11	7.45E-12	4.46E-11	7.06E-13	1.61E-11	2.20E-09	2.03E-10	2.62E-09
842	SG_842	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6369.900	8.70E-09	1.59E-08	6.95E-08	4.05E-10	4.69E-12	2.03E-07	2.77E-09	8.65E-10	1.69E-17	4.49E-10	1.19E-12	8.39E-13	1.32E-11	8.19E-12	4.90E-11	7.77E-13	1.77E-11	2.42E-09	2.24E-10	2.88E-09
843	SG_843	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6369.900	9.79E-09	1.80E-08	7.92E-08	4.67E-10	5.26E-12	2.35E-07	3.11E-09	9.70E-10	1.90E-17	5.04E-10	1.34E-12	9.41E-13	1.48E-11	9.19E-12	5.50E-11	8.71E-13	1.99E-11	2.71E-09	2.51E-10	3.23E-09
844	SG_844	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6369.900	1.06E-08	1.94E-08	8.52E-08	5.25E-10	5.66E-12	2.58E-07	3.35E-09	1.05E-09	2.04E-17	5.43E-10	1.44E-12	1.01E-12	1.59E-11	9.90E-12	5.93E-11	9.39E-13	2.14E-11	2.92E-09	2.70E-10	3.48E-09
845	SG_845	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6369.900	1.19E-08	2.16E-08	9.55E-08	6.18E-10	6.28E-12	3.02E-07	3.72E-09	1.16E-09	2.27E-17	6.02E-10	1.60E-12	1.12E-12	1.76E-11	1.10E-11	6.58E-11	1.04E-12	2.37E-11	3.24E-09	3.00E-10	3.86E-09
846	SG_846	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6369.900	1.30E-08	2.32E-08	1.02E-07	7.09E-10	6.76E-12	3.44E-07	4.00E-09	1.25E-09	2.44E-17	6.48E-10	1.72E-12	1.21E-12	1.90E-11	1.18E-11	7.08E-11	1.12E-12	2.56E-11	3.49E-09	3.23E-10	4.16E-09
847	SG_847	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6369.900	1.38E-08	2.34E-08	1.02E-07	7.82E-10	6.96E-12	3.81E-07	4.11E-09	1.28E-09	2.51E-17	6.67E-10	1.77E-12	1.24E-12	1.95E-11	1.22E-11	7.28E-11	1.15E-12	2.63E-11	3.59E-09	3.32E-10	4.28E-09
848	SG_848	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6369.900	1.42E-08	2.27E-08	9.78E-08	8.44E-10	6.93E-12	4.10E-07	4.10E-09	1.28E-09	2.50E-17	6.64E-10	1.76E-12	1.24E-12	1.94E-11	1.21E-11	7.25E-11	1.15E-12	2.62E-11	3.58E-09	3.31E-10	4.26E-09
849	SG_849	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6369.900	1.42E-08	2.23E-08	9.41E-08	9.03E-10	6.88E-12	4.10E-07	4.07E-09	1.27E-09	2.48E-17	6.60E-10	1.75E-12	1.23E-12	1.93E-11	1.20E-11	7.20E-11	1.14E-12	2.60E-11	3.55E-09	3.29E-10	4.23E-09
852	SG_852	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.900	1.29E-08	2.34E-08	9.60E-08	9.54E-10	6.92E-12	3.10E-07	4.10E-09	1.28E-09	2.50E-17	6.64E-10	1.76E-12	1.23E-12	1.94E-11	1.21E-11	7.25E-11	1.15E-12	2.62E-11	3.58E-09	3.31E-10	4.26E-09
853	SG_853	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.900	1.20E-08	2.19E-08	8.95E-08	8.70E-10	6.47E-12	2.77E-07	3.83E-09	1.19E-09	2.34E-17	6.21E-10	1.64E-12	1.15E-12	1.82E-11	1.13E-11	6.78E-11	1.07E-12	2.45E-11	3.34E-09	3.09E-10	3.98E-09
854	SG_854	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.900	1.15E-08	2.11E-08	8.76E-08	8.09E-10	6.20E-12	2.75E-07	3.67E-09	1.14E-09	2.24E-17	5.95E-10	1.57E-12	1.10E-12	1.74E-11	1.08E-11	6.49E-11	1.03E-12	2.34E-11	3.20E-09	2.96E-10	3.82E-09
855	SG_855	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.900	1.08E-08	2.02E-08	8.45E-08	7.52E-10	5.88E-12	2.68E-07	3.48E-09	1.09E-09	2.12E-17	5.64E-10	1.49E-12	1.05E-12	1.65E-11	1.03E-11	6.16E-11	9.74E-13	2.22E-11	3.04E-09	2.81E-10	3.62E-09
856	SG_856	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.900	1.03E-08	1.93E-08	8.09E-08	7.07E-10	5.58E-12	2.51E-07	3.30E-09	1.03E-09	2.02E-17	5.35E-10	1.42E-12	9.96E-13	1.57E-11	9.76E-12	5.84E-11	9.25E-13	2.11E-11	2.88E-09	2.67E-10	3.43E-09
857	SG_857	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.900	1.02E-08	1.93E-08	8.19E-08	6.94E-10	5.55E-12	2.49E-07	3.28E-09	1.02E-09	2.00E-17	5.32E-10	1.41E-12	9.92E-13	1.56E-11	9.70E-12	5.80E-11	9.19E-13	2.10E-11	2.86E-09	2.65E-10	3.41E-09
858	SG_858	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.900	1.06E-08	2.04E-08	8.82E-08	7.15E-10	5.78E-12	2.65E-07	3.42E-09	1.07E-09	2.09E-17	5.54E-10	1.47E-12	1.03E-12	1.62E-11	1.01E-11	6.05E-11	9.57E-13	2.18E-11	2.98E-09	2.76E-10	3.55E-09
859	SG_859	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.900	1.09E-08	2.11E-08	9.26E-08	7.27E-10	5.90E-12	2.73E-07	3.49E-09	1.09E-09	2.13E-17	5.66E-10	1.50E-12	1.06E-12	1.66E-11	1.03E-11	6.18E-11	9.78E-13	2.23E-11	3.05E-09	2.82E-10	3.63E-09
860	SG_860	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.900	1.06E-08	2.08E-08	9.17E-08	7.06E-10	5.76E-12	2.64E-07	3.40E-09	1.06E-09	2.08E-17	5.52E-10	1.46E-12	1.03E-12	1.62E-11	1.01E-11	6.02E-11	9.54E-13	2.18E-11	2.97E-09	2.75E-10	3.54E-09
861	SG_861	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.900	1.00E-08	1.96E-08	8.74E-08	6.63E-10	5.43E-12	2.46E-07	3.21E-09	1.00E-09	1.96E-17	5.20E-10	1.38E-12	9.69E-13	1.52E-11	9.49E-12	5.68E-11	9.00E-13	2.05E-11	2.80E-09	2.59E-10	3.34E-09
862	SG_862	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.900	9.22E-09	1.81E-08	8.10E-08	6.10E-10	5.01E-12	2.24E-07	2.96E-09	9.24E-10	1.81E-17	4.80E-10	1.27E-12	8.94E-13	1.41E-11	8.75E-12	5.24E-11	8.30E-13	1.89E-11	2.58E-09	2.39E-10	3.08E-09
863	SG_863	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.900	8.53E-09	1.68E-08	7.54E-08	5.62E-10	4.63E-12	2.06E-07	2.74E-09	8.55E-10	1.67E-17	4.44E-10	1.18E-12	8.28E-13	1.30E-11	8.10E-12	4.85E-11	7.68E-13	1.75E-11	2.39E-09	2.21E-10	2.85E-09
864	SG_864	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.900	7.99E-09	1.57E-08	7.10E-08	5.23E-10	4.33E-12	1.92E-07	2.56E-09	8.00E-10	1.56E-17	4.16E-10	1.10E-12	7.75E-13	1.22E-11	7.58E-12	4.54E-11	7.18E-13	1.64E-11	2.24E-09	2.07E-10	2.67E-09
865	SG_865	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.900	7.36E-09	1.45E-08	6.57E-08	4.80E-10	4.00E-12	1.74E-07	2.36E-09	7.38E-10	1.44E-17	3.83E-10	1.02E-12	7.15E-13	1.12E-11	6.99E-12	4.18E-11	6.62E-13	1.51E-11	2.06E-09	1.91E-10	2.46E-09

AQIA DATA - SCENARIO 1 COMMERCIAL

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
866	SG_866	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.900	6.88E-09	1.36E-08	6.17E-08	4.44E-10	3.73E-12	1.59E-07	2.21E-09	6.89E-10	1.35E-17	3.58E-10	9.49E-13	6.67E-13	1.05E-11	6.52E-12	3.91E-11	6.19E-13	1.41E-11	1.93E-09	1.78E-10	2.30E-09
867	SG_867	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.900	6.61E-09	1.31E-08	5.99E-08	4.22E-10	3.59E-12	1.52E-07	2.12E-09	6.62E-10	1.30E-17	3.44E-10	9.12E-13	6.41E-13	1.01E-11	6.27E-12	3.76E-11	5.95E-13	1.36E-11	1.85E-09	1.71E-10	2.21E-09
868	SG_868	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.900	6.29E-09	1.25E-08	5.73E-08	3.99E-10	3.41E-12	1.42E-07	2.02E-09	6.30E-10	1.23E-17	3.27E-10	8.68E-13	6.10E-13	9.58E-12	5.97E-12	3.57E-11	5.66E-13	1.29E-11	1.76E-09	1.63E-10	2.10E-09
869	SG_869	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6370.100	6.03E-09	1.12E-08	5.04E-08	2.94E-10	3.26E-12	1.54E-07	1.93E-09	6.02E-10	1.18E-17	3.13E-10	8.30E-13	5.83E-13	9.17E-12	5.71E-12	3.42E-11	5.41E-13	1.23E-11	1.69E-09	1.56E-10	2.01E-09
870	SG_870	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6370.100	6.57E-09	1.22E-08	5.42E-08	3.12E-10	3.55E-12	1.58E-07	2.10E-09	6.56E-10	1.28E-17	3.41E-10	9.04E-13	6.35E-13	9.98E-12	6.21E-12	3.72E-11	5.89E-13	1.34E-11	1.83E-09	1.70E-10	2.19E-09
871	SG_871	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6370.100	7.16E-09	1.32E-08	5.86E-08	3.35E-10	3.87E-12	1.66E-07	2.29E-09	7.14E-10	1.40E-17	3.71E-10	9.84E-13	6.92E-13	1.09E-11	6.76E-12	4.05E-11	6.41E-13	1.46E-11	2.00E-09	1.85E-10	2.38E-09
872	SG_872	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6370.100	7.81E-09	1.44E-08	6.37E-08	3.65E-10	4.21E-12	1.79E-07	2.49E-09	7.77E-10	1.52E-17	4.04E-10	1.07E-12	7.54E-13	1.18E-11	7.37E-12	4.41E-11	6.98E-13	1.59E-11	2.17E-09	2.01E-10	2.59E-09
873	SG_873	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6370.100	8.58E-09	1.58E-08	7.01E-08	4.06E-10	4.61E-12	1.99E-07	2.72E-09	8.50E-10	1.66E-17	4.42E-10	1.17E-12	8.24E-13	1.29E-11	8.06E-12	4.82E-11	7.64E-13	1.74E-11	2.38E-09	2.20E-10	2.83E-09
874	SG_874	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6370.100	9.39E-09	1.73E-08	7.68E-08	4.58E-10	5.02E-12	2.24E-07	2.97E-09	9.26E-10	1.81E-17	4.81E-10	1.28E-12	8.98E-13	1.41E-11	8.78E-12	5.25E-11	8.32E-13	1.90E-11	2.59E-09	2.40E-10	3.09E-09
875	SG_875	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6370.100	1.03E-08	1.88E-08	8.38E-08	5.24E-10	5.46E-12	2.53E-07	3.23E-09	1.01E-09	1.97E-17	5.23E-10	1.39E-12	9.76E-13	1.53E-11	9.54E-12	5.71E-11	9.04E-13	2.06E-11	2.82E-09	2.61E-10	3.36E-09
876	SG_876	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6370.100	1.13E-08	2.07E-08	9.25E-08	6.09E-10	5.98E-12	2.92E-07	3.54E-09	1.10E-09	2.16E-17	5.73E-10	1.52E-12	1.07E-12	1.68E-11	1.05E-11	6.26E-11	9.91E-13	2.26E-11	3.09E-09	2.86E-10	3.68E-09
877	SG_877	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6370.100	1.22E-08	2.17E-08	9.72E-08	6.84E-10	6.33E-12	3.26E-07	3.74E-09	1.17E-09	2.28E-17	6.07E-10	1.61E-12	1.13E-12	1.78E-11	1.11E-11	6.62E-11	1.05E-12	2.39E-11	3.27E-09	3.02E-10	3.89E-09
878	SG_878	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6370.100	1.27E-08	2.17E-08	9.62E-08	7.40E-10	6.42E-12	3.55E-07	3.79E-09	1.18E-09	2.32E-17	6.15E-10	1.63E-12	1.15E-12	1.80E-11	1.12E-11	6.72E-11	1.06E-12	2.42E-11	3.31E-09	3.06E-10	3.95E-09
879	SG_879	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6370.100	1.27E-08	2.03E-08	8.83E-08	7.69E-10	6.18E-12	3.65E-07	3.66E-09	1.14E-09	2.23E-17	5.93E-10	1.57E-12	1.10E-12	1.74E-11	1.08E-11	6.47E-11	1.02E-12	2.34E-11	3.19E-09	2.95E-10	3.80E-09
880	SG_880	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6370.100	1.24E-08	1.95E-08	8.28E-08	7.95E-10	6.00E-12	3.52E-07	3.55E-09	1.11E-09	2.17E-17	5.75E-10	1.52E-12	1.07E-12	1.68E-11	1.05E-11	6.28E-11	9.94E-13	2.27E-11	3.10E-09	2.87E-10	3.69E-09
885	SG_885	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6370.100	9.59E-09	1.76E-08	7.25E-08	6.79E-10	5.19E-12	2.18E-07	3.07E-09	9.58E-10	1.87E-17	4.97E-10	1.32E-12	9.24E-13	1.46E-11	9.07E-12	5.43E-11	8.60E-13	1.96E-11	2.68E-09	2.48E-10	3.19E-09
886	SG_886	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6370.100	9.23E-09	1.71E-08	7.13E-08	6.47E-10	5.00E-12	2.17E-07	2.96E-09	9.23E-10	1.81E-17	4.79E-10	1.27E-12	8.91E-13	1.40E-11	8.74E-12	5.23E-11	8.29E-13	1.89E-11	2.58E-09	2.39E-10	3.08E-09
887	SG_887	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6370.100	9.02E-09	1.69E-08	7.11E-08	6.27E-10	4.89E-12	2.16E-07	2.90E-09	9.03E-10	1.77E-17	4.69E-10	1.24E-12	8.73E-13	1.37E-11	8.56E-12	5.12E-11	8.11E-13	1.85E-11	2.53E-09	2.34E-10	3.01E-09
888	SG_888	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6370.100	9.08E-09	1.72E-08	7.32E-08	6.24E-10	4.93E-12	2.19E-07	2.92E-09	9.10E-10	1.78E-17	4.73E-10	1.25E-12	8.82E-13	1.38E-11	8.62E-12	5.16E-11	8.17E-13	1.86E-11	2.54E-09	2.35E-10	3.03E-09
889	SG_889	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6370.100	9.27E-09	1.77E-08	7.64E-08	6.32E-10	5.03E-12	2.24E-07	2.97E-09	9.28E-10	1.82E-17	4.82E-10	1.28E-12	9.01E-13	1.41E-11	8.80E-12	5.26E-11	8.34E-13	1.90E-11	2.60E-09	2.40E-10	3.09E-09
890	SG_890	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6370.100	9.56E-09	1.85E-08	8.09E-08	6.48E-10	5.19E-12	2.33E-07	3.07E-09	9.58E-10	1.87E-17	4.98E-10	1.32E-12	9.30E-13	1.46E-11	9.08E-12	5.43E-11	8.60E-13	1.96E-11	2.68E-09	2.48E-10	3.19E-09
891	SG_891	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6370.100	9.64E-09	1.88E-08	8.33E-08	6.49E-10	5.23E-12	2.35E-07	3.09E-09	9.66E-10	1.89E-17	5.02E-10	1.33E-12	9.36E-13	1.47E-11	9.15E-12	5.48E-11	8.67E-13	1.98E-11	2.70E-09	2.50E-10	3.22E-09
892	SG_892	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6370.100	9.35E-09	1.84E-08	8.18E-08	6.26E-10	5.07E-12	2.26E-07	3.00E-09	9.36E-10	1.83E-17	4.86E-10	1.29E-12	9.07E-13	1.42E-11	8.87E-12	5.31E-11	8.41E-13	1.92E-11	2.62E-09	2.42E-10	3.12E-09
893	SG_893	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6370.100	8.75E-09	1.72E-08	7.70E-08	5.85E-10	4.75E-12	2.09E-07	2.81E-09	8.76E-10	1.71E-17	4.55E-10	1.21E-12	8.48E-13	1.33E-11	8.30E-12	4.97E-11	7.87E-13	1.80E-11	2.45E-09	2.27E-10	2.92E-09
894	SG_894	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6370.100	8.31E-09	1.64E-08	7.38E-08	5.52E-10	4.51E-12	1.98E-07	2.67E-09	8.32E-10	1.63E-17	4.32E-10	1.15E-12	8.06E-13	1.27E-11	7.88E-12	4.72E-11	7.47E-13	1.70E-11	2.33E-09	2.15E-10	2.77E-09
895	SG_895	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6370.100	7.58E-09	1.49E-08	6.73E-08	5.04E-10	4.11E-12	1.77E-07	2.43E-09	7.59E-10	1.49E-17	3.94E-10	1.05E-12	7.36E-13	1.15E-11	7.19E-12	4.31E-11	6.82E-13	1.55E-11	2.12E-09	1.96E-10	2.53E-09
896	SG_896	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6370.100	6.88E-09	1.35E-08	6.09E-08	4.58E-10	3.73E-12	1.57E-07	2.21E-09	6.89E-10	1.35E-17	3.58E-10	9.49E-13	6.68E-13	1.05E-11	6.53E-12	3.91E-11	6.19E-13	1.41E-11	1.93E-09	1.78E-10	2.30E-09
897	SG_897	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6370.100	6.41E-09	1.26E-08	5.70E-08	4.24E-10	3.48E-12	1.44E-07	2.06E-09	6.42E-10	1.26E-17	3.33E-10	8.84E-13	6.22E-13	9.76E-12	6.08E-12	3.64E-11	5.76E-13	1.31E-11	1.79E-09	1.66E-10	2.14E-09
898	SG_898	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6370.100	6.03E-09	1.19E-08	5.39E-08	3.96E-10	3.27E-12	1.33E-07	1.93E-09	6.04E-10	1.18E-17	3.14E-10	8.32E-13	5.85E-13	9.18E-12	5.72E-12	3.42E-11	5.42E-13	1.24E-11	1.69E-09	1.56E-10	2.01E-09
899	SG_899	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6370.100	5.83E-09	1.15E-08	5.27E-08	3.80E-10	3.16E-12	1.28E-07	1.87E-09	5.84E-10	1.14E-17	3.03E-10	8.05E-13	5.66E-13	8.88E-12	5.53E-12	3.31E-11	5.24E-13	1.20E-11	1.63E-09	1.51E-10	1.95E-09
900	SG_900	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6370.300	5.90E-09	1.10E-08	4.98E-08	2.87E-10	3.19E-12	1.44E-07	1.89E-09	5.89E-10	1.15E-17	3.06E-10	8.12E-13	5.71E-13	8.97E-12	5.58E-12	3.34E-11	5.29E-13	1.21E-11	1.65E-09	1.53E-10	1.96E-09
901	SG_901	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6370.300	6.53E-09	1.22E-08	5.50E-08	3.11E-10	3.53E-12	1.53E-07	2.09E-09	6.52E-10	1.28E-17	3.39E-10	8.98E-13	6.31E-13	9.92E-12	6.18E-12	3.70E-11	5.85E-13	1.34E-11	1.82E-09	1.69E-10	2.17E-09
902	SG_902	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6370.300	7.12E-09	1.33E-08	5.97E-08	3.36E-10	3.84E-12	1.63E-07	2.27E-09	7.09E-10	1.39E-17	3.69E-10	9.77E-13	6.87E-13	1.08E-11	6.72E-12	4.02E-11	6.37E-13	1.45E-11	1.98E-09	1.84E-10	2.36E-09
903	SG_903	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6370.300	7.67E-09	1.42E-08	6.39E-08	3.62E-10	4.12E-12	1.76E-07	2.44E-09	7.61E-10	1.49E-17	3.95E-10	1.05E-12	7.37E-13	1.16E-11	7.21E-12	4.32E-11	6.83E-13	1.56E-11	2.13E-09	1.97E-10	2.54E-09
904	SG_904	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6370.300	8.34E-09	1.53E-08	6.91E-08	4.01E-10	4.45E-12	1.97E-07	2.63E-09	8.21E-10	1.61E-17	4.27E-10	1.13E-12	7.95E-13	1.25E-11	7.78E-12	4.66E-11	7.37E-13	1.68E-11	2.30E-09	2.12E-10	2.74E-09
905	SG_905	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6370.300	9.02E-09	1.64E-08	7.40E-08	4.48E-10	4.77E-12	2.21E-07	2.82E-09	8.80E-10	1.72E-17	4.57E-10	1.21E-12	8.52E-13	1.34E-11	8.33E-12	4.99E-11	7.90E-13	1.80E-11	2.46E-09	2.28E-10	2.93E-09
906	SG_906	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6370.300	9.77E-09	1.76E-08	7.95E-08	5.11E-10	5.12E-12	2.48E-07	3.03E-09	9.45E-10	1.85E-17	4.91E-10	1.30E-12	9.15E-13	1.44E-11	8.95E-12	5.36E-11	8.49E-13	1.94E-11	2.64E-09	2.45E-10	3.15E-09
907	SG_907	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6370.300	1.06E-08	1.90E-08	8.56E-08	5.83E-10	5.51E-12	2.78E-07	3.26E-09	1.02E-09	1.99E-17	5.28E-10	1.40E-12	9.85E-13	1.55E-11	9.63E-12	5.77E-11	9.13E-13	2.08E-11	2.84E-09	2.63E-10	3.39E-09
908	SG_908	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6370.300	1.12E-08	1.98E-08	8.90E-08	6.47E-10	5.77E-12	3.03E-07	3.41E-09	1.07E-09	2.08E-17	5.53E-10	1.47E-12	1.03E-12	1.62E-11	1.01E-11	6.04E-11	9.56E-13	2.18E-11	2.98E-09	2.76E-10	3.55E-09
909	SG_909	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6370.300	1.15E-08	1.96E-08	8.74E-08	6.92E-10	5.80E-12	3.20E-07	3.43E-09	1.07E-09	2.09E-17	5.56E-10	1.47E-12	1.04E-12	1.63E-11	1.01E-11	6.07E-11	9.61E-13	2.19E-11	2.99E-09	2.77E-10	3.57E-09
910	SG_910	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6370.300	1.15E-08	1.86E-08	8.18E-08	7.19E-10	5.63E-12	3.25E-07	3.33E-09	1.04E-09	2.03E-17	5.40E-10	1.43E-12	1.01E-12	1.58E-11	9.84E-12	5.90E-11	9.33E-13	2.13E-11	2.91E-09	2.69E-10	3.46E-09
917	SG_917	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6370.300	8.06E-09	1.49E-08	6.23E-08	5.68E-10	4.37E-12	1.84E-07	2.58E-09	8.06E-10	1.58E-17	4.19E-10	1.11E-12	7.78E-13	1.23E-11	7.64E-12	4.57E-11	7.24E-13	1.65E-11	2.26E-09	2.09E-10	2.69E-09
918	SG_918	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6370.300	7.84E-09	1.46E-08	6.14E-08	5.52E-10	4.25E-12	1.80E-07	2.51E-09	7.85E-10	1.54E-17	4.08E-10	1.08E-12	7.58E-13	1.19E-11	7.43E-12	4.45E-11	7.05E-13	1.61E-11	2.19E-09	2.03E-10	2.62E-09
919	SG_919	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6370.300	8.00E-09	1.51E-08	6.43E-08	5.58E-10	4.34E-12	1.88E-07	2.57E-09	8.01E-10	1.57E-17	4.16E-10	1.10E-12	7.76E-13	1.22E-11	7.59E-12	4.54E-11	7.19E-13	1.64E-11	2.24E-09	2.07E-10	2.67E-09
920	SG_920	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6370.300	8.26E-09	1.58E-08	6.80E-08	5.71E-10	4.48E-12	1.97E-07	2.65E-09	8.27E-10	1.62E-17	4.30E-10	1.14E-12	8.03E-13	1.26E-11	7.84E-12	4.69E-11	7.43E-13	1.69E-11	2.31E-09	2.14E-10	2.76E-09
921	SG_921	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6370.300	8.55E-09	1.65E-08	7.22E-08	5.87E-10	4.64E-12	2.05E-07	2.74E-09	8.57E-10	1.68E-17	4.45E-10	1.18E-12	8.32E-13	1.30E-11	8.12E-12	4.86E-11	7.69E-13	1.75E-11	2.40E-09	2.22E-10	2.85E-09
922	SG_922	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6370.300	8.64E-09	1.68E-08	7.42E-08	5.90E-10	4.69E-12	2.05E-07	2.77E-09	8.65E-10	1.69E-17	4.49E-10	1.19E-12	8.40E-13	1.32E-11	8.20E-12	4.91E-11	7.77E-13	1.77E-11	2.42E-09	2.24E-10	2.88E-09
923	SG_923	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6370.300	8.36E-09	1.64E-08	7.25E-08	5.69E-10	4.54E-12	1.95E-07	2.68E-09	8.37E-10	1.64E-17	4.35E-10	1.15E-12	8.12E-13	1.27E-11	7.93E-12	4.75E-11	7.52E-13	1.71E-11	2.34E-09	2.17E-10	2.79E-09
924	SG_924	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6370.300	7.94E-09	1.56E-08	6.93E-08	5.39E-10	4.31E-12	1.82E-07	2.55E-09	7.95E-10	1.56E-17	4.13E-10	1.10E-12	7.70E-13	1.21E-11	7.53E-12	4.51E-11	7.14E-13	1.63E-11	2.22E-09	2.06E-10	2.65E-09
925	SG_925	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6370.300	7.63E-09	1.50E-08	6.73E-08	5.15E-10	4.14E-12	1.75E-07	2.45E-09	7.65E-10	1.50E-17	3.97E-10	1.05E-12	7.40E-13	1.16E-11	7.24E-12	4.34E-11	6.87E-13	1.57E-11	2.14E-09	1.98E-10	2.55E-09
926	SG_926	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6370.300	7.25E-09	1.43E-08	6.45E-08	4.88E-10	3.94E-12	1.66E-07	2.33E-09	7.27E-10	1.42E-17	3.77E-10	1.00E-12	7.04E-13	1.11E-11	6.88E-12	4.12E-11	6.53E-13	1.49E-11	2.03E-09	1.88E-10	2.42E-09
927	SG_927	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6370.300	6.59E-09	1.30E-08	5.84E-08	4.44E-10	3.58E-12	1.47E-07	2.11E-09	6.60E-10	1.29E-17	3.43E-10	9.09E-13	6.40E-13	1.00E-11	6.25E-12	3.74E-11	5.93E-13	1.35E-11	1.85E-09	1.71E-10	2.20E-09
928	SG_928	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6370.300	6.24E-09	1.23E-08	5.56E-08	4.19E-10	3.38E-12	1.39E-07	2.00E-09	6.24E-10	1.22E-17	3.24E-10	8.61E-13	6.06E-13	9.50E-12	5.92E-12	3.54E-11	5.61E-13	1.28E-11	1.75E-09	1.62E-10	2.08E-09
929	SG_929	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6370.300	5.83E-09	1.15E-08	5.21E-08	3.90E-10	3.16E-12	1.28E-07	1.87E-09	5.84E-10	1.14E-17	3.03E-10	8.05E-13	5.66E-13	8.88E-12	5.53E-12	3.31E-11	5.24E-13	1.20E-11	1.63E-09	1.51E-10	1.95E-09
930	SG_930	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6370.300	5.55E-09	1.10E-08	5.00E-08	3.69E-10	3.01E-12	1.20E-07	1.78E-09	5.56E-10	1.09E-17	2.89E-10	7.66E-13	5.39E-13	8.46E-12	5.27E-12	3.15E-11	4.99E-13	1.14E-11	1.55E-09	1.44E-10	1.85E-09
931	SG_931	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6370.500	5.99E-09	1.13E-08	5.20E-08	2.92E-10	3.24E-12	1.44E-07	1.92E-09	5.98E-10	1.17E-17	3.11E-10	8.24E-13	5.79E-13	9.10E-12	5.67E-12	3.39E-11	5.37E-13	1.23E-11	1.67E-09	1.55E-10	1.99E-09
932	SG_932	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6370.500	6.59E-09	1.24E-08	5.71E-08	3.16E-10	3.56E-12	1.54E-07	2.11E-09	6.58E-10	1.29E-17	3.42E-10	9.06E-13	6.37E-13	1.00E-11	6.23E-12	3.73E-11	5.91E-13	1.35E-11	1.84E-09	1.70E-10	2.19E-09
933	SG_933	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6370.500	7.10E-09	1.33E-08	6.10E-08	3.37E-10	3.82E-12	1.64E-07	2.26E-09	7.05E-10	1.38E-17	3.66E-10	9.71E-13	6.83E-13	1.07E-11	6.68E-12	4.00E-11	6.33E-13	1.44E-11	1.97E-09	1.82E-10	2.35E-09
934	SG_934	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6370.500	7.53E-09	1.39E-08	6.38E-08	3.60E-10	4.02E-12	1.76E-07	2.38E-09	7.42E-10	1.45E-17	3.86E-10	1.02E-12	7.19E-13	1.13E-11	7.03E-12	4.21E-11	6.66E-13	1.52E-11	2.08E-09	1.92E-10	2.47E-09
935	SG_935	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6370.500	7.95E-09	1.44E-08	6.57E-08	3.88E-10	4.19E-12	1.91E-07	2.48E-09	7.73E-10	1.51E-17	4.01E-10	1.06E-12	7.48E-13	1.18E-11	7.32E-12	4.38E-11	6.94E-13	1.58E-11	2.16E-09	2.00E-10	2.57E-09
936	SG_936	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6370.500	8.52E-09	1.51E-08	6.86E-08	4.32E-10	4.41E-12	2.16E-07	2.61E-09	8.14E-10	1.59E-17	4.23E-10	1.12E-12	7.88E-13	1.24E-11	7.71E-12	4.62E-11	7.31E-13	1.67E-11	2.28E-09	2.11E-10	2.71E-09
937	SG_937	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6370.500	9.17E-09	1.60E-08	7.24E-08	4.89E-10	4.69E-12	2.42E-07	2.77E-09	8.65E-10	1.69E-17	4.49E-10	1.19E-12	8.37E-13	1.32E-11	8.19E-12	4.91E-11	7.77E-13	1.77E-11	2.42E-09	2.24E-10	2.88E-09
938	SG_938	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6370.500	9.84E-09	1.71E-08	7.75E-08	5.54E-10	5.01E-12	2.66E-07	2.96E-09	9.25E-10	1.81E-17	4.80E-10	1.27E-12	8.95E-13	1.41E-11	8.76E-12	5.25E-11	8.30E-13	1.89E-11	2.59E-09	2.39E-10	3.08E-09
939	SG_939	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6370.500	1.07E-08	1.86E-08	8.48E-08	6.31E-10	5.43E-12	2.95E-07	3.21E-09	1.00E-09	1.96E-17	5.20E-10	1.38E-12	9.69E-13	1.52E-11	9.49E-12	5.68E-11	9.00E-13	2.05E-11	2.80E-09	2.59E-10	3.34E-09
940	SG_940	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6370.500	1.09E-08	1.88E-08	8.48E-08	6.78E-10	5.51E-12	3.00E-07	3.26E-09	1.02E-09	1.99E-17	5.29E-10	1.40E-12	9.83E-13	1.55E-11	9.64E-12	5.77E-11	9.14E-13	2.08E-11	2.85E-09	2.63E-10	3.39E-09
949	SG_949	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6370.500	7.10E-09	1.33E-08	5.60E-08	5.02E-10	3.85E-12	1.61E-07	2.28E-09	7.10E-10	1.39E-17	3.69E-10	9.77E-13	6.86E-13	1.08E-11	6.72E-12	4.03E-11	6.38E-13	1.45E-11	1.99E-09	1.84E-10	2.37E-09
950	SG_950	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6370.500	7.16E-09	1.35E-08	5.77E-08	5.06E-10	3.89E-12	1.65E-07	2.30E-09	7.17E-10	1.40E-17	3.73E-10	9.88E-13	6.94E-13	1.09E-11	6.79E-12	4.07E-11	6.44E-13	1.47E-11	2.01E-09	1.86E-10	2.39E-09
951	SG_951	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6370.500	7.26E-09	1.38E-08	5.94E-08	5.11E-10	3.94E-12	1.68E-07	2.33E-09	7.27E-10	1.42E-17	3.78E-10	1.00E-12	7.05E-13	1.11E-11	6.89E-12	4.12E-11	6.53E-13	1.49E-11	2.03E-09	1.88E-10	2.42E-09
952	SG_952	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6370.500	7.49E-09	1.44E-08	6.26E-08	5.24E-10	4.07E-12	1.73E-07	2.40E-09	7.50E-10	1.47E-17	3.90E-10	1.03E-12	7.29E-13	1.14E-11	7.11E-12	4.25E-11	6.74E-13	1.54E-11	2.10E-09	1.94E-10	2.50E-09
953	SG_953	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6370.500	7.80E-09	1.52E-08	6.69E-08	5.40E-10	4.24E-12	1.82E-07	2.50E-09	7.81E-10	1.53E-17	4.06E-10	1.08E-12	7.59E-13	1.19E-11	7.41E-12	4.43E-11	7.02E-13	1.60E-11	2.19E-09	2.02E-10	2.60E-09
954	SG_954	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6370.500	7.79E-09	1.53E-08	6.78E-08	5.37E-10	4.23E-12	1.80E-07	2.50E-09	7.81E-10	1.53E-17	4.06E-10	1.08E-12	7.58E-13	1.19E-11	7.40E-12	4.43E-11	7.01E-13	1.60E-11	2.18E-09	2.02E-10	2.60E-09
955	SG_955	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6370.500	7.47E-09	1.47E-08	6.53E-08	5.13E-10	4.05E-12	1.69E-07	2.40E-09	7.48E-10	1.46E-17	3.89E-10	1.03E-12	7.25E-13	1.14E-11	7.09E-12	4.24E-11	6.72E-13	1.53E-11	2.09E-09	1.94E-10	2.49E-09
956	SG_956	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6370.500	7.16E-09	1.41E-08	6.30E-08	4.89E-10	3.88E-12	1.60E-07	2.30E-09	7.17E-10	1.40E-17	3.72E-10	9.87E-13	6.94E-13	1.09E-11	6.79E-12	4.06E-11	6.44E-13	1.47E-11	2.00E-09	1.85E-10	2.39E-09
957	SG_957	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6370.500	6.82E-09	1.34E-08	6.05E-08	4.65E-10	3.70E-12	1.52E-07	2.19E-09	6.83E-10	1.34E-17	3.55E-10	9.41E-13	6.62E-13	1.04E-11	6.47E-12	3.88E-11	6.14E-13	1.40E-11	1.91E-09	1.77E-10	2.28E-09
1012	SR_51	Sensitive Receptor	Commercial	Offsite	380.025	6370.050	9.72E-09	1.80E-08	7.46E-08	6.83E-10	5.27E-12	2.28E-07	3.12E-09	9.72E-10	1.90E-17	5.05E-10	1.34E-12	9.38E-13	1.48E-11	9.21E-12	5.51E-11	8.73E-13	1.99E-11	2.72E-09	2.52E-10	3.24E-09
1013	SR_52	Sensitive Receptor	Commercial	Offsite	379.877	6369.978	1.08E-08	1.98E-08	8.19E-08	7.62E-10	5.82E-12	2.52E-07	3.44E-09	1.07E-09	2.10E-17	5.58E-10	1.48E-12	1.04E-12	1.64E-11	1.02E-11	6.10E-11	9.65E-13	2.20E-11	3.01E-09	2.78E-10	3.58E-09
1014	SR_53	Sensitive Receptor	Commercial	Offsite	380.968	6368.921	1.56E-08	3.03E-08	1.31E-07	1.04E-09	8.47E-12	4.66E-07	5.01E-09	1.56E-09	3.06E-17	8.12E-10	2.15E-12	1.51E-12	2.38E-11	1.48E-11	8.87E-11	1.40E-12	3.20E-11	4.37E-09	4.05E-10	5.21E-09
1015	SR_54	Sensitive Receptor	Commercial	Offsite	381.099	6368.904	1.39E-08	2.71E-08	1.17E-07	9.36E-10	7.57E-12	4.23E-07	4.48E-09	1.40E-09	2.73E-17	7.26E-10	1.92E-12	1.35E-12	2.13E-11	1.32E-11	7.93E-11	1.25E-12	2.86E-11	3.91E-09	3.62E-10	4.66E-09
1016	SR_55	Sensitive Receptor	Commercial	Offsite	381.221	6368.883	1.29E-08	2.51E-08	1.09E-07	8.61E-10	7.02E-12	3.92E-07	4.15E-09	1.30E-09	2.53E-17	6.73E-10	1.78E-12	1.25E-12	1.97E-11	1.23E-11	7.35E-11	1.16E-12	2.65E-11	3.62E-09	3.35E-10	4.32E-09
1017	SR_56	Sensitive Receptor	Commercial	Offsite	380.947	6368.811	1.66E-08	3.21E-08	1.39E-07	1.07E-09	8.98E-12	4.97E-07	5.31E-09	1.66E-09	3.24E-17	8.61E-10	2.28E-12	1.60E-12	2.52E-11	1.57E-11	9.41E-11	1.49E-12	3.40E-11	4.64E-09	4.29E-10	5.53E-09
1018	SR_57	Sensitive Receptor	Commercial	Offsite	381.082	6368.798	1.48E-08	2.86E-08	1.24E-07	9.66E-10	8.01E-12	4.50E-07	4.74E-09	1.48E-09	2.89E-17	7.68E-10	2.03E-12	1.43E-12	2.25E-11	1.40E-11	8.38E-11	1.33E-12	3.03E-11	4.13E-09	3.83E-10	4.93E-09
1019	SR_58	Sensitive Receptor	Commercial	Offsite	381.293	6368.773	1.32E-08	2.58E-08	1.13E-07	8.47E-10	7.17E-12	3.97E-07	4.24E-09	1.32E-09	2.59E-17	6.88E-10	1.82E-12	1.28E-12	2.01E-11	1.25E-11	7.51E-11	1.19E-12	2.71E-11	3.70E-09	3.43E-10	4.41E-09
1020	SR_59	Sensitive Receptor	Commercial	Offsite	381.200	6368.219	1.95E-08	3.85E-08	1.72E-07	1.18E-09	1.06E-11	5.70E-07	6.27E-09	1.96E-09	3.83E-17	1.02E-09	2.69E-12	1.88E-12	2.98E-11	1.85E-11	1.11E-10	1.76E-12	4.01E-11	5.47E-09	5.07E-10	6.52E-09
1021	SR_60	Sensitive Receptor	Commercial	Offsite	382.315	6367.708	1.31E-08	2.63E-08	1.20E-07	9.31E-10	7.13E-12	3.86E-07	4.22E-09	1.32E-09	2.58E-17	6.84E-10	1.81E-12	1.27E-12	2.00E-11	1.25E-11	7.47E-11	1.18E-12	2.70E-11	3.68E-09	3.41E-10	4.39E-09
1022	SR_61	Sensitive Receptor	Commercial	Offsite	382.259	6367.717	1.35E-08	2.71E-08	1.24E-07	9.55E-10	7.34E-12	3.95E-07	4.34E-09	1.36E-09	2.65E-17	7.04E-10	1.86E-12	1.31E-12	2.06E-11	1.28E-11	7.69E-11	1.22E-12	2.78E-11	3.79E-09	3.51E-10	4.52E-09

AQIA DATA - SCENARIO 1 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1023	SR_62	Sensitive Receptor	Commercial	Offsite	382.229	6367.724	1.38E-08	2.76E-08	1.26E-07	9.69E-10	7.47E-12	4.02E-07	4.42E-09	1.38E-09	2.70E-17	7.17E-10	1.90E-12	1.33E-12	2.10E-11	1.31E-11	7.83E-11	1.24E-12	2.83E-11	3.86E-09	3.57E-10	4.60E-09
1024	SR_63	Sensitive Receptor	Commercial	Offsite	382.198	6367.730	1.40E-08	2.80E-08	1.28E-07	9.81E-10	7.59E-12	4.07E-07	4.49E-09	1.40E-09	2.74E-17	7.28E-10	1.93E-12	1.35E-12	2.13E-11	1.33E-11	7.95E-11	1.26E-12	2.87E-11	3.92E-09	3.63E-10	4.67E-09
1025	SR_64	Sensitive Receptor	Commercial	Offsite	382.142	6367.732	1.44E-08	2.87E-08	1.31E-07	1.01E-09	7.79E-12	4.18E-07	4.61E-09	1.44E-09	2.82E-17	7.48E-10	1.98E-12	1.39E-12	2.19E-11	1.36E-11	8.16E-11	1.29E-12	2.95E-11	4.03E-09	3.73E-10	4.80E-09
1026	SR_65	Sensitive Receptor	Commercial	Offsite	382.096	6367.715	1.48E-08	2.96E-08	1.35E-07	1.04E-09	8.03E-12	4.34E-07	4.75E-09	1.48E-09	2.90E-17	7.70E-10	2.04E-12	1.43E-12	2.26E-11	1.40E-11	8.41E-11	1.33E-12	3.04E-11	4.15E-09	3.84E-10	4.94E-09
1027	SR_66	Sensitive Receptor	Commercial	Offsite	382.059	6367.688	1.53E-08	3.06E-08	1.40E-07	1.09E-09	8.31E-12	4.55E-07	4.92E-09	1.54E-09	3.00E-17	7.97E-10	2.11E-12	1.48E-12	2.34E-11	1.45E-11	8.71E-11	1.38E-12	3.14E-11	4.29E-09	3.97E-10	5.12E-09
1028	SR_67	Sensitive Receptor	Commercial	Offsite	381.984	6367.635	1.64E-08	3.29E-08	1.50E-07	1.20E-09	8.92E-12	5.05E-07	5.28E-09	1.65E-09	3.22E-17	8.56E-10	2.27E-12	1.59E-12	2.51E-11	1.56E-11	9.35E-11	1.48E-12	3.38E-11	4.61E-09	4.26E-10	5.49E-09
1029	SR_68	Sensitive Receptor	Commercial	Offsite	381.937	6367.607	1.70E-08	3.41E-08	1.55E-07	1.26E-09	9.25E-12	5.34E-07	5.47E-09	1.71E-09	3.34E-17	8.87E-10	2.35E-12	1.65E-12	2.60E-11	1.62E-11	9.69E-11	1.53E-12	3.50E-11	4.78E-09	4.42E-10	5.69E-09
1030	SR_69	Sensitive Receptor	Commercial	Offsite	381.900	6367.578	1.74E-08	3.49E-08	1.58E-07	1.32E-09	9.46E-12	5.56E-07	5.60E-09	1.75E-09	3.42E-17	9.07E-10	2.40E-12	1.68E-12	2.66E-11	1.65E-11	9.91E-11	1.57E-12	3.58E-11	4.88E-09	4.52E-10	5.82E-09
1031	SR_70	Sensitive Receptor	Commercial	Offsite	382.308	6367.664	1.34E-08	2.68E-08	1.22E-07	9.60E-10	7.26E-12	4.00E-07	4.30E-09	1.34E-09	2.62E-17	6.96E-10	1.84E-12	1.29E-12	2.04E-11	1.27E-11	7.60E-11	1.20E-12	2.75E-11	3.75E-09	3.47E-10	4.47E-09
1032	SR_71	Sensitive Receptor	Commercial	Offsite	382.279	6367.620	1.36E-08	2.73E-08	1.24E-07	9.94E-10	7.40E-12	4.14E-07	4.38E-09	1.37E-09	2.67E-17	7.09E-10	1.88E-12	1.32E-12	2.08E-11	1.29E-11	7.75E-11	1.23E-12	2.80E-11	3.82E-09	3.54E-10	4.55E-09
1033	SR_72	Sensitive Receptor	Commercial	Offsite	382.244	6367.607	1.40E-08	2.80E-08	1.27E-07	1.02E-09	7.57E-12	4.26E-07	4.48E-09	1.40E-09	2.74E-17	7.26E-10	1.92E-12	1.35E-12	2.13E-11	1.32E-11	7.93E-11	1.26E-12	2.86E-11	3.91E-09	3.62E-10	4.66E-09
1034	SR_73	Sensitive Receptor	Commercial	Offsite	382.213	6367.622	1.42E-08	2.85E-08	1.30E-07	1.03E-09	7.72E-12	4.31E-07	4.57E-09	1.42E-09	2.79E-17	7.40E-10	1.96E-12	1.37E-12	2.17E-11	1.35E-11	8.08E-11	1.28E-12	2.92E-11	3.98E-09	3.69E-10	4.75E-09
1035	SR_74	Sensitive Receptor	Commercial	Offsite	382.187	6367.624	1.45E-08	2.90E-08	1.32E-07	1.05E-09	7.84E-12	4.38E-07	4.64E-09	1.45E-09	2.83E-17	7.52E-10	1.99E-12	1.40E-12	2.20E-11	1.37E-11	8.21E-11	1.30E-12	2.97E-11	4.05E-09	3.75E-10	4.83E-09
1036	SR_75	Sensitive Receptor	Commercial	Offsite	382.123	6367.629	1.50E-08	3.01E-08	1.37E-07	1.09E-09	8.16E-12	4.56E-07	4.83E-09	1.51E-09	2.95E-17	7.82E-10	2.07E-12	1.45E-12	2.29E-11	1.43E-11	8.54E-11	1.35E-12	3.09E-11	4.21E-09	3.90E-10	5.02E-09
1037	SR_76	Sensitive Receptor	Commercial	Offsite	382.050	6367.569	1.58E-08	3.17E-08	1.44E-07	1.18E-09	8.59E-12	4.96E-07	5.08E-09	1.59E-09	3.10E-17	8.24E-10	2.18E-12	1.53E-12	2.41E-11	1.50E-11	8.99E-11	1.42E-12	3.25E-11	4.43E-09	4.10E-10	5.28E-09
1038	SR_77	Sensitive Receptor	Commercial	Offsite	382.028	6367.547	1.61E-08	3.23E-08	1.47E-07	1.22E-09	8.76E-12	5.14E-07	5.18E-09	1.62E-09	3.16E-17	8.40E-10	2.22E-12	1.56E-12	2.46E-11	1.53E-11	9.18E-11	1.45E-12	3.31E-11	4.52E-09	4.19E-10	5.39E-09
1039	SR_78	Sensitive Receptor	Commercial	Offsite	381.920	6367.470	1.74E-08	3.49E-08	1.57E-07	1.40E-09	9.46E-12	5.96E-07	5.60E-09	1.75E-09	3.42E-17	9.07E-10	2.40E-12	1.68E-12	2.66E-11	1.65E-11	9.91E-11	1.57E-12	3.58E-11	4.88E-09	4.52E-10	5.82E-09
1040	SR_79	Sensitive Receptor	Commercial	Offsite	381.968	6367.507	1.69E-08	3.38E-08	1.53E-07	1.31E-09	9.14E-12	5.56E-07	5.41E-09	1.69E-09	3.30E-17	8.77E-10	2.32E-12	1.63E-12	2.57E-11	1.60E-11	9.58E-11	1.52E-12	3.46E-11	4.72E-09	4.37E-10	5.63E-09
1041	SR_80	Sensitive Receptor	Commercial	Offsite	381.984	6367.474	1.68E-08	3.37E-08	1.52E-07	1.33E-09	9.12E-12	5.66E-07	5.40E-09	1.68E-09	3.29E-17	8.75E-10	2.32E-12	1.62E-12	2.56E-11	1.59E-11	9.55E-11	1.51E-12	3.45E-11	4.71E-09	4.36E-10	5.61E-09
1042	SR_81	Sensitive Receptor	Commercial	Offsite	381.992	6367.443	1.68E-08	3.37E-08	1.52E-07	1.35E-09	9.13E-12	5.78E-07	5.40E-09	1.69E-09	3.30E-17	8.76E-10	2.32E-12	1.63E-12	2.56E-11	1.60E-11	9.56E-11	1.51E-12	3.45E-11	4.71E-09	4.36E-10	5.62E-09
1043	SR_82	Sensitive Receptor	Commercial	Offsite	382.087	6367.492	1.57E-08	3.15E-08	1.42E-07	1.22E-09	8.52E-12	5.14E-07	5.04E-09	1.57E-09	3.08E-17	8.18E-10	2.16E-12	1.52E-12	2.39E-11	1.49E-11	8.93E-11	1.41E-12	3.22E-11	4.40E-09	4.07E-10	5.25E-09
1044	SR_83	Sensitive Receptor	Commercial	Offsite	382.279	6367.503	1.37E-08	2.75E-08	1.24E-07	1.05E-09	7.43E-12	4.43E-07	4.40E-09	1.37E-09	2.68E-17	7.13E-10	1.89E-12	1.32E-12	2.09E-11	1.30E-11	7.78E-11	1.23E-12	2.81E-11	3.84E-09	3.55E-10	4.57E-09
1045	SR_84	Sensitive Receptor	Commercial	Offsite	382.134	6367.415	1.55E-08	3.11E-08	1.40E-07	1.24E-09	8.40E-12	5.33E-07	4.97E-09	1.55E-09	3.03E-17	8.05E-10	2.13E-12	1.50E-12	2.36E-11	1.47E-11	8.80E-11	1.39E-12	3.18E-11	4.34E-09	4.01E-10	5.17E-09
1046	SR_85	Sensitive Receptor	Commercial	Offsite	382.025	6367.371	1.65E-08	3.32E-08	1.49E-07	1.39E-09	8.98E-12	5.98E-07	5.31E-09	1.66E-09	3.24E-17	8.61E-10	2.28E-12	1.60E-12	2.52E-11	1.57E-11	9.41E-11	1.49E-12	3.40E-11	4.64E-09	4.29E-10	5.53E-09
1047	SR_86	Sensitive Receptor	Commercial	Offsite	381.984	6367.353	1.69E-08	3.40E-08	1.52E-07	1.45E-09	9.19E-12	6.27E-07	5.44E-09	1.70E-09	3.32E-17	8.82E-10	2.33E-12	1.64E-12	2.58E-11	1.61E-11	9.63E-11	1.52E-12	3.48E-11	4.75E-09	4.39E-10	5.66E-09
1048	SR_87	Sensitive Receptor	Commercial	Offsite	382.204	6367.322	1.48E-08	2.98E-08	1.33E-07	1.25E-09	8.03E-12	5.48E-07	4.75E-09	1.48E-09	2.90E-17	7.70E-10	2.04E-12	1.43E-12	2.26E-11	1.40E-11	8.41E-11	1.33E-12	3.04E-11	4.15E-09	3.84E-10	4.94E-09
1049	SR_88	Sensitive Receptor	Commercial	Offsite	382.259	6367.353	1.42E-08	2.85E-08	1.28E-07	1.17E-09	7.69E-12	5.12E-07	4.55E-09	1.42E-09	2.78E-17	7.37E-10	1.95E-12	1.37E-12	2.16E-11	1.34E-11	8.05E-11	1.27E-12	2.91E-11	3.97E-09	3.67E-10	4.73E-09
1050	SR_89	Sensitive Receptor	Commercial	Offsite	381.582	6367.234	2.14E-08	4.31E-08	1.88E-07	2.52E-09	1.16E-11	1.03E-06	6.88E-09	2.15E-09	4.20E-17	1.11E-09	2.95E-12	2.06E-12	3.27E-11	2.03E-11	1.22E-10	1.93E-12	4.40E-11	6.00E-09	5.56E-10	7.15E-09
1051	SR_90	Sensitive Receptor	Commercial	Offsite	381.478	6367.196	2.24E-08	4.51E-08	1.94E-07	3.05E-09	1.21E-11	1.16E-06	7.19E-09	2.24E-09	4.39E-17	1.17E-09	3.08E-12	2.15E-12	3.41E-11	2.12E-11	1.27E-10	2.01E-12	4.60E-11	6.28E-09	5.81E-10	7.48E-09
1052	SR_91	Sensitive Receptor	Commercial	Offsite	381.361	6367.097	2.26E-08	4.56E-08	1.90E-07	3.99E-09	1.22E-11	1.42E-06	7.25E-09	2.26E-09	4.43E-17	1.17E-09	3.10E-12	2.17E-12	3.44E-11	2.14E-11	1.28E-10	2.03E-12	4.64E-11	6.33E-09	5.86E-10	7.54E-09
1053	SR_92	Sensitive Receptor	Commercial	Offsite	381.275	6366.951	2.06E-08	4.17E-08	1.66E-07	4.70E-09	1.12E-11	1.60E-06	6.63E-09	2.07E-09	4.05E-17	1.07E-09	2.84E-12	1.98E-12	3.15E-11	1.96E-11	1.17E-10	1.86E-12	4.24E-11	5.78E-09	5.35E-10	6.89E-09
1054	SR_93	Sensitive Receptor	Commercial	Offsite	381.116	6366.837	2.00E-08	4.04E-08	1.55E-07	5.61E-09	1.08E-11	1.79E-06	6.40E-09	2.00E-09	3.91E-17	1.04E-09	2.74E-12	1.91E-12	3.04E-11	1.89E-11	1.13E-10	1.79E-12	4.10E-11	5.59E-09	5.17E-10	6.66E-09
1055	SR_94	Sensitive Receptor	Commercial	Offsite	381.094	6366.907	2.12E-08	4.29E-08	1.64E-07	6.17E-09	1.15E-11	1.89E-06	6.79E-09	2.12E-09	4.15E-17	1.10E-09	2.91E-12	2.02E-12	3.23E-11	2.01E-11	1.20E-10	1.90E-12	4.35E-11	5.93E-09	5.49E-10	7.07E-09
1056	SR_95	Sensitive Receptor	Commercial	Offsite	381.006	6366.786	2.02E-08	4.08E-08	1.54E-07	6.05E-09	1.09E-11	1.88E-06	6.46E-09	2.02E-09	3.94E-17	1.05E-09	2.76E-12	1.92E-12	3.07E-11	1.91E-11	1.14E-10	1.81E-12	4.13E-11	5.64E-09	5.22E-10	6.72E-09
1057	SR_96	Sensitive Receptor	Commercial	Offsite	380.977	6366.863	2.16E-08	4.39E-08	1.64E-07	6.97E-09	1.17E-11	2.06E-06	6.93E-09	2.16E-09	4.23E-17	1.12E-09	2.97E-12	2.06E-12	3.29E-11	2.05E-11	1.23E-10	1.94E-12	4.43E-11	6.05E-09	5.60E-10	7.21E-09
1058	SR_97	Sensitive Receptor	Commercial	Offsite	380.891	6366.784	2.14E-08	4.34E-08	1.63E-07	6.75E-09	1.16E-11	2.06E-06	6.86E-09	2.14E-09	4.19E-17	1.11E-09	2.93E-12	2.04E-12	3.25E-11	2.02E-11	1.21E-10	1.92E-12	4.38E-11	5.98E-09	5.54E-10	7.13E-09
1059	SR_98	Sensitive Receptor	Commercial	Offsite	380.805	6366.748	2.19E-08	4.43E-08	1.68E-07	6.60E-09	1.18E-11	2.10E-06	7.00E-09	2.18E-09	4.27E-17	1.13E-09	2.99E-12	2.08E-12	3.32E-11	2.06E-11	1.24E-10	1.96E-12	4.47E-11	6.11E-09	5.65E-10	7.28E-09
1060	SR_99	Sensitive Receptor	Commercial	Offsite	380.847	6366.881	2.36E-08	4.80E-08	1.78E-07	8.22E-09	1.28E-11	2.37E-06	7.57E-09	2.36E-09	4.62E-17	1.23E-09	3.24E-12	2.25E-12	3.59E-11	2.23E-11	1.34E-10	2.12E-12	4.84E-11	6.61E-09	6.12E-10	7.87E-09
1061	SR_100	Sensitive Receptor	Commercial	Offsite	380.737	6366.834	2.50E-08	5.08E-08	1.91E-07	8.24E-09	1.35E-11	2.52E-06	8.00E-09	2.50E-09	4.88E-17	1.30E-09	3.42E-12	2.38E-12	3.80E-11	2.36E-11	1.42E-10	2.24E-12	5.12E-11	6.98E-09	6.46E-10	8.32E-09
1062	SR_101	Sensitive Receptor	Commercial	Offsite	380.618	6366.790	2.58E-08	5.24E-08	2.02E-07	7.38E-09	1.39E-11	2.55E-06	8.25E-09	2.58E-09	5.04E-17	1.34E-09	3.53E-12	2.46E-12	3.92E-11	2.43E-11	1.46E-10	2.31E-12	5.28E-11	7.20E-09	6.67E-10	8.58E-09
1063	SR_102	Sensitive Receptor	Commercial	Offsite	380.624	6366.748	2.42E-08	4.89E-08	1.90E-07	6.50E-09	1.30E-11	2.34E-06	7.71E-09	2.41E-09	4.71E-17	1.25E-09	3.30E-12	2.30E-12	3.66E-11	2.28E-11	1.37E-10	2.16E-12	4.93E-11	6.73E-09	6.23E-10	8.02E-09
1064	SR_103	Sensitive Receptor	Commercial	Offsite	380.642	6366.704	2.24E-08	4.52E-08	1.76E-07	5.70E-09	1.21E-11	2.12E-06	7.15E-09	2.23E-09	4.36E-17	1.16E-09	3.06E-12	2.13E-12	3.39E-11	2.11E-11	1.27E-10	2.00E-12	4.57E-11	6.24E-09	5.77E-10	7.43E-09
1065	SR_104	Sensitive Receptor	Commercial	Offsite	380.635	6366.669	2.13E-08	4.27E-08	1.68E-07	5.05E-09	1.14E-11	1.98E-06	6.77E-09	2.11E-09	4.13E-17	1.10E-09	2.90E-12	2.02E-12	3.21E-11	2.00E-11	1.20E-10	1.90E-12	4.33E-11	5.91E-09	5.47E-10	7.04E-09
1066	SR_105	Sensitive Receptor	Commercial	Offsite	380.576	6366.501	1.61E-08	2.99E-08	1.22E-07	2.54E-09	8.22E-12	1.36E-06	4.87E-09	1.52E-09	2.97E-17	7.89E-10	2.08E-12	1.45E-12	2.31E-11	1.44E-11	8.62E-11	1.36E-12	3.11E-11	4.25E-09	3.93E-10	5.06E-09
1067	SR_106	Sensitive Receptor	Commercial	Offsite	380.668	6366.523	1.69E-08	3.25E-08	1.29E-07	3.16E-09	8.82E-12	1.45E-06	5.23E-09	1.63E-09	3.19E-17	8.47E-10	2.24E-12	1.56E-12	2.48E-11	1.54E-11	9.25E-11	1.46E-12	3.34E-11	4.56E-09	4.22E-10	5.44E-09
1068	SR_107	Sensitive Receptor	Commercial	Offsite	380.642	6366.428	1.45E-08	2.57E-08	1.04E-07	2.15E-09	7.18E-12	1.17E-06	4.26E-09	1.33E-09	2.60E-17	6.90E-10	1.82E-12	1.27E-12	2.02E-11	1.26E-11	7.54E-11	1.19E-12	2.72E-11	3.72E-09	3.44E-10	4.43E-09
1069	SR_108	Sensitive Receptor	Commercial	Offsite	380.560	6366.439	1.43E-08	2.50E-08	1.02E-07	1.95E-09	7.01E-12	1.16E-06	4.15E-09	1.30E-09	2.54E-17	6.73E-10	1.78E-12	1.24E-12	1.97E-11	1.23E-11	7.36E-11	1.16E-12	2.66E-11	3.63E-09	3.36E-10	4.32E-09
1070	SR_109	Sensitive Receptor	Commercial	Offsite	380.796	6367.033	2.69E-08	5.48E-08	2.02E-07	1.00E-08	1.46E-11	2.82E-06	8.63E-09	2.69E-09	5.27E-17	1.40E-09	3.69E-12	2.57E-12	4.10E-11	2.55E-11	1.53E-10	2.42E-12	5.52E-11	7.53E-09	6.97E-10	8.98E-09
1071	SR_110	Sensitive Receptor	Commercial	Offsite	380.770	6367.163	2.80E-08	5.70E-08	2.10E-07	1.02E-08	1.52E-11	2.94E-06	8.99E-09	2.81E-09	5.49E-17	1.46E-09	3.84E-12	2.68E-12	4.27E-11	2.65E-11	1.59E-10	2.52E-12	5.75E-11	7.85E-09	7.26E-10	9.35E-09
1072	SR_111	Sensitive Receptor	Commercial	Offsite	380.920	6367.090	2.52E-08	5.11E-08	1.92E-07	8.33E-09	1.36E-11	2.40E-06	8.09E-09	2.52E-09	4.94E-17	1.31E-09	3.46E-12	2.41E-12	3.84E-11	2.39E-11	1.43E-10	2.26E-12	5.17E-11	7.06E-09	6.53E-10	8.41E-09
1073	SR_112	Sensitive Receptor	Commercial	Offsite	380.885	6367.194	2.62E-08	5.31E-08	2.02E-07	8.14E-09	1.42E-11	2.41E-06	8.41E-09	2.62E-09	5.13E-17	1.36E-09	3.60E-12	2.51E-12	3.99E-11	2.48E-11	1.49E-10	2.35E-12	5.38E-11	7.34E-09	6.79E-10	8.75E-09
1074	SR_113	Sensitive Receptor	Commercial	Offsite	381.015	6367.123	2.49E-08	5.04E-08	1.96E-07	7.03E-09	1.35E-11	2.09E-06	8.00E-09	2.50E-09	4.88E-17	1.30E-09	3.42E-12	2.39E-12	3.80E-11	2.36E-11	1.42E-10	2.24E-12	5.12E-11	6.98E-09	6.46E-10	8.32E-09
1075	SR_114	Sensitive Receptor	Commercial	Offsite	380.973	6367.265	2.64E-08	5.32E-08	2.13E-07	6.37E-09	1.43E-11	1.99E-06	8.46E-09	2.64E-09	5.17E-17	1.37E-09	3.62E-12	2.53E-12	4.02E-11	2.50E-11	1.50E-10	2.37E-12	5.41E-11	7.39E-09	6.84E-10	8.80E-09
1076	SR_115	Sensitive Receptor	Commercial	Offsite	381.116	6367.196	2.57E-08	5.19E-08	2.12E-07	5.55E-09	1.39E-11	1.75E-06	8.24E-09	2.57E-09	5.03E-17	1.34E-09	3.53E-12	2.46E-12	3.91E-11	2.43E-11	1.46E-10	2.31E-12	5.27E-11	7.20E-09	6.66E-10	8.58E-09
1077	SR_116	Sensitive Receptor	Commercial	Offsite	381.209	6367.223	2.58E-08	5.22E-08	2.19E-07	4.63E-09	1.40E-11	1.53E-06	8.30E-09	2.59E-09	5.07E-17	1.35E-09	3.56E-12	2.48E-12	3.94E-11	2.45E-11	1.47E-10	2.32E-12	5.31E-11	7.24E-09	6.70E-10	8.63E-09
1078	SR_117	Sensitive Receptor	Commercial	Offsite	381.167	6367.318	2.69E-08	5.43E-08	2.32E-07	4.29E-09	1.46E-11	1.45E-06	8.65E-09	2.70E-09	5.28E-17	1.40E-09	3.71E-12	2.59E-12	4.11E-11	2.55E-11	1.53E-10	2.42E-12	5.53E-11	7.55E-09	6.99E-10	8.99E-09
1079	SR_118	Sensitive Receptor	Commercial	Offsite	380.620	6366.876	2.86E-08	5.84E-08	2.21E-07	9.35E-09	1.55E-11	2.96E-06	9.17E-09	2.86E-09	5.60E-17	1.49E-09	3.92E-12	2.73E-12	4.35E-11	2.71E-11	1.62E-10	2.57E-12	5.87E-11	8.01E-09	7.41E-10	9.54E-09
1083	SR_122	Sensitive Receptor	Commercial	Offsite	379.254	6368.023	5.56E-08	1.02E-07	3.74E-07	6.55E-09	3.02E-11	3.85E-06	1.79E-08	5.57E-09	1.09E-16	2.90E-09	7.70E-12	5.44E-12	8.48E-11	5.28E-11	3.16E-10	5.01E-12	1.14E-10	1.56E-08	1.44E-09	1.86E-08
1084	SR_123	Sensitive Receptor	Commercial	Offsite	379.225	6367.914	4.32E-08	8.02E-08	2.80E-07	6.61E-09	2.35E-11	4.16E-06	1.39E-08	4.33E-09	8.48E-17	2.25E-09	5.98E-12	4.23E-12	6.59E-11	4.11E-11	2.46E-10	3.89E-12	8.87E-11	1.21E-08	1.12E-09	1.44E-08
1085	SR_124	Sensitive Receptor	Commercial	Offsite	379.225	6367.808	4.50E-08	8.52E-08	2.94E-07	8.55E-09	2.44E-11	5.29E-06	1.44E-08	4.51E-09	8.82E-17	2.34E-09	6.22E-12	4.40E-12	6.86E-11	4.27E-11	2.56E-10	4.05E-12	9.23E-11	1.26E-08	1.17E-09	1.50E-08
1086	SR_125	Sensitive Receptor	Commercial	Offsite	379.141	6367.824	3.53E-08	6.67E-08	2.29E-07	6.63E-09	1.92E-11	3.97E-06	1.13E-08	3.54E-09	6.92E-17	1.84E-09	4.88E-12	3.45E-12	5.38E-11	3.35E-11	2.01E-10	3.18E-12	7.24E-11	9.89E-09	9.15E-10	1.18E-08
1087	SR_126	Sensitive Receptor	Commercial	Offsite	379.183	6367.716	4.43E-08	8.46E-08	2.90E-07	9.54E-09	2.41E-11	5.50E-06	1.42E-08	4.44E-09	8.68E-17	2.31E-09	6.13E-12	4.33E-12	6.75E-11	4.21E-11	2.52E-10	3.99E-12	9.09E-11	1.24E-08	1.15E-09	1.48E-08
1088	SR_127	Sensitive Receptor	Commercial	Offsite	379.112	6367.722	3.44E-08	6.56E-08	2.25E-07	7.40E-09	1.87E-11	4.16E-06	1.10E-08	3.44E-09	6.74E-17	1.79E-09	4.75E-12	3.35E-12	5.24E-11	3.26E-11	1.95E-10	3.09E-12	7.05E-11	9.63E-09	8.91E-10	1.15E-08
1089	SR_128	Sensitive Receptor	Commercial	Offsite	379.165	6367.610	4.39E-08	8.42E-08	2.86E-07	1.06E-08	2.39E-11	5.59E-06	1.41E-08	4.40E-09	8.61E-17	2.29E-09	6.08E-12	4.29E-12	6.70E-11	4.17E-11	2.50E-10	3.95E-12	9.01E-11	1.23E-08	1.14E-09	1.47E-08
1090	SR_129	Sensitive Receptor	Commercial	Offsite	379.059	6367.632	2.97E-08	5.71E-08	1.95E-07	7.09E-09	1.61E-11	3.72E-06	9.54E-09	2.98E-09	5.83E-17	1.55E-09	4.11E-12	2.90E-12	4.53E-11	2.82E-11	1.69E-10	2.68E-12	6.10E-11	8.33E-09	7.71E-10	9.93E-09
1091	SR_130	Sensitive Receptor	Commercial	Offsite	379.161	6367.511	4.17E-08	8.04E-08	2.74E-07	1.05E-08	2.27E-11	5.36E-06	1.34E-08	4.18E-09	8.18E-17	2.17E-09	5.78E-12	4.08E-12	6.36E-11	3.96E-11	2.37E-10	3.76E-12	8.56E-11	1.17E-08	1.08E-09	1.39E-08
1092	SR_131	Sensitive Receptor	Commercial	Offsite	379.057	6367.535	2.89E-08	5.57E-08	1.90E-07	7.24E-09	1.57E-11	3.65E-06	9.27E-09	2.89E-09	5.66E-17	1.50E-09	3.99E-12	2.82E-12	4.40E-11	2.74E-11	1.64E-10	2.60E-12	5.92E-11	8.09E-09	7.48E-10	9.64E-09
1093	SR_132	Sensitive Receptor	Commercial	Offsite	379.163	6367.411	3.87E-08	7.54E-08	2.60E-07	9.14E-09	2.10E-11	4.85E-06	1.24E-08	3.87E-09	7.58E-17	2.01E-09	5.36E-12	3.80E-12	5.89E-11	3.67E-11	2.20E-10	3.48E-12	7.93E-11	1.08E-08	1.00E-09	1.29E-08
1094	SR_133	Sensitive Receptor	Commercial	Offsite	379.073	6367.431	2.89E-08	5.63E-08	1.94E-07	7.05E-09	1.57E-11	3.64E-06	9.29E-09	2.90E-09	5.67E-17	1.51E-09	4.01E-12	2.83E-12	4.41E-11	2.75E-11	1.64E-10	2.60E-12	5.93E-11	8.10E-09	7.50E-10	9.66E-09
1095	SR_134	Sensitive Receptor	Commercial	Offsite	379.148	6367.325	3.37E-08	6.66E-08	2.35E-07	7.05E-09	1.84E-11	4.09E-06	1.08E-08	3.38E-09	6.61E-17	1.76E-09	4.69E-12	3.33E-12	5.14E-11	3.21E-11	1.92E-10	3.04E-12	6.91E-11	9.45E-09	8.74E-10	1.13E-08
1096	SR_135	Sensitive Receptor	Commercial	Offsite	378.874	6366.985	1.36E-08	2.66E-08	1.03E-07	1.69E-09	7.37E-12	1.43E-06	4.34E-09	1.35E-09	2.65E-17	7.04E-10	1.88E-12	1.34E-12	2.06E-11	1.29E-11	7.68E-11	1.22E-12	2.77E-11	3.79E-09	3.51E-10	4.52E-09
1097	SR_136	Sensitive Receptor	Commercial	Offsite	378.923	6367.045	1.57E-08	3.09E-08	1.18E-07	2.15E-09	8.54E-12	1.70E-06	5.03E-09	1.57E-09	3.07E-17	8.16E-10	2.18E-12	1.56E-12	2.39E-11	1.49E-11	8.91E-11	1.41E-12	3.21E-11	4.39E-09	4.06E-10	5.23E-09
1098	SR_137	Sensitive Receptor	Commercial	Offsite	378.989	6367.113	1.89E-08	3.73E-08	1.40E-07	2.93E-09	1.03E-11	2.12E-06	6.04E-09	1.89E-09	3.69E-17	9.80E-10	2.62E-12	1.87E-12	2.87E-11	1.79E-11	1.07E-10	1.70E-12	3.86E-11	5.27E-09	4.88E-10	6.29E-09
1099	SR_138	Sensitive Receptor	Commercial	Offsite	379.062	6367.158	2.25E-08	4.47E-08	1.65E-07	3.76E-09	1.23E-11	2.63E-06	7.22E-09	2.25E-09	4.41E-17	1.17E-09	3.13E-12	2.23E-12	3.43E-11	2.14E-11	1.28E-10	2.03E-12	4.61E-11	6.30E-09	5.83E-10	7.51E-09
1100	SR_139	Sensitive Receptor	Commercial	Offsite	378.964	6367.301	2.09E-08	4.10E-08	1.44E-07	4.55E-09	1.13E-11	2.48E-06	6.69E-09	2.09E-09	4.09E-17	1.09E-09	2.89E-12	2.05E-12	3.18E-11	1.98E-11	1.18E-10	1.88E-12	4.27E-11	5.84E-09	5.40E-10	6.96E-09
1101	SR_140	Sensitive Receptor	Commercial	Offsite	378.923	6367.354	1.91E-08	3.74E-08	1.30E-07	4.51E-09	1.04E-11	2.34E-06	6.14E-09	1.92E-09	3.75E-17	9.96E-10	2.65E-12	1.88E-12	2.92E-11	1.82E-11	1.09E-10	1.72E-12	3.92E-11	5.36E-09	4.96E-10	6.39E-09
1102	SR_141	Sensitive Receptor	Commercial	Offsite	378.792	6367.458	1.55E-08	3.01E-08	1.05E-07	3.89E-09	8.40E-12	1.96E-06	4.97E-09	1.55E-09	3.03E-17	8.05E-10	2.14E-12	1.51E-12	2.36E-11	1.47E-11	8.79E-11	1.39E-12	3.17E-11	4.33E-09	4.01E-10	5.17E-09
1103	SR_142	Sensitive Receptor	Commercial	Offsite	378.733	6367.473	1.41E-08	2.75E-08	9.59E-08	3.49E-09	7.67E-12	1.79E-06	4.53E-09	1.41E-09	2.77E-17	7.35E-10	1.95E-12	1.38E-12	2.15E-11	1.34E-11	8.02E-11	1.27E-12	2.90E-11	3.96E-09	3.66E-10	4.71E-09
1104	SR_143	Sensitive Receptor	Commercial	Offsite	378.702	6367.482	1.35E-08	2.63E-08	9.18E-08	3.29E-09	7.33E-12	1.70E-06	4.33E-09	1.35E-09	2.64E-17	7.02E-10	1.86E-12	1.31E-12	2.06E-11	1.28E-11	7.66E-11	1.21E-12	2.77E-11	3.78E-09	3.50E-10	4.50E-09
1105	SR_144	Sensitive Receptor	Commercial	Offsite	378.653	6367.502	1.25E-08	2.43E-08	8.51E-08	2.98E-09	6.79E-12	1.55E-06	4.01E-09	1.25E-09	2.45E-17	6.51E-10	1.73E-12	1.22E-12	1.91E-11	1.19E-11	7.10E-11	1.13E-12	2.56E-11	3.50E-09	3.24E-10	4.17E-09
1106	SR_145	Sensitive Receptor	Commercial	Offsite	378.569	6367.541	1.10E-08	2.13E-08	7.48E-08	2.51E-09	5.98E-12	1.31E-06	3.53E-09	1.10E-09	2.16E-17	5.73E-10	1.52E-12	1.07E-12	1.68E-11	1.04E-11	6.25E-11	9.90E-13	2.26E-11	3.08E-09	2.85E-10	3.67E-09
1107	SR_146	Sensitive Receptor	Commercial	Offsite	378.477	6367.579	9.84E-09	1.89E-08	6.67E-08	2.10E-09	5.32E-12	1.13E-06	3.15E-09	9.82E-10	1.92E-17	5.10E-10	1.35E-12	9.54E-13	1.49E-11	9.30E-12	5.57E-11	8.82E-13	2.01E-11	2.75E-09	2.54E-10	3.27E-09
1108	SR_147	Sensitive Receptor	Commercial	Offsite	378.406	6367.608	9.10E-09	1.74E-08	6.16E-08	1.85E-09	4.92E-12	1.01E-06	2.91E-09	9.07E-10	1.77E-17	4.71E-10	1.25E-12	8.81E-13	1.38E-11	8.60E-12	5.15E-11	8.15E-13	1.86E-11	2.54E-09	2.35E-10	3.02E-09
1109	SR_148	Sensitive Receptor	Commercial	Offsite	378.336	6367.614	8.48E-09	1.62E-08	5.74E-08	1.64E-09	4.58E-12	9.19E-07	2.71E-09	8.44E-10	1.65E-17	4.39E-10	1.16E-12	8.20E-13	1.28E-11	8.00E-12	4.79E-11	7.58E-13	1.73E-11	2.36E-09	2.19E-10	2.81E-09
1110	SR_149	Sensitive Receptor	Commercial	Offsite	378.241	6367.632	7.80E-09	1.47E-08	5.26E-08	1.40E-09	4.20E-12	8.10E-07	2.48E-09	7.74E-10	1.51E-17	4.02E-10	1.07E-12	7.52E-13	1.18E-11	7.33E-12	4.39E-11	6.95E-13	1.58E-11	2.16E-09	2.00E-10	2.58E-09

AQIA DATA - SCENARIO 1 COMMERCIAL

Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1111	SR_150	Sensitive Receptor	Commercial	Offsite	378.627	6367.413	1.19E-08	2.31E-08	8.15E-08	2.64E-09	6.46E-12	1.42E-06	3.82E-09	1.19E-09	2.33E-17	6.19E-10	1.64E-12	1.16E-12	1.81E-11	1.13E-11	6.75E-11	1.07E-12	2.44E-11	3.33E-09	3.08E-10	3.97E-09
1112	SR_151	Sensitive Receptor	Commercial	Offsite	378.697	6367.402	1.31E-08	2.55E-08	8.98E-08	3.04E-09	7.13E-12	1.60E-06	4.21E-09	1.31E-09	2.57E-17	6.83E-10	1.81E-12	1.28E-12	2.00E-11	1.25E-11	7.45E-11	1.18E-12	2.69E-11	3.67E-09	3.40E-10	4.38E-09
1113	SR_152	Sensitive Receptor	Commercial	Offsite	378.761	6367.380	1.44E-08	2.80E-08	9.81E-08	3.38E-09	7.81E-12	1.76E-06	4.61E-09	1.44E-09	2.82E-17	7.48E-10	1.99E-12	1.40E-12	2.19E-11	1.36E-11	8.16E-11	1.29E-12	2.95E-11	4.02E-09	3.72E-10	4.80E-09
1114	SR_153	Sensitive Receptor	Commercial	Offsite	378.819	6367.354	1.57E-08	3.07E-08	1.08E-07	3.68E-09	8.55E-12	1.92E-06	5.05E-09	1.57E-09	3.08E-17	8.18E-10	2.18E-12	1.54E-12	2.40E-11	1.49E-11	8.93E-11	1.42E-12	3.22E-11	4.41E-09	4.08E-10	5.25E-09
1115	SR_154	Sensitive Receptor	Commercial	Offsite	378.854	6367.312	1.66E-08	3.25E-08	1.15E-07	3.71E-09	9.03E-12	1.98E-06	5.33E-09	1.66E-09	3.26E-17	8.65E-10	2.30E-12	1.63E-12	2.53E-11	1.58E-11	9.44E-11	1.50E-12	3.41E-11	4.65E-09	4.31E-10	5.55E-09
1116	SR_155	Sensitive Receptor	Commercial	Offsite	377.826	6367.113	5.79E-09	7.83E-09	2.89E-08	6.82E-10	2.48E-12	4.84E-07	1.47E-09	4.58E-10	8.95E-18	2.38E-10	6.32E-13	4.47E-13	6.96E-12	4.34E-12	2.60E-11	4.11E-13	9.37E-12	1.28E-09	1.18E-10	1.53E-09
1117	SR_156	Sensitive Receptor	Commercial	Offsite	377.870	6367.171	5.81E-09	8.76E-09	3.22E-08	7.54E-10	2.67E-12	5.13E-07	1.58E-09	4.92E-10	9.63E-18	2.56E-10	6.79E-13	4.80E-13	7.49E-12	4.67E-12	2.79E-11	4.42E-13	1.01E-11	1.38E-09	1.27E-10	1.64E-09
1118	SR_157	Sensitive Receptor	Commercial	Offsite	377.916	6367.222	5.92E-09	9.61E-09	3.51E-08	8.23E-10	2.85E-12	5.41E-07	1.69E-09	5.26E-10	1.03E-17	2.73E-10	7.26E-13	5.13E-13	8.00E-12	4.99E-12	2.98E-11	4.73E-13	1.08E-11	1.47E-09	1.36E-10	1.75E-09
1119	SR_158	Sensitive Receptor	Commercial	Offsite	377.760	6367.376	5.44E-09	9.02E-09	3.32E-08	7.10E-10	2.67E-12	4.75E-07	1.58E-09	4.93E-10	9.64E-18	2.56E-10	6.80E-13	4.79E-13	7.50E-12	4.67E-12	2.79E-11	4.43E-13	1.01E-11	1.38E-09	1.27E-10	1.64E-09
1120	SR_159	Sensitive Receptor	Commercial	Offsite	377.921	6367.349	5.96E-09	1.03E-08	3.76E-08	8.70E-10	3.01E-12	5.52E-07	1.78E-09	5.55E-10	1.09E-17	2.89E-10	7.66E-13	5.41E-13	8.45E-12	5.26E-12	3.15E-11	4.99E-13	1.14E-11	1.55E-09	1.44E-10	1.85E-09
1121	SR_160	Sensitive Receptor	Commercial	Offsite	377.993	6367.305	6.23E-09	1.09E-08	3.96E-08	9.35E-10	3.16E-12	5.90E-07	1.87E-09	5.84E-10	1.14E-17	3.03E-10	8.05E-13	5.68E-13	8.88E-12	5.53E-12	3.31E-11	5.24E-13	1.19E-11	1.63E-09	1.51E-10	1.95E-09
1122	SR_161	Sensitive Receptor	Commercial	Offsite	378.073	6367.241	6.56E-09	1.16E-08	4.21E-08	9.80E-10	3.34E-12	6.31E-07	1.97E-09	6.16E-10	1.21E-17	3.20E-10	8.51E-13	6.01E-13	9.38E-12	5.84E-12	3.50E-11	5.54E-13	1.26E-11	1.72E-09	1.59E-10	2.05E-09
1123	SR_162	Sensitive Receptor	Commercial	Offsite	378.163	6367.162	7.01E-09	1.24E-08	4.60E-08	9.92E-10	3.58E-12	6.71E-07	2.12E-09	6.60E-10	1.29E-17	3.43E-10	9.13E-13	6.45E-13	1.00E-11	6.26E-12	3.75E-11	5.93E-13	1.35E-11	1.85E-09	1.71E-10	2.20E-09
1124	SR_163	Sensitive Receptor	Commercial	Offsite	378.088	6367.753	7.22E-09	1.35E-08	4.85E-08	1.12E-09	3.88E-12	6.81E-07	2.29E-09	7.15E-10	1.40E-17	3.71E-10	9.86E-13	6.94E-13	1.09E-11	6.78E-12	4.06E-11	6.42E-13	1.46E-11	2.00E-09	1.85E-10	2.38E-09
1125	SR_164	Sensitive Receptor	Commercial	Offsite	378.256	6367.720	8.11E-09	1.54E-08	5.46E-08	1.47E-09	4.37E-12	8.44E-07	2.59E-09	8.07E-10	1.58E-17	4.19E-10	1.11E-12	7.83E-13	1.23E-11	7.65E-12	4.58E-11	7.25E-13	1.65E-11	2.26E-09	2.09E-10	2.69E-09
1126	SR_165	Sensitive Receptor	Commercial	Offsite	378.876	6367.612	1.83E-08	3.55E-08	1.22E-07	4.66E-09	9.96E-12	2.32E-06	5.89E-09	1.84E-09	3.59E-17	9.54E-10	2.53E-12	1.79E-12	2.79E-11	1.74E-11	1.04E-10	1.65E-12	3.76E-11	5.14E-09	4.75E-10	6.12E-09
1127	SR_166	Sensitive Receptor	Commercial	Offsite	378.920	6367.705	2.03E-08	3.90E-08	1.34E-07	4.88E-09	1.10E-11	2.49E-06	6.51E-09	2.03E-09	3.98E-17	1.06E-09	2.80E-12	1.98E-12	3.09E-11	1.93E-11	1.15E-10	1.83E-12	4.16E-11	5.69E-09	5.26E-10	6.78E-09
1128	SR_167	Sensitive Receptor	Commercial	Offsite	378.964	6367.793	2.25E-08	4.29E-08	1.47E-07	4.95E-09	1.22E-11	2.62E-06	7.23E-09	2.25E-09	4.41E-17	1.17E-09	3.11E-12	2.19E-12	3.43E-11	2.14E-11	1.28E-10	2.03E-12	4.62E-11	6.31E-09	5.84E-10	7.52E-09
1129	SR_168	Sensitive Receptor	Commercial	Offsite	379.099	6367.879	3.15E-08	5.88E-08	2.02E-07	5.60E-09	1.71E-11	3.30E-06	1.01E-08	3.15E-09	6.17E-17	1.64E-09	4.35E-12	3.07E-12	4.80E-11	2.99E-11	1.79E-10	2.83E-12	6.45E-11	8.82E-09	8.16E-10	1.05E-08
1130	SR_169	Sensitive Receptor	Commercial	Offsite	379.002	6367.908	2.47E-08	4.61E-08	1.57E-07	4.57E-09	1.34E-11	2.51E-06	7.93E-09	2.48E-09	4.84E-17	1.29E-09	3.42E-12	2.41E-12	3.77E-11	2.35E-11	1.40E-10	2.22E-12	5.07E-11	6.92E-09	6.41E-10	8.25E-09
1131	SR_170	Sensitive Receptor	Commercial	Offsite	379.117	6368.012	3.54E-08	6.43E-08	2.26E-07	4.58E-09	1.92E-11	2.70E-06	1.14E-08	3.55E-09	6.94E-17	1.84E-09	4.90E-12	3.46E-12	5.40E-11	3.36E-11	2.01E-10	3.19E-12	7.26E-11	9.92E-09	9.18E-10	1.18E-08
1132	SR_171	Sensitive Receptor	Commercial	Offsite	378.717	6367.632	1.37E-08	2.64E-08	9.18E-08	3.41E-09	7.41E-12	1.71E-06	4.38E-09	1.37E-09	2.67E-17	7.10E-10	1.88E-12	1.33E-12	2.08E-11	1.30E-11	7.75E-11	1.23E-12	2.80E-11	3.82E-09	3.54E-10	4.55E-09
1133	SR_172	Sensitive Receptor	Commercial	Offsite	378.746	6367.705	1.44E-08	2.78E-08	9.64E-08	3.54E-09	7.82E-12	1.79E-06	4.63E-09	1.44E-09	2.82E-17	7.50E-10	1.99E-12	1.40E-12	2.20E-11	1.37E-11	8.19E-11	1.30E-12	2.96E-11	4.04E-09	3.74E-10	4.81E-09
1134	SR_173	Sensitive Receptor	Commercial	Offsite	378.578	6367.698	1.12E-08	2.17E-08	7.57E-08	2.58E-09	6.10E-12	1.34E-06	3.60E-09	1.12E-09	2.20E-17	5.84E-10	1.55E-12	1.09E-12	1.71E-11	1.07E-11	6.38E-11	1.01E-12	2.30E-11	3.15E-09	2.91E-10	3.75E-09
1135	SR_174	Sensitive Receptor	Commercial	Offsite	379.073	6368.261	4.22E-08	7.62E-08	2.86E-07	3.76E-09	2.29E-11	1.89E-06	1.35E-08	4.22E-09	8.26E-17	2.19E-09	5.83E-12	4.12E-12	6.43E-11	4.00E-11	2.40E-10	3.79E-12	8.65E-11	1.18E-08	1.09E-09	1.41E-08
1136	SR_175	Sensitive Receptor	Commercial	Offsite	379.024	6368.166	3.24E-08	5.81E-08	2.08E-07	3.43E-09	1.76E-11	1.83E-06	1.04E-08	3.24E-09	6.35E-17	1.69E-09	4.48E-12	3.16E-12	4.94E-11	3.08E-11	1.84E-10	2.92E-12	6.64E-11	9.08E-09	8.40E-10	1.08E-08
1137	SR_176	Sensitive Receptor	Commercial	Offsite	378.984	6368.287	3.31E-08	5.92E-08	2.18E-07	3.01E-09	1.80E-11	1.51E-06	1.06E-08	3.31E-09	6.48E-17	1.72E-09	4.57E-12	3.23E-12	5.04E-11	3.14E-11	1.88E-10	2.98E-12	6.78E-11	9.27E-09	8.57E-10	1.10E-08
1138	SR_177	Sensitive Receptor	Commercial	Offsite	378.925	6368.188	2.50E-08	4.47E-08	1.57E-07	2.82E-09	1.36E-11	1.48E-06	8.04E-09	2.51E-09	4.91E-17	1.30E-09	3.46E-12	2.44E-12	3.82E-11	2.38E-11	1.42E-10	2.25E-12	5.14E-11	7.02E-09	6.49E-10	8.36E-09
1139	SR_178	Sensitive Receptor	Commercial	Offsite	378.887	6368.292	2.57E-08	4.57E-08	1.65E-07	2.46E-09	1.40E-11	1.25E-06	8.25E-09	2.57E-09	5.04E-17	1.34E-09	3.55E-12	2.51E-12	3.92E-11	2.44E-11	1.46E-10	2.31E-12	5.27E-11	7.20E-09	6.66E-10	8.58E-09
1140	SR_179	Sensitive Receptor	Commercial	Offsite	378.775	6368.195	1.84E-08	3.29E-08	1.14E-07	2.31E-09	9.99E-12	1.22E-06	5.90E-09	1.84E-09	3.60E-17	9.57E-10	2.54E-12	1.79E-12	2.80E-11	1.75E-11	1.05E-10	1.66E-12	3.77E-11	5.15E-09	4.77E-10	6.14E-09
1141	SR_180	Sensitive Receptor	Commercial	Offsite	378.772	6368.296	2.04E-08	3.62E-08	1.29E-07	2.07E-09	1.11E-11	1.08E-06	6.54E-09	2.04E-09	3.99E-17	1.06E-09	2.82E-12	1.99E-12	3.10E-11	1.93E-11	1.16E-10	1.83E-12	4.18E-11	5.71E-09	5.28E-10	6.80E-09
1142	SR_181	Sensitive Receptor	Commercial	Offsite	378.772	6368.252	1.94E-08	3.45E-08	1.21E-07	2.16E-09	1.05E-11	1.14E-06	6.22E-09	1.94E-09	3.80E-17	1.01E-09	2.68E-12	1.89E-12	2.96E-11	1.84E-11	1.10E-10	1.74E-12	3.98E-11	5.43E-09	5.03E-10	6.47E-09
1143	SR_182	Sensitive Receptor	Commercial	Offsite	378.675	6368.349	1.84E-08	3.28E-08	1.18E-07	1.77E-09	1.00E-11	9.33E-07	5.91E-09	1.84E-09	3.61E-17	9.59E-10	2.55E-12	1.79E-12	2.81E-11	1.75E-11	1.05E-10	1.66E-12	3.78E-11	5.16E-09	4.77E-10	6.15E-09
1144	SR_183	Sensitive Receptor	Commercial	Offsite	378.609	6368.340	1.67E-08	2.96E-08	1.06E-07	1.66E-09	9.03E-12	8.89E-07	5.34E-09	1.67E-09	3.26E-17	8.66E-10	2.30E-12	1.62E-12	2.54E-11	1.58E-11	9.45E-11	1.50E-12	3.41E-11	4.66E-09	4.31E-10	5.55E-09
1145	SR_184	Sensitive Receptor	Commercial	Offsite	378.629	6368.223	1.52E-08	2.74E-08	9.55E-08	1.93E-09	8.27E-12	1.03E-06	4.89E-09	1.53E-09	2.98E-17	7.92E-10	2.10E-12	1.48E-12	2.32E-11	1.45E-11	8.65E-11	1.37E-12	3.12E-11	4.27E-09	3.95E-10	5.08E-09
1146	SR_185	Sensitive Receptor	Commercial	Offsite	378.536	6368.239	1.39E-08	2.50E-08	8.77E-08	1.72E-09	7.54E-12	9.26E-07	4.46E-09	1.39E-09	2.72E-17	7.22E-10	1.92E-12	1.35E-12	2.12E-11	1.32E-11	7.89E-11	1.25E-12	2.85E-11	3.89E-09	3.60E-10	4.63E-09
1147	SR_186	Sensitive Receptor	Commercial	Offsite	378.307	6368.270	1.19E-08	2.14E-08	7.70E-08	1.30E-09	6.44E-12	7.16E-07	3.81E-09	1.19E-09	2.33E-17	6.18E-10	1.64E-12	1.15E-12	1.81E-11	1.13E-11	6.74E-11	1.07E-12	2.43E-11	3.33E-09	3.08E-10	3.96E-09
1148	SR_187	Sensitive Receptor	Commercial	Offsite	378.355	6368.316	1.28E-08	2.29E-08	8.23E-08	1.32E-09	6.92E-12	7.23E-07	4.09E-09	1.28E-09	2.50E-17	6.63E-10	1.76E-12	1.24E-12	1.94E-11	1.21E-11	7.24E-11	1.15E-12	2.61E-11	3.57E-09	3.30E-10	4.25E-09
1149	SR_188	Sensitive Receptor	Commercial	Offsite	378.424	6368.373	1.42E-08	2.52E-08	9.14E-08	1.35E-09	7.68E-12	7.35E-07	4.54E-09	1.42E-09	2.77E-17	7.36E-10	1.95E-12	1.37E-12	2.15E-11	1.34E-11	8.03E-11	1.27E-12	2.90E-11	3.96E-09	3.66E-10	4.72E-09
1150	SR_189	Sensitive Receptor	Commercial	Offsite	378.503	6368.409	1.58E-08	2.80E-08	1.02E-07	1.40E-09	8.55E-12	7.58E-07	5.05E-09	1.58E-09	3.09E-17	8.19E-10	2.17E-12	1.53E-12	2.40E-11	1.49E-11	8.95E-11	1.42E-12	3.23E-11	4.41E-09	4.08E-10	5.26E-09
1151	SR_190	Sensitive Receptor	Commercial	Offsite	378.455	6368.515	1.64E-08	2.91E-08	1.09E-07	1.22E-09	8.88E-12	6.55E-07	5.25E-09	1.64E-09	3.20E-17	8.51E-10	2.26E-12	1.59E-12	2.49E-11	1.55E-11	9.29E-11	1.47E-12	3.35E-11	4.58E-09	4.24E-10	5.46E-09
1152	SR_191	Sensitive Receptor	Commercial	Offsite	378.411	6368.488	1.55E-08	2.74E-08	1.02E-07	1.20E-09	8.36E-12	6.51E-07	4.94E-09	1.54E-09	3.02E-17	8.01E-10	2.13E-12	1.50E-12	2.35E-11	1.46E-11	8.75E-11	1.39E-12	3.16E-11	4.31E-09	3.99E-10	5.14E-09
1153	SR_192	Sensitive Receptor	Commercial	Offsite	378.336	6368.437	1.41E-08	2.50E-08	9.30E-08	1.17E-09	7.61E-12	6.48E-07	4.50E-09	1.40E-09	2.75E-17	7.30E-10	1.94E-12	1.36E-12	2.14E-11	1.33E-11	7.97E-11	1.26E-12	2.88E-11	3.93E-09	3.64E-10	4.68E-09
1154	SR_193	Sensitive Receptor	Commercial	Offsite	378.219	6368.373	1.26E-08	2.26E-08	8.45E-08	1.10E-09	6.82E-12	6.23E-07	4.03E-09	1.26E-09	2.46E-17	6.54E-10	1.74E-12	1.22E-12	1.92E-11	1.19E-11	7.14E-11	1.13E-12	2.58E-11	3.52E-09	3.26E-10	4.20E-09
1155	SR_194	Sensitive Receptor	Commercial	Offsite	378.203	6368.530	1.39E-08	2.47E-08	9.50E-08	9.58E-10	7.49E-12	5.41E-07	4.43E-09	1.38E-09	2.70E-17	7.18E-10	1.90E-12	1.34E-12	2.10E-11	1.31E-11	7.84E-11	1.24E-12	2.83E-11	3.86E-09	3.58E-10	4.60E-09
1156	SR_195	Sensitive Receptor	Commercial	Offsite	378.276	6368.579	1.48E-08	2.61E-08	1.00E-07	9.77E-10	7.95E-12	5.42E-07	4.70E-09	1.47E-09	2.87E-17	7.62E-10	2.02E-12	1.42E-12	2.23E-11	1.39E-11	8.32E-11	1.32E-12	3.00E-11	4.10E-09	3.80E-10	4.89E-09
1157	SR_196	Sensitive Receptor	Commercial	Offsite	376.753	6367.464	3.28E-09	4.88E-09	1.88E-08	3.24E-10	1.50E-12	2.48E-07	8.90E-10	2.78E-10	5.43E-18	1.44E-10	3.83E-13	2.70E-13	4.22E-12	2.63E-12	1.57E-11	2.49E-13	5.68E-12	7.76E-10	7.18E-11	9.25E-10
1158	SR_197	Sensitive Receptor	Commercial	Offsite	376.674	6367.477	3.15E-09	4.78E-09	1.86E-08	3.09E-10	1.46E-12	2.38E-07	8.65E-10	2.70E-10	5.28E-18	1.40E-10	3.72E-13	2.62E-13	4.10E-12	2.56E-12	1.53E-11	2.42E-13	5.52E-12	7.54E-10	6.98E-11	8.99E-10
1159	SR_198	Sensitive Receptor	Commercial	Offsite	376.639	6367.566	3.09E-09	4.67E-09	1.82E-08	2.90E-10	1.43E-12	2.27E-07	8.48E-10	2.65E-10	5.18E-18	1.37E-10	3.65E-13	2.57E-13	4.03E-12	2.51E-12	1.50E-11	2.38E-13	5.42E-12	7.40E-10	6.85E-11	8.82E-10
1160	SR_199	Sensitive Receptor	Commercial	Offsite	376.608	6367.650	3.04E-09	4.59E-09	1.79E-08	2.75E-10	1.41E-12	2.18E-07	8.35E-10	2.61E-10	5.10E-18	1.35E-10	3.59E-13	2.53E-13	3.97E-12	2.47E-12	1.48E-11	2.34E-13	5.34E-12	7.29E-10	6.75E-11	8.69E-10
1161	SR_200	Sensitive Receptor	Commercial	Offsite	376.614	6367.754	3.07E-09	4.60E-09	1.80E-08	2.67E-10	1.43E-12	2.16E-07	8.43E-10	2.63E-10	5.15E-18	1.37E-10	3.63E-13	2.56E-13	4.00E-12	2.49E-12	1.49E-11	2.36E-13	5.39E-12	7.36E-10	6.81E-11	8.77E-10
1162	SR_201	Sensitive Receptor	Commercial	Offsite	376.877	6367.338	3.45E-09	5.09E-09	1.94E-08	3.64E-10	1.57E-12	2.67E-07	9.27E-10	2.89E-10	5.66E-18	1.50E-10	3.99E-13	2.81E-13	4.40E-12	2.74E-12	1.64E-11	2.60E-13	5.92E-12	8.09E-10	7.49E-11	9.64E-10
1163	SR_202	Sensitive Receptor	Commercial	Offsite	376.985	6367.308	3.65E-09	5.24E-09	1.99E-08	3.87E-10	1.63E-12	2.84E-07	9.65E-10	3.01E-10	5.89E-18	1.56E-10	4.15E-13	2.93E-13	4.58E-12	2.85E-12	1.71E-11	2.70E-13	6.16E-12	8.42E-10	7.79E-11	1.00E-09
1164	SR_203	Sensitive Receptor	Commercial	Offsite	376.866	6367.131	3.23E-09	5.09E-09	1.95E-08	3.82E-10	1.52E-12	2.66E-07	8.99E-10	2.80E-10	5.49E-18	1.46E-10	3.87E-13	2.73E-13	4.27E-12	2.66E-12	1.59E-11	2.52E-13	5.74E-12	7.85E-10	7.26E-11	9.35E-10
1165	SR_204	Sensitive Receptor	Commercial	Offsite	376.963	6367.160	3.47E-09	5.19E-09	1.98E-08	4.02E-10	1.58E-12	2.82E-07	9.35E-10	2.92E-10	5.71E-18	1.52E-10	4.03E-13	2.84E-13	4.44E-12	2.77E-12	1.66E-11	2.62E-13	5.97E-12	8.16E-10	7.55E-11	9.73E-10
1166	SR_205	Sensitive Receptor	Commercial	Offsite	376.965	6367.091	3.39E-09	5.17E-09	1.97E-08	4.07E-10	1.56E-12	2.80E-07	9.23E-10	2.88E-10	5.63E-18	1.50E-10	3.98E-13	2.80E-13	4.38E-12	2.73E-12	1.63E-11	2.59E-13	5.90E-12	8.06E-10	7.45E-11	9.60E-10
1167	SR_206	Sensitive Receptor	Commercial	Offsite	377.078	6367.131	3.72E-09	5.31E-09	2.02E-08	4.27E-10	1.65E-12	3.03E-07	9.73E-10	3.04E-10	5.94E-18	1.58E-10	4.19E-13	2.96E-13	4.62E-12	2.88E-12	1.72E-11	2.73E-13	6.22E-12	8.49E-10	7.86E-11	1.01E-09
1168	SR_207	Sensitive Receptor	Commercial	Offsite	377.128	6367.228	3.93E-09	5.40E-09	2.05E-08	4.18E-10	1.71E-12	3.07E-07	1.01E-09	3.14E-10	6.15E-18	1.63E-10	4.34E-13	3.06E-13	4.78E-12	2.98E-12	1.78E-11	2.82E-13	6.44E-12	8.79E-10	8.14E-11	1.05E-09
1169	SR_208	Sensitive Receptor	Commercial	Offsite	377.223	6367.138	4.12E-09	5.42E-09	2.05E-08	4.41E-10	1.74E-12	3.25E-07	1.03E-09	3.20E-10	6.26E-18	1.66E-10	4.42E-13	3.12E-13	4.87E-12	3.03E-12	1.82E-11	2.88E-13	6.55E-12	8.95E-10	8.28E-11	1.07E-09
1170	SR_209	Sensitive Receptor	Commercial	Offsite	377.318	6367.118	4.39E-09	5.47E-09	2.07E-08	4.54E-10	1.79E-12	3.40E-07	1.06E-09	3.30E-10	6.46E-18	1.72E-10	4.56E-13	3.22E-13	5.03E-12	3.13E-12	1.87E-11	2.97E-13	6.76E-12	9.24E-10	8.55E-11	1.10E-09
1171	SR_210	Sensitive Receptor	Commercial	Offsite	377.358	6367.001	4.46E-09	5.22E-09	1.97E-08	4.60E-10	1.75E-12	3.38E-07	1.03E-09	3.22E-10	6.30E-18	1.67E-10	4.45E-13	3.15E-13	4.90E-12	3.06E-12	1.83E-11	2.90E-13	6.60E-12	9.01E-10	8.34E-11	1.07E-09
1172	SR_211	Sensitive Receptor	Commercial	Offsite	377.376	6366.884	4.52E-09	5.14E-09	1.94E-08	4.70E-10	1.74E-12	3.37E-07	1.03E-09	3.20E-10	6.26E-18	1.66E-10	4.43E-13	3.13E-13	4.87E-12	3.04E-12	1.81E-11	2.88E-13	6.55E-12	8.95E-10	8.28E-11	1.07E-09
1173	SR_212	Sensitive Receptor	Commercial	Offsite	377.407	6366.782	4.78E-09	5.20E-09	1.97E-08	4.86E-10	1.79E-12	3.48E-07	1.06E-09	3.29E-10	6.44E-18	1.71E-10	4.56E-13	3.24E-13	5.01E-12	3.13E-12	1.87E-11	2.96E-13	6.74E-12	9.21E-10	8.52E-11	1.10E-09
1174	SR_213	Sensitive Receptor	Commercial	Offsite	377.287	6366.835	4.08E-09	5.26E-09	1.99E-08	4.71E-10	1.68E-12	3.17E-07	9.94E-10	3.10E-10	6.07E-18	1.61E-10	4.29E-13	3.04E-13	4.72E-12	2.94E-12	1.76E-11	2.79E-13	6.35E-12	8.67E-10	8.03E-11	1.03E-09
1175	SR_214	Sensitive Receptor	Commercial	Offsite	377.256	6366.904	3.99E-09	5.23E-09	1.98E-08	4.61E-10	1.66E-12	3.15E-07	9.83E-10	3.07E-10	6.00E-18	1.59E-10	4.24E-13	3.00E-13	4.67E-12	2.91E-12	1.74E-11	2.76E-13	6.28E-12	8.58E-10	7.94E-11	1.02E-09
1176	SR_215	Sensitive Receptor	Commercial	Offsite	377.234	6366.996	3.99E-09	5.24E-09	1.99E-08	4.52E-10	1.67E-12	3.16E-07	9.89E-10	3.08E-10	6.04E-18	1.60E-10	4.26E-13	3.01E-13	4.69E-12	2.93E-12	1.75E-11	2.77E-13	6.32E-12	8.63E-10	7.98E-11	1.03E-09
1177	SR_216	Sensitive Receptor	Commercial	Offsite	377.144	6366.981	3.69E-09	5.24E-09	1.99E-08	4.44E-10	1.62E-12	3.01E-07	9.57E-10	2.99E-10	5.84E-18	1.55E-10	4.12E-13	2.91E-13	4.54E-12	2.83E-12	1.69E-11	2.68E-13	6.11E-12	8.35E-10	7.73E-11	9.95E-10
1178	SR_217	Sensitive Receptor	Commercial	Offsite	377.067	6366.981	3.47E-09	5.21E-09	1.98E-08	4.32E-10	1.58E-12	2.88E-07	9.32E-10	2.91E-10	5.69E-18	1.51E-10	4.02E-13	2.84E-13	4.43E-12	2.76E-12	1.65E-11	2.61E-13	5.96E-12	8.14E-10	7.53E-11	9.70E-10
1179	SR_218	Sensitive Receptor	Commercial	Offsite	377.069	6366.882	3.36E-09	5.20E-09	1.98E-08	4.34E-10	1.56E-12	2.80E-07	9.19E-10	2.87E-10	5.61E-18	1.49E-10	3.96E-13	2.80E-13	4.36E-12	2.72E-12	1.63E-11	2.58E-13	5.87E-12	8.02E-10	7.42E-11	9.55E-10
1180	SR_219	Sensitive Receptor	Commercial	Offsite	377.137	6366.767	3.49E-09	5.36E-09	2.04E-08	4.55E-10	1.60E-12	2.86E-07	9.44E-10	2.95E-10	5.77E-18	1.53E-10	4.08E-13	2.89E-13	4.48E-12	2.80E-12	1.67E-11	2.65E-13	6.03E-12	8.24E-10	7.63E-11	9.82E-10
1181	SR_220	Sensitive Receptor	Commercial	Offsite	377.042	6366.734	3.22E-09	5.31E-09	2.04E-08	4.31E-10	1.55E-12	2.69E-07	9.13E-10	2.85E-10	5.57E-18	1.48E-10	3.94E-13	2.80E-13	4.33E-12	2.70E-12	1.62E-11	2.56E-13	5.83E-12	7.97E-10	7.37E-11	9.49E-10
1182	SR_221	Sensitive Receptor	Commercial	Offsite	376.987	6366.895	3.17E-09	5.11E-09	1.96E-08	4.12E-10	1.51E-12	2.66E-07	8.90E-10	2.78E-10	5.44E-18	1.44E-10	3.84E-13	2.71E-13	4.23E-12	2.64E-12	1.58E-11	2.50E-13	5.69E-12	7.77E-10	7.19E-11	9.26E-10
1183	SR_222	Sensitive Receptor	Commercial	Offsite	376.945	6367.001	3.21E-09	5.10E-09	1.95E-08	4.02E-10	1.51E-12	2.68E-07	8.95E-10	2.79E-10	5.46E-18	1.45E-10	3.86E-13	2.72E-13	4.25E-12	2.65E-12	1.58E-11	2.51E-13	5.72E-12	7.81E-10	7.23E-11	9.31E-10
1184	SR_223	Sensitive Receptor	Commercial	Offsite	377.095	6366.597	3.43E-09	5.76E-09	2.22E-08	4.62E-10	1.66E-12	2.86E-07	9.80E-10	3.06E-10	5.98E-18	1.59E-10	4.24E-13	3.02E-13	4.65E-12	2.90E-12	1.73E-11	2.75E-13	6.26E-12	8.55E-10	7.91E-11	1.02E-09
1185	SR_224	Sensitive Receptor	Commercial	Offsite	377.243	6366.628	3.97E-09	5.80E-09	2.22E-08	4.98E-10	1.76E-12	3.15E-07	1.04E-09	3.24E-10	6.33E-18	1.68E-10	4.49E-13	3.19E-13	4.92E-12	3.07E-12	1.84E-11	2.91E-13	6.62E-12	9.05E-10	8.37E-11	1.08E-09
1186	SR_225	Sensitive Receptor	Commercial	Offsite	377.131	6366.425	3.65E-09	6.35E-09	2.48E-08	4.79E-10	1.80E-12	2.99E-07	1.06E-09	3.32E-10	6.49E-18	1.72E-10	4.60E-13	3.28E-13	5.05E-12	3.15E-12	1.88E-11	2.98E-13	6.78E-12	9.27E-10	8.58E-11	1.11E-09
1187	SR_226	Sensitive Receptor	Commercial	Offsite	377.248	6366.469	4.10E-09	6.42E-09	2.48E-08	5.16E-10	1.89E-12	3.28E-07	1.11E-09	3.48E-10	6.80E-18	1.81E-10	4.83E-13	3.44E-13	5.29E-12	3.30E-12	1.97E-11	3.13E-13	7.11E-12	9.72E-10	8.99E-11	1.16E-09
1188	SR_227	Sensitive Receptor	Commercial	Offsite	377.219	6366.182	3.79E-09	6.71E-09	2.68E-08	4.50E-10	1.89E-12	3.01E-07	1.12E-09	3.48E-10	6.81E-18	1.81E-10	4.84E-13	3.47E-13	5.30E-12	3.31E-12	1.97E-11	3.13E-13	7.12E-12	9.73E-10	9.00E-11	1.16E-09
1189	SR_228	Sensitive Receptor	Commercial	Offsite	377.285	6366.206	3.97E-09	6.76E-09	2.69E-08	4.64E-10	1.93E-12	3.15E-07	1.14E-09	3.55E-10	6.95E-18	1.85E-10	4.94E-13	3.54E-13	5.41E-12	3.38E-12	2.01E-11	3.20E-13	7.26E-12	9.93E-10	9.19E-11	1.18E-09
1190	SR_229	Sensitive Receptor	Commercial	Offsite	377.179	6366.281	3.76E-09	6.65E-09	2.62E-08	4.69E-10	1.88E-12	3.02E-07	1.11E-09	3.45E-10	6.75E-18	1.79E-10	4.79E-13	3.43E-13	5.25E-12	3.28E-12	1.96E-11	3.10E-13	7.05E-12	9.64E-10	8.92E-11	1.15E-09
1191	SR_230	Sensitive Receptor	Commercial	Offsite	377.281	6366.326	4.10E-09	6.66E-09	2.61E-08	4.94E-10	1.93E-12	3.22E-07	1.14E-09	3.56E-10	6.96E-18	1.85E-10	4.95E-13	3.54E-13	5.41E-12	3.38E-12	2.02E-11	3.20E-13	7.28E-12	9.95E-10	9.20E-11	1.19E-09
1192	SR_231	Sensitive Receptor	Commercial	Offsite	377.760	6364.849	1.54E-09	2.50E-09	1.07E-08	1.27E-10	7.41E-13	1.09E-07	4.37E-10	1.36E-10	2.67E-18	7.08E-11	1.89E-13	1.36E-13	2.07E-12	1.30E-12	7.73E-12	1.23E-13	2.79E-12	3.81E-10	3.52E-11	4.54E-10
1193	SR_232	Sensitive Receptor	Commercial	Offsite	377.693	6364.940	1.66E-09	2.71E-09	1.16E-08	1.38E-10	7.99E-13	1.20E-07	4.71E-10	1.47E-10	2.88E-18	7.64E-11	2.04E-13	1.46E-13	2.24E-12	1.40E-12	8.34E-12	1.32E-13	3.01E-12	4.11E-10	3.80E-11	4.90E-10
1194	SR_233	Sensitive Receptor	Commercial	Offsite	378.963	6368.005	2.34E-08	4.28E-08	1.47E-07	3.73E-09	1.27E-11	2.02E-06	7.51E-09	2.34E-09	4.59E-17	1.22E-09	3.24E-12	2.28E-12	3.57E-11	2.22E-11	1.33E-10	2.11E-12	4.80E-11	6.56E-09	6.07E-10	7.81E-09
1195	SR_234	Sensitive Receptor	Commercial	Offsite	378.908	6368.061	2.14E-08	3.88E-08	1.33E-07	3.20E-09	1.16E-11	1.70E-06	6.86E-09	2.14E-09	4.19E-17	1.11E-09	2.95E-12	2.08E-12	3.26E-11	2.03E-11	1.21E-10	1.92E-12	4.38E-11	5.99E-09	5.54E-10	7.14E-09

AQIA DATA - SCENARIO 1 COMMERCIAL

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1196	SR_235	Sensitive Receptor	Commercial	Offsite	378.876	6368.011	1.94E-08	3.57E-08	1.22E-07	3.31E-09	1.06E-11	1.74E-06	6.24E-09	1.95E-09	3.81E-17	1.01E-09	2.69E-12	1.89E-12	2.96E-11	1.85E-11	1.10E-10	1.75E-12	3.99E-11	5.45E-09	5.04E-10	6.49E-09
1197	SR_236	Sensitive Receptor	Commercial	Offsite	378.827	6368.073	1.84E-08	3.34E-08	1.15E-07	2.87E-09	9.97E-12	1.51E-06	5.89E-09	1.84E-09	3.60E-17	9.55E-10	2.54E-12	1.79E-12	2.80E-11	1.74E-11	1.04E-10	1.65E-12	3.77E-11	5.14E-09	4.76E-10	6.13E-09
1198	SR_237	Sensitive Receptor	Commercial	Offsite	378.885	6367.927	1.91E-08	3.57E-08	1.22E-07	3.72E-09	1.04E-11	1.93E-06	6.13E-09	1.91E-09	3.74E-17	9.94E-10	2.64E-12	1.86E-12	2.91E-11	1.81E-11	1.09E-10	1.72E-12	3.92E-11	5.35E-09	4.95E-10	6.38E-09
1199	SR_238	Sensitive Receptor	Commercial	Offsite	378.806	6367.885	1.62E-08	3.07E-08	1.06E-07	3.44E-09	8.82E-12	1.76E-06	5.21E-09	1.63E-09	3.18E-17	8.45E-10	2.24E-12	1.58E-12	2.48E-11	1.54E-11	9.23E-11	1.46E-12	3.33E-11	4.55E-09	4.21E-10	5.42E-09
1200	SR_239	Sensitive Receptor	Commercial	Offsite	378.751	6367.935	1.50E-08	2.81E-08	9.68E-08	3.01E-09	8.13E-12	1.54E-06	4.81E-09	1.50E-09	2.93E-17	7.79E-10	2.07E-12	1.46E-12	2.28E-11	1.42E-11	8.51E-11	1.35E-12	3.07E-11	4.19E-09	3.88E-10	5.00E-09
1201	SR_240	Sensitive Receptor	Commercial	Offsite	378.717	6367.969	1.45E-08	2.70E-08	9.31E-08	2.78E-09	7.84E-12	1.43E-06	4.64E-09	1.45E-09	2.83E-17	7.52E-10	1.99E-12	1.41E-12	2.20E-11	1.37E-11	8.21E-11	1.30E-12	2.96E-11	4.05E-09	3.74E-10	4.82E-09
1202	SR_241	Sensitive Receptor	Commercial	Offsite	378.680	6368.002	1.40E-08	2.60E-08	8.98E-08	2.57E-09	7.58E-12	1.33E-06	4.48E-09	1.40E-09	2.74E-17	7.26E-10	1.93E-12	1.36E-12	2.13E-11	1.33E-11	7.93E-11	1.26E-12	2.86E-11	3.91E-09	3.62E-10	4.66E-09
1203	SR_242	Sensitive Receptor	Commercial	Offsite	378.651	6368.026	1.36E-08	2.53E-08	8.75E-08	2.42E-09	7.40E-12	1.27E-06	4.37E-09	1.37E-09	2.67E-17	7.09E-10	1.88E-12	1.33E-12	2.08E-11	1.29E-11	7.74E-11	1.23E-12	2.80E-11	3.82E-09	3.53E-10	4.55E-09
1204	SR_243	Sensitive Receptor	Commercial	Offsite	378.609	6368.052	1.31E-08	2.43E-08	8.40E-08	2.23E-09	7.11E-12	1.17E-06	4.21E-09	1.31E-09	2.57E-17	6.82E-10	1.81E-12	1.27E-12	2.00E-11	1.24E-11	7.44E-11	1.18E-12	2.69E-11	3.67E-09	3.40E-10	4.37E-09
1205	SR_244	Sensitive Receptor	Commercial	Offsite	378.562	6368.079	1.26E-08	2.32E-08	8.04E-08	2.04E-09	6.83E-12	1.08E-06	4.04E-09	1.26E-09	2.46E-17	6.54E-10	1.74E-12	1.22E-12	1.92E-11	1.19E-11	7.14E-11	1.13E-12	2.58E-11	3.52E-09	3.26E-10	4.20E-09
1206	SR_245	Sensitive Receptor	Commercial	Offsite	378.522	6368.107	1.23E-08	2.25E-08	7.81E-08	1.89E-09	6.64E-12	1.00E-06	3.93E-09	1.23E-09	2.40E-17	6.37E-10	1.69E-12	1.19E-12	1.87E-11	1.16E-11	6.95E-11	1.10E-12	2.51E-11	3.43E-09	3.17E-10	4.09E-09
1207	SR_246	Sensitive Receptor	Commercial	Offsite	378.485	6368.131	1.21E-08	2.20E-08	7.67E-08	1.78E-09	6.53E-12	9.46E-07	3.86E-09	1.21E-09	2.36E-17	6.26E-10	1.66E-12	1.17E-12	1.83E-11	1.14E-11	6.84E-11	1.08E-12	2.47E-11	3.37E-09	3.12E-10	4.02E-09
1208	SR_247	Sensitive Receptor	Commercial	Offsite	378.426	6368.163	1.18E-08	2.14E-08	7.51E-08	1.62E-09	6.38E-12	8.71E-07	3.77E-09	1.18E-09	2.30E-17	6.11E-10	1.62E-12	1.14E-12	1.79E-11	1.12E-11	6.68E-11	1.06E-12	2.41E-11	3.29E-09	3.05E-10	3.92E-09
1209	SR_248	Sensitive Receptor	Commercial	Offsite	378.706	6367.825	1.35E-08	2.58E-08	8.92E-08	3.04E-09	7.33E-12	1.54E-06	4.33E-09	1.35E-09	2.65E-17	7.03E-10	1.87E-12	1.31E-12	2.06E-11	1.28E-11	7.67E-11	1.21E-12	2.77E-11	3.78E-09	3.50E-10	4.51E-09
1210	SR_249	Sensitive Receptor	Commercial	Offsite	378.648	6367.866	1.25E-08	2.38E-08	8.26E-08	2.69E-09	6.80E-12	1.37E-06	4.02E-09	1.25E-09	2.45E-17	6.52E-10	1.73E-12	1.22E-12	1.91E-11	1.19E-11	7.12E-11	1.13E-12	2.57E-11	3.51E-09	3.25E-10	4.18E-09
1211	SR_250	Sensitive Receptor	Commercial	Offsite	378.609	6367.896	1.21E-08	2.29E-08	7.94E-08	2.48E-09	6.55E-12	1.28E-06	3.87E-09	1.21E-09	2.36E-17	6.28E-10	1.67E-12	1.17E-12	1.84E-11	1.15E-11	6.86E-11	1.09E-12	2.47E-11	3.38E-09	3.13E-10	4.03E-09
1212	SR_251	Sensitive Receptor	Commercial	Offsite	378.585	6367.921	1.18E-08	2.23E-08	7.75E-08	2.35E-09	6.41E-12	1.22E-06	3.79E-09	1.18E-09	2.31E-17	6.15E-10	1.63E-12	1.15E-12	1.80E-11	1.12E-11	6.71E-11	1.06E-12	2.42E-11	3.31E-09	3.06E-10	3.94E-09
1213	SR_252	Sensitive Receptor	Commercial	Offsite	378.554	6367.945	1.15E-08	2.17E-08	7.55E-08	2.22E-09	6.26E-12	1.16E-06	3.70E-09	1.16E-09	2.26E-17	6.00E-10	1.59E-12	1.12E-12	1.76E-11	1.09E-11	6.55E-11	1.04E-12	2.37E-11	3.23E-09	2.99E-10	3.85E-09
1214	SR_253	Sensitive Receptor	Commercial	Offsite	378.502	6367.981	1.11E-08	2.08E-08	7.24E-08	2.01E-09	6.03E-12	1.06E-06	3.56E-09	1.11E-09	2.17E-17	5.78E-10	1.53E-12	1.08E-12	1.69E-11	1.05E-11	6.31E-11	9.98E-13	2.28E-11	3.11E-09	2.88E-10	3.71E-09
1215	SR_254	Sensitive Receptor	Commercial	Offsite	378.422	6367.937	1.01E-08	1.89E-08	6.61E-08	1.83E-09	5.45E-12	9.76E-07	3.22E-09	1.00E-09	1.97E-17	5.22E-10	1.38E-12	9.75E-13	1.53E-11	9.52E-12	5.70E-11	9.02E-13	2.06E-11	2.81E-09	2.60E-10	3.35E-09
1216	SR_255	Sensitive Receptor	Commercial	Offsite	378.460	6367.909	1.03E-08	1.94E-08	6.79E-08	1.96E-09	5.58E-12	1.04E-06	3.30E-09	1.03E-09	2.01E-17	5.35E-10	1.42E-12	9.99E-13	1.57E-11	9.75E-12	5.84E-11	9.24E-13	2.11E-11	2.88E-09	2.66E-10	3.43E-09
1217	SR_256	Sensitive Receptor	Commercial	Offsite	378.501	6367.879	1.06E-08	2.00E-08	6.99E-08	2.11E-09	5.73E-12	1.11E-06	3.39E-09	1.06E-09	2.07E-17	5.49E-10	1.46E-12	1.03E-12	1.61E-11	1.00E-11	6.00E-11	9.50E-13	2.17E-11	2.96E-09	2.74E-10	3.52E-09
1218	SR_257	Sensitive Receptor	Commercial	Offsite	378.536	6367.846	1.09E-08	2.07E-08	7.24E-08	2.27E-09	5.91E-12	1.18E-06	3.49E-09	1.09E-09	2.13E-17	5.66E-10	1.50E-12	1.06E-12	1.66E-11	1.03E-11	6.18E-11	9.79E-13	2.23E-11	3.05E-09	2.82E-10	3.63E-09
1219	SR_258	Sensitive Receptor	Commercial	Offsite	378.569	6367.806	1.12E-08	2.15E-08	7.50E-08	2.45E-09	6.09E-12	1.27E-06	3.60E-09	1.12E-09	2.20E-17	5.84E-10	1.55E-12	1.09E-12	1.71E-11	1.07E-11	6.38E-11	1.01E-12	2.30E-11	3.14E-09	2.91E-10	3.75E-09
1220	SR_259	Sensitive Receptor	Commercial	Offsite	378.637	6367.804	1.23E-08	2.35E-08	8.15E-08	2.75E-09	6.65E-12	1.41E-06	3.93E-09	1.23E-09	2.40E-17	6.37E-10	1.69E-12	1.19E-12	1.87E-11	1.16E-11	6.95E-11	1.10E-12	2.51E-11	3.43E-09	3.17E-10	4.09E-09
1221	SR_260	Sensitive Receptor	Commercial	Offsite	378.485	6367.804	1.02E-08	1.95E-08	6.82E-08	2.12E-09	5.53E-12	1.12E-06	3.27E-09	1.02E-09	2.00E-17	5.30E-10	1.41E-12	9.90E-13	1.55E-11	9.67E-12	5.79E-11	9.16E-13	2.09E-11	2.85E-09	2.64E-10	3.40E-09
1222	SR_261	Sensitive Receptor	Commercial	Offsite	378.452	6367.770	9.84E-09	1.88E-08	6.61E-08	2.04E-09	5.33E-12	1.09E-06	3.15E-09	9.83E-10	1.92E-17	5.11E-10	1.36E-12	9.54E-13	1.50E-11	9.32E-12	5.58E-11	8.83E-13	2.01E-11	2.75E-09	2.55E-10	3.28E-09
1223	SR_262	Sensitive Receptor	Commercial	Offsite	378.397	6367.821	9.40E-09	1.79E-08	6.27E-08	1.83E-09	5.09E-12	9.91E-07	3.01E-09	9.39E-10	1.84E-17	4.88E-10	1.29E-12	9.11E-13	1.43E-11	8.90E-12	5.33E-11	8.43E-13	1.92E-11	2.63E-09	2.43E-10	3.13E-09
1224	SR_263	Sensitive Receptor	Commercial	Offsite	378.331	6367.882	9.05E-09	1.70E-08	6.00E-08	1.62E-09	4.90E-12	8.85E-07	2.89E-09	9.03E-10	1.77E-17	4.69E-10	1.25E-12	8.76E-13	1.37E-11	8.56E-12	5.12E-11	8.11E-13	1.85E-11	2.53E-09	2.34E-10	3.01E-09
1225	SR_264	Sensitive Receptor	Commercial	Offsite	378.242	6368.021	9.26E-09	1.71E-08	6.07E-08	1.36E-09	5.01E-12	7.59E-07	2.96E-09	9.23E-10	1.81E-17	4.80E-10	1.27E-12	8.96E-13	1.40E-11	8.75E-12	5.24E-11	8.29E-13	1.89E-11	2.58E-09	2.39E-10	3.08E-09
1226	SR_265	Sensitive Receptor	Commercial	Offsite	378.195	6368.099	9.65E-09	1.76E-08	6.34E-08	1.23E-09	5.21E-12	7.02E-07	3.08E-09	9.62E-10	1.88E-17	5.00E-10	1.33E-12	9.34E-13	1.46E-11	9.12E-12	5.46E-11	8.64E-13	1.97E-11	2.69E-09	2.49E-10	3.21E-09
1227	SR_266	Sensitive Receptor	Commercial	Offsite	378.346	6368.095	1.05E-08	1.92E-08	6.76E-08	1.52E-09	5.67E-12	8.23E-07	3.35E-09	1.05E-09	2.04E-17	5.43E-10	1.44E-12	1.01E-12	1.59E-11	9.90E-12	5.93E-11	9.39E-13	2.14E-11	2.92E-09	2.70E-10	3.48E-09
1228	SR_267	Sensitive Receptor	Commercial	Offsite	377.340	6365.871	3.48E-09	5.85E-09	2.43E-08	3.35E-10	1.68E-12	2.68E-07	9.92E-10	3.09E-10	6.05E-18	1.61E-10	4.31E-13	3.09E-13	4.71E-12	2.94E-12	1.75E-11	2.78E-13	6.33E-12	8.65E-10	8.00E-11	1.03E-09
1229	SR_268	Sensitive Receptor	Commercial	Offsite	377.340	6365.806	3.34E-09	5.62E-09	2.36E-08	3.14E-10	1.62E-12	2.58E-07	9.54E-10	2.98E-10	5.82E-18	1.55E-10	4.14E-13	2.97E-13	4.53E-12	2.83E-12	1.69E-11	2.68E-13	6.09E-12	8.33E-10	7.70E-11	9.92E-10
1230	SR_269	Sensitive Receptor	Commercial	Offsite	379.950	6370.344	8.02E-09	1.48E-08	6.11E-08	5.67E-10	4.34E-12	1.78E-07	2.57E-09	8.01E-10	1.57E-17	4.16E-10	1.10E-12	7.73E-13	1.22E-11	7.58E-12	4.54E-11	7.19E-13	1.64E-11	2.24E-09	2.07E-10	2.67E-09
1231	SR_270	Sensitive Receptor	Commercial	Offsite	376.746	6366.522	2.77E-09	5.23E-09	2.12E-08	3.36E-10	1.46E-12	2.38E-07	8.60E-10	2.68E-10	5.25E-18	1.40E-10	3.72E-13	2.64E-13	4.08E-12	2.55E-12	1.52E-11	2.41E-13	5.49E-12	7.51E-10	6.94E-11	8.95E-10
1327	NG_23	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.607	7.02E-09	1.22E-08	4.90E-08	5.66E-10	3.51E-12	6.58E-07	2.08E-09	6.49E-10	1.27E-17	3.37E-10	8.91E-13	6.22E-13	9.87E-12	6.14E-12	3.68E-11	5.82E-13	1.33E-11	1.81E-09	1.68E-10	2.16E-09
1328	NG_24	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.607	7.55E-09	1.33E-08	5.40E-08	6.19E-10	3.81E-12	7.13E-07	2.26E-09	7.05E-10	1.38E-17	3.66E-10	9.67E-13	6.75E-13	1.07E-11	6.67E-12	4.00E-11	6.32E-13	1.44E-11	1.97E-09	1.82E-10	2.35E-09
1329	NG_25	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.607	8.10E-09	1.46E-08	5.93E-08	6.77E-10	4.13E-12	7.71E-07	2.45E-09	7.64E-10	1.50E-17	3.97E-10	1.05E-12	7.31E-13	1.16E-11	7.23E-12	4.34E-11	6.86E-13	1.57E-11	2.14E-09	1.98E-10	2.55E-09
1330	NG_26	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.607	8.69E-09	1.59E-08	6.50E-08	7.45E-10	4.48E-12	8.32E-07	2.65E-09	8.28E-10	1.62E-17	4.30E-10	1.13E-12	7.90E-13	1.26E-11	7.82E-12	4.69E-11	7.42E-13	1.70E-11	2.31E-09	2.14E-10	2.76E-09
1331	NG_27	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.607	9.27E-09	1.72E-08	7.05E-08	8.20E-10	4.81E-12	8.87E-07	2.85E-09	8.90E-10	1.74E-17	4.62E-10	1.22E-12	8.48E-13	1.35E-11	8.41E-12	5.05E-11	7.98E-13	1.82E-11	2.49E-09	2.30E-10	2.97E-09
1332	NG_28	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.607	9.90E-09	1.85E-08	7.62E-08	9.10E-10	5.17E-12	9.42E-07	3.06E-09	9.56E-10	1.87E-17	4.96E-10	1.31E-12	9.10E-13	1.45E-11	9.03E-12	5.42E-11	8.57E-13	1.96E-11	2.67E-09	2.47E-10	3.18E-09
1333	NG_29	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.607	1.07E-08	2.01E-08	8.29E-08	1.03E-09	5.58E-12	1.01E-06	3.31E-09	1.03E-09	2.02E-17	5.36E-10	1.41E-12	9.83E-13	1.57E-11	9.76E-12	5.86E-11	9.26E-13	2.12E-11	2.89E-09	2.67E-10	3.44E-09
1334	NG_30	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.607	1.15E-08	2.19E-08	9.03E-08	1.18E-09	6.05E-12	1.08E-06	3.59E-09	1.12E-09	2.19E-17	5.81E-10	1.53E-12	1.06E-12	1.70E-11	1.06E-11	6.35E-11	1.00E-12	2.29E-11	3.13E-09	2.90E-10	3.73E-09
1335	NG_31	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.607	1.25E-08	2.38E-08	9.83E-08	1.36E-09	6.56E-12	1.16E-06	3.89E-09	1.21E-09	2.37E-17	6.30E-10	1.66E-12	1.15E-12	1.84E-11	1.15E-11	6.88E-11	1.09E-12	2.49E-11	3.39E-09	3.14E-10	4.04E-09
1336	NG_32	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.607	1.35E-08	2.58E-08	1.07E-07	1.58E-09	7.08E-12	1.25E-06	4.20E-09	1.31E-09	2.56E-17	6.80E-10	1.79E-12	1.25E-12	1.99E-11	1.24E-11	7.43E-11	1.18E-12	2.69E-11	3.66E-09	3.39E-10	4.37E-09
1337	NG_33	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.607	1.45E-08	2.80E-08	1.16E-07	1.84E-09	7.66E-12	1.34E-06	4.54E-09	1.42E-09	2.77E-17	7.35E-10	1.94E-12	1.35E-12	2.15E-11	1.34E-11	8.03E-11	1.27E-12	2.90E-11	3.96E-09	3.67E-10	4.72E-09
1338	NG_34	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.607	1.57E-08	3.03E-08	1.25E-07	2.13E-09	8.25E-12	1.43E-06	4.89E-09	1.53E-09	2.98E-17	7.92E-10	2.09E-12	1.45E-12	2.32E-11	1.44E-11	8.65E-11	1.37E-12	3.13E-11	4.27E-09	3.95E-10	5.08E-09
1339	NG_35	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.607	1.67E-08	3.23E-08	1.33E-07	2.43E-09	8.79E-12	1.51E-06	5.21E-09	1.63E-09	3.18E-17	8.44E-10	2.23E-12	1.55E-12	2.47E-11	1.54E-11	9.22E-11	1.46E-12	3.33E-11	4.54E-09	4.21E-10	5.42E-09
1340	NG_36	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.607	1.76E-08	3.42E-08	1.40E-07	2.75E-09	9.28E-12	1.59E-06	5.50E-09	1.72E-09	3.36E-17	8.91E-10	2.35E-12	1.64E-12	2.61E-11	1.62E-11	9.74E-11	1.54E-12	3.52E-11	4.80E-09	4.44E-10	5.72E-09
1341	NG_37	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.607	1.84E-08	3.59E-08	1.47E-07	3.08E-09	9.71E-12	1.66E-06	5.76E-09	1.80E-09	3.51E-17	9.33E-10	2.46E-12	1.71E-12	2.73E-11	1.70E-11	1.02E-10	1.61E-12	3.68E-11	5.02E-09	4.65E-10	5.99E-09
1342	NG_38	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.607	1.89E-08	3.71E-08	1.50E-07	3.39E-09	1.00E-11	1.70E-06	5.93E-09	1.85E-09	3.62E-17	9.61E-10	2.54E-12	1.76E-12	2.81E-11	1.75E-11	1.05E-10	1.66E-12	3.79E-11	5.18E-09	4.79E-10	6.17E-09
1343	NG_39	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.607	1.93E-08	3.79E-08	1.52E-07	3.70E-09	1.02E-11	1.73E-06	6.05E-09	1.89E-09	3.69E-17	9.81E-10	2.59E-12	1.80E-12	2.87E-11	1.79E-11	1.07E-10	1.69E-12	3.87E-11	5.28E-09	4.89E-10	6.29E-09
1344	NG_40	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.607	1.94E-08	3.82E-08	1.52E-07	3.97E-09	1.03E-11	1.74E-06	6.09E-09	1.90E-09	3.72E-17	9.87E-10	2.60E-12	1.81E-12	2.89E-11	1.80E-11	1.08E-10	1.70E-12	3.89E-11	5.31E-09	4.92E-10	6.33E-09
1345	NG_41	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.607	1.94E-08	3.84E-08	1.51E-07	4.21E-09	1.03E-11	1.74E-06	6.10E-09	1.90E-09	3.73E-17	9.89E-10	2.61E-12	1.82E-12	2.90E-11	1.80E-11	1.08E-10	1.71E-12	3.90E-11	5.33E-09	4.93E-10	6.35E-09
1366	NG_62	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.657	6.67E-09	1.18E-08	4.66E-08	5.48E-10	3.39E-12	6.34E-07	2.00E-09	6.25E-10	1.22E-17	3.25E-10	8.59E-13	6.01E-13	9.51E-12	5.92E-12	3.55E-11	5.61E-13	1.28E-11	1.75E-09	1.62E-10	2.08E-09
1367	NG_63	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.657	7.31E-09	1.30E-08	5.22E-08	6.06E-10	3.73E-12	7.03E-07	2.21E-09	6.89E-10	1.35E-17	3.58E-10	9.46E-13	6.61E-13	1.05E-11	6.52E-12	3.91E-11	6.18E-13	1.41E-11	1.93E-09	1.78E-10	2.30E-09
1368	NG_64	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.657	7.87E-09	1.42E-08	5.73E-08	6.61E-10	4.04E-12	7.60E-07	2.39E-09	7.47E-10	1.46E-17	3.88E-10	1.03E-12	7.16E-13	1.14E-11	7.07E-12	4.24E-11	6.71E-13	1.53E-11	2.09E-09	1.93E-10	2.49E-09
1369	NG_65	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.657	8.44E-09	1.55E-08	6.25E-08	7.18E-10	4.36E-12	8.15E-07	2.59E-09	8.07E-10	1.58E-17	4.19E-10	1.11E-12	7.72E-13	1.23E-11	7.63E-12	4.58E-11	7.24E-13	1.65E-11	2.26E-09	2.09E-10	2.69E-09
1370	NG_66	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.657	9.11E-09	1.69E-08	6.88E-08	7.89E-10	4.74E-12	8.86E-07	2.81E-09	8.77E-10	1.72E-17	4.55E-10	1.20E-12	8.38E-13	1.33E-11	8.29E-12	4.97E-11	7.87E-13	1.80E-11	2.45E-09	2.27E-10	2.92E-09
1371	NG_67	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.657	9.81E-09	1.84E-08	7.53E-08	8.73E-10	5.14E-12	9.59E-07	3.04E-09	9.50E-10	1.86E-17	4.93E-10	1.30E-12	9.06E-13	1.45E-11	8.99E-12	5.39E-11	8.53E-13	1.95E-11	2.66E-09	2.46E-10	3.17E-09
1372	NG_68	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.657	1.04E-08	1.98E-08	8.09E-08	9.60E-10	5.49E-12	1.01E-06	3.25E-09	1.02E-09	1.99E-17	5.27E-10	1.39E-12	9.68E-13	1.54E-11	9.60E-12	5.76E-11	9.11E-13	2.08E-11	2.84E-09	2.63E-10	3.39E-09
1373	NG_69	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.657	1.12E-08	2.13E-08	8.73E-08	1.07E-09	5.89E-12	1.07E-06	3.49E-09	1.09E-09	2.13E-17	5.66E-10	1.49E-12	1.04E-12	1.66E-11	1.03E-11	6.18E-11	9.78E-13	2.23E-11	3.05E-09	2.82E-10	3.63E-09
1374	NG_70	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.657	1.21E-08	2.32E-08	9.53E-08	1.23E-09	6.40E-12	1.16E-06	3.79E-09	1.18E-09	2.31E-17	6.14E-10	1.62E-12	1.13E-12	1.80E-11	1.12E-11	6.71E-11	1.06E-12	2.42E-11	3.31E-09	3.06E-10	3.94E-09
1375	NG_71	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.657	1.31E-08	2.54E-08	1.04E-07	1.43E-09	6.96E-12	1.25E-06	4.12E-09	1.29E-09	2.52E-17	6.68E-10	1.76E-12	1.22E-12	1.96E-11	1.22E-11	7.30E-11	1.15E-12	2.64E-11	3.60E-09	3.33E-10	4.29E-09
1376	NG_72	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.657	1.42E-08	2.76E-08	1.13E-07	1.67E-09	7.55E-12	1.34E-06	4.48E-09	1.40E-09	2.73E-17	7.25E-10	1.91E-12	1.33E-12	2.12E-11	1.32E-11	7.92E-11	1.25E-12	2.86E-11	3.91E-09	3.62E-10	4.66E-09
1377	NG_73	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.657	1.54E-08	3.02E-08	1.24E-07	1.97E-09	8.22E-12	1.45E-06	4.87E-09	1.52E-09	2.97E-17	7.89E-10	2.08E-12	1.45E-12	2.31E-11	1.44E-11	8.62E-11	1.36E-12	3.12E-11	4.25E-09	3.94E-10	5.07E-09
1378	NG_74	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.657	1.67E-08	3.27E-08	1.34E-07	2.30E-09	8.88E-12	1.56E-06	5.26E-09	1.64E-09	3.21E-17	8.53E-10	2.25E-12	1.56E-12	2.50E-11	1.55E-11	9.32E-11	1.47E-12	3.37E-11	4.59E-09	4.25E-10	5.48E-09
1379	NG_75	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.657	1.78E-08	3.51E-08	1.44E-07	2.66E-09	9.51E-12	1.66E-06	5.63E-09	1.76E-09	3.44E-17	9.13E-10	2.41E-12	1.67E-12	2.67E-11	1.66E-11	9.98E-11	1.58E-12	3.60E-11	4.92E-09	4.55E-10	5.86E-09
1380	NG_76	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.657	1.89E-08	3.73E-08	1.52E-07	3.04E-09	1.01E-11	1.74E-06	5.96E-09	1.86E-09	3.64E-17	9.66E-10	2.55E-12	1.77E-12	2.83E-11	1.76E-11	1.06E-10	1.67E-12	3.81E-11	5.20E-09	4.82E-10	6.20E-09
1381	NG_77	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.657	1.98E-08	3.93E-08	1.60E-07	3.42E-09	1.06E-11	1.83E-06	6.27E-09	1.96E-09	3.83E-17	1.02E-09	2.68E-12	1.87E-12	2.98E-11	1.85E-11	1.11E-10	1.76E-12	4.01E-11	5.47E-09	5.06E-10	6.52E-09
1382	NG_78	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.657	2.05E-08	4.07E-08	1.65E-07	3.79E-09	1.09E-11	1.89E-06	6.48E-09	2.02E-09	3.96E-17	1.05E-09	2.77E-12	1.93E-12	3.08E-11	1.91E-11	1.15E-10	1.81E-12	4.14E-11	5.66E-09	5.23E-10	6.74E-09
1383	NG_79	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.657	2.10E-08	4.18E-08	1.68E-07	4.15E-09	1.12E-11	1.94E-06	6.65E-09	2.08E-09	4.06E-17	1.08E-09	2.84E-12	1.98E-12	3.16E-11	1.96E-11	1.18E-10	1.86E-12	4.25E-11	5.81E-09	5.37E-10	6.92E-09
1384	NG_80	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.657	2.12E-08	4.23E-08	1.69E-07	4.48E-09	1.13E-11	1.96E-06	6.72E-09	2.10E-09	4.10E-17	1.09E-09	2.87E-12	2.00E-12	3.19E-11	1.98E-11	1.19E-10	1.88E-12	4.30E-11	5.86E-09	5.43E-10	6.99E-09
1385	NG_81	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.657	2.10E-08	4.20E-08	1.66E-07	4.74E-09	1.12E-11	1.94E-06	6.66E-09	2.08E-09	4.07E-17	1.08E-09	2.85E-12	1.98E-12	3.16E-11	1.97E-11	1.18E-10	1.86E-12	4.26E-11	5.81E-09	5.38E-10	6.93E-09
1386	NG_82	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.657	2.08E-08	4.17E-08	1.63E-07	4.97E-09	1.12E-11	1.92E-06	6.61E-09	2.06E-09	4.04E-17	1.07E-09	2.83E-12	1.97E-12	3.14E-11	1.95E-11	1.17E-10	1.85E-12	4.23E-11	5.77E-09	5.34E-10	6.88E-09
1392	NG_88	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.707	7.55E-09	1.33E-08	5.30E-08	6.83E-10	3.84E-12	7.32E-07	2.26E-09	7.06E-10	1.38E-17	3.67E-10	9.80E-13	6.99E-13	1.07E-11	6.71E-12	4.00E-11	6.35E-13	1.44E-11	1.97E-09	1.83E-10	2.35E-09
1402	NG_98	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.707	6.01E-09	1.07E-08	4.15E-08	5.07E-10	3.09E-12	5.72E-07	1.83E-09	5.70E-10	1.12E-17	2.96E-10	7.88E-13	5.56E-13	8.68E-12	5.41E-12	3.24E-11	5.12E-13	1.17E-11	1.60E-09	1.48E-10	1.90E-09
1403	NG_99	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.707	6.05E-09	1.08E-08	4.19E-08	5.08E-10	3.11E-12	5.77E-07	1.84E-09	5.74E-10	1.12E-17	2.98E-10	7.92E-13	5.58E-13	8.73E-12	5.44E-12	3.26E-11	5.16E-13	1.18E-11	1.61E-09	1.49E-10	1.91E-09
1404	NG_100	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.707	6.14E-09	1.10E-08	4.26E-08	5.15E-10	3.16E-12	5.86E-07	1.87E-09	5.84E-10	1.14E-17	3.03E-10	8.04E-13	5.65E-13	8.88E-12	5.53E-12	3.31E-11	5.24E-13	1.20E-11	1.63E-09	1.51E-10	1.94E-09
1405	NG_101	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.707	6.37E-09	1.14E-08	4.46E-08	5.35E-10	3.29E-12	6.08E-07	1.94E-09	6.07E-10	1.19E-17	3.15E-10	8.35E-13	5.86E-13	9.23E-12	5.75E-12	3.44E-11	5.45E-13	1.24E-11	1.70E-09	1.57E-10	2.02E-09
1406	NG_102	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.707	6.81E-09	1.23E-08	4.83E-08	5.75E-10	3.52E-12	6.55E-07	2.09E-09	6.51E-10	1.27E-17	3.38E-10	8.95E-13	6.27E-13	9.90E-12	6.16E-12	3.69E-11	5.84E-13	1.33E-11	1.82E-09	1.68E-10	2.17E-09
1407	NG_103	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.707	7.39E-09	1.35E-08	5.33E-08	6.30E-10	3.84E-12	7.17E-07	2.27E-09	7.09E-10	1.39E-17	3.68E-10	9.74E-13	6.81E-13	1.08E-11	6.71E-12	4.02E-11	6.36E-13	1.45E-11	1.98E-09	1.84E-10	2.36E-09
1408	NG_104	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.707	8.11E-09	1.50E-08	5.95E-08	6.97E-10	4.23E-12	7.94E-07	2.50E-09	7.81E-10	1.53E-17	4.06E-10	1.07E-12	7.49E-13	1.19E-11	7.39E-12	4.43E-11	7.01E-13	1.60E-11	2.18E-09	2.02E-10	2.60E-09
1409	NG_105	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.707	8.80E-09	1.64E-08	6.56E-08	7.64E-10	4.61E-12	8.64E-07	2.73E-09	8.51E-10	1.67E-17	4.42E-10	1.17E-12	8.16E-13	1.30E-11	8.05E-12	4.83E-11	7.64E-13	1.74E-11	2.38E-09	2.20E-10	2.84E-09

AQIA DATA - SCENARIO 1 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1410	NG_106	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.707	9.51E-09	1.79E-08	7.20E-08	8.36E-10	5.00E-12	9.36E-07	2.96E-09	9.24E-10	1.81E-17	4.80E-10	1.27E-12	8.84E-13	1.41E-11	8.74E-12	5.24E-11	8.29E-13	1.89E-11	2.59E-09	2.39E-10	3.08E-09
1411	NG_107	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.707	1.02E-08	1.94E-08	7.86E-08	9.17E-10	5.40E-12	1.01E-06	3.20E-09	9.99E-10	1.95E-17	5.19E-10	1.37E-12	9.54E-13	1.52E-11	9.45E-12	5.67E-11	8.96E-13	2.05E-11	2.79E-09	2.59E-10	3.33E-09
1412	NG_108	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.707	1.11E-08	2.12E-08	8.61E-08	1.02E-09	5.86E-12	1.09E-06	3.48E-09	1.08E-09	2.12E-17	5.63E-10	1.49E-12	1.03E-12	1.65E-11	1.03E-11	6.15E-11	9.73E-13	2.22E-11	3.03E-09	2.81E-10	3.61E-09
1413	NG_109	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.707	1.18E-08	2.28E-08	9.29E-08	1.13E-09	6.29E-12	1.16E-06	3.73E-09	1.16E-09	2.28E-17	6.04E-10	1.59E-12	1.11E-12	1.77E-11	1.10E-11	6.60E-11	1.04E-12	2.38E-11	3.25E-09	3.01E-10	3.88E-09
1414	NG_110	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.707	1.27E-08	2.46E-08	1.00E-07	1.28E-09	6.76E-12	1.23E-06	4.01E-09	1.25E-09	2.45E-17	6.50E-10	1.71E-12	1.19E-12	1.90E-11	1.18E-11	7.10E-11	1.12E-12	2.56E-11	3.50E-09	3.24E-10	4.17E-09
1415	NG_111	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.707	1.37E-08	2.68E-08	1.09E-07	1.48E-09	7.33E-12	1.32E-06	4.35E-09	1.36E-09	2.65E-17	7.04E-10	1.86E-12	1.29E-12	2.06E-11	1.28E-11	7.70E-11	1.22E-12	2.78E-11	3.79E-09	3.51E-10	4.52E-09
1416	NG_112	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.707	1.50E-08	2.93E-08	1.20E-07	1.75E-09	8.00E-12	1.43E-06	4.74E-09	1.48E-09	2.90E-17	7.68E-10	2.03E-12	1.41E-12	2.25E-11	1.40E-11	8.39E-11	1.33E-12	3.03E-11	4.14E-09	3.83E-10	4.93E-09
1417	NG_113	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.707	1.63E-08	3.21E-08	1.31E-07	2.08E-09	8.72E-12	1.55E-06	5.17E-09	1.61E-09	3.16E-17	8.37E-10	2.21E-12	1.54E-12	2.45E-11	1.52E-11	9.15E-11	1.45E-12	3.31E-11	4.51E-09	4.18E-10	5.38E-09
1418	NG_114	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.707	1.78E-08	3.51E-08	1.43E-07	2.47E-09	9.51E-12	1.68E-06	5.64E-09	1.76E-09	3.44E-17	9.13E-10	2.41E-12	1.67E-12	2.68E-11	1.66E-11	9.98E-11	1.58E-12	3.61E-11	4.92E-09	4.55E-10	5.86E-09
1419	NG_115	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.707	1.92E-08	3.81E-08	1.55E-07	2.91E-09	1.03E-11	1.82E-06	6.10E-09	1.90E-09	3.72E-17	9.88E-10	2.61E-12	1.81E-12	2.89E-11	1.80E-11	1.08E-10	1.71E-12	3.90E-11	5.32E-09	4.92E-10	6.34E-09
1420	NG_116	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.707	2.04E-08	4.06E-08	1.65E-07	3.36E-09	1.09E-11	1.92E-06	6.48E-09	2.02E-09	3.96E-17	1.05E-09	2.77E-12	1.93E-12	3.08E-11	1.91E-11	1.15E-10	1.81E-12	4.14E-11	5.66E-09	5.23E-10	6.74E-09
1421	NG_117	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.707	2.14E-08	4.28E-08	1.73E-07	3.81E-09	1.15E-11	2.02E-06	6.82E-09	2.13E-09	4.16E-17	1.10E-09	2.91E-12	2.03E-12	3.24E-11	2.01E-11	1.21E-10	1.91E-12	4.36E-11	5.95E-09	5.51E-10	7.09E-09
1422	NG_118	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.707	2.23E-08	4.46E-08	1.80E-07	4.25E-09	1.20E-11	2.10E-06	7.09E-09	2.21E-09	4.33E-17	1.15E-09	3.03E-12	2.11E-12	3.36E-11	2.09E-11	1.25E-10	1.98E-12	4.53E-11	6.19E-09	5.73E-10	7.37E-09
1423	NG_119	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.707	2.28E-08	4.56E-08	1.83E-07	4.65E-09	1.22E-11	2.14E-06	7.24E-09	2.26E-09	4.42E-17	1.17E-09	3.10E-12	2.15E-12	3.44E-11	2.14E-11	1.28E-10	2.03E-12	4.63E-11	6.32E-09	5.85E-10	7.53E-09
1424	NG_120	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.707	2.31E-08	4.64E-08	1.85E-07	5.04E-09	1.24E-11	2.18E-06	7.35E-09	2.29E-09	4.49E-17	1.19E-09	3.14E-12	2.19E-12	3.49E-11	2.17E-11	1.30E-10	2.06E-12	4.70E-11	6.42E-09	5.94E-10	7.65E-09
1425	NG_121	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.707	2.32E-08	4.67E-08	1.85E-07	5.38E-09	1.25E-11	2.20E-06	7.38E-09	2.30E-09	4.51E-17	1.20E-09	3.16E-12	2.20E-12	3.50E-11	2.18E-11	1.31E-10	2.07E-12	4.72E-11	6.45E-09	5.97E-10	7.68E-09
1426	NG_122	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.707	2.28E-08	4.59E-08	1.80E-07	5.63E-09	1.23E-11	2.16E-06	7.26E-09	2.27E-09	4.43E-17	1.18E-09	3.10E-12	2.16E-12	3.45E-11	2.14E-11	1.29E-10	2.03E-12	4.64E-11	6.34E-09	5.86E-10	7.55E-09
1427	NG_123	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.707	2.22E-08	4.48E-08	1.74E-07	5.81E-09	1.20E-11	2.10E-06	7.09E-09	2.21E-09	4.33E-17	1.15E-09	3.03E-12	2.11E-12	3.36E-11	2.09E-11	1.25E-10	1.98E-12	4.53E-11	6.19E-09	5.72E-10	7.37E-09
1433	NG_129	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.757	8.36E-09	1.52E-08	6.07E-08	7.93E-10	4.35E-12	8.30E-07	2.56E-09	7.99E-10	1.56E-17	4.16E-10	1.11E-12	7.92E-13	1.22E-11	7.60E-12	4.54E-11	7.19E-13	1.64E-11	2.24E-09	2.07E-10	2.67E-09
1434	NG_130	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.757	8.17E-09	1.49E-08	5.92E-08	7.70E-10	4.26E-12	8.11E-07	2.51E-09	7.83E-10	1.53E-17	4.07E-10	1.09E-12	7.76E-13	1.19E-11	7.44E-12	4.44E-11	7.05E-13	1.60E-11	2.19E-09	2.03E-10	2.61E-09
1435	NG_131	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.757	7.94E-09	1.45E-08	5.72E-08	7.42E-10	4.14E-12	7.84E-07	2.44E-09	7.62E-10	1.49E-17	3.96E-10	1.06E-12	7.54E-13	1.16E-11	7.24E-12	4.32E-11	6.86E-13	1.56E-11	2.13E-09	1.97E-10	2.54E-09
1436	NG_132	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.757	7.73E-09	1.41E-08	5.55E-08	7.16E-10	4.04E-12	7.60E-07	2.38E-09	7.43E-10	1.45E-17	3.86E-10	1.03E-12	7.35E-13	1.13E-11	7.06E-12	4.22E-11	6.68E-13	1.52E-11	2.08E-09	1.92E-10	2.48E-09
1437	NG_133	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.757	7.51E-09	1.37E-08	5.38E-08	6.89E-10	3.93E-12	7.36E-07	2.32E-09	7.24E-10	1.42E-17	3.76E-10	1.00E-12	7.15E-13	1.10E-11	6.88E-12	4.11E-11	6.51E-13	1.48E-11	2.03E-09	1.87E-10	2.41E-09
1442	NG_138	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.757	6.68E-09	1.22E-08	4.73E-08	5.88E-10	3.50E-12	6.47E-07	2.07E-09	6.46E-10	1.26E-17	3.36E-10	8.93E-13	6.32E-13	9.83E-12	6.13E-12	3.66E-11	5.80E-13	1.32E-11	1.81E-09	1.67E-10	2.15E-09
1443	NG_139	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.757	6.60E-09	1.21E-08	4.67E-08	5.78E-10	3.46E-12	6.39E-07	2.04E-09	6.38E-10	1.25E-17	3.31E-10	8.81E-13	6.22E-13	9.71E-12	6.05E-12	3.62E-11	5.73E-13	1.31E-11	1.78E-09	1.65E-10	2.13E-09
1444	NG_140	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.757	6.61E-09	1.21E-08	4.68E-08	5.76E-10	3.47E-12	6.41E-07	2.05E-09	6.39E-10	1.25E-17	3.32E-10	8.82E-13	6.21E-13	9.73E-12	6.06E-12	3.63E-11	5.74E-13	1.31E-11	1.79E-09	1.65E-10	2.13E-09
1445	NG_141	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.757	6.72E-09	1.23E-08	4.76E-08	5.84E-10	3.52E-12	6.50E-07	2.08E-09	6.50E-10	1.27E-17	3.38E-10	8.95E-13	6.29E-13	9.89E-12	6.16E-12	3.69E-11	5.84E-13	1.33E-11	1.82E-09	1.68E-10	2.17E-09
1446	NG_142	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.757	6.98E-09	1.28E-08	4.98E-08	6.07E-10	3.66E-12	6.74E-07	2.17E-09	6.76E-10	1.32E-17	3.51E-10	9.30E-13	6.53E-13	1.03E-11	6.40E-12	3.83E-11	6.07E-13	1.38E-11	1.89E-09	1.75E-10	2.25E-09
1447	NG_143	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.757	7.49E-09	1.39E-08	5.41E-08	6.54E-10	3.94E-12	7.29E-07	2.33E-09	7.27E-10	1.42E-17	3.78E-10	1.00E-12	7.00E-13	1.11E-11	6.89E-12	4.13E-11	6.53E-13	1.49E-11	2.03E-09	1.88E-10	2.42E-09
1448	NG_144	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.757	8.19E-09	1.53E-08	6.00E-08	7.20E-10	4.32E-12	8.04E-07	2.55E-09	7.97E-10	1.56E-17	4.14E-10	1.10E-12	7.66E-13	1.21E-11	7.54E-12	4.52E-11	7.16E-13	1.63E-11	2.23E-09	2.06E-10	2.66E-09
1449	NG_145	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.757	8.97E-09	1.69E-08	6.67E-08	7.95E-10	4.74E-12	8.86E-07	2.81E-09	8.76E-10	1.71E-17	4.55E-10	1.20E-12	8.41E-13	1.33E-11	8.29E-12	4.97E-11	7.87E-13	1.80E-11	2.45E-09	2.27E-10	2.92E-09
1450	NG_146	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.757	9.78E-09	1.86E-08	7.38E-08	8.75E-10	5.18E-12	9.69E-07	3.07E-09	9.58E-10	1.87E-17	4.98E-10	1.31E-12	9.17E-13	1.46E-11	9.06E-12	5.44E-11	8.60E-13	1.96E-11	2.68E-09	2.48E-10	3.19E-09
1451	NG_147	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.757	1.06E-08	2.03E-08	8.13E-08	9.63E-10	5.65E-12	1.06E-06	3.35E-09	1.05E-09	2.04E-17	5.43E-10	1.43E-12	9.99E-13	1.59E-11	9.88E-12	5.93E-11	9.38E-13	2.14E-11	2.92E-09	2.71E-10	3.48E-09
1452	NG_148	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.757	1.15E-08	2.21E-08	8.91E-08	1.06E-09	6.14E-12	1.15E-06	3.64E-09	1.13E-09	2.22E-17	5.89E-10	1.55E-12	1.08E-12	1.73E-11	1.07E-11	6.44E-11	1.02E-12	2.32E-11	3.17E-09	2.94E-10	3.78E-09
1453	NG_149	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.757	1.24E-08	2.41E-08	9.73E-08	1.19E-09	6.65E-12	1.24E-06	3.94E-09	1.23E-09	2.40E-17	6.38E-10	1.68E-12	1.17E-12	1.87E-11	1.16E-11	6.97E-11	1.10E-12	2.52E-11	3.44E-09	3.18E-10	4.10E-09
1454	NG_150	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.757	1.34E-08	2.61E-08	1.06E-07	1.34E-09	7.19E-12	1.33E-06	4.26E-09	1.33E-09	2.60E-17	6.91E-10	1.82E-12	1.27E-12	2.02E-11	1.26E-11	7.55E-11	1.19E-12	2.73E-11	3.72E-09	3.44E-10	4.43E-09
1455	NG_151	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.757	1.46E-08	2.85E-08	1.15E-07	1.55E-09	7.80E-12	1.42E-06	4.63E-09	1.44E-09	2.82E-17	7.50E-10	1.98E-12	1.37E-12	2.20E-11	1.36E-11	8.19E-11	1.30E-12	2.96E-11	4.04E-09	3.74E-10	4.81E-09
1456	NG_152	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.757	1.58E-08	3.12E-08	1.26E-07	1.82E-09	8.51E-12	1.54E-06	5.04E-09	1.57E-09	3.08E-17	8.17E-10	2.15E-12	1.50E-12	2.39E-11	1.49E-11	8.93E-11	1.41E-12	3.23E-11	4.40E-09	4.07E-10	5.25E-09
1457	NG_153	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.757	1.73E-08	3.42E-08	1.38E-07	2.18E-09	9.30E-12	1.67E-06	5.51E-09	1.72E-09	3.36E-17	8.93E-10	2.35E-12	1.64E-12	2.62E-11	1.63E-11	9.76E-11	1.54E-12	3.52E-11	4.81E-09	4.45E-10	5.73E-09
1458	NG_154	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.757	1.88E-08	3.73E-08	1.51E-07	2.61E-09	1.01E-11	1.80E-06	5.99E-09	1.87E-09	3.66E-17	9.71E-10	2.56E-12	1.78E-12	2.84E-11	1.77E-11	1.06E-10	1.68E-12	3.83E-11	5.23E-09	4.84E-10	6.23E-09
1459	NG_155	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.757	2.04E-08	4.07E-08	1.64E-07	3.13E-09	1.10E-11	1.96E-06	6.52E-09	2.03E-09	3.98E-17	1.06E-09	2.79E-12	1.94E-12	3.09E-11	1.92E-11	1.15E-10	1.82E-12	4.17E-11	5.69E-09	5.26E-10	6.78E-09
1460	NG_156	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.757	2.20E-08	4.40E-08	1.77E-07	3.69E-09	1.18E-11	2.11E-06	7.02E-09	2.19E-09	4.29E-17	1.14E-09	3.00E-12	2.09E-12	3.33E-11	2.07E-11	1.24E-10	1.97E-12	4.49E-11	6.13E-09	5.67E-10	7.30E-09
1461	NG_157	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.757	2.33E-08	4.68E-08	1.88E-07	4.26E-09	1.26E-11	2.24E-06	7.44E-09	2.32E-09	4.55E-17	1.21E-09	3.18E-12	2.21E-12	3.53E-11	2.20E-11	1.32E-10	2.08E-12	4.76E-11	6.50E-09	6.01E-10	7.74E-09
1462	NG_158	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.757	2.43E-08	4.89E-08	1.96E-07	4.80E-09	1.31E-11	2.34E-06	7.76E-09	2.42E-09	4.74E-17	1.26E-09	3.32E-12	2.31E-12	3.69E-11	2.29E-11	1.37E-10	2.17E-12	4.97E-11	6.78E-09	6.27E-10	8.08E-09
1463	NG_159	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.757	2.50E-08	5.04E-08	2.01E-07	5.29E-09	1.35E-11	2.41E-06	7.99E-09	2.49E-09	4.88E-17	1.29E-09	3.41E-12	2.38E-12	3.79E-11	2.36E-11	1.41E-10	2.24E-12	5.11E-11	6.97E-09	6.45E-10	8.31E-09
1464	NG_160	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.757	2.53E-08	5.10E-08	2.02E-07	5.71E-09	1.36E-11	2.44E-06	8.06E-09	2.52E-09	4.92E-17	1.31E-09	3.45E-12	2.40E-12	3.83E-11	2.38E-11	1.43E-10	2.26E-12	5.16E-11	7.04E-09	6.51E-10	8.39E-09
1465	NG_161	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.757	2.53E-08	5.12E-08	2.02E-07	6.09E-09	1.36E-11	2.45E-06	8.09E-09	2.52E-09	4.94E-17	1.31E-09	3.46E-12	2.41E-12	3.84E-11	2.39E-11	1.43E-10	2.26E-12	5.17E-11	7.06E-09	6.53E-10	8.41E-09
1466	NG_162	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.757	2.52E-08	5.10E-08	2.00E-07	6.41E-09	1.36E-11	2.45E-06	8.05E-09	2.51E-09	4.92E-17	1.30E-09	3.44E-12	2.40E-12	3.82E-11	2.38E-11	1.43E-10	2.25E-12	5.15E-11	7.03E-09	6.50E-10	8.37E-09
1467	NG_163	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.757	2.46E-08	4.98E-08	1.93E-07	6.63E-09	1.33E-11	2.39E-06	7.86E-09	2.45E-09	4.80E-17	1.27E-09	3.36E-12	2.34E-12	3.73E-11	2.32E-11	1.39E-10	2.20E-12	5.03E-11	6.86E-09	6.35E-10	8.18E-09
1468	NG_164	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.757	2.39E-08	4.84E-08	1.86E-07	6.77E-09	1.29E-11	2.32E-06	7.63E-09	2.38E-09	4.66E-17	1.24E-09	3.26E-12	2.27E-12	3.62E-11	2.25E-11	1.35E-10	2.14E-12	4.88E-11	6.66E-09	6.16E-10	7.94E-09
1473	NG_169	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.807	9.49E-09	1.77E-08	7.07E-08	9.50E-10	5.00E-12	9.56E-07	2.95E-09	9.20E-10	1.80E-17	4.78E-10	1.28E-12	9.13E-13	1.40E-11	8.74E-12	5.22E-11	8.28E-13	1.88E-11	2.57E-09	2.38E-10	3.07E-09
1474	NG_170	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.807	9.30E-09	1.74E-08	6.90E-08	9.26E-10	4.91E-12	9.38E-07	2.90E-09	9.03E-10	1.77E-17	4.70E-10	1.25E-12	8.95E-13	1.37E-11	8.58E-12	5.12E-11	8.12E-13	1.85E-11	2.53E-09	2.34E-10	3.01E-09
1475	NG_171	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.807	9.09E-09	1.70E-08	6.72E-08	8.99E-10	4.81E-12	9.18E-07	2.83E-09	8.84E-10	1.73E-17	4.60E-10	1.23E-12	8.76E-13	1.35E-11	8.40E-12	5.01E-11	7.95E-13	1.81E-11	2.47E-09	2.29E-10	2.95E-09
1476	NG_172	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.807	8.90E-09	1.66E-08	6.57E-08	8.73E-10	4.72E-12	9.03E-07	2.78E-09	8.67E-10	1.70E-17	4.51E-10	1.20E-12	8.59E-13	1.32E-11	8.24E-12	4.92E-11	7.80E-13	1.78E-11	2.43E-09	2.24E-10	2.89E-09
1477	NG_173	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.807	8.67E-09	1.62E-08	6.37E-08	8.42E-10	4.60E-12	8.78E-07	2.71E-09	8.46E-10	1.66E-17	4.40E-10	1.17E-12	8.37E-13	1.29E-11	8.04E-12	4.80E-11	7.61E-13	1.73E-11	2.37E-09	2.19E-10	2.82E-09
1478	NG_174	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.807	8.45E-09	1.58E-08	6.18E-08	8.11E-10	4.49E-12	8.53E-07	2.65E-09	8.26E-10	1.62E-17	4.29E-10	1.15E-12	8.16E-13	1.26E-11	7.84E-12	4.68E-11	7.43E-13	1.69E-11	2.31E-09	2.14E-10	2.75E-09
1482	NG_178	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.807	7.67E-09	1.43E-08	5.55E-08	7.06E-10	4.07E-12	7.65E-07	2.40E-09	7.50E-10	1.47E-17	3.90E-10	1.04E-12	7.37E-13	1.14E-11	7.12E-12	4.26E-11	6.75E-13	1.54E-11	2.10E-09	1.94E-10	2.50E-09
1483	NG_179	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.807	7.46E-09	1.39E-08	5.37E-08	6.83E-10	3.96E-12	7.40E-07	2.34E-09	7.30E-10	1.43E-17	3.79E-10	1.01E-12	7.15E-13	1.11E-11	6.93E-12	4.14E-11	6.56E-13	1.49E-11	2.04E-09	1.89E-10	2.43E-09
1484	NG_180	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.807	7.36E-09	1.37E-08	5.29E-08	6.69E-10	3.91E-12	7.29E-07	2.31E-09	7.20E-10	1.41E-17	3.74E-10	9.94E-13	7.03E-13	1.10E-11	6.83E-12	4.08E-11	6.47E-13	1.47E-11	2.01E-09	1.86E-10	2.40E-09
1485	NG_181	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.807	7.34E-09	1.37E-08	5.27E-08	6.64E-10	3.89E-12	7.26E-07	2.30E-09	7.18E-10	1.41E-17	3.73E-10	9.91E-13	6.98E-13	1.09E-11	6.81E-12	4.07E-11	6.45E-13	1.47E-11	2.01E-09	1.86E-10	2.39E-09
1486	NG_182	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.807	7.48E-09	1.40E-08	5.38E-08	6.73E-10	3.97E-12	7.38E-07	2.35E-09	7.32E-10	1.43E-17	3.80E-10	1.01E-12	7.09E-13	1.11E-11	6.93E-12	4.15E-11	6.57E-13	1.50E-11	2.05E-09	1.89E-10	2.44E-09
1487	NG_183	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.807	7.80E-09	1.46E-08	5.64E-08	7.02E-10	4.14E-12	7.70E-07	2.45E-09	7.64E-10	1.50E-17	3.97E-10	1.05E-12	7.38E-13	1.16E-11	7.24E-12	4.34E-11	6.86E-13	1.57E-11	2.14E-09	1.98E-10	2.55E-09
1488	NG_184	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.807	8.38E-09	1.58E-08	6.12E-08	7.56E-10	4.45E-12	8.29E-07	2.64E-09	8.22E-10	1.61E-17	4.27E-10	1.13E-12	7.92E-13	1.25E-11	7.78E-12	4.66E-11	7.38E-13	1.68E-11	2.30E-09	2.13E-10	2.74E-09
1489	NG_185	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.807	9.19E-09	1.75E-08	6.80E-08	8.34E-10	4.89E-12	9.16E-07	2.90E-09	9.04E-10	1.77E-17	4.70E-10	1.24E-12	8.68E-13	1.38E-11	8.56E-12	5.13E-11	8.11E-13	1.85E-11	2.53E-09	2.34E-10	3.01E-09
1490	NG_186	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.807	1.02E-08	1.94E-08	7.63E-08	9.28E-10	5.42E-12	1.02E-06	3.21E-09	1.00E-09	1.96E-17	5.20E-10	1.37E-12	9.60E-13	1.52E-11	9.47E-12	5.68E-11	8.99E-13	2.05E-11	2.80E-09	2.59E-10	3.34E-09
1491	NG_187	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.807	1.11E-08	2.14E-08	8.45E-08	1.02E-09	5.94E-12	1.12E-06	3.52E-09	1.10E-09	2.15E-17	5.70E-10	1.51E-12	1.05E-12	1.67E-11	1.04E-11	6.23E-11	9.86E-13	2.25E-11	3.07E-09	2.84E-10	3.66E-09
1492	NG_188	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.807	1.20E-08	2.32E-08	9.22E-08	1.12E-09	6.43E-12	1.21E-06	3.81E-09	1.19E-09	2.33E-17	6.17E-10	1.63E-12	1.14E-12	1.81E-11	1.12E-11	6.74E-11	1.07E-12	2.44E-11	3.32E-09	3.08E-10	3.96E-09
1493	NG_189	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.807	1.30E-08	2.52E-08	1.01E-07	1.24E-09	6.97E-12	1.30E-06	4.13E-09	1.29E-09	2.52E-17	6.69E-10	1.77E-12	1.23E-12	1.96E-11	1.22E-11	7.31E-11	1.16E-12	2.64E-11	3.60E-09	3.34E-10	4.30E-09
1494	NG_190	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.807	1.41E-08	2.75E-08	1.11E-07	1.40E-09	7.59E-12	1.41E-06	4.50E-09	1.40E-09	2.75E-17	7.29E-10	1.92E-12	1.34E-12	2.13E-11	1.33E-11	7.96E-11	1.26E-12	2.88E-11	3.92E-09	3.63E-10	4.68E-09
1495	NG_191	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.807	1.55E-08	3.03E-08	1.22E-07	1.63E-09	8.32E-12	1.54E-06	4.93E-09	1.54E-09	3.01E-17	7.99E-10	2.11E-12	1.47E-12	2.34E-11	1.46E-11	8.73E-11	1.38E-12	3.15E-11	4.30E-09	3.98E-10	5.13E-09
1496	NG_192	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.807	1.69E-08	3.33E-08	1.34E-07	1.91E-09	9.09E-12	1.67E-06	5.39E-09	1.68E-09	3.29E-17	8.73E-10	2.30E-12	1.60E-12	2.56E-11	1.59E-11	9.54E-11	1.51E-12	3.45E-11	4.70E-09	4.35E-10	5.61E-09
1497	NG_193	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.807	1.85E-08	3.66E-08	1.47E-07	2.29E-09	9.96E-12	1.81E-06	5.91E-09	1.84E-09	3.61E-17	9.57E-10	2.52E-12	1.75E-12	2.80E-11	1.74E-11	1.05E-10	1.65E-12	3.78E-11	5.15E-09	4.77E-10	6.14E-09
1498	NG_194	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.807	2.02E-08	4.02E-08	1.61E-07	2.77E-09	1.09E-11	1.96E-06	6.46E-09	2.01E-09	3.94E-17	1.05E-09	2.76E-12	1.92E-12	3.06E-11	1.90E-11	1.14E-10	1.81E-12	4.13E-11	5.63E-09	5.22E-10	6.71E-09
1499	NG_195	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.807	2.20E-08	4.39E-08	1.76E-07	3.35E-09	1.19E-11	2.13E-06	7.03E-09	2.19E-09	4.29E-17	1.14E-09	3.00E-12	2.09E-12	3.34E-11	2.07E-11	1.24E-10	1.97E-12	4.50E-11	6.14E-09	5.68E-10	7.31E-09
1500	NG_196	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.807	2.38E-08	4.78E-08	1.91E-07	4.03E-09	1.28E-11	2.32E-06	7.61E-09	2.38E-09	4.65E-17	1.23E-09	3.25E-12	2.26E-12	3.61E-11	2.25E-11	1.35E-10	2.13E-12	4.87E-11	6.65E-09	6.15E-10	7.92E-09
1501	NG_197	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.807	2.54E-08	5.12E-08	2.04E-07	4.74E-09	1.37E-11	2.49E-06	8.14E-09	2.54E-09	4.97E-17	1.32E-09	3.48E-12	2.42E-12	3.86E-11	2.40E-11	1.44E-10	2.28E-12	5.21E-11	7.10E-09	6.57E-10	8.46E-09
1502	NG_198	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.807	2.67E-08	5.39E-08	2.13E-07	5.43E-09	1.44E-11	2.62E-06	8.54E-09	2.67E-09	5.22E-17	1.38E-09	3.65E-12	2.54E-12	4.05E-11	2.52E-11	1.51E-10	2.39E-12	5.46E-11	7.46E-09	6.90E-10	8.89E-09
1503	NG_199	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.807	2.76E-08	5.58E-08	2.20E-07	6.05E-09	1.49E-11	2.72E-06	8.83E-09	2.76E-09	5.39E-17	1.43E-09	3.78E-12	2.63E-12	4.19E-11	2.61E-11	1.56E-10	2.47E-12	5.65E-11	7.71E-09	7.14E-10	9.19E-09
1504	NG_200	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.807	2.81E-08	5.70E-08	2.24E-07	6.59E-09	1.52E-11	2.79E-06	9.00E-09	2.81E-09	5.49E-17	1.46E-09	3.85E-12	2.68E-12	4.27E-11	2.65E-11	1.59E-10	2.52E-12	5.75E-11	7.85E-09	7.27E-10	9.36E-09
1505	NG_201	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.807	2.83E-08	5.74E-08	2.25E-07	7.03E-09	1.53E-11	2.82E-06	9.05E-09	2.83E-09	5.53E-17	1.47E-09	3.87E-12	2.69E-12	4.30E-11	2.67E-11	1.60E-10	2.53E-12	5.79E-11	7.90E-09	7.31E-10	9.42E-09
1506	NG_202	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.807	2.80E-08	5.69E-08	2.22E-07	7.36E-09	1.51E-11	2.80E-06	8.97E-09	2.80E-09	5.48E-17	1.45E-09	3.83E-12	2.67E-12	4.26E-11	2.65E-11	1.59E-10	2.51E-12	5.74E-11	7.83E-09	7.25E-10	9.33E-09
1507	NG_203	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.807	2.74E-08	5.57E-08	2.16E-07	7.61E-09	1.48E-11	2.74E-06	8.78E-09	2.74E-09	5.36E-17	1.42E-09	3.75E-12	2.61E-12	4.17E-11	2.59E-11	1.55E-10	2.46E-12	5.61E-11	7.66E-09	7.09E-10	9.13E-09
1508	NG_204	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.807	2.65E-08	5.39E-08	2.07E-07	7.75E-09	1.43E-11	2.65E-06	8.48E-09	2.65E-09	5.18E-17	1.37E-09	3.63E-12	2.52E-12	4.03E-11	2.50E-11	1.50E-10	2.38E-12	5.43E-11	7.40E-09	6.85E-10	8.82E-09
1509	NG_205	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.807	2.56E-08	5.20E-08	1.98E-07	7.81E-09	1.38E-11	2.55E-06	8.18E-09	2.55E-09	5.00E-17	1.33E-09	3.50E-12	2.43E-12	3.88E-11	2.41E-11	1.45E-10	2.29E-12	5.23E-11	7.14E-09	6.61E-10	8.51E-09
1513	NG_209	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6366.857	1.06E-08	2.02E-08	8.00E-08	1.12E-09	5.64E-12	1.07E-06	3.32E-09	1.04E-09	2.03E-17	5.39E-10	1.44E-12	1.03E-12	1.58E-11	9.85E-12	5.88E-11	9.33E-13	2.12E-11	2.90E-09	2.68E-10	3.46E-09

AQIA DATA - SCENARIO 1 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1514	NG_210	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.857	1.05E-08	2.00E-08	7.94E-08	1.11E-09	5.61E-12	1.07E-06	3.31E-09	1.03E-09	2.02E-17	5.37E-10	1.43E-12	1.02E-12	1.57E-11	9.81E-12	5.85E-11	9.28E-13	2.11E-11	2.89E-09	2.67E-10	3.44E-09
1515	NG_211	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.857	1.03E-08	1.97E-08	7.77E-08	1.09E-09	5.52E-12	1.06E-06	3.25E-09	1.02E-09	1.99E-17	5.28E-10	1.41E-12	1.01E-12	1.55E-11	9.65E-12	5.76E-11	9.13E-13	2.08E-11	2.84E-09	2.63E-10	3.38E-09
1516	NG_212	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.857	1.02E-08	1.94E-08	7.63E-08	1.06E-09	5.44E-12	1.05E-06	3.21E-09	1.00E-09	1.96E-17	5.20E-10	1.39E-12	9.91E-13	1.52E-11	9.51E-12	5.68E-11	9.00E-13	2.05E-11	2.80E-09	2.59E-10	3.34E-09
1517	NG_213	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.857	1.01E-08	1.91E-08	7.52E-08	1.04E-09	5.38E-12	1.04E-06	3.17E-09	9.89E-10	1.93E-17	5.14E-10	1.37E-12	9.79E-13	1.51E-11	9.40E-12	5.61E-11	8.90E-13	2.02E-11	2.77E-09	2.56E-10	3.30E-09
1518	NG_214	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.857	9.85E-09	1.87E-08	7.34E-08	1.00E-09	5.27E-12	1.03E-06	3.11E-09	9.69E-10	1.90E-17	5.04E-10	1.35E-12	9.59E-13	1.48E-11	9.21E-12	5.50E-11	8.72E-13	1.98E-11	2.71E-09	2.51E-10	3.23E-09
1519	NG_215	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.857	9.56E-09	1.81E-08	7.09E-08	9.63E-10	5.12E-12	9.91E-07	3.02E-09	9.42E-10	1.84E-17	4.90E-10	1.31E-12	9.31E-13	1.43E-11	8.95E-12	5.34E-11	8.47E-13	1.93E-11	2.63E-09	2.44E-10	3.14E-09
1522	NG_218	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6366.857	8.84E-09	1.67E-08	6.48E-08	8.59E-10	4.74E-12	9.08E-07	2.79E-09	8.72E-10	1.71E-17	4.53E-10	1.21E-12	8.58E-13	1.33E-11	8.28E-12	4.95E-11	7.84E-13	1.78E-11	2.44E-09	2.26E-10	2.91E-09
1523	NG_219	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.857	8.60E-09	1.62E-08	6.28E-08	8.28E-10	4.61E-12	8.79E-07	2.72E-09	8.48E-10	1.66E-17	4.41E-10	1.17E-12	8.33E-13	1.29E-11	8.05E-12	4.81E-11	7.63E-13	1.74E-11	2.37E-09	2.20E-10	2.83E-09
1524	NG_220	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.857	8.37E-09	1.58E-08	6.08E-08	8.01E-10	4.48E-12	8.50E-07	2.65E-09	8.26E-10	1.62E-17	4.29E-10	1.14E-12	8.09E-13	1.26E-11	7.84E-12	4.69E-11	7.42E-13	1.69E-11	2.31E-09	2.14E-10	2.75E-09
1525	NG_221	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.857	8.24E-09	1.55E-08	5.96E-08	7.82E-10	4.41E-12	8.33E-07	2.60E-09	8.12E-10	1.59E-17	4.22E-10	1.12E-12	7.93E-13	1.24E-11	7.70E-12	4.61E-11	7.30E-13	1.66E-11	2.27E-09	2.10E-10	2.71E-09
1526	NG_222	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.857	8.24E-09	1.56E-08	5.97E-08	7.76E-10	4.41E-12	8.34E-07	2.61E-09	8.13E-10	1.59E-17	4.22E-10	1.12E-12	7.91E-13	1.24E-11	7.71E-12	4.61E-11	7.30E-13	1.67E-11	2.27E-09	2.10E-10	2.71E-09
1527	NG_223	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.857	8.37E-09	1.58E-08	6.07E-08	7.83E-10	4.48E-12	8.44E-07	2.65E-09	8.26E-10	1.62E-17	4.29E-10	1.14E-12	8.00E-13	1.26E-11	7.83E-12	4.69E-11	7.42E-13	1.69E-11	2.31E-09	2.14E-10	2.75E-09
1528	NG_224	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.857	8.73E-09	1.66E-08	6.35E-08	8.12E-10	4.67E-12	8.78E-07	2.76E-09	8.62E-10	1.69E-17	4.48E-10	1.19E-12	8.32E-13	1.31E-11	8.16E-12	4.89E-11	7.74E-13	1.77E-11	2.41E-09	2.23E-10	2.87E-09
1529	NG_225	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.857	9.43E-09	1.80E-08	6.93E-08	8.77E-10	5.05E-12	9.51E-07	2.99E-09	9.32E-10	1.82E-17	4.84E-10	1.28E-12	8.97E-13	1.42E-11	8.83E-12	5.29E-11	8.37E-13	1.91E-11	2.61E-09	2.41E-10	3.11E-09
1530	NG_226	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.857	1.04E-08	2.01E-08	7.77E-08	9.74E-10	5.60E-12	1.06E-06	3.31E-09	1.03E-09	2.02E-17	5.37E-10	1.42E-12	9.93E-13	1.57E-11	9.78E-12	5.86E-11	9.28E-13	2.12E-11	2.89E-09	2.68E-10	3.45E-09
1531	NG_227	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.857	1.16E-08	2.25E-08	8.79E-08	1.09E-09	6.25E-12	1.19E-06	3.70E-09	1.15E-09	2.26E-17	5.99E-10	1.58E-12	1.11E-12	1.76E-11	1.09E-11	6.55E-11	1.04E-12	2.37E-11	3.23E-09	2.99E-10	3.85E-09
1532	NG_228	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.857	1.27E-08	2.47E-08	9.73E-08	1.20E-09	6.84E-12	1.31E-06	4.05E-09	1.27E-09	2.48E-17	6.57E-10	1.74E-12	1.21E-12	1.92E-11	1.20E-11	7.18E-11	1.14E-12	2.59E-11	3.54E-09	3.28E-10	4.22E-09
1533	NG_229	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.857	1.37E-08	2.66E-08	1.05E-07	1.31E-09	7.36E-12	1.39E-06	4.36E-09	1.36E-09	2.66E-17	7.07E-10	1.87E-12	1.30E-12	2.07E-11	1.29E-11	7.72E-11	1.22E-12	2.79E-11	3.81E-09	3.52E-10	4.54E-09
1534	NG_230	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.857	1.48E-08	2.89E-08	1.15E-07	1.46E-09	7.97E-12	1.49E-06	4.72E-09	1.47E-09	2.88E-17	7.66E-10	2.02E-12	1.41E-12	2.24E-11	1.39E-11	8.36E-11	1.32E-12	3.02E-11	4.12E-09	3.82E-10	4.91E-09
1535	NG_231	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.857	1.63E-08	3.19E-08	1.27E-07	1.68E-09	8.76E-12	1.64E-06	5.19E-09	1.62E-09	3.17E-17	8.41E-10	2.22E-12	1.54E-12	2.46E-11	1.53E-11	9.19E-11	1.45E-12	3.32E-11	4.53E-09	4.19E-10	5.40E-09
1536	NG_232	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.857	1.79E-08	3.52E-08	1.41E-07	1.98E-09	9.65E-12	1.79E-06	5.72E-09	1.79E-09	3.49E-17	9.27E-10	2.44E-12	1.70E-12	2.71E-11	1.69E-11	1.01E-10	1.60E-12	3.66E-11	4.99E-09	4.62E-10	5.95E-09
1537	NG_233	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.857	1.97E-08	3.89E-08	1.56E-07	2.38E-09	1.06E-11	1.95E-06	6.30E-09	1.96E-09	3.84E-17	1.02E-09	2.69E-12	1.87E-12	2.99E-11	1.86E-11	1.11E-10	1.76E-12	4.03E-11	5.49E-09	5.09E-10	6.55E-09
1538	NG_234	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.857	2.16E-08	4.30E-08	1.71E-07	2.90E-09	1.17E-11	2.12E-06	6.93E-09	2.16E-09	4.23E-17	1.12E-09	2.96E-12	2.06E-12	3.29E-11	2.04E-11	1.23E-10	1.94E-12	4.43E-11	6.05E-09	5.60E-10	7.21E-09
1539	NG_235	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.857	2.37E-08	4.73E-08	1.87E-07	3.54E-09	1.28E-11	2.31E-06	7.58E-09	2.37E-09	4.63E-17	1.23E-09	3.24E-12	2.25E-12	3.60E-11	2.24E-11	1.34E-10	2.12E-12	4.85E-11	6.62E-09	6.12E-10	7.88E-09
1540	NG_236	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.857	2.57E-08	5.16E-08	2.04E-07	4.32E-09	1.39E-11	2.52E-06	8.24E-09	2.57E-09	5.03E-17	1.33E-09	3.52E-12	2.45E-12	3.91E-11	2.43E-11	1.46E-10	2.31E-12	5.27E-11	7.19E-09	6.65E-10	8.57E-09
1541	NG_237	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.857	2.78E-08	5.61E-08	2.21E-07	5.21E-09	1.50E-11	2.75E-06	8.91E-09	2.78E-09	5.44E-17	1.44E-09	3.81E-12	2.65E-12	4.23E-11	2.63E-11	1.58E-10	2.50E-12	5.70E-11	7.78E-09	7.20E-10	9.27E-09
1542	NG_238	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.857	2.93E-08	5.93E-08	2.32E-07	6.08E-09	1.59E-11	2.92E-06	9.39E-09	2.93E-09	5.74E-17	1.52E-09	4.02E-12	2.79E-12	4.46E-11	2.77E-11	1.66E-10	2.63E-12	6.01E-11	8.20E-09	7.59E-10	9.77E-09
1543	NG_239	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.857	3.03E-08	6.14E-08	2.40E-07	6.87E-09	1.64E-11	3.04E-06	9.71E-09	3.03E-09	5.93E-17	1.57E-09	4.15E-12	2.89E-12	4.61E-11	2.87E-11	1.72E-10	2.72E-12	6.21E-11	8.48E-09	7.85E-10	1.01E-08
1544	NG_240	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.857	3.11E-08	6.31E-08	2.45E-07	7.56E-09	1.68E-11	3.14E-06	9.96E-09	3.11E-09	6.08E-17	1.61E-09	4.26E-12	2.96E-12	4.73E-11	2.94E-11	1.76E-10	2.79E-12	6.37E-11	8.69E-09	8.04E-10	1.04E-08
1545	NG_241	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.857	3.16E-08	6.44E-08	2.50E-07	8.14E-09	1.71E-11	3.23E-06	1.01E-08	3.16E-09	6.19E-17	1.64E-09	4.33E-12	3.02E-12	4.81E-11	2.99E-11	1.79E-10	2.84E-12	6.48E-11	8.85E-09	8.19E-10	1.05E-08
1546	NG_242	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.857	3.15E-08	6.40E-08	2.48E-07	8.54E-09	1.70E-11	3.23E-06	1.01E-08	3.15E-09	6.15E-17	1.63E-09	4.31E-12	3.00E-12	4.78E-11	2.97E-11	1.78E-10	2.82E-12	6.45E-11	8.80E-09	8.14E-10	1.05E-08
1547	NG_243	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.857	3.09E-08	6.29E-08	2.43E-07	8.80E-09	1.67E-11	3.18E-06	9.90E-09	3.09E-09	6.04E-17	1.60E-09	4.23E-12	2.94E-12	4.70E-11	2.92E-11	1.75E-10	2.77E-12	6.33E-11	8.64E-09	7.99E-10	1.03E-08
1548	NG_244	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.857	2.98E-08	6.08E-08	2.33E-07	8.93E-09	1.61E-11	3.07E-06	9.56E-09	2.98E-09	5.84E-17	1.55E-09	4.09E-12	2.84E-12	4.54E-11	2.82E-11	1.69E-10	2.68E-12	6.11E-11	8.34E-09	7.72E-10	9.94E-09
1549	NG_245	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.857	2.82E-08	5.75E-08	2.18E-07	8.90E-09	1.53E-11	2.89E-06	9.04E-09	2.82E-09	5.52E-17	1.47E-09	3.87E-12	2.69E-12	4.29E-11	2.67E-11	1.60E-10	2.53E-12	5.78E-11	7.89E-09	7.30E-10	9.40E-09
1550	NG_246	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.857	2.70E-08	5.49E-08	2.07E-07	8.84E-09	1.46E-11	2.76E-06	8.64E-09	2.70E-09	5.28E-17	1.40E-09	3.69E-12	2.57E-12	4.10E-11	2.55E-11	1.53E-10	2.42E-12	5.53E-11	7.54E-09	6.98E-10	8.99E-09
1553	NG_249	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6366.907	1.14E-08	2.20E-08	8.68E-08	1.28E-09	6.13E-12	1.15E-06	3.61E-09	1.13E-09	2.20E-17	5.86E-10	1.57E-12	1.12E-12	1.72E-11	1.07E-11	6.39E-11	1.01E-12	2.31E-11	3.15E-09	2.91E-10	3.76E-09
1554	NG_250	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6366.907	1.16E-08	2.24E-08	8.81E-08	1.30E-09	6.23E-12	1.18E-06	3.67E-09	1.15E-09	2.24E-17	5.96E-10	1.59E-12	1.14E-12	1.74E-11	1.09E-11	6.50E-11	1.03E-12	2.34E-11	3.20E-09	2.96E-10	3.82E-09
1555	NG_251	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.907	1.17E-08	2.25E-08	8.85E-08	1.30E-09	6.26E-12	1.20E-06	3.69E-09	1.15E-09	2.25E-17	5.99E-10	1.60E-12	1.14E-12	1.75E-11	1.09E-11	6.53E-11	1.04E-12	2.36E-11	3.22E-09	2.98E-10	3.84E-09
1556	NG_252	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.907	1.16E-08	2.23E-08	8.73E-08	1.29E-09	6.21E-12	1.20E-06	3.66E-09	1.14E-09	2.23E-17	5.94E-10	1.59E-12	1.13E-12	1.74E-11	1.09E-11	6.48E-11	1.03E-12	2.34E-11	3.19E-09	2.96E-10	3.81E-09
1557	NG_253	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.907	1.15E-08	2.22E-08	8.69E-08	1.27E-09	6.19E-12	1.21E-06	3.65E-09	1.14E-09	2.23E-17	5.92E-10	1.58E-12	1.13E-12	1.73E-11	1.08E-11	6.46E-11	1.02E-12	2.33E-11	3.19E-09	2.95E-10	3.80E-09
1558	NG_254	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.907	1.15E-08	2.21E-08	8.64E-08	1.26E-09	6.16E-12	1.22E-06	3.63E-09	1.13E-09	2.22E-17	5.90E-10	1.57E-12	1.12E-12	1.73E-11	1.08E-11	6.43E-11	1.02E-12	2.32E-11	3.17E-09	2.93E-10	3.78E-09
1559	NG_255	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.907	1.13E-08	2.16E-08	8.47E-08	1.22E-09	6.06E-12	1.20E-06	3.57E-09	1.11E-09	2.18E-17	5.79E-10	1.55E-12	1.10E-12	1.70E-11	1.06E-11	6.32E-11	1.00E-12	2.28E-11	3.12E-09	2.88E-10	3.71E-09
1560	NG_256	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.907	1.09E-08	2.08E-08	8.13E-08	1.16E-09	5.86E-12	1.16E-06	3.45E-09	1.08E-09	2.11E-17	5.60E-10	1.50E-12	1.07E-12	1.64E-11	1.02E-11	6.11E-11	9.69E-13	2.21E-11	3.01E-09	2.79E-10	3.59E-09
1562	NG_258	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6366.907	1.03E-08	1.96E-08	7.62E-08	1.07E-09	5.54E-12	1.09E-06	3.27E-09	1.02E-09	2.00E-17	5.30E-10	1.41E-12	1.01E-12	1.55E-11	9.69E-12	5.79E-11	9.17E-13	2.09E-11	2.85E-09	2.64E-10	3.40E-09
1563	NG_259	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6366.907	1.00E-08	1.91E-08	7.38E-08	1.03E-09	5.39E-12	1.06E-06	3.18E-09	9.93E-10	1.94E-17	5.16E-10	1.38E-12	9.78E-13	1.51E-11	9.43E-12	5.63E-11	8.93E-13	2.03E-11	2.78E-09	2.57E-10	3.31E-09
1564	NG_260	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.907	9.71E-09	1.85E-08	7.10E-08	9.86E-10	5.23E-12	1.01E-06	3.09E-09	9.62E-10	1.88E-17	5.00E-10	1.33E-12	9.46E-13	1.47E-11	9.14E-12	5.46E-11	8.65E-13	1.97E-11	2.69E-09	2.49E-10	3.21E-09
1565	NG_261	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.907	9.46E-09	1.80E-08	6.88E-08	9.54E-10	5.09E-12	9.83E-07	3.01E-09	9.38E-10	1.84E-17	4.88E-10	1.30E-12	9.20E-13	1.43E-11	8.90E-12	5.32E-11	8.44E-13	1.92E-11	2.63E-09	2.43E-10	3.13E-09
1566	NG_262	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.907	9.34E-09	1.78E-08	6.78E-08	9.32E-10	5.02E-12	9.68E-07	2.97E-09	9.26E-10	1.81E-17	4.81E-10	1.28E-12	9.04E-13	1.41E-11	8.78E-12	5.25E-11	8.32E-13	1.90E-11	2.59E-09	2.40E-10	3.09E-09
1567	NG_263	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.907	9.29E-09	1.77E-08	6.73E-08	9.17E-10	4.99E-12	9.60E-07	2.95E-09	9.21E-10	1.80E-17	4.78E-10	1.27E-12	8.96E-13	1.40E-11	8.73E-12	5.22E-11	8.27E-13	1.89E-11	2.58E-09	2.38E-10	3.07E-09
1568	NG_264	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.907	9.39E-09	1.79E-08	6.80E-08	9.16E-10	5.05E-12	9.64E-07	2.98E-09	9.31E-10	1.82E-17	4.84E-10	1.28E-12	9.02E-13	1.42E-11	8.82E-12	5.28E-11	8.36E-13	1.91E-11	2.60E-09	2.41E-10	3.10E-09
1569	NG_265	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.907	9.77E-09	1.87E-08	7.11E-08	9.44E-10	5.25E-12	9.98E-07	3.11E-09	9.70E-10	1.90E-17	5.04E-10	1.33E-12	9.37E-13	1.48E-11	9.19E-12	5.50E-11	8.71E-13	1.99E-11	2.71E-09	2.51E-10	3.23E-09
1570	NG_266	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.907	1.06E-08	2.04E-08	7.79E-08	1.02E-09	5.70E-12	1.09E-06	3.38E-09	1.05E-09	2.06E-17	5.47E-10	1.45E-12	1.01E-12	1.60E-11	9.97E-12	5.98E-11	9.46E-13	2.16E-11	2.95E-09	2.73E-10	3.51E-09
1571	NG_267	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.907	1.18E-08	2.29E-08	8.83E-08	1.13E-09	6.37E-12	1.22E-06	3.77E-09	1.18E-09	2.30E-17	6.12E-10	1.62E-12	1.13E-12	1.79E-11	1.11E-11	6.68E-11	1.06E-12	2.41E-11	3.29E-09	3.05E-10	3.93E-09
1572	NG_268	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.907	1.33E-08	2.59E-08	1.01E-07	1.28E-09	7.18E-12	1.39E-06	4.25E-09	1.33E-09	2.60E-17	6.89E-10	1.82E-12	1.27E-12	2.02E-11	1.26E-11	7.53E-11	1.19E-12	2.72E-11	3.71E-09	3.44E-10	4.42E-09
1573	NG_269	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.907	1.47E-08	2.86E-08	1.12E-07	1.42E-09	7.90E-12	1.52E-06	4.68E-09	1.46E-09	2.86E-17	7.58E-10	2.00E-12	1.40E-12	2.22E-11	1.38E-11	8.28E-11	1.31E-12	2.99E-11	4.08E-09	3.78E-10	4.87E-09
1574	NG_270	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.907	1.58E-08	3.10E-08	1.22E-07	1.57E-09	8.54E-12	1.63E-06	5.06E-09	1.58E-09	3.09E-17	8.20E-10	2.17E-12	1.51E-12	2.40E-11	1.49E-11	8.96E-11	1.42E-12	3.24E-11	4.42E-09	4.09E-10	5.27E-09
1575	NG_271	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.907	1.72E-08	3.38E-08	1.33E-07	1.76E-09	9.30E-12	1.75E-06	5.51E-09	1.72E-09	3.36E-17	8.93E-10	2.36E-12	1.64E-12	2.62E-11	1.63E-11	9.76E-11	1.54E-12	3.52E-11	4.81E-09	4.45E-10	5.73E-09
1576	NG_272	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.907	1.92E-08	3.77E-08	1.50E-07	2.08E-09	1.03E-11	1.94E-06	6.13E-09	1.91E-09	3.74E-17	9.94E-10	2.62E-12	1.82E-12	2.91E-11	1.81E-11	1.09E-10	1.72E-12	3.92E-11	5.35E-09	4.95E-10	6.38E-09
1577	NG_273	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.907	2.12E-08	4.20E-08	1.67E-07	2.50E-09	1.15E-11	2.13E-06	6.80E-09	2.12E-09	4.15E-17	1.10E-09	2.91E-12	2.02E-12	3.23E-11	2.01E-11	1.20E-10	1.90E-12	4.35E-11	5.94E-09	5.50E-10	7.07E-09
1578	NG_274	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.907	2.34E-08	4.65E-08	1.84E-07	3.05E-09	1.26E-11	2.32E-06	7.50E-09	2.34E-09	4.58E-17	1.21E-09	3.20E-12	2.23E-12	3.56E-11	2.21E-11	1.33E-10	2.10E-12	4.79E-11	6.54E-09	6.06E-10	7.80E-09
1579	NG_275	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.907	2.57E-08	5.13E-08	2.02E-07	3.74E-09	1.39E-11	2.53E-06	8.24E-09	2.57E-09	5.03E-17	1.33E-09	3.52E-12	2.45E-12	3.91E-11	2.43E-11	1.46E-10	2.31E-12	5.27E-11	7.19E-09	6.66E-10	8.57E-09
1580	NG_276	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.907	2.80E-08	5.62E-08	2.20E-07	4.60E-09	1.52E-11	2.76E-06	8.99E-09	2.80E-09	5.49E-17	1.46E-09	3.84E-12	2.67E-12	4.27E-11	2.65E-11	1.59E-10	2.52E-12	5.75E-11	7.84E-09	7.26E-10	9.35E-09
1581	NG_277	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.907	3.05E-08	6.14E-08	2.39E-07	5.64E-09	1.65E-11	3.02E-06	9.77E-09	3.05E-09	5.96E-17	1.58E-09	4.18E-12	2.90E-12	4.64E-11	2.88E-11	1.73E-10	2.73E-12	6.25E-11	8.53E-09	7.89E-10	1.02E-08
1582	NG_278	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.907	3.26E-08	6.58E-08	2.55E-07	6.75E-09	1.76E-11	3.28E-06	1.04E-08	3.26E-09	6.38E-17	1.69E-09	4.46E-12	3.10E-12	4.96E-11	3.08E-11	1.85E-10	2.92E-12	6.68E-11	9.11E-09	8.44E-10	1.09E-08
1583	NG_279	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.907	3.38E-08	6.86E-08	2.65E-07	7.77E-09	1.83E-11	3.45E-06	1.08E-08	3.39E-09	6.62E-17	1.76E-09	4.64E-12	3.23E-12	5.15E-11	3.20E-11	1.92E-10	3.04E-12	6.94E-11	9.47E-09	8.76E-10	1.13E-08
1584	NG_280	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.907	3.41E-08	6.93E-08	2.66E-07	8.60E-09	1.85E-11	3.51E-06	1.09E-08	3.42E-09	6.68E-17	1.77E-09	4.68E-12	3.25E-12	5.19E-11	3.23E-11	1.94E-10	3.06E-12	7.00E-11	9.55E-09	8.84E-10	1.14E-08
1589	NG_285	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.907	3.18E-08	6.50E-08	2.46E-07	1.03E-08	1.72E-11	3.36E-06	1.02E-08	3.18E-09	6.23E-17	1.65E-09	4.36E-12	3.03E-12	4.84E-11	3.01E-11	1.81E-10	2.86E-12	6.53E-11	8.91E-09	8.24E-10	1.06E-08
1590	NG_286	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.907	3.00E-08	6.11E-08	2.30E-07	1.01E-08	1.62E-11	3.15E-06	9.60E-09	3.00E-09	5.86E-17	1.56E-09	4.10E-12	2.85E-12	4.56E-11	2.83E-11	1.70E-10	2.69E-12	6.14E-11	8.38E-09	7.76E-10	9.99E-09
1591	NG_287	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.907	2.82E-08	5.74E-08	2.14E-07	9.83E-09	1.52E-11	2.95E-06	9.03E-09	2.82E-09	5.51E-17	1.46E-09	3.86E-12	2.68E-12	4.28E-11	2.66E-11	1.60E-10	2.53E-12	5.77E-11	7.88E-09	7.29E-10	9.39E-09
1594	NG_290	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6366.957	1.23E-08	2.39E-08	9.34E-08	1.46E-09	6.63E-12	1.24E-06	3.91E-09	1.22E-09	2.38E-17	6.34E-10	1.69E-12	1.21E-12	1.86E-11	1.16E-11	6.91E-11	1.10E-12	2.49E-11	3.41E-09	3.15E-10	4.06E-09
1595	NG_291	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6366.957	1.27E-08	2.46E-08	9.59E-08	1.50E-09	6.81E-12	1.29E-06	4.02E-09	1.25E-09	2.45E-17	6.52E-10	1.74E-12	1.24E-12	1.91E-11	1.19E-11	7.11E-11	1.13E-12	2.56E-11	3.51E-09	3.24E-10	4.18E-09
1596	NG_292	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.957	1.29E-08	2.50E-08	9.75E-08	1.53E-09	6.94E-12	1.33E-06	4.09E-09	1.28E-09	2.50E-17	6.63E-10	1.77E-12	1.27E-12	1.94E-11	1.21E-11	7.24E-11	1.15E-12	2.61E-11	3.57E-09	3.30E-10	4.25E-09
1597	NG_293	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.957	1.30E-08	2.53E-08	9.85E-08	1.55E-09	7.02E-12	1.37E-06	4.14E-09	1.29E-09	2.53E-17	6.71E-10	1.79E-12	1.28E-12	1.97E-11	1.23E-11	7.32E-11	1.16E-12	2.64E-11	3.61E-09	3.34E-10	4.30E-09
1598	NG_294	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.957	1.31E-08	2.54E-08	9.90E-08	1.55E-09	7.06E-12	1.40E-06	4.16E-09	1.30E-09	2.54E-17	6.76E-10	1.80E-12	1.29E-12	1.98E-11	1.23E-11	7.37E-11	1.17E-12	2.66E-11	3.63E-09	3.36E-10	4.33E-09
1599	NG_295	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.957	1.31E-08	2.54E-08	9.90E-08	1.53E-09	7.07E-12	1.42E-06	4.17E-09	1.30E-09	2.54E-17	6.76E-10	1.81E-12	1.29E-12	1.98E-11	1.24E-11	7.37E-11	1.17E-12	2.66E-11	3.64E-09	3.36E-10	4.33E-09
1600	NG_296	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.957	1.29E-08	2.50E-08	9.72E-08	1.49E-09	6.96E-12	1.41E-06	4.10E-09	1.28E-09	2.50E-17	6.66E-10	1.78E-12	1.27E-12	1.95E-11	1.22E-11	7.26E-11	1.15E-12	2.62E-11	3.58E-09	3.31E-10	4.27E-09
1601	NG_297	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.957	1.25E-08	2.42E-08	9.40E-08	1.42E-09	6.76E-12	1.37E-06	3.99E-09	1.24E-09	2.43E-17	6.47E-10	1.73E-12	1.23E-12	1.89E-11	1.18E-11	7.06E-11	1.12E-12	2.55E-11	3.48E-09	3.22E-10	4.15E-09
1602	NG_298	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6366.957	1.21E-08	2.34E-08	9.07E-08	1.36E-09	6.56E-12	1.33E-06	3.87E-09	1.21E-09	2.36E-17	6.28E-10	1.68E-12	1.19E-12	1.84E-11	1.15E-11	6.85E-11	1.09E-12	2.47E-11	3.38E-09	3.12E-10	4.03E-09
1603	NG_299	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6366.957	1.18E-08	2.27E-08	8.76E-08	1.30E-09	6.38E-12	1.29E-06	3.76E-09	1.17E-09	2.30E-17	6.10E-10	1.63E-12	1.16E-12	1.79E-11	1.11E-11	6.66E-11	1.06E-12	2.40E-11	3.28E-09	3.04E-10	3.91E-09
1604	NG_300	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6366.957	1.15E-08	2.20E-08	8.45E-08	1.25E-09	6.19E-12	1.24E-06	3.65E-09	1.14E-09	2.23E-17	5.92E-10	1.58E-12	1.12E-12	1.73E-11	1.08E-11	6.46E-11	1.02E-12	2.33E-11	3.19E-09	2.95E-10	3.80E-09
1605	NG_301	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.957	1.11E-08	2.13E-08	8.13E-08	1.20E-09	6.00E-12	1.19E-06	3.54E-09	1.11E-09	2.16E-17	5.75E-10	1.53E-12	1.09E-12	1.68E-11	1.05E-11	6.27E-11	9.94E-13	2.26E-11	3.09E-09	2.86E-10	3.68E-09
1606	NG_302	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.957	1.08E-08	2.07E-08	7.85E-08	1.16E-09	5.83E-12	1.15E-06	3.44E-09	1.07E-09	2.10E-17	5.58E-10	1.49E-12	1.05E-12	1.64E-11	1.02E-11	6.09E-11	9.66E-13	2.20E-11	3.01E-09	2.78E-10	3.58E-09
1607	NG_303	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.957	1.06E-08	2.02E-08	7.63E-08	1.12E-09	5.70E-12	1.12E-06	3.37E-09	1.05E-09	2.06E-17	5.46E-10	1.45E-12	1.03E-12	1.60E-11	9.96E-12	5.96E-11	9.44E-13	2.15E-11	2.94E-09	2.72E-10	3.50E-09
1608	NG_304	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.957	1.04E-08	1.99E-08	7.50E-08	1.09E-09	5.62E-12	1.09E-06	3.32E-09	1.04E-09	2.03E-17	5.38E-10	1.43E-12	1.01E-12	1.58E-11	9.82E-12	5.87E-11	9.30E-13	2.12E-11	2.90E-09	2.68E-10	3.45E-09
1609	NG_305	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.957	1.05E-08	2.00E-08	7.53E-08	1.07E-09	5.64E-12	1.09E-06	3.33E-09	1.04E-09	2.03E-17	5.40E-10	1.43E-12	1.01E-12	1.58E-11	9.86E-12	5.90E-11	9.34E-13	2.13E-11	2.91E-09	2.69E-10	3.47E-09

AQIA DATA - SCENARIO 1 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1610	NG_306	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.957	1.09E-08	2.09E-08	7.89E-08	1.10E-09	5.88E-12	1.13E-06	3.48E-09	1.08E-09	2.12E-17	5.64E-10	1.49E-12	1.05E-12	1.65E-11	1.03E-11	6.15E-11	9.74E-13	2.22E-11	3.03E-09	2.81E-10	3.62E-09
1611	NG_307	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.957	1.19E-08	2.29E-08	8.70E-08	1.18E-09	6.41E-12	1.23E-06	3.79E-09	1.18E-09	2.32E-17	6.15E-10	1.63E-12	1.14E-12	1.80E-11	1.12E-11	6.71E-11	1.06E-12	2.42E-11	3.31E-09	3.06E-10	3.94E-09
1612	NG_308	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.957	1.33E-08	2.58E-08	9.91E-08	1.32E-09	7.19E-12	1.39E-06	4.26E-09	1.33E-09	2.60E-17	6.90E-10	1.82E-12	1.28E-12	2.02E-11	1.26E-11	7.54E-11	1.19E-12	2.72E-11	3.72E-09	3.44E-10	4.43E-09
1613	NG_309	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.957	1.51E-08	2.93E-08	1.14E-07	1.49E-09	8.13E-12	1.59E-06	4.81E-09	1.50E-09	2.94E-17	7.80E-10	2.06E-12	1.44E-12	2.28E-11	1.42E-11	8.52E-11	1.35E-12	3.08E-11	4.20E-09	3.89E-10	5.01E-09
1614	NG_310	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.957	1.67E-08	3.27E-08	1.28E-07	1.68E-09	9.05E-12	1.76E-06	5.36E-09	1.67E-09	3.27E-17	8.68E-10	2.29E-12	1.60E-12	2.54E-11	1.58E-11	9.49E-11	1.50E-12	3.43E-11	4.68E-09	4.33E-10	5.57E-09
1615	NG_311	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.957	1.85E-08	3.62E-08	1.42E-07	1.89E-09	9.98E-12	1.93E-06	5.91E-09	1.85E-09	3.61E-17	9.58E-10	2.53E-12	1.76E-12	2.81E-11	1.75E-11	1.05E-10	1.66E-12	3.78E-11	5.16E-09	4.78E-10	6.15E-09
1616	NG_312	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.957	2.05E-08	4.03E-08	1.59E-07	2.20E-09	1.11E-11	2.12E-06	6.57E-09	2.05E-09	4.01E-17	1.07E-09	2.81E-12	1.95E-12	3.12E-11	1.94E-11	1.16E-10	1.84E-12	4.20E-11	5.74E-09	5.31E-10	6.84E-09
1617	NG_313	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.957	2.30E-08	4.54E-08	1.79E-07	2.64E-09	1.24E-11	2.35E-06	7.37E-09	2.30E-09	4.50E-17	1.19E-09	3.15E-12	2.19E-12	3.50E-11	2.17E-11	1.31E-10	2.06E-12	4.72E-11	6.43E-09	5.96E-10	7.67E-09
1618	NG_314	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.957	2.57E-08	5.10E-08	2.01E-07	3.23E-09	1.39E-11	2.59E-06	8.24E-09	2.57E-09	5.03E-17	1.34E-09	3.52E-12	2.45E-12	3.91E-11	2.43E-11	1.46E-10	2.31E-12	5.27E-11	7.19E-09	6.66E-10	8.57E-09
1619	NG_315	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.957	2.85E-08	5.67E-08	2.22E-07	4.00E-09	1.54E-11	2.84E-06	9.13E-09	2.85E-09	5.57E-17	1.48E-09	3.90E-12	2.71E-12	4.33E-11	2.69E-11	1.62E-10	2.56E-12	5.84E-11	7.97E-09	7.38E-10	9.50E-09
1632	NG_328	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.957	2.95E-08	6.03E-08	2.23E-07	1.08E-08	1.60E-11	3.16E-06	9.47E-09	2.95E-09	5.78E-17	1.53E-09	4.05E-12	2.81E-12	4.49E-11	2.79E-11	1.68E-10	2.65E-12	6.06E-11	8.26E-09	7.65E-10	9.85E-09
1635	NG_331	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.007	1.30E-08	2.53E-08	9.80E-08	1.65E-09	7.03E-12	1.32E-06	4.14E-09	1.29E-09	2.53E-17	6.72E-10	1.80E-12	1.28E-12	1.97E-11	1.23E-11	7.33E-11	1.16E-12	2.64E-11	3.62E-09	3.34E-10	4.31E-09
1636	NG_332	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.007	1.36E-08	2.66E-08	1.03E-07	1.74E-09	7.37E-12	1.41E-06	4.35E-09	1.36E-09	2.65E-17	7.05E-10	1.88E-12	1.34E-12	2.06E-11	1.29E-11	7.69E-11	1.22E-12	2.77E-11	3.79E-09	3.51E-10	4.52E-09
1637	NG_333	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.007	1.41E-08	2.76E-08	1.07E-07	1.81E-09	7.64E-12	1.48E-06	4.50E-09	1.41E-09	2.75E-17	7.31E-10	1.95E-12	1.39E-12	2.14E-11	1.34E-11	7.97E-11	1.26E-12	2.88E-11	3.93E-09	3.64E-10	4.68E-09
1638	NG_334	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.007	1.45E-08	2.85E-08	1.10E-07	1.86E-09	7.87E-12	1.55E-06	4.64E-09	1.45E-09	2.83E-17	7.53E-10	2.01E-12	1.44E-12	2.20E-11	1.38E-11	8.21E-11	1.30E-12	2.96E-11	4.05E-09	3.75E-10	4.83E-09
1639	NG_335	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.007	1.48E-08	2.90E-08	1.12E-07	1.89E-09	8.03E-12	1.61E-06	4.73E-09	1.48E-09	2.89E-17	7.68E-10	2.05E-12	1.46E-12	2.25E-11	1.40E-11	8.37E-11	1.33E-12	3.02E-11	4.13E-09	3.82E-10	4.92E-09
1640	NG_336	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.007	1.50E-08	2.94E-08	1.14E-07	1.90E-09	8.14E-12	1.66E-06	4.80E-09	1.50E-09	2.93E-17	7.79E-10	2.08E-12	1.48E-12	2.28E-11	1.42E-11	8.50E-11	1.35E-12	3.07E-11	4.19E-09	3.88E-10	4.99E-09
1641	NG_337	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.007	1.49E-08	2.92E-08	1.13E-07	1.86E-09	8.09E-12	1.67E-06	4.77E-09	1.49E-09	2.91E-17	7.74E-10	2.07E-12	1.47E-12	2.26E-11	1.41E-11	8.44E-11	1.34E-12	3.04E-11	4.16E-09	3.85E-10	4.96E-09
1642	NG_338	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.007	1.47E-08	2.86E-08	1.11E-07	1.80E-09	7.95E-12	1.66E-06	4.69E-09	1.46E-09	2.86E-17	7.61E-10	2.03E-12	1.45E-12	2.23E-11	1.39E-11	8.30E-11	1.32E-12	2.99E-11	4.09E-09	3.79E-10	4.88E-09
1643	NG_339	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.007	1.42E-08	2.77E-08	1.07E-07	1.71E-09	7.70E-12	1.61E-06	4.54E-09	1.42E-09	2.77E-17	7.37E-10	1.97E-12	1.40E-12	2.16E-11	1.35E-11	8.04E-11	1.27E-12	2.90E-11	3.96E-09	3.67E-10	4.72E-09
1644	NG_340	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.007	1.38E-08	2.67E-08	1.03E-07	1.63E-09	7.47E-12	1.56E-06	4.41E-09	1.37E-09	2.69E-17	7.15E-10	1.91E-12	1.36E-12	2.09E-11	1.31E-11	7.80E-11	1.24E-12	2.81E-11	3.84E-09	3.56E-10	4.58E-09
1645	NG_341	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.007	1.33E-08	2.58E-08	9.82E-08	1.55E-09	7.21E-12	1.49E-06	4.26E-09	1.33E-09	2.60E-17	6.90E-10	1.84E-12	1.31E-12	2.02E-11	1.26E-11	7.53E-11	1.19E-12	2.72E-11	3.71E-09	3.44E-10	4.43E-09
1646	NG_342	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.007	1.29E-08	2.49E-08	9.43E-08	1.50E-09	6.99E-12	1.43E-06	4.12E-09	1.29E-09	2.52E-17	6.69E-10	1.78E-12	1.27E-12	1.96E-11	1.22E-11	7.30E-11	1.16E-12	2.63E-11	3.60E-09	3.33E-10	4.29E-09
1647	NG_343	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.007	1.24E-08	2.40E-08	9.00E-08	1.44E-09	6.73E-12	1.36E-06	3.97E-09	1.24E-09	2.43E-17	6.44E-10	1.72E-12	1.22E-12	1.89E-11	1.18E-11	7.03E-11	1.11E-12	2.54E-11	3.47E-09	3.21E-10	4.13E-09
1648	NG_344	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.007	1.20E-08	2.32E-08	8.64E-08	1.38E-09	6.51E-12	1.30E-06	3.84E-09	1.20E-09	2.35E-17	6.23E-10	1.66E-12	1.17E-12	1.82E-11	1.14E-11	6.80E-11	1.08E-12	2.45E-11	3.35E-09	3.10E-10	4.00E-09
1649	NG_345	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.007	1.17E-08	2.25E-08	8.36E-08	1.32E-09	6.34E-12	1.25E-06	3.74E-09	1.17E-09	2.29E-17	6.07E-10	1.61E-12	1.14E-12	1.78E-11	1.11E-11	6.63E-11	1.05E-12	2.39E-11	3.27E-09	3.02E-10	3.89E-09
1650	NG_346	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.007	1.18E-08	2.26E-08	8.39E-08	1.29E-09	6.36E-12	1.24E-06	3.76E-09	1.17E-09	2.29E-17	6.09E-10	1.62E-12	1.14E-12	1.78E-11	1.11E-11	6.65E-11	1.05E-12	2.40E-11	3.28E-09	3.03E-10	3.91E-09
1651	NG_347	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.007	1.23E-08	2.37E-08	8.82E-08	1.31E-09	6.64E-12	1.29E-06	3.93E-09	1.23E-09	2.40E-17	6.36E-10	1.69E-12	1.18E-12	1.86E-11	1.16E-11	6.95E-11	1.10E-12	2.51E-11	3.43E-09	3.17E-10	4.08E-09
1652	NG_348	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.007	1.34E-08	2.60E-08	9.77E-08	1.40E-09	7.26E-12	1.41E-06	4.30E-09	1.34E-09	2.62E-17	6.97E-10	1.84E-12	1.29E-12	2.04E-11	1.27E-11	7.61E-11	1.20E-12	2.75E-11	3.75E-09	3.47E-10	4.47E-09
1653	NG_349	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.007	1.52E-08	2.95E-08	1.12E-07	1.56E-09	8.21E-12	1.61E-06	4.86E-09	1.52E-09	2.97E-17	7.88E-10	2.08E-12	1.46E-12	2.31E-11	1.44E-11	8.61E-11	1.36E-12	3.11E-11	4.24E-09	3.93E-10	5.06E-09
1654	NG_350	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.007	1.72E-08	3.37E-08	1.29E-07	1.77E-09	9.33E-12	1.83E-06	5.52E-09	1.72E-09	3.37E-17	8.95E-10	2.37E-12	1.65E-12	2.62E-11	1.63E-11	9.78E-11	1.55E-12	3.53E-11	4.82E-09	4.46E-10	5.75E-09
1655	NG_351	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.007	1.94E-08	3.81E-08	1.47E-07	2.03E-09	1.05E-11	2.07E-06	6.23E-09	1.94E-09	3.80E-17	1.01E-09	2.67E-12	1.86E-12	2.96E-11	1.84E-11	1.10E-10	1.74E-12	3.98E-11	5.44E-09	5.03E-10	6.48E-09
1656	NG_352	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.007	2.18E-08	4.28E-08	1.67E-07	2.36E-09	1.18E-11	2.30E-06	6.99E-09	2.18E-09	4.27E-17	1.13E-09	2.99E-12	2.08E-12	3.32E-11	2.06E-11	1.24E-10	1.96E-12	4.47E-11	6.10E-09	5.64E-10	7.27E-09
1657	NG_353	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.007	2.46E-08	4.86E-08	1.90E-07	2.82E-09	1.33E-11	2.57E-06	7.90E-09	2.47E-09	4.82E-17	1.28E-09	3.38E-12	2.35E-12	3.75E-11	2.33E-11	1.40E-10	2.21E-12	5.05E-11	6.90E-09	6.38E-10	8.22E-09
1658	NG_354	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.007	2.79E-08	5.53E-08	2.16E-07	3.46E-09	1.51E-11	2.86E-06	8.96E-09	2.80E-09	5.47E-17	1.45E-09	3.83E-12	2.66E-12	4.25E-11	2.64E-11	1.59E-10	2.51E-12	5.73E-11	7.82E-09	7.24E-10	9.32E-09
1677	NG_373	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.057	1.44E-08	2.82E-08	1.08E-07	2.00E-09	7.80E-12	1.50E-06	4.60E-09	1.43E-09	2.81E-17	7.46E-10	1.99E-12	1.42E-12	2.18E-11	1.36E-11	8.13E-11	1.29E-12	2.93E-11	4.01E-09	3.71E-10	4.78E-09
1678	NG_374	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.057	1.52E-08	2.99E-08	1.14E-07	2.12E-09	8.26E-12	1.62E-06	4.87E-09	1.52E-09	2.97E-17	7.90E-10	2.11E-12	1.51E-12	2.31E-11	1.44E-11	8.62E-11	1.37E-12	3.11E-11	4.25E-09	3.93E-10	5.07E-09
1679	NG_375	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.057	1.59E-08	3.14E-08	1.20E-07	2.23E-09	8.65E-12	1.72E-06	5.10E-09	1.59E-09	3.11E-17	8.27E-10	2.21E-12	1.58E-12	2.42E-11	1.51E-11	9.02E-11	1.43E-12	3.25E-11	4.45E-09	4.11E-10	5.30E-09
1680	NG_376	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.057	1.66E-08	3.27E-08	1.24E-07	2.31E-09	9.00E-12	1.82E-06	5.31E-09	1.65E-09	3.24E-17	8.61E-10	2.30E-12	1.64E-12	2.52E-11	1.57E-11	9.39E-11	1.49E-12	3.39E-11	4.63E-09	4.28E-10	5.52E-09
1681	NG_377	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.057	1.71E-08	3.38E-08	1.29E-07	2.37E-09	9.30E-12	1.93E-06	5.48E-09	1.71E-09	3.35E-17	8.89E-10	2.38E-12	1.70E-12	2.60E-11	1.63E-11	9.70E-11	1.54E-12	3.50E-11	4.78E-09	4.43E-10	5.70E-09
1682	NG_378	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.057	1.74E-08	3.44E-08	1.31E-07	2.38E-09	9.47E-12	2.01E-06	5.58E-09	1.74E-09	3.41E-17	9.06E-10	2.42E-12	1.73E-12	2.65E-11	1.66E-11	9.88E-11	1.57E-12	3.56E-11	4.87E-09	4.51E-10	5.81E-09
1683	NG_379	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.057	1.73E-08	3.41E-08	1.31E-07	2.32E-09	9.42E-12	2.02E-06	5.55E-09	1.73E-09	3.39E-17	9.01E-10	2.41E-12	1.72E-12	2.64E-11	1.65E-11	9.83E-11	1.56E-12	3.55E-11	4.85E-09	4.48E-10	5.78E-09
1684	NG_380	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.057	1.69E-08	3.32E-08	1.27E-07	2.21E-09	9.19E-12	1.97E-06	5.42E-09	1.69E-09	3.31E-17	8.79E-10	2.35E-12	1.67E-12	2.57E-11	1.61E-11	9.59E-11	1.52E-12	3.46E-11	4.73E-09	4.37E-10	5.63E-09
1685	NG_381	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.057	1.63E-08	3.19E-08	1.21E-07	2.09E-09	8.87E-12	1.90E-06	5.23E-09	1.63E-09	3.19E-17	8.49E-10	2.27E-12	1.61E-12	2.49E-11	1.55E-11	9.26E-11	1.47E-12	3.34E-11	4.57E-09	4.23E-10	5.44E-09
1686	NG_382	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.057	1.58E-08	3.07E-08	1.16E-07	1.99E-09	8.55E-12	1.82E-06	5.04E-09	1.57E-09	3.08E-17	8.18E-10	2.18E-12	1.55E-12	2.39E-11	1.49E-11	8.93E-11	1.41E-12	3.22E-11	4.40E-09	4.07E-10	5.24E-09
1687	NG_383	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.057	1.51E-08	2.94E-08	1.10E-07	1.91E-09	8.19E-12	1.73E-06	4.83E-09	1.51E-09	2.95E-17	7.84E-10	2.09E-12	1.49E-12	2.30E-11	1.43E-11	8.55E-11	1.36E-12	3.09E-11	4.22E-09	3.90E-10	5.03E-09
1688	NG_384	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.057	1.44E-08	2.80E-08	1.04E-07	1.83E-09	7.83E-12	1.64E-06	4.62E-09	1.44E-09	2.82E-17	7.49E-10	2.00E-12	1.42E-12	2.19E-11	1.37E-11	8.18E-11	1.30E-12	2.95E-11	4.03E-09	3.73E-10	4.81E-09
1689	NG_385	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.057	1.39E-08	2.69E-08	9.87E-08	1.74E-09	7.52E-12	1.55E-06	4.44E-09	1.39E-09	2.71E-17	7.20E-10	1.92E-12	1.36E-12	2.11E-11	1.32E-11	7.86E-11	1.25E-12	2.84E-11	3.88E-09	3.59E-10	4.62E-09
1690	NG_386	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.057	1.35E-08	2.61E-08	9.54E-08	1.66E-09	7.31E-12	1.48E-06	4.32E-09	1.35E-09	2.64E-17	7.00E-10	1.86E-12	1.31E-12	2.05E-11	1.28E-11	7.64E-11	1.21E-12	2.76E-11	3.77E-09	3.49E-10	4.49E-09
1691	NG_387	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.057	1.34E-08	2.59E-08	9.48E-08	1.59E-09	7.27E-12	1.45E-06	4.30E-09	1.34E-09	2.62E-17	6.97E-10	1.85E-12	1.30E-12	2.04E-11	1.27E-11	7.61E-11	1.20E-12	2.75E-11	3.75E-09	3.47E-10	4.47E-09
1692	NG_388	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.057	1.40E-08	2.71E-08	9.96E-08	1.59E-09	7.59E-12	1.50E-06	4.49E-09	1.40E-09	2.74E-17	7.28E-10	1.93E-12	1.35E-12	2.13E-11	1.33E-11	7.95E-11	1.26E-12	2.87E-11	3.92E-09	3.63E-10	4.67E-09
1693	NG_389	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.057	1.55E-08	3.00E-08	1.12E-07	1.70E-09	8.39E-12	1.66E-06	4.97E-09	1.55E-09	3.03E-17	8.05E-10	2.13E-12	1.49E-12	2.36E-11	1.47E-11	8.79E-11	1.39E-12	3.17E-11	4.33E-09	4.01E-10	5.16E-09
1694	NG_390	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.057	1.78E-08	3.46E-08	1.30E-07	1.91E-09	9.62E-12	1.91E-06	5.70E-09	1.78E-09	3.48E-17	9.23E-10	2.44E-12	1.71E-12	2.70E-11	1.68E-11	1.01E-10	1.60E-12	3.64E-11	4.97E-09	4.60E-10	5.92E-09
1695	NG_391	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.057	2.05E-08	4.01E-08	1.53E-07	2.21E-09	1.11E-11	2.22E-06	6.58E-09	2.05E-09	4.02E-17	1.07E-09	2.82E-12	1.96E-12	3.12E-11	1.94E-11	1.16E-10	1.84E-12	4.21E-11	5.74E-09	5.31E-10	6.84E-09
1696	NG_392	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.057	2.34E-08	4.59E-08	1.76E-07	2.59E-09	1.27E-11	2.52E-06	7.50E-09	2.34E-09	4.58E-17	1.22E-09	3.21E-12	2.23E-12	3.56E-11	2.21E-11	1.33E-10	2.10E-12	4.80E-11	6.55E-09	6.06E-10	7.80E-09
1697	NG_393	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.057	2.65E-08	5.22E-08	2.01E-07	3.13E-09	1.44E-11	2.82E-06	8.51E-09	2.66E-09	5.20E-17	1.38E-09	3.64E-12	2.53E-12	4.04E-11	2.51E-11	1.51E-10	2.38E-12	5.45E-11	7.43E-09	6.88E-10	8.86E-09
1698	NG_394	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.057	3.03E-08	5.98E-08	2.31E-07	3.84E-09	1.64E-11	3.16E-06	9.72E-09	3.03E-09	5.93E-17	1.57E-09	4.15E-12	2.89E-12	4.61E-11	2.87E-11	1.72E-10	2.72E-12	6.22E-11	8.48E-09	7.85E-10	1.01E-08
1699	NG_395	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.057	3.48E-08	6.91E-08	2.68E-07	4.79E-09	1.89E-11	3.58E-06	1.12E-08	3.49E-09	6.82E-17	1.81E-09	4.78E-12	3.32E-12	5.30E-11	3.30E-11	1.98E-10	3.13E-12	7.15E-11	9.75E-09	9.03E-10	1.16E-08
1718	NG_414	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.107	1.50E-08	2.93E-08	1.10E-07	2.27E-09	8.11E-12	1.58E-06	4.78E-09	1.49E-09	2.92E-17	7.75E-10	2.07E-12	1.48E-12	2.27E-11	1.42E-11	8.46E-11	1.34E-12	3.05E-11	4.17E-09	3.86E-10	4.97E-09
1719	NG_415	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.107	1.61E-08	3.16E-08	1.19E-07	2.46E-09	8.72E-12	1.73E-06	5.14E-09	1.60E-09	3.14E-17	8.34E-10	2.23E-12	1.59E-12	2.44E-11	1.52E-11	9.10E-11	1.44E-12	3.28E-11	4.49E-09	4.15E-10	5.35E-09
1720	NG_416	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.107	1.70E-08	3.36E-08	1.26E-07	2.62E-09	9.25E-12	1.86E-06	5.46E-09	1.70E-09	3.33E-17	8.85E-10	2.36E-12	1.69E-12	2.59E-11	1.62E-11	9.66E-11	1.53E-12	3.48E-11	4.76E-09	4.40E-10	5.67E-09
1721	NG_417	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.107	1.81E-08	3.57E-08	1.34E-07	2.78E-09	9.82E-12	2.00E-06	5.79E-09	1.81E-09	3.53E-17	9.39E-10	2.51E-12	1.79E-12	2.75E-11	1.72E-11	1.02E-10	1.63E-12	3.70E-11	5.05E-09	4.67E-10	6.02E-09
1722	NG_418	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.107	1.92E-08	3.80E-08	1.43E-07	2.94E-09	1.05E-11	2.19E-06	6.16E-09	1.92E-09	3.76E-17	9.99E-10	2.67E-12	1.91E-12	2.93E-11	1.83E-11	1.09E-10	1.73E-12	3.93E-11	5.38E-09	4.97E-10	6.41E-09
1723	NG_419	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.107	2.01E-08	3.98E-08	1.50E-07	3.03E-09	1.09E-11	2.35E-06	6.44E-09	2.01E-09	3.93E-17	1.05E-09	2.79E-12	1.99E-12	3.06E-11	1.91E-11	1.14E-10	1.81E-12	4.11E-11	5.62E-09	5.20E-10	6.70E-09
1724	NG_420	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.107	2.04E-08	4.03E-08	1.52E-07	2.99E-09	1.11E-11	2.41E-06	6.53E-09	2.04E-09	3.99E-17	1.06E-09	2.83E-12	2.02E-12	3.10E-11	1.94E-11	1.16E-10	1.83E-12	4.17E-11	5.70E-09	5.27E-10	6.79E-09
1725	NG_421	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.107	2.01E-08	3.97E-08	1.49E-07	2.87E-09	1.09E-11	2.39E-06	6.44E-09	2.01E-09	3.93E-17	1.05E-09	2.79E-12	1.99E-12	3.06E-11	1.91E-11	1.14E-10	1.81E-12	4.11E-11	5.62E-09	5.20E-10	6.70E-09
1726	NG_422	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.107	1.96E-08	3.85E-08	1.45E-07	2.74E-09	1.06E-11	2.34E-06	6.28E-09	1.96E-09	3.83E-17	1.02E-09	2.72E-12	1.94E-12	2.98E-11	1.86E-11	1.11E-10	1.76E-12	4.01E-11	5.48E-09	5.07E-10	6.53E-09
1727	NG_423	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.107	1.89E-08	3.70E-08	1.38E-07	2.61E-09	1.02E-11	2.25E-06	6.04E-09	1.88E-09	3.69E-17	9.80E-10	2.62E-12	1.86E-12	2.87E-11	1.79E-11	1.07E-10	1.70E-12	3.86E-11	5.27E-09	4.88E-10	6.28E-09
1728	NG_424	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.107	1.80E-08	3.52E-08	1.30E-07	2.50E-09	9.77E-12	2.14E-06	5.77E-09	1.80E-09	3.52E-17	9.35E-10	2.49E-12	1.77E-12	2.74E-11	1.71E-11	1.02E-10	1.62E-12	3.68E-11	5.03E-09	4.65E-10	6.00E-09
1729	NG_425	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.107	1.71E-08	3.33E-08	1.22E-07	2.38E-09	9.27E-12	2.00E-06	5.47E-09	1.71E-09	3.34E-17	8.87E-10	2.36E-12	1.68E-12	2.60E-11	1.62E-11	9.68E-11	1.53E-12	3.49E-11	4.77E-09	4.42E-10	5.69E-09
1730	NG_426	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.107	1.63E-08	3.18E-08	1.15E-07	2.25E-09	8.87E-12	1.89E-06	5.24E-09	1.63E-09	3.20E-17	8.49E-10	2.26E-12	1.60E-12	2.49E-11	1.55E-11	9.27E-11	1.47E-12	3.34E-11	4.57E-09	4.23E-10	5.45E-09
1732	NG_428	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.107	1.55E-08	3.00E-08	1.08E-07	1.99E-09	8.41E-12	1.72E-06	4.97E-09	1.55E-09	3.04E-17	8.06E-10	2.14E-12	1.51E-12	2.36E-11	1.47E-11	8.80E-11	1.39E-12	3.18E-11	4.34E-09	4.02E-10	5.17E-09
1733	NG_429	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.107	1.61E-08	3.11E-08	1.13E-07	1.95E-09	8.72E-12	1.76E-06	5.16E-09	1.61E-09	3.15E-17	8.36E-10	2.22E-12	1.56E-12	2.45E-11	1.52E-11	9.13E-11	1.45E-12	3.30E-11	4.50E-09	4.16E-10	5.36E-09
1734	NG_430	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.107	1.79E-08	3.48E-08	1.28E-07	2.08E-09	9.72E-12	1.95E-06	5.75E-09	1.80E-09	3.51E-17	9.32E-10	2.47E-12	1.73E-12	2.73E-11	1.70E-11	1.02E-10	1.61E-12	3.68E-11	5.02E-09	4.65E-10	5.98E-09
1735	NG_431	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.107	2.10E-08	4.10E-08	1.53E-07	2.37E-09	1.14E-11	2.30E-06	6.74E-09	2.10E-09	4.11E-17	1.09E-09	2.89E-12	2.02E-12	3.20E-11	1.99E-11	1.19E-10	1.89E-12	4.31E-11	5.88E-09	5.44E-10	7.01E-09
1736	NG_432	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.107	2.49E-08	4.88E-08	1.84E-07	2.84E-09	1.35E-11	2.74E-06	7.98E-09	2.49E-09	4.87E-17	1.29E-09	3.42E-12	2.38E-12	3.79E-11	2.36E-11	1.41E-10	2.23E-12	5.10E-11	6.97E-09	6.45E-10	8.30E-09
1737	NG_433	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.107	2.90E-08	5.71E-08	2.17E-07	3.54E-09	1.57E-11	3.19E-06	9.32E-09	2.91E-09	5.69E-17	1.51E-09	3.98E-12	2.77E-12	4.42E-11	2.75E-11	1.65E-10	2.61E-12	5.96E-11	8.13E-09	7.53E-10	9.69E-09
1738	NG_434	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.107	3.33E-08	6.58E-08	2.50E-07	4.47E-09	1.80E-11	3.58E-06	1.07E-08	3.34E-09	6.53E-17	1.73E-09	4.57E-12	3.18E-12	5.08E-11	3.16E-11	1.89E-10	2.99E-12	6.84E-11	9.34E-09	8.64E-10	1.11E-08
1739	NG_435	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.107	3.86E-08	7.65E-08	2.93E-07	5.66E-09	2.09E-11	4.07E-06	1.24E-08	3.87E-09	7.57E-17	2.01E-09	5.30E-12	3.69E-12	5.89E-11	3.66E-11	2.20E-10	3.47E-12	7.93E-11	1.08E-08	1.00E-09	1.29E-08
1740	NG_436	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.107	4.47E-08	8.89E-08	3.41E-07	7.07E-09	2.42E-11	4.64E-06	1.43E-08	4.48E-09	8.76E-17	2.32E-09	6.13E-12	4.26E-12	6.81E-11	4.23E-11	2.54E-10	4.01E-12	9.17E-11	1.25E-08	1.16E-09	1.49E-08
1760	NG_456	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.157	1.66E-08	3.26E-08	1.20E-07	2.80E-09	9.00E-12	1.81E-06	5.31E-09	1.66E-09	3.24E-17	8.61E-10	2.30E-12	1.64E-12	2.52E-11	1.57E-11	9.39E-11	1.49E-12	3.39E-11	4.63E-09	4.28E-10	5.52E-09
1761	NG_457	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.157	1.79E-08	3.53E-08	1.30E-07	3.04E-09	9.72E-12	1.98E-06	5.73E-09	1.79E-09	3.50E-17	9.30E-10	2.48E-12	1.77E-12	2.72E-11	1.70E-11	1.01E-10	1.61E-12	3.66E-11	5.00E-09	4.63E-10	5.96E-09
1762	NG_458	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.157	1.93E-08	3.82E-08	1.41E-07	3.28E-09	1.05E-11	2.17E-06	6.20E-09	1.93E-09	3.78E-17	1.01E-09	2.69E-12	1.92E-12	2.94E-11	1.84E-11	1.10E-10	1.74E-12	3.96E-11	5.41E-09	5.00E-10	6.45E-09
1763	NG_459	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.157	2.10E-08	4.16E-08	1.53E-07	3.55E-09	1.14E-11	2.41E-06	6.73E-09	2.10E-09	4.11E-17	1.09E-09	2.92E-12	2.08E-12	3.20E-11	2.00E-11	1.19E-10	1.89E-12	4.30E-11	5.87E-09	5.43E-10	7.00E-09
1764	NG_460	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.157	2.25E-08	4.47E-08	1.65E-07	3.75E-09	1.23E-11	2.63E-06	7.22E-09	2.25E-09	4.41E-17	1.17E-09	3.13E-12	2.23E-12	3.43E-11	2.14E-11	1.28E-10	2.03E-12	4.61E-11	6.30E-09	5.83E-10	7.51E-09

AQIA DATA - SCENARIO 1 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1765	NG_461	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.157	2.35E-08	4.66E-08	1.72E-07	3.81E-09	1.28E-11	2.79E-06	7.54E-09	2.35E-09	4.60E-17	1.22E-09	3.27E-12	2.33E-12	3.58E-11	2.24E-11	1.33E-10	2.12E-12	4.81E-11	6.58E-09	6.09E-10	7.84E-09
1766	NG_462	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.157	2.38E-08	4.72E-08	1.75E-07	3.74E-09	1.30E-11	2.85E-06	7.64E-09	2.38E-09	4.66E-17	1.24E-09	3.31E-12	2.36E-12	3.63E-11	2.26E-11	1.35E-10	2.14E-12	4.88E-11	6.66E-09	6.16E-10	7.94E-09
1767	NG_463	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.157	2.36E-08	4.67E-08	1.72E-07	3.63E-09	1.28E-11	2.86E-06	7.57E-09	2.36E-09	4.62E-17	1.23E-09	3.28E-12	2.34E-12	3.59E-11	2.24E-11	1.34E-10	2.12E-12	4.83E-11	6.60E-09	6.11E-10	7.87E-09
1768	NG_464	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.157	2.30E-08	4.54E-08	1.67E-07	3.51E-09	1.25E-11	2.80E-06	7.38E-09	2.30E-09	4.50E-17	1.20E-09	3.19E-12	2.27E-12	3.50E-11	2.19E-11	1.31E-10	2.07E-12	4.71E-11	6.44E-09	5.95E-10	7.67E-09
1769	NG_465	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.157	2.20E-08	4.32E-08	1.57E-07	3.35E-09	1.20E-11	2.68E-06	7.05E-09	2.20E-09	4.30E-17	1.14E-09	3.05E-12	2.17E-12	3.35E-11	2.09E-11	1.25E-10	1.98E-12	4.50E-11	6.15E-09	5.69E-10	7.33E-09
1770	NG_466	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.157	2.07E-08	4.06E-08	1.46E-07	3.16E-09	1.13E-11	2.51E-06	6.64E-09	2.07E-09	4.06E-17	1.08E-09	2.87E-12	2.04E-12	3.15E-11	1.97E-11	1.18E-10	1.86E-12	4.24E-11	5.80E-09	5.36E-10	6.91E-09
1771	NG_467	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.157	1.96E-08	3.82E-08	1.37E-07	2.95E-09	1.06E-11	2.34E-06	6.27E-09	1.96E-09	3.83E-17	1.02E-09	2.71E-12	1.92E-12	2.98E-11	1.86E-11	1.11E-10	1.76E-12	4.01E-11	5.48E-09	5.07E-10	6.52E-09
1774	NG_470	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.157	1.86E-08	3.60E-08	1.29E-07	2.44E-09	1.01E-11	2.08E-06	5.95E-09	1.86E-09	3.64E-17	9.65E-10	2.56E-12	1.80E-12	2.83E-11	1.76E-11	1.05E-10	1.67E-12	3.81E-11	5.20E-09	4.81E-10	6.19E-09
1775	NG_471	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.157	2.08E-08	4.04E-08	1.46E-07	2.57E-09	1.13E-11	2.31E-06	6.66E-09	2.08E-09	4.07E-17	1.08E-09	2.86E-12	2.00E-12	3.16E-11	1.97E-11	1.18E-10	1.87E-12	4.26E-11	5.82E-09	5.38E-10	6.93E-09
1776	NG_472	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.157	2.47E-08	4.84E-08	1.78E-07	2.99E-09	1.34E-11	2.75E-06	7.93E-09	2.48E-09	4.84E-17	1.29E-09	3.40E-12	2.37E-12	3.77E-11	2.34E-11	1.40E-10	2.22E-12	5.07E-11	6.92E-09	6.41E-10	8.25E-09
1777	NG_473	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.157	3.01E-08	5.91E-08	2.19E-07	3.77E-09	1.63E-11	3.37E-06	9.66E-09	3.01E-09	5.90E-17	1.56E-09	4.13E-12	2.88E-12	4.58E-11	2.85E-11	1.71E-10	2.70E-12	6.18E-11	8.43E-09	7.80E-10	1.00E-08
1778	NG_474	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.157	3.65E-08	7.21E-08	2.69E-07	5.19E-09	1.98E-11	4.07E-06	1.17E-08	3.66E-09	7.16E-17	1.90E-09	5.01E-12	3.49E-12	5.56E-11	3.46E-11	2.08E-10	3.28E-12	7.50E-11	1.02E-08	9.47E-10	1.22E-08
1779	NG_475	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.157	4.38E-08	8.68E-08	3.26E-07	7.10E-09	2.37E-11	4.81E-06	1.41E-08	4.39E-09	8.59E-17	2.28E-09	6.01E-12	4.18E-12	6.67E-11	4.15E-11	2.49E-10	3.94E-12	8.99E-11	1.23E-08	1.14E-09	1.46E-08
1780	NG_476	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.157	5.18E-08	1.03E-07	3.89E-07	9.19E-09	2.81E-11	5.57E-06	1.66E-08	5.19E-09	1.02E-16	2.70E-09	7.11E-12	4.94E-12	7.90E-11	4.91E-11	2.95E-10	4.66E-12	1.06E-10	1.45E-08	1.34E-09	1.73E-08
1781	NG_477	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.157	5.96E-08	1.19E-07	4.52E-07	1.13E-08	3.23E-11	6.32E-06	1.91E-08	5.97E-09	1.17E-16	3.10E-09	8.18E-12	5.68E-12	9.08E-11	5.65E-11	3.39E-10	5.36E-12	1.22E-10	1.67E-08	1.55E-09	1.99E-08
1801	NG_497	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.207	1.68E-08	3.31E-08	1.20E-07	3.14E-09	9.14E-12	1.88E-06	5.39E-09	1.68E-09	3.29E-17	8.74E-10	2.33E-12	1.66E-12	2.56E-11	1.60E-11	9.54E-11	1.51E-12	3.44E-11	4.70E-09	4.35E-10	5.61E-09
1802	NG_498	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.207	1.84E-08	3.63E-08	1.32E-07	3.45E-09	1.00E-11	2.08E-06	5.91E-09	1.84E-09	3.61E-17	9.58E-10	2.56E-12	1.82E-12	2.81E-11	1.75E-11	1.05E-10	1.66E-12	3.77E-11	5.16E-09	4.77E-10	6.15E-09
1803	NG_499	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.207	2.02E-08	3.99E-08	1.44E-07	3.78E-09	1.10E-11	2.31E-06	6.48E-09	2.02E-09	3.96E-17	1.05E-09	2.81E-12	2.00E-12	3.08E-11	1.92E-11	1.15E-10	1.82E-12	4.14E-11	5.66E-09	5.23E-10	6.74E-09
1804	NG_500	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.207	2.23E-08	4.43E-08	1.60E-07	4.14E-09	1.22E-11	2.58E-06	7.17E-09	2.24E-09	4.37E-17	1.16E-09	3.10E-12	2.21E-12	3.40E-11	2.12E-11	1.27E-10	2.01E-12	4.58E-11	6.25E-09	5.79E-10	7.45E-09
1805	NG_501	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.207	2.45E-08	4.86E-08	1.76E-07	4.46E-09	1.33E-11	2.87E-06	7.86E-09	2.45E-09	4.80E-17	1.28E-09	3.41E-12	2.43E-12	3.73E-11	2.33E-11	1.39E-10	2.21E-12	5.02E-11	6.86E-09	6.35E-10	8.18E-09
1806	NG_502	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.207	2.64E-08	5.25E-08	1.91E-07	4.68E-09	1.44E-11	3.14E-06	8.49E-09	2.65E-09	5.18E-17	1.38E-09	3.68E-12	2.62E-12	4.03E-11	2.52E-11	1.50E-10	2.38E-12	5.42E-11	7.41E-09	6.85E-10	8.82E-09
1807	NG_503	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.207	2.77E-08	5.50E-08	2.00E-07	4.75E-09	1.51E-11	3.32E-06	8.88E-09	2.77E-09	5.42E-17	1.44E-09	3.85E-12	2.74E-12	4.22E-11	2.63E-11	1.57E-10	2.49E-12	5.67E-11	7.75E-09	7.16E-10	9.23E-09
1808	NG_504	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.207	2.84E-08	5.64E-08	2.05E-07	4.79E-09	1.55E-11	3.47E-06	9.12E-09	2.85E-09	5.57E-17	1.48E-09	3.95E-12	2.82E-12	4.33E-11	2.70E-11	1.61E-10	2.56E-12	5.82E-11	7.96E-09	7.37E-10	9.49E-09
1809	NG_505	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.207	2.84E-08	5.62E-08	2.03E-07	4.74E-09	1.54E-11	3.50E-06	9.10E-09	2.84E-09	5.56E-17	1.48E-09	3.94E-12	2.81E-12	4.32E-11	2.70E-11	1.61E-10	2.55E-12	5.81E-11	7.94E-09	7.35E-10	9.47E-09
1810	NG_506	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.207	2.74E-08	5.41E-08	1.95E-07	4.58E-09	1.49E-11	3.41E-06	8.79E-09	2.74E-09	5.36E-17	1.43E-09	3.80E-12	2.71E-12	4.17E-11	2.60E-11	1.56E-10	2.47E-12	5.61E-11	7.67E-09	7.09E-10	9.14E-09
1811	NG_507	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.207	2.57E-08	5.06E-08	1.81E-07	4.29E-09	1.40E-11	3.20E-06	8.24E-09	2.57E-09	5.03E-17	1.34E-09	3.56E-12	2.53E-12	3.91E-11	2.44E-11	1.46E-10	2.31E-12	5.26E-11	7.19E-09	6.65E-10	8.57E-09
1817	NG_513	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.207	2.96E-08	5.80E-08	2.10E-07	3.94E-09	1.61E-11	3.39E-06	9.51E-09	2.97E-09	5.80E-17	1.54E-09	4.07E-12	2.84E-12	4.51E-11	2.81E-11	1.68E-10	2.66E-12	6.08E-11	8.30E-09	7.68E-10	9.89E-09
1818	NG_514	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.207	3.72E-08	7.32E-08	2.68E-07	5.43E-09	2.01E-11	4.25E-06	1.19E-08	3.73E-09	7.29E-17	1.93E-09	5.10E-12	3.55E-12	5.66E-11	3.52E-11	2.11E-10	3.34E-12	7.63E-11	1.04E-08	9.64E-10	1.24E-08
1819	NG_515	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.207	4.73E-08	9.38E-08	3.45E-07	8.46E-09	2.56E-11	5.40E-06	1.52E-08	4.74E-09	9.28E-17	2.46E-09	6.50E-12	4.52E-12	7.22E-11	4.48E-11	2.69E-10	4.26E-12	9.72E-11	1.33E-08	1.23E-09	1.58E-08
1820	NG_516	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.207	5.92E-08	1.18E-07	4.37E-07	1.23E-08	3.21E-11	6.67E-06	1.90E-08	5.94E-09	1.16E-16	3.08E-09	8.12E-12	5.65E-12	9.03E-11	5.61E-11	3.37E-10	5.32E-12	1.22E-10	1.66E-08	1.54E-09	1.98E-08
1821	NG_517	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.207	7.11E-08	1.42E-07	5.30E-07	1.59E-08	3.85E-11	7.89E-06	2.28E-08	7.12E-09	1.39E-16	3.70E-09	9.75E-12	6.78E-12	1.08E-10	6.73E-11	4.04E-10	6.39E-12	1.46E-10	1.99E-08	1.84E-09	2.37E-08
1842	NG_538	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.257	1.69E-08	3.31E-08	1.18E-07	3.45E-09	9.18E-12	1.94E-06	5.42E-09	1.69E-09	3.31E-17	8.79E-10	2.34E-12	1.66E-12	2.57E-11	1.60E-11	9.59E-11	1.52E-12	3.46E-11	4.73E-09	4.37E-10	5.63E-09
1843	NG_539	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.257	1.86E-08	3.65E-08	1.30E-07	3.80E-09	1.01E-11	2.15E-06	5.96E-09	1.86E-09	3.64E-17	9.66E-10	2.58E-12	1.83E-12	2.83E-11	1.76E-11	1.05E-10	1.67E-12	3.80E-11	5.20E-09	4.81E-10	6.19E-09
1844	NG_540	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.257	2.07E-08	4.07E-08	1.45E-07	4.21E-09	1.12E-11	2.40E-06	6.63E-09	2.07E-09	4.04E-17	1.07E-09	2.87E-12	2.04E-12	3.15E-11	1.96E-11	1.17E-10	1.86E-12	4.23E-11	5.78E-09	5.35E-10	6.89E-09
1845	NG_541	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.257	2.32E-08	4.58E-08	1.63E-07	4.66E-09	1.26E-11	2.72E-06	7.44E-09	2.32E-09	4.54E-17	1.21E-09	3.22E-12	2.29E-12	3.53E-11	2.20E-11	1.32E-10	2.09E-12	4.75E-11	6.49E-09	6.01E-10	7.74E-09
1846	NG_542	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.257	2.60E-08	5.14E-08	1.84E-07	5.11E-09	1.41E-11	3.06E-06	8.34E-09	2.60E-09	5.09E-17	1.35E-09	3.61E-12	2.57E-12	3.96E-11	2.47E-11	1.48E-10	2.34E-12	5.32E-11	7.27E-09	6.73E-10	8.67E-09
1847	NG_543	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.257	2.87E-08	5.69E-08	2.04E-07	5.49E-09	1.56E-11	3.41E-06	9.21E-09	2.87E-09	5.62E-17	1.49E-09	3.99E-12	2.84E-12	4.37E-11	2.73E-11	1.63E-10	2.58E-12	5.88E-11	8.04E-09	7.43E-10	9.58E-09
1848	NG_544	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.257	3.14E-08	6.23E-08	2.23E-07	5.85E-09	1.71E-11	3.78E-06	1.01E-08	3.14E-09	6.15E-17	1.63E-09	4.36E-12	3.11E-12	4.78E-11	2.99E-11	1.78E-10	2.83E-12	6.43E-11	8.79E-09	8.13E-10	1.05E-08
1849	NG_545	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.257	3.37E-08	6.70E-08	2.40E-07	6.19E-09	1.84E-11	4.13E-06	1.08E-08	3.38E-09	6.61E-17	1.76E-09	4.69E-12	3.35E-12	5.14E-11	3.21E-11	1.92E-10	3.04E-12	6.91E-11	9.45E-09	8.74E-10	1.13E-08
1850	NG_546	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.257	3.50E-08	6.94E-08	2.48E-07	6.39E-09	1.90E-11	4.35E-06	1.12E-08	3.50E-09	6.85E-17	1.82E-09	4.86E-12	3.46E-12	5.33E-11	3.33E-11	1.99E-10	3.15E-12	7.17E-11	9.80E-09	9.06E-10	1.17E-08
1851	NG_547	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.257	3.46E-08	6.87E-08	2.45E-07	6.36E-09	1.89E-11	4.38E-06	1.11E-08	3.47E-09	6.79E-17	1.80E-09	4.81E-12	3.43E-12	5.28E-11	3.30E-11	1.97E-10	3.12E-12	7.10E-11	9.70E-09	8.98E-10	1.16E-08
1852	NG_548	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.257	3.28E-08	6.49E-08	2.30E-07	6.07E-09	1.79E-11	4.22E-06	1.05E-08	3.29E-09	6.43E-17	1.71E-09	4.56E-12	3.24E-12	5.00E-11	3.12E-11	1.86E-10	2.96E-12	6.73E-11	9.19E-09	8.50E-10	1.10E-08
1859	NG_555	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.257	4.97E-08	9.81E-08	3.53E-07	9.19E-09	2.69E-11	5.89E-06	1.59E-08	4.98E-09	9.74E-17	2.58E-09	6.81E-12	4.74E-12	7.57E-11	4.70E-11	2.82E-10	4.46E-12	1.02E-10	1.39E-08	1.29E-09	1.66E-08
1860	NG_556	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.257	6.64E-08	1.32E-07	4.79E-07	1.59E-08	3.59E-11	7.86E-06	2.13E-08	6.65E-09	1.30E-16	3.45E-09	9.10E-12	6.32E-12	1.01E-10	6.29E-11	3.77E-10	5.97E-12	1.36E-10	1.86E-08	1.72E-09	2.22E-08
1861	NG_557	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.257	8.44E-08	1.69E-07	6.18E-07	2.32E-08	4.57E-11	9.91E-06	2.71E-08	8.46E-09	1.66E-16	4.39E-09	1.16E-11	8.04E-12	1.29E-10	8.00E-11	4.80E-10	7.59E-12	1.73E-10	2.37E-08	2.19E-09	2.82E-08
1862	NG_558	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.257	9.77E-08	1.96E-07	7.22E-07	2.82E-08	5.29E-11	1.13E-05	3.14E-08	9.79E-09	1.92E-16	5.08E-09	1.34E-11	9.30E-12	1.49E-10	9.25E-11	5.55E-10	8.78E-12	2.01E-10	2.74E-08	2.53E-09	3.26E-08
1882	NG_578	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.307	1.55E-08	3.03E-08	1.07E-07	3.40E-09	8.42E-12	1.83E-06	4.97E-09	1.55E-09	3.04E-17	8.06E-10	2.15E-12	1.52E-12	2.36E-11	1.47E-11	8.80E-11	1.39E-12	3.18E-11	4.34E-09	4.01E-10	5.17E-09
1883	NG_579	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.307	1.69E-08	3.31E-08	1.17E-07	3.74E-09	9.18E-12	2.00E-06	5.42E-09	1.69E-09	3.31E-17	8.79E-10	2.34E-12	1.66E-12	2.57E-11	1.61E-11	9.59E-11	1.52E-12	3.46E-11	4.73E-09	4.38E-10	5.64E-09
1884	NG_580	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.307	1.86E-08	3.64E-08	1.28E-07	4.12E-09	1.01E-11	2.21E-06	5.96E-09	1.86E-09	3.64E-17	9.67E-10	2.58E-12	1.83E-12	2.83E-11	1.77E-11	1.06E-10	1.67E-12	3.81E-11	5.20E-09	4.81E-10	6.20E-09
1885	NG_581	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.307	2.08E-08	4.09E-08	1.44E-07	4.59E-09	1.13E-11	2.48E-06	6.69E-09	2.09E-09	4.08E-17	1.08E-09	2.89E-12	2.05E-12	3.17E-11	1.98E-11	1.18E-10	1.88E-12	4.27E-11	5.83E-09	5.40E-10	6.95E-09
1887	NG_583	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.307	2.68E-08	5.28E-08	1.86E-07	5.67E-09	1.46E-11	3.21E-06	8.60E-09	2.68E-09	5.25E-17	1.39E-09	3.72E-12	2.65E-12	4.08E-11	2.55E-11	1.52E-10	2.41E-12	5.49E-11	7.50E-09	6.94E-10	8.94E-09
1888	NG_584	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.307	3.02E-08	5.98E-08	2.11E-07	6.23E-09	1.65E-11	3.63E-06	9.71E-09	3.03E-09	5.93E-17	1.57E-09	4.20E-12	2.99E-12	4.61E-11	2.88E-11	1.72E-10	2.72E-12	6.20E-11	8.47E-09	7.84E-10	1.01E-08
1889	NG_585	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.307	3.44E-08	6.81E-08	2.41E-07	6.94E-09	1.87E-11	4.17E-06	1.10E-08	3.44E-09	6.74E-17	1.79E-09	4.78E-12	3.41E-12	5.24E-11	3.27E-11	1.95E-10	3.10E-12	7.05E-11	9.64E-09	8.91E-10	1.15E-08
1890	NG_586	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.307	3.88E-08	7.69E-08	2.73E-07	7.76E-09	2.11E-11	4.77E-06	1.25E-08	3.89E-09	7.61E-17	2.02E-09	5.40E-12	3.85E-12	5.92E-11	3.69E-11	2.21E-10	3.50E-12	7.96E-11	1.09E-08	1.01E-09	1.30E-08
1891	NG_587	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.307	4.22E-08	8.37E-08	2.96E-07	8.46E-09	2.30E-11	5.27E-06	1.35E-08	4.22E-09	8.27E-17	2.20E-09	5.86E-12	4.18E-12	6.43E-11	4.01E-11	2.40E-10	3.80E-12	8.65E-11	1.18E-08	1.09E-09	1.41E-08
1892	NG_588	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.307	4.36E-08	8.66E-08	3.06E-07	8.91E-09	2.37E-11	5.60E-06	1.40E-08	4.37E-09	8.54E-17	2.27E-09	6.06E-12	4.32E-12	6.65E-11	4.15E-11	2.48E-10	3.93E-12	8.94E-11	1.22E-08	1.13E-09	1.46E-08
1893	NG_589	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.307	4.34E-08	8.62E-08	3.03E-07	9.08E-09	2.36E-11	5.77E-06	1.39E-08	4.35E-09	8.51E-17	2.26E-09	6.04E-12	4.30E-12	6.62E-11	4.13E-11	2.47E-10	3.91E-12	8.91E-11	1.22E-08	1.13E-09	1.45E-08
1900	NG_596	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.307	7.40E-08	1.47E-07	5.23E-07	1.85E-08	4.01E-11	9.23E-06	2.38E-08	7.42E-09	1.45E-16	3.85E-09	1.02E-11	7.05E-12	1.13E-10	7.01E-11	4.21E-10	6.65E-12	1.52E-10	2.07E-08	1.92E-09	2.47E-08
1901	NG_597	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.307	1.03E-07	2.06E-07	7.37E-07	3.36E-08	5.56E-11	1.28E-05	3.30E-08	1.03E-08	2.01E-16	5.34E-09	1.41E-11	9.75E-12	1.56E-10	9.72E-11	5.84E-10	9.23E-12	2.11E-10	2.88E-08	2.66E-09	3.43E-08
1902	NG_598	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.307	1.25E-07	2.52E-07	9.08E-07	4.54E-08	6.78E-11	1.55E-05	4.02E-08	1.25E-08	2.45E-16	6.51E-09	1.71E-11	1.19E-11	1.91E-10	1.18E-10	7.11E-10	1.12E-11	2.57E-10	3.51E-08	3.25E-09	4.18E-08
1903	NG_599	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.307	1.34E-07	2.72E-07	9.84E-07	4.96E-08	7.28E-11	1.64E-05	4.32E-08	1.35E-08	2.64E-16	6.99E-09	1.84E-11	1.28E-11	2.05E-10	1.27E-10	7.64E-10	1.21E-11	2.76E-10	3.77E-08	3.49E-09	4.49E-08
1922	NG_618	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.357	1.43E-08	2.79E-08	9.81E-08	3.29E-09	7.78E-12	1.73E-06	4.59E-09	1.43E-09	2.80E-17	7.45E-10	1.98E-12	1.40E-12	2.18E-11	1.36E-11	8.13E-11	1.29E-12	2.93E-11	4.01E-09	3.71E-10	4.78E-09
1923	NG_619	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.357	1.56E-08	3.04E-08	1.07E-07	3.65E-09	8.48E-12	1.90E-06	5.01E-09	1.56E-09	3.06E-17	8.12E-10	2.16E-12	1.53E-12	2.38E-11	1.48E-11	8.86E-11	1.40E-12	3.20E-11	4.37E-09	4.04E-10	5.21E-09
1924	NG_620	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.357	1.71E-08	3.33E-08	1.16E-07	4.03E-09	9.26E-12	2.09E-06	5.47E-09	1.71E-09	3.34E-17	8.87E-10	2.36E-12	1.67E-12	2.60E-11	1.62E-11	9.68E-11	1.53E-12	3.49E-11	4.77E-09	4.42E-10	5.69E-09
1925	NG_621	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.357	1.88E-08	3.67E-08	1.28E-07	4.44E-09	1.02E-11	2.30E-06	6.03E-09	1.88E-09	3.68E-17	9.78E-10	2.60E-12	1.84E-12	2.86E-11	1.78E-11	1.07E-10	1.69E-12	3.85E-11	5.26E-09	4.87E-10	6.27E-09
1926	NG_622	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.357	2.11E-08	4.13E-08	1.44E-07	4.95E-09	1.15E-11	2.58E-06	6.77E-09	2.11E-09	4.13E-17	1.10E-09	2.92E-12	2.07E-12	3.22E-11	2.00E-11	1.20E-10	1.90E-12	4.33E-11	5.91E-09	5.47E-10	7.04E-09
1927	NG_623	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.357	2.40E-08	4.69E-08	1.63E-07	5.54E-09	1.30E-11	2.93E-06	7.69E-09	2.40E-09	4.70E-17	1.25E-09	3.32E-12	2.35E-12	3.65E-11	2.28E-11	1.36E-10	2.16E-12	4.91E-11	6.71E-09	6.21E-10	8.00E-09
1928	NG_624	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.357	2.72E-08	5.33E-08	1.86E-07	6.16E-09	1.48E-11	3.32E-06	8.73E-09	2.72E-09	5.33E-17	1.42E-09	3.77E-12	2.68E-12	4.15E-11	2.58E-11	1.54E-10	2.45E-12	5.57E-11	7.62E-09	7.05E-10	9.08E-09
1929	NG_625	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.357	3.13E-08	6.14E-08	2.14E-07	6.93E-09	1.70E-11	3.82E-06	1.00E-08	3.13E-09	6.13E-17	1.63E-09	4.34E-12	3.08E-12	4.77E-11	2.97E-11	1.78E-10	2.82E-12	6.41E-11	8.76E-09	8.11E-10	1.04E-08
1930	NG_626	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.357	3.67E-08	7.21E-08	2.52E-07	8.01E-09	2.00E-11	4.50E-06	1.18E-08	3.67E-09	7.19E-17	1.91E-09	5.09E-12	3.62E-12	5.59E-11	3.49E-11	2.08E-10	3.30E-12	7.52E-11	1.03E-08	9.51E-10	1.22E-08
1931	NG_627	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.357	4.28E-08	8.45E-08	2.96E-07	9.33E-09	2.33E-11	5.31E-06	1.38E-08	4.29E-09	8.40E-17	2.23E-09	5.95E-12	4.23E-12	6.53E-11	4.08E-11	2.43E-10	3.86E-12	8.78E-11	1.20E-08	1.11E-09	1.43E-08
1932	NG_628	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.357	4.86E-08	9.60E-08	3.36E-07	1.07E-08	2.64E-11	6.12E-06	1.56E-08	4.86E-09	9.52E-17	2.53E-09	6.75E-12	4.80E-12	7.41E-11	4.62E-11	2.76E-10	4.37E-12	9.96E-11	1.36E-08	1.26E-09	1.62E-08
1933	NG_629	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.357	5.33E-08	1.06E-07	3.70E-07	1.22E-08	2.90E-11	6.99E-06	1.71E-08	5.34E-09	1.05E-16	2.78E-09	7.41E-12	5.28E-12	8.13E-11	5.07E-11	3.03E-10	4.81E-12	1.09E-10	1.49E-08	1.38E-09	1.78E-08
1934	NG_630	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.357	5.79E-08	1.15E-07	4.01E-07	1.37E-08	3.15E-11	7.90E-06	1.86E-08	5.80E-09	1.13E-16	3.01E-09	8.04E-12	5.72E-12	8.82E-11	5.51E-11	3.29E-10	5.21E-12	1.19E-10	1.62E-08	1.50E-09	1.93E-08
1961	NG_657	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.407	1.25E-08	2.43E-08	8.56E-08	2.84E-09	6.79E-12	1.51E-06	4.01E-09	1.25E-09	2.45E-17	6.50E-10	1.73E-12	1.22E-12	1.90E-11	1.19E-11	7.10E-11	1.12E-12	2.56E-11	3.50E-09	3.24E-10	4.17E-09
1962	NG_658	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.407	1.35E-08	2.63E-08	9.22E-08	3.17E-09	7.32E-12	1.66E-06	4.33E-09	1.35E-09	2.64E-17	7.02E-10	1.86E-12	1.32E-12	2.06E-11	1.28E-11	7.66E-11	1.21E-12	2.77E-11	3.78E-09	3.50E-10	4.50E-09
1963	NG_659	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.407	1.46E-08	2.84E-08	9.93E-08	3.52E-09	7.92E-12	1.81E-06	4.68E-09	1.46E-09	2.86E-17	7.59E-10	2.02E-12	1.42E-12	2.22E-11	1.38E-11	8.28E-11	1.31E-12	2.99E-11	4.08E-09	3.78E-10	4.87E-09
1964	NG_660	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.407	1.59E-08	3.09E-08	1.08E-07	3.89E-09	8.62E-12	1.99E-06	5.09E-09	1.59E-09	3.11E-17	8.26E-10	2.19E-12	1.55E-12	2.42E-11	1.51E-11	9.01E-11	1.43E-12	3.25E-11	4.44E-09	4.11E-10	5.30E-09
1965	NG_661	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.407	1.74E-08	3.39E-08	1.18E-07	4.30E-09	9.43E-12	2.18E-06	5.57E-09	1.74E-09	3.40E-17	9.04E-10	2.40E-12	1.70E-12	2.65E-11	1.65E-11	9.86E-11	1.56E-12	3.56E-11	4.86E-09	4.50E-10	5.80E-09
1966	NG_662	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.407	1.93E-08	3.76E-08	1.30E-07	4.77E-09	1.05E-11	2.43E-06	6.18E-09	1.93E-09	3.77E-17	1.00E-09	2.67E-12	1.88E-12	2.94E-11	1.83E-11	1.09E-10	1.73E-12	3.95E-11	5.40E-09	4.99E-10	6.43E-09
1967	NG_663	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.407	2.16E-08	4.21E-08	1.46E-07	5.32E-09	1.17E-11	2.72E-06	6.93E-09	2.16E-09	4.23E-17	1.12E-09	2.99E-12	2.11E-12	3.29E-11	2.05E-11	1.23E-10	1.94E-12	4.43E-11	6.05E-09	5.60E-10	7.21E-09
1968	NG_664	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.407	2.44E-08	4.76E-08	1.65E-07	5.94E-09	1.33E-11	3.06E-06	7.84E-09	2.45E-09	4.78E-17	1.27E-09	3.38E-12	2.39E-12	3.72E-11	2.32E-11	1.39E-10	2.20E-12	5.01E-11	6.84E-09	6.33E-10	8.15E-09
1969	NG_665	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.407	2.78E-08	5.43E-08	1.87E-07	6.66E-09	1.51E-11	3.47E-06	8.93E-09	2.79E-09	5.45E-17	1.45E-09	3.85E-12	2.73E-12	4.24E-11	2.64E-11	1.58E-10	2.50E-12	5.70E-11	7.79E-09	7.21E-10	9.29E-09
1970	NG_666	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.407	3.24E-08	6.33E-08	2.19E-07	7.66E-09	1.76E-11	4.06E-06	1.04E-08	3.25E-09	6.36E-17	1.69E-09	4.49E-12	3.18E-12	4.94E-11	3.08E-11	1.84E-10	2.92E-12	6.65E-11	9.09E-09	8.41E-10	1.08E-08
1971	NG_667	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.407	3.86E-08	7.54E-08	2.60E-07	9.07E-09	2.10E-11	4.84E-06	1.24E-08	3.87E-09	7.56E-17	2.01E-09	5.35E-12	3.79E-12	5.88E-11	3.67E-11	2.19E-10	3.48E-12	7.91E-11	1.08E-08	1.00E-09	1.29E-08

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 1 COMMERCIAL

Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1972	NG_668	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.407	4.58E-08	8.97E-08	3.10E-07	1.08E-08	2.49E-11	5.78E-06	1.47E-08	4.59E-09	8.99E-17	2.39E-09	6.36E-12	4.51E-12	6.99E-11	4.36E-11	2.61E-10	4.13E-12	9.40E-11	1.28E-08	1.19E-09	1.53E-08
1973	NG_669	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.407	5.34E-08	1.05E-07	3.63E-07	1.30E-08	2.91E-11	6.90E-06	1.71E-08	5.35E-09	1.05E-16	2.78E-09	7.41E-12	5.26E-12	8.14E-11	5.08E-11	3.03E-10	4.81E-12	1.09E-10	1.50E-08	1.38E-09	1.78E-08
1974	NG_670	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.407	6.23E-08	1.23E-07	4.25E-07	1.61E-08	3.39E-11	8.42E-06	2.00E-08	6.25E-09	1.22E-16	3.25E-09	8.66E-12	6.15E-12	9.51E-11	5.93E-11	3.54E-10	5.62E-12	1.28E-10	1.75E-08	1.62E-09	2.08E-08
1975	NG_671	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.407	7.39E-08	1.46E-07	5.04E-07	1.99E-08	4.02E-11	1.03E-05	2.37E-08	7.40E-09	1.45E-16	3.85E-09	1.03E-11	7.30E-12	1.13E-10	7.03E-11	4.20E-10	6.66E-12	1.52E-10	2.07E-08	1.92E-09	2.47E-08
2002	NG_698	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.457	1.27E-08	2.46E-08	8.65E-08	2.98E-09	6.88E-12	1.57E-06	4.07E-09	1.27E-09	2.48E-17	6.59E-10	1.75E-12	1.24E-12	1.93E-11	1.20E-11	7.20E-11	1.14E-12	2.60E-11	3.55E-09	3.28E-10	4.23E-09
2003	NG_699	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.457	1.37E-08	2.67E-08	9.32E-08	3.32E-09	7.43E-12	1.72E-06	4.39E-09	1.37E-09	2.68E-17	7.12E-10	1.89E-12	1.33E-12	2.09E-11	1.30E-11	7.78E-11	1.23E-12	2.81E-11	3.83E-09	3.55E-10	4.57E-09
2004	NG_700	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.457	1.48E-08	2.88E-08	1.00E-07	3.68E-09	8.02E-12	1.87E-06	4.74E-09	1.48E-09	2.89E-17	7.69E-10	2.04E-12	1.44E-12	2.25E-11	1.40E-11	8.39E-11	1.33E-12	3.03E-11	4.14E-09	3.83E-10	4.93E-09
2005	NG_701	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.457	1.61E-08	3.13E-08	1.08E-07	4.05E-09	8.72E-12	2.04E-06	5.15E-09	1.61E-09	3.14E-17	8.35E-10	2.22E-12	1.57E-12	2.45E-11	1.52E-11	9.12E-11	1.44E-12	3.29E-11	4.50E-09	4.16E-10	5.36E-09
2006	NG_702	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.457	1.77E-08	3.44E-08	1.19E-07	4.49E-09	9.60E-12	2.26E-06	5.67E-09	1.77E-09	3.46E-17	9.19E-10	2.44E-12	1.72E-12	2.69E-11	1.68E-11	1.00E-10	1.59E-12	3.62E-11	4.95E-09	4.58E-10	5.90E-09
2007	NG_703	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.457	1.97E-08	3.83E-08	1.32E-07	5.00E-09	1.07E-11	2.52E-06	6.31E-09	1.97E-09	3.85E-17	1.02E-09	2.72E-12	1.92E-12	3.00E-11	1.87E-11	1.12E-10	1.77E-12	4.03E-11	5.51E-09	5.10E-10	6.57E-09
2009	NG_705	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.457	2.50E-08	4.85E-08	1.67E-07	6.26E-09	1.36E-11	3.17E-06	8.01E-09	2.50E-09	4.89E-17	1.30E-09	3.45E-12	2.44E-12	3.80E-11	2.37E-11	1.42E-10	2.25E-12	5.12E-11	6.99E-09	6.47E-10	8.33E-09
2010	NG_706	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.457	2.86E-08	5.54E-08	1.90E-07	7.08E-09	1.55E-11	3.62E-06	9.17E-09	2.86E-09	5.60E-17	1.49E-09	3.95E-12	2.79E-12	4.35E-11	2.71E-11	1.62E-10	2.57E-12	5.86E-11	8.00E-09	7.40E-10	9.53E-09
2011	NG_707	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.457	3.36E-08	6.52E-08	2.23E-07	8.29E-09	1.83E-11	4.27E-06	1.08E-08	3.37E-09	6.59E-17	1.75E-09	4.65E-12	3.29E-12	5.13E-11	3.19E-11	1.91E-10	3.03E-12	6.90E-11	9.42E-09	8.72E-10	1.12E-08
2012	NG_708	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.457	4.04E-08	7.83E-08	2.68E-07	1.00E-08	2.20E-11	5.16E-06	1.30E-08	4.05E-09	7.92E-17	2.10E-09	5.59E-12	3.96E-12	6.16E-11	3.84E-11	2.30E-10	3.64E-12	8.29E-11	1.13E-08	1.05E-09	1.35E-08
2013	NG_709	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.457	4.84E-08	9.40E-08	3.21E-07	1.22E-08	2.63E-11	6.24E-06	1.55E-08	4.85E-09	9.48E-17	2.52E-09	6.70E-12	4.74E-12	7.37E-11	4.60E-11	2.75E-10	4.35E-12	9.92E-11	1.36E-08	1.25E-09	1.62E-08
2014	NG_710	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.457	5.67E-08	1.11E-07	3.78E-07	1.51E-08	3.09E-11	7.57E-06	1.82E-08	5.68E-09	1.11E-16	2.95E-09	7.86E-12	5.57E-12	8.65E-11	5.39E-11	3.22E-10	5.11E-12	1.16E-10	1.59E-08	1.47E-09	1.89E-08
2015	NG_711	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.457	6.90E-08	1.35E-07	4.60E-07	1.98E-08	3.75E-11	9.65E-06	2.21E-08	6.91E-09	1.35E-16	3.59E-09	9.56E-12	6.78E-12	1.05E-10	6.56E-11	3.92E-10	6.21E-12	1.41E-10	1.93E-08	1.79E-09	2.30E-08
2016	NG_712	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.457	8.75E-08	1.72E-07	5.85E-07	2.64E-08	4.76E-11	1.27E-05	2.81E-08	8.77E-09	1.72E-16	4.56E-09	1.21E-11	8.61E-12	1.33E-10	8.32E-11	4.97E-10	7.88E-12	1.80E-10	2.45E-08	2.27E-09	2.92E-08
2043	NG_739	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.507	1.27E-08	2.47E-08	8.64E-08	3.05E-09	6.90E-12	1.59E-06	4.08E-09	1.27E-09	2.49E-17	6.61E-10	1.75E-12	1.24E-12	1.94E-11	1.21E-11	7.22E-11	1.14E-12	2.60E-11	3.56E-09	3.29E-10	4.24E-09
2044	NG_740	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.507	1.37E-08	2.67E-08	9.30E-08	3.40E-09	7.45E-12	1.74E-06	4.40E-09	1.37E-09	2.69E-17	7.13E-10	1.89E-12	1.34E-12	2.09E-11	1.30E-11	7.79E-11	1.23E-12	2.81E-11	3.84E-09	3.55E-10	4.58E-09
2045	NG_741	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.507	1.48E-08	2.88E-08	1.00E-07	3.75E-09	8.05E-12	1.89E-06	4.76E-09	1.48E-09	2.90E-17	7.71E-10	2.05E-12	1.44E-12	2.26E-11	1.41E-11	8.42E-11	1.33E-12	3.04E-11	4.15E-09	3.84E-10	4.95E-09
2046	NG_742	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.507	1.62E-08	3.14E-08	1.09E-07	4.14E-09	8.77E-12	2.06E-06	5.18E-09	1.62E-09	3.16E-17	8.41E-10	2.23E-12	1.57E-12	2.46E-11	1.53E-11	9.18E-11	1.45E-12	3.31E-11	4.52E-09	4.19E-10	5.39E-09
2047	NG_743	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.507	1.78E-08	3.46E-08	1.19E-07	4.58E-09	9.66E-12	2.28E-06	5.71E-09	1.78E-09	3.49E-17	9.26E-10	2.46E-12	1.74E-12	2.71E-11	1.69E-11	1.01E-10	1.60E-12	3.65E-11	4.98E-09	4.61E-10	5.94E-09
2049	NG_745	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.507	2.24E-08	4.34E-08	1.49E-07	5.71E-09	1.22E-11	2.85E-06	7.18E-09	2.24E-09	4.38E-17	1.16E-09	3.09E-12	2.18E-12	3.41E-11	2.12E-11	1.27E-10	2.01E-12	4.59E-11	6.27E-09	5.80E-10	7.47E-09
2050	NG_746	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.507	2.54E-08	4.92E-08	1.68E-07	6.44E-09	1.38E-11	3.23E-06	8.15E-09	2.54E-09	4.98E-17	1.32E-09	3.51E-12	2.48E-12	3.87E-11	2.41E-11	1.44E-10	2.29E-12	5.21E-11	7.11E-09	6.58E-10	8.48E-09
2051	NG_747	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.507	2.92E-08	5.64E-08	1.93E-07	7.33E-09	1.59E-11	3.70E-06	9.38E-09	2.93E-09	5.72E-17	1.52E-09	4.04E-12	2.85E-12	4.45E-11	2.77E-11	1.66E-10	2.63E-12	5.99E-11	8.18E-09	7.57E-10	9.75E-09
2052	NG_748	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.507	3.46E-08	6.68E-08	2.28E-07	8.67E-09	1.88E-11	4.41E-06	1.11E-08	3.47E-09	6.79E-17	1.80E-09	4.79E-12	3.39E-12	5.28E-11	3.29E-11	1.97E-10	3.12E-12	7.10E-11	9.70E-09	8.98E-10	1.16E-08
2053	NG_749	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.507	4.21E-08	8.11E-08	2.76E-07	1.06E-08	2.29E-11	5.41E-06	1.35E-08	4.21E-09	8.24E-17	2.19E-09	5.82E-12	4.11E-12	6.41E-11	4.00E-11	2.39E-10	3.79E-12	8.63E-11	1.18E-08	1.09E-09	1.40E-08
2054	NG_750	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.507	5.04E-08	9.74E-08	3.31E-07	1.31E-08	2.74E-11	6.58E-06	1.62E-08	5.05E-09	9.88E-17	2.63E-09	6.98E-12	4.93E-12	7.69E-11	4.79E-11	2.87E-10	4.54E-12	1.03E-10	1.41E-08	1.31E-09	1.68E-08
2055	NG_751	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.507	5.94E-08	1.15E-07	3.89E-07	1.66E-08	3.23E-11	8.10E-06	1.91E-08	5.95E-09	1.16E-16	3.09E-09	8.22E-12	5.81E-12	9.06E-11	5.64E-11	3.38E-10	5.35E-12	1.22E-10	1.66E-08	1.54E-09	1.98E-08
2056	NG_752	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.507	7.33E-08	1.42E-07	4.80E-07	2.25E-08	3.98E-11	1.06E-05	2.35E-08	7.34E-09	1.44E-16	3.82E-09	1.01E-11	7.18E-12	1.12E-10	6.96E-11	4.17E-10	6.60E-12	1.50E-10	2.05E-08	1.90E-09	2.45E-08
2057	NG_753	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.507	9.59E-08	1.86E-07	6.28E-07	3.15E-08	5.21E-11	1.44E-05	3.08E-08	9.61E-09	1.88E-16	4.99E-09	1.33E-11	9.40E-12	1.46E-10	9.11E-11	5.45E-10	8.63E-12	1.97E-10	2.69E-08	2.49E-09	3.20E-08
2085	NG_781	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.557	1.36E-08	2.65E-08	9.20E-08	3.41E-09	7.39E-12	1.72E-06	4.37E-09	1.36E-09	2.67E-17	7.09E-10	1.88E-12	1.33E-12	2.08E-11	1.29E-11	7.74E-11	1.23E-12	2.79E-11	3.81E-09	3.53E-10	4.55E-09
2086	NG_782	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.557	1.48E-08	2.87E-08	9.94E-08	3.76E-09	8.02E-12	1.88E-06	4.74E-09	1.48E-09	2.89E-17	7.68E-10	2.04E-12	1.44E-12	2.25E-11	1.40E-11	8.39E-11	1.33E-12	3.03E-11	4.14E-09	3.83E-10	4.93E-09
2088	NG_784	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.557	1.78E-08	3.46E-08	1.19E-07	4.59E-09	9.68E-12	2.27E-06	5.72E-09	1.78E-09	3.49E-17	9.28E-10	2.46E-12	1.74E-12	2.72E-11	1.69E-11	1.01E-10	1.60E-12	3.66E-11	4.99E-09	4.62E-10	5.95E-09
2089	NG_785	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.557	1.99E-08	3.86E-08	1.33E-07	5.11E-09	1.08E-11	2.54E-06	6.40E-09	2.00E-09	3.91E-17	1.04E-09	2.76E-12	1.94E-12	3.04E-11	1.89E-11	1.13E-10	1.79E-12	4.09E-11	5.59E-09	5.17E-10	6.66E-09
2090	NG_786	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.557	2.25E-08	4.35E-08	1.49E-07	5.72E-09	1.22E-11	2.85E-06	7.23E-09	2.25E-09	4.41E-17	1.17E-09	3.11E-12	2.20E-12	3.43E-11	2.14E-11	1.28E-10	2.03E-12	4.62E-11	6.31E-09	5.84E-10	7.52E-09
2091	NG_787	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.557	2.56E-08	4.95E-08	1.69E-07	6.46E-09	1.39E-11	3.24E-06	8.23E-09	2.57E-09	5.03E-17	1.33E-09	3.55E-12	2.50E-12	3.91E-11	2.44E-11	1.46E-10	2.31E-12	5.26E-11	7.19E-09	6.65E-10	8.56E-09
2092	NG_788	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.557	2.96E-08	5.71E-08	1.95E-07	7.38E-09	1.61E-11	3.74E-06	9.52E-09	2.97E-09	5.81E-17	1.54E-09	4.10E-12	2.90E-12	4.52E-11	2.82E-11	1.68E-10	2.67E-12	6.08E-11	8.31E-09	7.68E-10	9.90E-09
2093	NG_789	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.557	3.54E-08	6.81E-08	2.32E-07	8.78E-09	1.92E-11	4.49E-06	1.14E-08	3.55E-09	6.94E-17	1.84E-09	4.90E-12	3.46E-12	5.40E-11	3.36E-11	2.01E-10	3.19E-12	7.26E-11	9.92E-09	9.18E-10	1.18E-08
2094	NG_790	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.557	4.32E-08	8.30E-08	2.82E-07	1.08E-08	2.35E-11	5.53E-06	1.39E-08	4.33E-09	8.46E-17	2.25E-09	5.98E-12	4.22E-12	6.58E-11	4.10E-11	2.45E-10	3.89E-12	8.86E-11	1.21E-08	1.12E-09	1.44E-08
2095	NG_791	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.557	5.19E-08	9.98E-08	3.38E-07	1.34E-08	2.82E-11	6.77E-06	1.67E-08	5.20E-09	1.02E-16	2.70E-09	7.19E-12	5.08E-12	7.92E-11	4.93E-11	2.95E-10	4.67E-12	1.07E-10	1.46E-08	1.35E-09	1.73E-08
2096	NG_792	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.557	6.12E-08	1.18E-07	3.99E-07	1.71E-08	3.33E-11	8.39E-06	1.97E-08	6.14E-09	1.20E-16	3.19E-09	8.48E-12	5.99E-12	9.34E-11	5.82E-11	3.48E-10	5.52E-12	1.26E-10	1.72E-08	1.59E-09	2.05E-08
2097	NG_793	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.557	7.57E-08	1.46E-07	4.92E-07	2.35E-08	4.12E-11	1.10E-05	2.43E-08	7.59E-09	1.48E-16	3.94E-09	1.05E-11	7.41E-12	1.15E-10	7.20E-11	4.30E-10	6.82E-12	1.55E-10	2.12E-08	1.96E-09	2.53E-08
2098	NG_794	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.557	9.90E-08	1.92E-07	6.43E-07	3.31E-08	5.39E-11	1.51E-05	3.18E-08	9.92E-09	1.94E-16	5.16E-09	1.37E-11	9.70E-12	1.51E-10	9.41E-11	5.63E-10	8.92E-12	2.03E-10	2.78E-08	2.57E-09	3.31E-08
2099	NG_795	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.557	1.30E-07	2.52E-07	8.43E-07	4.56E-08	7.07E-11	2.04E-05	4.17E-08	1.30E-08	2.55E-16	6.77E-09	1.80E-11	1.27E-11	1.98E-10	1.24E-10	7.39E-10	1.17E-11	2.67E-10	3.64E-08	3.37E-09	4.34E-08
2125	NG_821	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.607	1.26E-08	2.43E-08	8.47E-08	3.06E-09	6.81E-12	1.56E-06	4.03E-09	1.26E-09	2.46E-17	6.53E-10	1.73E-12	1.22E-12	1.91E-11	1.19E-11	7.12E-11	1.13E-12	2.57E-11	3.51E-09	3.25E-10	4.19E-09
2126	NG_822	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.607	1.36E-08	2.63E-08	9.14E-08	3.39E-09	7.37E-12	1.71E-06	4.35E-09	1.36E-09	2.66E-17	7.06E-10	1.87E-12	1.32E-12	2.07E-11	1.29E-11	7.71E-11	1.22E-12	2.78E-11	3.80E-09	3.52E-10	4.53E-09
2127	NG_823	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.607	1.48E-08	2.86E-08	9.91E-08	3.75E-09	8.02E-12	1.87E-06	4.74E-09	1.48E-09	2.89E-17	7.68E-10	2.04E-12	1.44E-12	2.25E-11	1.40E-11	8.39E-11	1.33E-12	3.03E-11	4.13E-09	3.83E-10	4.93E-09
2128	NG_824	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.607	1.62E-08	3.13E-08	1.08E-07	4.13E-09	8.78E-12	2.05E-06	5.19E-09	1.62E-09	3.17E-17	8.42E-10	2.23E-12	1.58E-12	2.46E-11	1.54E-11	9.19E-11	1.46E-12	3.32E-11	4.53E-09	4.19E-10	5.40E-09
2129	NG_825	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.607	1.79E-08	3.45E-08	1.19E-07	4.55E-09	9.69E-12	2.26E-06	5.73E-09	1.79E-09	3.50E-17	9.29E-10	2.47E-12	1.74E-12	2.72E-11	1.69E-11	1.01E-10	1.61E-12	3.66E-11	5.00E-09	4.63E-10	5.96E-09
2130	NG_826	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.607	2.00E-08	3.86E-08	1.32E-07	5.05E-09	1.08E-11	2.52E-06	6.41E-09	2.00E-09	3.91E-17	1.04E-09	2.76E-12	1.95E-12	3.04E-11	1.90E-11	1.13E-10	1.80E-12	4.10E-11	5.59E-09	5.18E-10	6.67E-09
2131	NG_827	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.607	2.27E-08	4.37E-08	1.50E-07	5.66E-09	1.23E-11	2.85E-06	7.27E-09	2.27E-09	4.44E-17	1.18E-09	3.13E-12	2.21E-12	3.45E-11	2.15E-11	1.29E-10	2.04E-12	4.65E-11	6.35E-09	5.87E-10	7.56E-09
2132	NG_828	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.607	2.59E-08	5.00E-08	1.71E-07	6.39E-09	1.41E-11	3.26E-06	8.33E-09	2.60E-09	5.08E-17	1.35E-09	3.59E-12	2.53E-12	3.95E-11	2.46E-11	1.47E-10	2.33E-12	5.32E-11	7.27E-09	6.72E-10	8.66E-09
2133	NG_829	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.607	3.00E-08	5.78E-08	1.97E-07	7.28E-09	1.63E-11	3.77E-06	9.64E-09	3.01E-09	5.89E-17	1.56E-09	4.15E-12	2.93E-12	4.58E-11	2.85E-11	1.71E-10	2.70E-12	6.16E-11	8.42E-09	7.79E-10	1.00E-08
2134	NG_830	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.607	3.58E-08	6.88E-08	2.34E-07	8.62E-09	1.95E-11	4.52E-06	1.15E-08	3.59E-09	7.02E-17	1.87E-09	4.96E-12	3.50E-12	5.46E-11	3.40E-11	2.04E-10	3.23E-12	7.35E-11	1.00E-08	9.29E-10	1.20E-08
2135	NG_831	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.607	4.36E-08	8.37E-08	2.85E-07	1.06E-08	2.37E-11	5.56E-06	1.40E-08	4.37E-09	8.56E-17	2.27E-09	6.04E-12	4.27E-12	6.66E-11	4.15E-11	2.48E-10	3.93E-12	8.95E-11	1.22E-08	1.13E-09	1.46E-08
2136	NG_832	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.607	5.27E-08	1.01E-07	3.44E-07	1.31E-08	2.87E-11	6.85E-06	1.69E-08	5.28E-09	1.03E-16	2.75E-09	7.30E-12	5.15E-12	8.04E-11	5.01E-11	3.00E-10	4.75E-12	1.08E-10	1.48E-08	1.37E-09	1.76E-08
2137	NG_833	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.607	6.23E-08	1.20E-07	4.06E-07	1.67E-08	3.38E-11	8.51E-06	2.00E-08	6.24E-09	1.22E-16	3.24E-09	8.62E-12	6.09E-12	9.50E-11	5.92E-11	3.54E-10	5.61E-12	1.28E-10	1.75E-08	1.61E-09	2.08E-08
2138	NG_834	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.607	7.59E-08	1.46E-07	4.95E-07	2.26E-08	4.13E-11	1.11E-05	2.44E-08	7.60E-09	1.49E-16	3.95E-09	1.05E-11	7.43E-12	1.16E-10	7.21E-11	4.31E-10	6.83E-12	1.56E-10	2.13E-08	1.97E-09	2.53E-08
2139	NG_835	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.607	9.68E-08	1.87E-07	6.29E-07	3.12E-08	5.26E-11	1.49E-05	3.11E-08	9.70E-09	1.90E-16	5.04E-09	1.34E-11	9.48E-12	1.48E-10	9.20E-11	5.50E-10	8.71E-12	1.99E-10	2.71E-08	2.51E-09	3.23E-08
2140	NG_836	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.607	1.23E-07	2.39E-07	8.00E-07	4.17E-08	6.71E-11	1.96E-05	3.96E-08	1.24E-08	2.42E-16	6.43E-09	1.71E-11	1.21E-11	1.88E-10	1.17E-10	7.02E-10	1.11E-11	2.53E-10	3.46E-08	3.20E-09	4.12E-08
2141	NG_837	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.607	1.62E-07	3.13E-07	1.05E-06	5.68E-08	8.79E-11	2.69E-05	5.19E-08	1.62E-08	3.17E-16	8.41E-09	2.24E-11	1.59E-11	2.46E-10	1.54E-10	9.18E-10	1.46E-11	3.31E-10	4.53E-08	4.19E-09	5.40E-08
2166	NG_862	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.657	1.26E-08	2.43E-08	8.47E-08	3.05E-09	6.83E-12	1.55E-06	4.03E-09	1.26E-09	2.46E-17	6.54E-10	1.74E-12	1.22E-12	1.92E-11	1.19E-11	7.14E-11	1.13E-12	2.58E-11	3.52E-09	3.26E-10	4.20E-09
2167	NG_863	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.657	1.36E-08	2.63E-08	9.13E-08	3.37E-09	7.38E-12	1.70E-06	4.36E-09	1.36E-09	2.66E-17	7.07E-10	1.88E-12	1.32E-12	2.07E-11	1.29E-11	7.72E-11	1.22E-12	2.79E-11	3.81E-09	3.52E-10	4.54E-09
2168	NG_864	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.657	1.48E-08	2.86E-08	9.89E-08	3.71E-09	8.02E-12	1.85E-06	4.74E-09	1.48E-09	2.89E-17	7.69E-10	2.04E-12	1.44E-12	2.25E-11	1.40E-11	8.39E-11	1.33E-12	3.03E-11	4.14E-09	3.83E-10	4.93E-09
2169	NG_865	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.657	1.62E-08	3.13E-08	1.08E-07	4.08E-09	8.79E-12	2.03E-06	5.19E-09	1.62E-09	3.17E-17	8.42E-10	2.24E-12	1.58E-12	2.47E-11	1.54E-11	9.20E-11	1.46E-12	3.32E-11	4.53E-09	4.20E-10	5.40E-09
2170	NG_866	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.657	1.79E-08	3.45E-08	1.19E-07	4.48E-09	9.71E-12	2.24E-06	5.74E-09	1.79E-09	3.50E-17	9.30E-10	2.47E-12	1.74E-12	2.72E-11	1.70E-11	1.02E-10	1.61E-12	3.67E-11	5.01E-09	4.63E-10	5.97E-09
2171	NG_867	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.657	2.00E-08	3.85E-08	1.32E-07	4.95E-09	1.09E-11	2.49E-06	6.41E-09	2.00E-09	3.92E-17	1.04E-09	2.76E-12	1.95E-12	3.05E-11	1.90E-11	1.14E-10	1.80E-12	4.10E-11	5.60E-09	5.18E-10	6.67E-09
2172	NG_868	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.657	2.27E-08	4.36E-08	1.49E-07	5.52E-09	1.23E-11	2.82E-06	7.27E-09	2.27E-09	4.44E-17	1.18E-09	3.13E-12	2.21E-12	3.45E-11	2.15E-11	1.29E-10	2.04E-12	4.65E-11	6.35E-09	5.87E-10	7.57E-09
2173	NG_869	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.657	2.60E-08	5.01E-08	1.71E-07	6.22E-09	1.41E-11	3.24E-06	8.36E-09	2.61E-09	5.10E-17	1.36E-09	3.60E-12	2.54E-12	3.97E-11	2.47E-11	1.48E-10	2.34E-12	5.34E-11	7.29E-09	6.75E-10	8.69E-09
2174	NG_870	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.657	3.01E-08	5.79E-08	1.98E-07	7.04E-09	1.64E-11	3.75E-06	9.68E-09	3.02E-09	5.91E-17	1.57E-09	4.17E-12	2.94E-12	4.59E-11	2.86E-11	1.71E-10	2.71E-12	6.18E-11	8.44E-09	7.81E-10	1.01E-08
2175	NG_871	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.657	3.56E-08	6.83E-08	2.33E-07	8.20E-09	1.94E-11	4.44E-06	1.14E-08	3.57E-09	6.99E-17	1.86E-09	4.93E-12	3.48E-12	5.43E-11	3.39E-11	2.03E-10	3.21E-12	7.31E-11	9.99E-09	9.24E-10	1.19E-08
2176	NG_872	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.657	4.31E-08	8.25E-08	2.82E-07	9.93E-09	2.34E-11	5.43E-06	1.38E-08	4.32E-09	8.45E-17	2.25E-09	5.97E-12	4.22E-12	6.57E-11	4.10E-11	2.45E-10	3.88E-12	8.85E-11	1.21E-08	1.12E-09	1.44E-08
2177	NG_873	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.657	5.22E-08	1.00E-07	3.41E-07	1.23E-08	2.84E-11	6.73E-06	1.68E-08	5.23E-09	1.02E-16	2.72E-09	7.22E-12	5.10E-12	7.96E-11	4.96E-11	2.97E-10	4.70E-12	1.07E-10	1.46E-08	1.35E-09	1.74E-08
2178	NG_874	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.657	6.14E-08	1.18E-07	4.03E-07	1.54E-08	3.34E-11	8.31E-06	1.97E-08	6.16E-09	1.20E-16	3.20E-09	8.50E-12	6.00E-12	9.37E-11	5.84E-11	3.49E-10	5.53E-12	1.26E-10	1.72E-08	1.59E-09	2.05E-08
2179	NG_875	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.657	7.26E-08	1.40E-07	4.77E-07	2.01E-08	3.95E-11	1.05E-05	2.33E-08	7.28E-09	1.42E-16	3.78E-09	1.01E-11	7.11E-12	1.11E-10	6.90E-11	4.13E-10	6.54E-12	1.49E-10	2.04E-08	1.88E-09	2.43E-08
2180	NG_876	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.657	8.83E-08	1.71E-07	5.78E-07	2.65E-08	4.80E-11	1.34E-05	2.84E-08	8.85E-09	1.73E-16	4.60E-09	1.22E-11	8.67E-12	1.35E-10	8.40E-11	5.02E-10	7.96E-12	1.81E-10	2.48E-08	2.29E-09	2.95E-08
2181	NG_877	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.657	1.09E-07	2.11E-07	7.10E-07	3.46E-08	5.92E-11	1.72E-05	3.49E-08	1.09E-08	2.13E-16	5.66E-09	1.51E-11	1.07E-11	1.66E-10	1.03E-10	6.18E-10	9.79E-12	2.23E-10	3.05E-08	2.82E-09	3.63E-08
2182	NG_878	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.657	1.35E-07	2.63E-07	8.87E-07	4.58E-08	7.36E-11	2.23E-05	4.34E-08	1.36E-08	2.65E-16	7.04E-09	1.88E-11	1.33E-11	2.06E-10	1.29E-10	7.69E-10	1.22E-11	2.77E-10	3.79E-08	3.51E-09	4.52E-08
2207	NG_903	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.707	1.27E-08	2.45E-08	8.51E-08	3.02E-09	6.87E-12	1.55E-06	4.06E-09	1.27E-09	2.48E-17	6.58E-10	1.75E-12	1.23E-12	1.93E-11	1.20E-11	7.19E-11	1.14E-12	2.60E-11	3.54E-09	3.28E-10	4.22E-09
2208	NG_904	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.707	1.37E-08	2.64E-08	9.18E-08	3.33E-09	7.43E-12	1.69E-06	4.39E-09	1.37E-09	2.68E-17	7.12E-10	1.89E-12	1.33E-12	2.08E-11	1.30E-11	7.77E-11	1.23E-12	2.81E-11	3.83E-09	3.55E-10	4.57E-09
2209	NG_905	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.707	1.48E-08	2.87E-08	9.91E-08	3.65E-09	8.05E-12	1.84E-06	4.76E-09	1.49E-09	2.91E-17	7.72E-10	2.05E-12	1.44E-12	2.26E-11	1.41E-11	8.43E-11	1.33E-12	3.04E-11	4.16E-09	3.84E-10	4.95E-09
2210	NG_906	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.707	1.62E-08	3.13E-08	1.08E-07	4.00E-09	8.80E-12	2.00E-06	5.20E-09	1.62E-09	3.18E-17	8.44E-10	2.24E-12	1.58E-12	2.47E-11	1.54E-11	9.21E-11	1.46E-12	3.33E-11	4.54E-09	4.20E-10	5.41E-09
2211	NG_907	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.707	1.79E-08	3.45E-08	1.19E-07	4.38E-09	9.73E-12	2.21E-06	5.75E-09	1.79E-09	3.51E-17	9.32E-10	2.47E-12	1.74E-12	2.73E-11	1.70E-11	1.02E-10	1.61E-12	3.67E-11	5.02E-09	4.64E-10	5.98E-09

AQIA DATA - SCENARIO 1 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2212	NG_908	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.707	2.00E-08	3.84E-08	1.32E-07	4.81E-09	1.08E-11	2.45E-06	6.41E-09	2.00E-09	3.91E-17	1.04E-09	2.76E-12	1.95E-12	3.04E-11	1.90E-11	1.13E-10	1.80E-12	4.10E-11	5.59E-09	5.18E-10	6.67E-09
2213	NG_909	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.707	2.26E-08	4.35E-08	1.49E-07	5.34E-09	1.23E-11	2.77E-06	7.27E-09	2.27E-09	4.44E-17	1.18E-09	3.13E-12	2.21E-12	3.45E-11	2.15E-11	1.29E-10	2.04E-12	4.64E-11	6.34E-09	5.87E-10	7.56E-09
2214	NG_910	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.707	2.59E-08	4.97E-08	1.70E-07	5.97E-09	1.41E-11	3.17E-06	8.32E-09	2.60E-09	5.08E-17	1.35E-09	3.58E-12	2.53E-12	3.95E-11	2.46E-11	1.47E-10	2.33E-12	5.32E-11	7.26E-09	6.72E-10	8.66E-09
2215	NG_911	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.707	2.99E-08	5.73E-08	1.96E-07	6.70E-09	1.62E-11	3.65E-06	9.60E-09	3.00E-09	5.86E-17	1.56E-09	4.13E-12	2.92E-12	4.56E-11	2.84E-11	1.70E-10	2.69E-12	6.13E-11	8.38E-09	7.75E-10	9.99E-09
2216	NG_912	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.707	3.48E-08	6.66E-08	2.28E-07	7.62E-09	1.89E-11	4.24E-06	1.12E-08	3.49E-09	6.82E-17	1.81E-09	4.82E-12	3.40E-12	5.31E-11	3.31E-11	1.98E-10	3.13E-12	7.14E-11	9.76E-09	9.03E-10	1.16E-08
2217	NG_913	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.707	4.16E-08	7.95E-08	2.72E-07	9.05E-09	2.26E-11	5.14E-06	1.34E-08	4.17E-09	8.16E-17	2.17E-09	5.76E-12	4.07E-12	6.35E-11	3.95E-11	2.37E-10	3.75E-12	8.54E-11	1.17E-08	1.08E-09	1.39E-08
2218	NG_914	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.707	5.00E-08	9.57E-08	3.28E-07	1.10E-08	2.72E-11	6.36E-06	1.61E-08	5.01E-09	9.81E-17	2.61E-09	6.92E-12	4.89E-12	7.63E-11	4.75E-11	2.84E-10	4.51E-12	1.03E-10	1.40E-08	1.30E-09	1.67E-08
2219	NG_915	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.707	5.84E-08	1.12E-07	3.85E-07	1.35E-08	3.18E-11	7.73E-06	1.88E-08	5.85E-09	1.15E-16	3.04E-09	8.08E-12	5.71E-12	8.91E-11	5.55E-11	3.32E-10	5.26E-12	1.20E-10	1.64E-08	1.51E-09	1.95E-08
2220	NG_916	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.707	6.65E-08	1.28E-07	4.39E-07	1.68E-08	3.62E-11	9.33E-06	2.14E-08	6.67E-09	1.30E-16	3.46E-09	9.21E-12	6.51E-12	1.01E-10	6.32E-11	3.78E-10	5.99E-12	1.36E-10	1.86E-08	1.72E-09	2.22E-08
2221	NG_917	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.707	7.68E-08	1.49E-07	5.06E-07	2.14E-08	4.18E-11	1.13E-05	2.47E-08	7.70E-09	1.51E-16	4.00E-09	1.06E-11	7.54E-12	1.17E-10	7.31E-11	4.37E-10	6.92E-12	1.58E-10	2.15E-08	1.99E-09	2.57E-08
2222	NG_918	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.707	9.15E-08	1.78E-07	6.02E-07	2.78E-08	4.98E-11	1.41E-05	2.94E-08	9.17E-09	1.79E-16	4.77E-09	1.27E-11	8.99E-12	1.40E-10	8.70E-11	5.20E-10	8.24E-12	1.88E-10	2.56E-08	2.37E-09	3.06E-08
2223	NG_919	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.707	1.13E-07	2.20E-07	7.47E-07	3.87E-08	6.14E-11	1.82E-05	3.62E-08	1.13E-08	2.21E-16	5.87E-09	1.56E-11	1.11E-11	1.72E-10	1.07E-10	6.41E-10	1.02E-11	2.31E-10	3.16E-08	2.92E-09	3.77E-08
2248	NG_944	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.757	1.27E-08	2.45E-08	8.51E-08	2.97E-09	6.90E-12	1.52E-06	4.08E-09	1.27E-09	2.49E-17	6.61E-10	1.76E-12	1.24E-12	1.94E-11	1.21E-11	7.22E-11	1.14E-12	2.61E-11	3.56E-09	3.29E-10	4.24E-09
2249	NG_945	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.757	1.37E-08	2.64E-08	9.16E-08	3.25E-09	7.45E-12	1.65E-06	4.40E-09	1.37E-09	2.69E-17	7.14E-10	1.89E-12	1.33E-12	2.09E-11	1.30E-11	7.79E-11	1.23E-12	2.81E-11	3.84E-09	3.56E-10	4.58E-09
2250	NG_946	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.757	1.49E-08	2.86E-08	9.90E-08	3.56E-09	8.08E-12	1.80E-06	4.78E-09	1.49E-09	2.92E-17	7.74E-10	2.06E-12	1.45E-12	2.27E-11	1.41E-11	8.45E-11	1.34E-12	3.05E-11	4.17E-09	3.86E-10	4.97E-09
2251	NG_947	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.757	1.63E-08	3.12E-08	1.08E-07	3.88E-09	8.82E-12	1.96E-06	5.22E-09	1.63E-09	3.18E-17	8.46E-10	2.24E-12	1.58E-12	2.48E-11	1.54E-11	9.23E-11	1.46E-12	3.33E-11	4.55E-09	4.21E-10	5.43E-09
2252	NG_948	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.757	1.79E-08	3.44E-08	1.18E-07	4.24E-09	9.73E-12	2.16E-06	5.75E-09	1.80E-09	3.51E-17	9.33E-10	2.48E-12	1.75E-12	2.73E-11	1.70E-11	1.02E-10	1.61E-12	3.68E-11	5.02E-09	4.65E-10	5.98E-09
2253	NG_949	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.757	2.00E-08	3.83E-08	1.31E-07	4.65E-09	1.09E-11	2.39E-06	6.41E-09	2.00E-09	3.92E-17	1.04E-09	2.76E-12	1.95E-12	3.05E-11	1.90E-11	1.14E-10	1.80E-12	4.10E-11	5.60E-09	5.18E-10	6.67E-09
2254	NG_950	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.757	2.25E-08	4.31E-08	1.48E-07	5.12E-09	1.22E-11	2.69E-06	7.24E-09	2.26E-09	4.42E-17	1.17E-09	3.12E-12	2.20E-12	3.44E-11	2.14E-11	1.28E-10	2.03E-12	4.62E-11	6.32E-09	5.84E-10	7.53E-09
2255	NG_951	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.757	2.57E-08	4.91E-08	1.68E-07	5.68E-09	1.40E-11	3.06E-06	8.25E-09	2.57E-09	5.04E-17	1.34E-09	3.55E-12	2.51E-12	3.92E-11	2.44E-11	1.46E-10	2.31E-12	5.27E-11	7.20E-09	6.66E-10	8.58E-09
2256	NG_952	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.757	2.94E-08	5.62E-08	1.93E-07	6.30E-09	1.60E-11	3.50E-06	9.45E-09	2.95E-09	5.77E-17	1.53E-09	4.07E-12	2.87E-12	4.49E-11	2.80E-11	1.67E-10	2.65E-12	6.04E-11	8.25E-09	7.63E-10	9.83E-09
2257	NG_953	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.757	3.40E-08	6.47E-08	2.22E-07	7.04E-09	1.85E-11	4.04E-06	1.09E-08	3.40E-09	6.66E-17	1.77E-09	4.70E-12	3.31E-12	5.18E-11	3.23E-11	1.93E-10	3.06E-12	6.97E-11	9.52E-09	8.81E-10	1.13E-08
2258	NG_954	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.757	3.98E-08	7.57E-08	2.60E-07	8.11E-09	2.16E-11	4.78E-06	1.28E-08	3.98E-09	7.80E-17	2.07E-09	5.50E-12	3.89E-12	6.06E-11	3.78E-11	2.26E-10	3.58E-12	8.16E-11	1.11E-08	1.03E-09	1.33E-08
2259	NG_955	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.757	4.68E-08	8.92E-08	3.07E-07	9.62E-09	2.54E-11	5.76E-06	1.50E-08	4.69E-09	9.18E-17	2.44E-09	6.48E-12	4.58E-12	7.14E-11	4.45E-11	2.66E-10	4.21E-12	9.60E-11	1.31E-08	1.21E-09	1.56E-08
2260	NG_956	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.757	5.39E-08	1.03E-07	3.54E-07	1.15E-08	2.93E-11	6.84E-06	1.73E-08	5.40E-09	1.06E-16	2.80E-09	7.45E-12	5.27E-12	8.21E-11	5.12E-11	3.06E-10	4.85E-12	1.11E-10	1.51E-08	1.40E-09	1.80E-08
2261	NG_957	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.757	5.99E-08	1.15E-07	3.95E-07	1.38E-08	3.26E-11	7.95E-06	1.92E-08	6.00E-09	1.17E-16	3.12E-09	8.30E-12	5.86E-12	9.14E-11	5.69E-11	3.41E-10	5.40E-12	1.23E-10	1.68E-08	1.55E-09	2.00E-08
2262	NG_958	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.757	6.69E-08	1.29E-07	4.42E-07	1.72E-08	3.64E-11	9.37E-06	2.15E-08	6.71E-09	1.31E-16	3.49E-09	9.27E-12	6.56E-12	1.02E-10	6.36E-11	3.80E-10	6.03E-12	1.37E-10	1.88E-08	1.74E-09	2.24E-08
2263	NG_959	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.757	7.82E-08	1.52E-07	5.19E-07	2.31E-08	4.25E-11	1.16E-05	2.51E-08	7.83E-09	1.53E-16	4.07E-09	1.08E-11	7.68E-12	1.19E-10	7.43E-11	4.44E-10	7.04E-12	1.60E-10	2.19E-08	2.03E-09	2.61E-08
2264	NG_960	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.757	9.52E-08	1.86E-07	6.37E-07	3.30E-08	5.18E-11	1.48E-05	3.06E-08	9.54E-09	1.87E-16	4.96E-09	1.32E-11	9.36E-12	1.45E-10	9.05E-11	5.41E-10	8.58E-12	1.95E-10	2.67E-08	2.47E-09	3.18E-08
2289	NG_985	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.807	1.27E-08	2.43E-08	8.45E-08	2.87E-09	6.90E-12	1.46E-06	4.08E-09	1.27E-09	2.49E-17	6.61E-10	1.75E-12	1.24E-12	1.94E-11	1.21E-11	7.22E-11	1.14E-12	2.61E-11	3.56E-09	3.29E-10	4.24E-09
2290	NG_986	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.807	1.37E-08	2.62E-08	9.06E-08	3.13E-09	7.42E-12	1.58E-06	4.39E-09	1.37E-09	2.68E-17	7.11E-10	1.89E-12	1.33E-12	2.08E-11	1.30E-11	7.76E-11	1.23E-12	2.80E-11	3.83E-09	3.54E-10	4.56E-09
2291	NG_987	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.807	1.49E-08	2.84E-08	9.81E-08	3.42E-09	8.06E-12	1.73E-06	4.77E-09	1.49E-09	2.91E-17	7.73E-10	2.05E-12	1.44E-12	2.26E-11	1.41E-11	8.44E-11	1.34E-12	3.05E-11	4.16E-09	3.85E-10	4.96E-09
2292	NG_988	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.807	1.63E-08	3.12E-08	1.07E-07	3.74E-09	8.85E-12	1.90E-06	5.23E-09	1.63E-09	3.19E-17	8.48E-10	2.25E-12	1.59E-12	2.48E-11	1.55E-11	9.26E-11	1.47E-12	3.34E-11	4.57E-09	4.23E-10	5.44E-09
2293	NG_989	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.807	1.79E-08	3.42E-08	1.18E-07	4.07E-09	9.74E-12	2.08E-06	5.76E-09	1.80E-09	3.52E-17	9.34E-10	2.48E-12	1.75E-12	2.73E-11	1.70E-11	1.02E-10	1.61E-12	3.68E-11	5.03E-09	4.65E-10	5.99E-09
2294	NG_990	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.807	1.99E-08	3.79E-08	1.30E-07	4.43E-09	1.08E-11	2.30E-06	6.39E-09	1.99E-09	3.90E-17	1.04E-09	2.75E-12	1.94E-12	3.03E-11	1.89E-11	1.13E-10	1.79E-12	4.08E-11	5.58E-09	5.16E-10	6.65E-09
2295	NG_991	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.807	2.24E-08	4.26E-08	1.46E-07	4.86E-09	1.22E-11	2.57E-06	7.19E-09	2.24E-09	4.39E-17	1.17E-09	3.09E-12	2.18E-12	3.41E-11	2.13E-11	1.27E-10	2.01E-12	4.59E-11	6.27E-09	5.80E-10	7.47E-09
2296	NG_992	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.807	2.56E-08	4.86E-08	1.66E-07	5.38E-09	1.39E-11	2.94E-06	8.21E-09	2.56E-09	5.01E-17	1.33E-09	3.53E-12	2.49E-12	3.90E-11	2.43E-11	1.45E-10	2.30E-12	5.25E-11	7.17E-09	6.63E-10	8.54E-09
2297	NG_993	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.807	2.91E-08	5.52E-08	1.89E-07	5.91E-09	1.58E-11	3.33E-06	9.34E-09	2.91E-09	5.70E-17	1.51E-09	4.02E-12	2.84E-12	4.43E-11	2.76E-11	1.65E-10	2.62E-12	5.97E-11	8.15E-09	7.54E-10	9.71E-09
2298	NG_994	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.807	3.32E-08	6.29E-08	2.16E-07	6.50E-09	1.80E-11	3.80E-06	1.07E-08	3.33E-09	6.51E-17	1.73E-09	4.59E-12	3.24E-12	5.06E-11	3.15E-11	1.89E-10	2.99E-12	6.81E-11	9.30E-09	8.61E-10	1.11E-08
2299	NG_995	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.807	3.79E-08	7.18E-08	2.47E-07	7.22E-09	2.06E-11	4.36E-06	1.22E-08	3.80E-09	7.44E-17	1.98E-09	5.25E-12	3.71E-12	5.79E-11	3.61E-11	2.16E-10	3.42E-12	7.79E-11	1.06E-08	9.84E-10	1.27E-08
2300	NG_996	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.807	4.38E-08	8.29E-08	2.86E-07	8.31E-09	2.38E-11	5.13E-06	1.41E-08	4.38E-09	8.58E-17	2.28E-09	6.06E-12	4.28E-12	6.67E-11	4.16E-11	2.49E-10	3.94E-12	8.98E-11	1.23E-08	1.13E-09	1.46E-08
2301	NG_997	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.807	4.97E-08	9.44E-08	3.26E-07	9.75E-09	2.70E-11	5.99E-06	1.60E-08	4.99E-09	9.75E-17	2.59E-09	6.89E-12	4.87E-12	7.59E-11	4.73E-11	2.83E-10	4.48E-12	1.02E-10	1.39E-08	1.29E-09	1.66E-08
2302	NG_998	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.807	5.54E-08	1.06E-07	3.65E-07	1.17E-08	3.01E-11	6.90E-06	1.78E-08	5.56E-09	1.09E-16	2.89E-09	7.68E-12	5.42E-12	8.45E-11	5.27E-11	3.15E-10	4.99E-12	1.14E-10	1.55E-08	1.44E-09	1.85E-08
2303	NG_999	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.807	6.17E-08	1.19E-07	4.09E-07	1.47E-08	3.35E-11	8.06E-06	1.98E-08	6.18E-09	1.21E-16	3.21E-09	8.54E-12	6.04E-12	9.41E-11	5.86E-11	3.51E-10	5.55E-12	1.27E-10	1.73E-08	1.60E-09	2.06E-08
2304	NG_1000	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.807	7.06E-08	1.37E-07	4.71E-07	1.99E-08	3.84E-11	9.76E-06	2.27E-08	7.07E-09	1.38E-16	3.68E-09	9.78E-12	6.92E-12	1.08E-10	6.71E-11	4.01E-10	6.36E-12	1.45E-10	1.98E-08	1.83E-09	2.36E-08
2305	NG_1001	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.807	8.24E-08	1.61E-07	5.55E-07	2.78E-08	4.48E-11	1.20E-05	2.65E-08	8.26E-09	1.62E-16	4.29E-09	1.14E-11	8.08E-12	1.26E-10	7.84E-11	4.69E-10	7.42E-12	1.69E-10	2.31E-08	2.14E-09	2.75E-08
2306	NG_1002	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.807	9.26E-08	1.82E-07	6.25E-07	3.70E-08	5.03E-11	1.41E-05	2.97E-08	9.28E-09	1.82E-16	4.82E-09	1.28E-11	9.05E-12	1.41E-10	8.80E-11	5.26E-10	8.34E-12	1.90E-10	2.60E-08	2.40E-09	3.09E-08
2330	NG_1026	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.857	1.28E-08	2.43E-08	8.41E-08	2.77E-09	6.92E-12	1.40E-06	4.09E-09	1.28E-09	2.50E-17	6.63E-10	1.76E-12	1.24E-12	1.94E-11	1.21E-11	7.24E-11	1.15E-12	2.61E-11	3.57E-09	3.30E-10	4.26E-09
2331	NG_1027	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.857	1.37E-08	2.61E-08	8.99E-08	3.00E-09	7.43E-12	1.51E-06	4.39E-09	1.37E-09	2.68E-17	7.12E-10	1.89E-12	1.33E-12	2.09E-11	1.30E-11	7.78E-11	1.23E-12	2.81E-11	3.84E-09	3.55E-10	4.57E-09
2332	NG_1028	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.857	1.49E-08	2.84E-08	9.77E-08	3.28E-09	8.10E-12	1.66E-06	4.79E-09	1.49E-09	2.92E-17	7.76E-10	2.06E-12	1.45E-12	2.27E-11	1.42E-11	8.47E-11	1.34E-12	3.06E-11	4.18E-09	3.87E-10	4.98E-09
2333	NG_1029	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.857	1.64E-08	3.11E-08	1.07E-07	3.58E-09	8.88E-12	1.82E-06	5.25E-09	1.64E-09	3.21E-17	8.51E-10	2.26E-12	1.59E-12	2.49E-11	1.55E-11	9.29E-11	1.47E-12	3.36E-11	4.58E-09	4.24E-10	5.46E-09
2334	NG_1030	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.857	1.80E-08	3.41E-08	1.17E-07	3.88E-09	9.78E-12	1.99E-06	5.78E-09	1.80E-09	3.53E-17	9.37E-10	2.49E-12	1.75E-12	2.74E-11	1.71E-11	1.02E-10	1.62E-12	3.69E-11	5.04E-09	4.67E-10	6.01E-09
2335	NG_1031	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.857	1.99E-08	3.75E-08	1.28E-07	4.19E-09	1.08E-11	2.17E-06	6.38E-09	1.99E-09	3.89E-17	1.03E-09	2.75E-12	1.94E-12	3.03E-11	1.89E-11	1.13E-10	1.79E-12	4.08E-11	5.57E-09	5.15E-10	6.63E-09
2336	NG_1032	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.857	2.23E-08	4.21E-08	1.44E-07	4.57E-09	1.21E-11	2.43E-06	7.16E-09	2.24E-09	4.37E-17	1.16E-09	3.08E-12	2.17E-12	3.40E-11	2.12E-11	1.27E-10	2.01E-12	4.58E-11	6.25E-09	5.78E-10	7.45E-09
2337	NG_1033	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.857	2.54E-08	4.79E-08	1.64E-07	5.04E-09	1.38E-11	2.78E-06	8.17E-09	2.55E-09	4.98E-17	1.32E-09	3.52E-12	2.48E-12	3.88E-11	2.42E-11	1.45E-10	2.29E-12	5.22E-11	7.13E-09	6.59E-10	8.49E-09
2338	NG_1034	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.857	2.89E-08	5.44E-08	1.87E-07	5.51E-09	1.57E-11	3.16E-06	9.29E-09	2.90E-09	5.67E-17	1.51E-09	4.00E-12	2.82E-12	4.41E-11	2.75E-11	1.64E-10	2.61E-12	5.94E-11	8.11E-09	7.50E-10	9.67E-09
2339	NG_1035	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.857	3.26E-08	6.13E-08	2.11E-07	5.95E-09	1.77E-11	3.53E-06	1.05E-08	3.27E-09	6.40E-17	1.70E-09	4.51E-12	3.18E-12	4.97E-11	3.10E-11	1.85E-10	2.94E-12	6.69E-11	9.14E-09	8.46E-10	1.09E-08
2340	NG_1036	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.857	3.68E-08	6.90E-08	2.38E-07	6.46E-09	2.00E-11	3.96E-06	1.18E-08	3.69E-09	7.21E-17	1.92E-09	5.09E-12	3.59E-12	5.61E-11	3.50E-11	2.09E-10	3.31E-12	7.55E-11	1.03E-08	9.54E-10	1.23E-08
2341	NG_1037	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.857	4.18E-08	7.85E-08	2.72E-07	7.25E-09	2.27E-11	4.56E-06	1.34E-08	4.19E-09	8.20E-17	2.18E-09	5.79E-12	4.09E-12	6.38E-11	3.97E-11	2.38E-10	3.77E-12	8.58E-11	1.17E-08	1.08E-09	1.40E-08
2342	NG_1038	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.857	4.75E-08	8.94E-08	3.10E-07	8.50E-09	2.58E-11	5.30E-06	1.53E-08	4.76E-09	9.31E-17	2.47E-09	6.57E-12	4.65E-12	7.24E-11	4.51E-11	2.70E-10	4.28E-12	9.74E-11	1.33E-08	1.23E-09	1.59E-08
2343	NG_1039	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.857	5.37E-08	1.02E-07	3.53E-07	1.04E-08	2.92E-11	6.19E-06	1.72E-08	5.38E-09	1.05E-16	2.80E-09	7.43E-12	5.25E-12	8.19E-11	5.10E-11	3.05E-10	4.83E-12	1.10E-10	1.50E-08	1.39E-09	1.79E-08
2344	NG_1040	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.857	6.03E-08	1.15E-07	4.00E-07	1.33E-08	3.28E-11	7.26E-06	1.94E-08	6.05E-09	1.18E-16	3.14E-09	8.35E-12	5.90E-12	9.20E-11	5.73E-11	3.43E-10	5.43E-12	1.24E-10	1.69E-08	1.56E-09	2.02E-08
2345	NG_1041	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.857	6.76E-08	1.30E-07	4.52E-07	1.76E-08	3.67E-11	8.58E-06	2.17E-08	6.77E-09	1.33E-16	3.52E-09	9.36E-12	6.61E-12	1.03E-10	6.42E-11	3.84E-10	6.09E-12	1.39E-10	1.89E-08	1.75E-09	2.26E-08
2346	NG_1042	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.857	7.48E-08	1.45E-07	5.02E-07	2.32E-08	4.06E-11	1.00E-05	2.40E-08	7.49E-09	1.47E-16	3.89E-09	1.03E-11	7.31E-12	1.14E-10	7.11E-11	4.25E-10	6.73E-12	1.53E-10	2.10E-08	1.94E-09	2.50E-08
2347	NG_1043	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.857	7.98E-08	1.56E-07	5.37E-07	2.89E-08	4.34E-11	1.11E-05	2.56E-08	8.00E-09	1.56E-16	4.15E-09	1.10E-11	7.78E-12	1.22E-10	7.58E-11	4.54E-10	7.18E-12	1.64E-10	2.24E-08	2.07E-09	2.67E-08
2371	NG_1067	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.907	1.29E-08	2.45E-08	8.46E-08	2.67E-09	7.03E-12	1.36E-06	4.15E-09	1.30E-09	2.54E-17	6.73E-10	1.79E-12	1.26E-12	1.97E-11	1.23E-11	7.35E-11	1.16E-12	2.65E-11	3.62E-09	3.35E-10	4.32E-09
2372	NG_1068	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.907	1.39E-08	2.62E-08	9.04E-08	2.89E-09	7.54E-12	1.46E-06	4.46E-09	1.39E-09	2.72E-17	7.23E-10	1.92E-12	1.35E-12	2.12E-11	1.32E-11	7.89E-11	1.25E-12	2.85E-11	3.89E-09	3.60E-10	4.64E-09
2373	NG_1069	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.907	1.51E-08	2.85E-08	9.81E-08	3.14E-09	8.20E-12	1.60E-06	4.85E-09	1.51E-09	2.96E-17	7.86E-10	2.09E-12	1.47E-12	2.30E-11	1.43E-11	8.58E-11	1.36E-12	3.10E-11	4.23E-09	3.92E-10	5.04E-09
2374	NG_1070	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.907	1.66E-08	3.12E-08	1.07E-07	3.41E-09	8.99E-12	1.75E-06	5.31E-09	1.66E-09	3.24E-17	8.61E-10	2.29E-12	1.61E-12	2.52E-11	1.57E-11	9.40E-11	1.49E-12	3.39E-11	4.64E-09	4.29E-10	5.53E-09
2375	NG_1071	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.907	1.82E-08	3.42E-08	1.17E-07	3.69E-09	9.88E-12	1.90E-06	5.84E-09	1.82E-09	3.56E-17	9.47E-10	2.51E-12	1.77E-12	2.77E-11	1.73E-11	1.03E-10	1.64E-12	3.73E-11	5.10E-09	4.72E-10	6.07E-09
2376	NG_1072	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.907	2.00E-08	3.75E-08	1.28E-07	3.96E-09	1.09E-11	2.06E-06	6.43E-09	2.01E-09	3.93E-17	1.04E-09	2.77E-12	1.95E-12	3.06E-11	1.90E-11	1.14E-10	1.80E-12	4.11E-11	5.62E-09	5.20E-10	6.69E-09
2377	NG_1073	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.907	2.24E-08	4.19E-08	1.43E-07	4.28E-09	1.22E-11	2.29E-06	7.20E-09	2.25E-09	4.40E-17	1.17E-09	3.10E-12	2.19E-12	3.42E-11	2.13E-11	1.27E-10	2.02E-12	4.60E-11	6.28E-09	5.81E-10	7.49E-09
2378	NG_1074	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.907	2.55E-08	4.75E-08	1.62E-07	4.67E-09	1.38E-11	2.59E-06	8.18E-09	2.55E-09	4.99E-17	1.33E-09	3.52E-12	2.48E-12	3.88E-11	2.42E-11	1.45E-10	2.29E-12	5.22E-11	7.13E-09	6.60E-10	8.50E-09
2379	NG_1075	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.907	2.90E-08	5.39E-08	1.85E-07	5.07E-09	1.57E-11	2.93E-06	9.30E-09	2.90E-09	5.68E-17	1.51E-09	4.01E-12	2.83E-12	4.42E-11	2.75E-11	1.65E-10	2.61E-12	5.94E-11	8.12E-09	7.51E-10	9.67E-09
2380	NG_1076	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.907	3.25E-08	6.03E-08	2.08E-07	5.40E-09	1.77E-11	3.22E-06	1.05E-08	3.26E-09	6.38E-17	1.69E-09	4.50E-12	3.18E-12	4.96E-11	3.09E-11	1.85E-10	2.93E-12	6.68E-11	9.12E-09	8.44E-10	1.09E-08
2381	NG_1077	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.907	3.67E-08	6.80E-08	2.35E-07	5.82E-09	1.99E-11	3.58E-06	1.18E-08	3.68E-09	7.19E-17	1.91E-09	5.08E-12	3.59E-12	5.60E-11	3.49E-11	2.09E-10	3.30E-12	7.53E-11	1.03E-08	9.52E-10	1.23E-08
2382	NG_1078	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.907	4.18E-08	7.76E-08	2.70E-07	6.50E-09	2.27E-11	4.09E-06	1.34E-08	4.19E-09	8.19E-17	2.18E-09	5.78E-12	4.08E-12	6.37E-11	3.97E-11	2.38E-10	3.76E-12	8.57E-11	1.17E-08	1.08E-09	1.40E-08
2383	NG_1079	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.907	4.77E-08	8.91E-08	3.12E-07	7.65E-09	2.59E-11	4.77E-06	1.53E-08	4.78E-09	9.36E-17	2.49E-09	6.61E-12	4.67E-12	7.28E-11	4.54E-11	2.71E-10	4.30E-12	9.79E-11	1.34E-08	1.24E-09	1.59E-08
2384	NG_1080	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.907	5.43E-08	1.02E-07	3.58E-07	9.47E-09	2.95E-11	5.60E-06	1.74E-08	5.44E-09	1.06E-16	2.83E-09	7.51E-12	5.31E-12	8.27E-11	5.16E-11	3.08E-10	4.89E-12	1.11E-10	1.52E-08	1.41E-09	1.81E-08
2385	NG_1081	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.907	6.10E-08	1.16E-07	4.05E-07	1.21E-08	3.32E-11	6.60E-06	1.96E-08	6.12E-09	1.20E-16	3.18E-09	8.45E-12	5.97E-12	9.31E-11	5.80E-11	3.47E-10	5.50E-12	1.25E-10	1.71E-08	1.58E-09	2.04E-08
2386	NG_1082	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.907	6.71E-08	1.28E-07	4.47E-07	1.56E-08	3.65E-11	7.64E-06	2.15E-08	6.72E-09	1.32E-16	3.49E-09	9.28E-12	6.55E-12	1.02E-10	6.37E-11	3.81E-10	6.04E-12	1.38E-10	1.88E-08	1.74E-09	2.24E-08
2387	NG_1083	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.907	7.15E-08	1.37E-07	4.78E-07	1.94E-08	3.89E-11	8.55E-06	2.30E-08	7.17E-09	1.40E-16	3.72E-09	9.89E-12	6.97E-12	1.09E-10	6.79E-11	4.06E-10	6.44E-12	1.47E-10	2.00E-08	1.85E-09	2.39E-08
2412	NG_1108	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.957	1.33E-08	2.49E-08	8.60E-08	2.58E-09	7.20E-12	1.33E-06	4.26E-09	1.33E-09	2.60E-17	6.90E-10	1.83E-12	1.29E-12	2.02E-11	1.26E-11	7.53E-11	1.19E-12	2.72E-11	3.71E-09	3.44E-10	4.43E-09
2413	NG_1109	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.957	1.43E-08	2.67E-08	9.21E-08	2.79E-09	7.74E-12	1.43E-06	4.57E-09	1.43E-09	2.79E-17	7.41E-10	1.97E-12	1.39E-12	2.17E-11	1.35E-11	8.10E-11	1.28E-12	2.92E-11	3.99E-09	3.69E-10	4.76E-09
2414	NG_1110	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.957	1.55E-08	2.89E-08	9.95E-08	3.01E-09	8.39E-12	1.55E-06	4.96E-09	1.55E-09	3.03E-17	8.04E-10	2.14E-12	1.50E-12	2.36E-11	1.47E-11	8.78E-11	1.39E-12	3.17E-11	4.33E-09	4.01E-10	5.16E-09

AQIA DATA - SCENARIO 1 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2415	NG_1111	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.957	1.69E-08	3.15E-08	1.08E-07	3.25E-09	9.16E-12	1.68E-06	5.41E-09	1.69E-09	3.30E-17	8.78E-10	2.33E-12	1.64E-12	2.57E-11	1.60E-11	9.58E-11	1.52E-12	3.46E-11	4.72E-09	4.37E-10	5.63E-09
2416	NG_1112	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.957	1.85E-08	3.45E-08	1.18E-07	3.49E-09	1.01E-11	1.82E-06	5.95E-09	1.86E-09	3.63E-17	9.64E-10	2.56E-12	1.80E-12	2.82E-11	1.76E-11	1.05E-10	1.67E-12	3.80E-11	5.19E-09	4.80E-10	6.18E-09
2417	NG_1113	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.957	2.05E-08	3.79E-08	1.30E-07	3.74E-09	1.11E-11	1.97E-06	6.57E-09	2.05E-09	4.01E-17	1.06E-09	2.83E-12	1.99E-12	3.12E-11	1.94E-11	1.16E-10	1.84E-12	4.20E-11	5.73E-09	5.30E-10	6.83E-09
2418	NG_1114	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.957	2.29E-08	4.22E-08	1.44E-07	4.00E-09	1.24E-11	2.16E-06	7.34E-09	2.29E-09	4.48E-17	1.19E-09	3.16E-12	2.23E-12	3.48E-11	2.17E-11	1.30E-10	2.06E-12	4.69E-11	6.40E-09	5.92E-10	7.63E-09
2419	NG_1115	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.957	2.58E-08	4.74E-08	1.62E-07	4.29E-09	1.40E-11	2.39E-06	8.27E-09	2.58E-09	5.05E-17	1.34E-09	3.56E-12	2.51E-12	3.93E-11	2.45E-11	1.46E-10	2.32E-12	5.28E-11	7.22E-09	6.68E-10	8.60E-09
2420	NG_1116	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.957	2.92E-08	5.37E-08	1.85E-07	4.61E-09	1.59E-11	2.66E-06	9.39E-09	2.93E-09	5.73E-17	1.52E-09	4.04E-12	2.86E-12	4.46E-11	2.78E-11	1.66E-10	2.63E-12	6.00E-11	8.19E-09	7.58E-10	9.76E-09
2421	NG_1117	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.957	3.33E-08	6.10E-08	2.11E-07	4.93E-09	1.81E-11	2.94E-06	1.07E-08	3.33E-09	6.52E-17	1.73E-09	4.60E-12	3.25E-12	5.07E-11	3.16E-11	1.89E-10	2.99E-12	6.82E-11	9.32E-09	8.62E-10	1.11E-08
2422	NG_1118	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.957	3.81E-08	6.98E-08	2.44E-07	5.37E-09	2.07E-11	3.28E-06	1.22E-08	3.82E-09	7.47E-17	1.98E-09	5.27E-12	3.73E-12	5.81E-11	3.62E-11	2.17E-10	3.43E-12	7.82E-11	1.07E-08	9.88E-10	1.27E-08
2423	NG_1119	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.957	4.39E-08	8.08E-08	2.85E-07	6.04E-09	2.39E-11	3.74E-06	1.41E-08	4.40E-09	8.61E-17	2.29E-09	6.08E-12	4.29E-12	6.70E-11	4.17E-11	2.50E-10	3.95E-12	9.01E-11	1.23E-08	1.14E-09	1.47E-08
2424	NG_1120	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.957	5.04E-08	9.32E-08	3.31E-07	7.11E-09	2.74E-11	4.33E-06	1.62E-08	5.05E-09	9.87E-17	2.62E-09	6.97E-12	4.92E-12	7.68E-11	4.79E-11	2.86E-10	4.53E-12	1.03E-10	1.41E-08	1.31E-09	1.68E-08
2425	NG_1121	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.957	5.71E-08	1.06E-07	3.80E-07	8.73E-09	3.11E-11	5.08E-06	1.83E-08	5.72E-09	1.12E-16	2.98E-09	7.91E-12	5.58E-12	8.71E-11	5.43E-11	3.25E-10	5.14E-12	1.17E-10	1.60E-08	1.48E-09	1.91E-08
2426	NG_1122	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.957	6.35E-08	1.19E-07	4.24E-07	1.10E-08	3.45E-11	5.94E-06	2.04E-08	6.36E-09	1.24E-16	3.31E-09	8.78E-12	6.20E-12	9.68E-11	6.03E-11	3.61E-10	5.72E-12	1.30E-10	1.78E-08	1.65E-09	2.12E-08
2427	NG_1123	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.957	6.83E-08	1.29E-07	4.56E-07	1.36E-08	3.71E-11	6.76E-06	2.19E-08	6.85E-09	1.34E-16	3.56E-09	9.45E-12	6.67E-12	1.04E-10	6.49E-11	3.88E-10	6.15E-12	1.40E-10	1.92E-08	1.77E-09	2.28E-08
2428	NG_1124	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.957	7.10E-08	1.34E-07	4.72E-07	1.63E-08	3.86E-11	7.38E-06	2.28E-08	7.11E-09	1.39E-16	3.70E-09	9.81E-12	6.91E-12	1.08E-10	6.74E-11	4.03E-10	6.39E-12	1.46E-10	1.99E-08	1.84E-09	2.37E-08
2453	NG_1149	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.007	1.37E-08	2.55E-08	8.81E-08	2.50E-09	7.43E-12	1.30E-06	4.39E-09	1.37E-09	2.68E-17	7.12E-10	1.89E-12	1.33E-12	2.09E-11	1.30E-11	7.78E-11	1.23E-12	2.81E-11	3.83E-09	3.55E-10	4.57E-09
2454	NG_1150	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.007	1.47E-08	2.73E-08	9.42E-08	2.68E-09	7.98E-12	1.39E-06	4.72E-09	1.47E-09	2.88E-17	7.65E-10	2.03E-12	1.43E-12	2.24E-11	1.40E-11	8.35E-11	1.32E-12	3.01E-11	4.12E-09	3.81E-10	4.91E-09
2455	NG_1151	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.007	1.59E-08	2.94E-08	1.01E-07	2.87E-09	8.61E-12	1.49E-06	5.09E-09	1.59E-09	3.11E-17	8.25E-10	2.19E-12	1.54E-12	2.42E-11	1.51E-11	9.01E-11	1.43E-12	3.25E-11	4.44E-09	4.11E-10	5.29E-09
2456	NG_1152	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.007	1.73E-08	3.20E-08	1.10E-07	3.08E-09	9.39E-12	1.61E-06	5.55E-09	1.73E-09	3.39E-17	9.00E-10	2.39E-12	1.68E-12	2.63E-11	1.64E-11	9.82E-11	1.56E-12	3.55E-11	4.84E-09	4.48E-10	5.77E-09
2457	NG_1153	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.007	1.89E-08	3.49E-08	1.19E-07	3.28E-09	1.03E-11	1.72E-06	6.08E-09	1.90E-09	3.71E-17	9.86E-10	2.62E-12	1.85E-12	2.89E-11	1.80E-11	1.08E-10	1.70E-12	3.88E-11	5.31E-09	4.91E-10	6.32E-09
2458	NG_1154	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.007	2.10E-08	3.85E-08	1.32E-07	3.50E-09	1.14E-11	1.87E-06	6.74E-09	2.10E-09	4.12E-17	1.09E-09	2.90E-12	2.05E-12	3.20E-11	1.99E-11	1.19E-10	1.89E-12	4.31E-11	5.89E-09	5.45E-10	7.01E-09
2459	NG_1155	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.007	2.35E-08	4.28E-08	1.47E-07	3.72E-09	1.27E-11	2.02E-06	7.53E-09	2.35E-09	4.60E-17	1.22E-09	3.24E-12	2.29E-12	3.57E-11	2.23E-11	1.33E-10	2.11E-12	4.81E-11	6.57E-09	6.08E-10	7.83E-09
2460	NG_1156	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.007	2.65E-08	4.84E-08	1.66E-07	3.97E-09	1.44E-11	2.21E-06	8.52E-09	2.66E-09	5.20E-17	1.38E-09	3.67E-12	2.59E-12	4.04E-11	2.52E-11	1.51E-10	2.39E-12	5.44E-11	7.43E-09	6.88E-10	8.86E-09
2461	NG_1157	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.007	3.02E-08	5.49E-08	1.90E-07	4.24E-09	1.64E-11	2.43E-06	9.69E-09	3.02E-09	5.92E-17	1.57E-09	4.18E-12	2.95E-12	4.60E-11	2.87E-11	1.72E-10	2.72E-12	6.19E-11	8.46E-09	7.83E-10	1.01E-08
2462	NG_1158	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.007	3.49E-08	6.34E-08	2.22E-07	4.59E-09	1.89E-11	2.70E-06	1.12E-08	3.49E-09	6.83E-17	1.81E-09	4.82E-12	3.41E-12	5.31E-11	3.31E-11	1.98E-10	3.14E-12	7.15E-11	9.77E-09	9.04E-10	1.16E-08
2463	NG_1159	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.007	4.05E-08	7.39E-08	2.62E-07	5.06E-09	2.20E-11	3.03E-06	1.30E-08	4.06E-09	7.95E-17	2.11E-09	5.61E-12	3.97E-12	6.18E-11	3.85E-11	2.30E-10	3.65E-12	8.32E-11	1.14E-08	1.05E-09	1.35E-08
2464	NG_1160	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.007	4.77E-08	8.74E-08	3.14E-07	5.80E-09	2.59E-11	3.49E-06	1.53E-08	4.78E-09	9.35E-17	2.48E-09	6.61E-12	4.67E-12	7.28E-11	4.53E-11	2.71E-10	4.30E-12	9.79E-11	1.34E-08	1.24E-09	1.59E-08
2465	NG_1161	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.007	5.54E-08	1.02E-07	3.70E-07	6.83E-09	3.01E-11	4.04E-06	1.78E-08	5.55E-09	1.09E-16	2.88E-09	7.66E-12	5.42E-12	8.44E-11	5.26E-11	3.15E-10	4.99E-12	1.14E-10	1.55E-08	1.44E-09	1.85E-08
2466	NG_1162	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.007	6.26E-08	1.16E-07	4.23E-07	8.22E-09	3.40E-11	4.68E-06	2.01E-08	6.27E-09	1.23E-16	3.26E-09	8.66E-12	6.12E-12	9.55E-11	5.95E-11	3.56E-10	5.64E-12	1.28E-10	1.76E-08	1.62E-09	2.09E-08
2467	NG_1163	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.007	6.83E-08	1.27E-07	4.61E-07	9.93E-09	3.71E-11	5.35E-06	2.19E-08	6.84E-09	1.34E-16	3.55E-09	9.44E-12	6.66E-12	1.04E-10	6.49E-11	3.88E-10	6.15E-12	1.40E-10	1.91E-08	1.77E-09	2.28E-08
2468	NG_1164	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.007	7.16E-08	1.34E-07	4.82E-07	1.18E-08	3.89E-11	5.93E-06	2.30E-08	7.18E-09	1.40E-16	3.73E-09	9.90E-12	6.98E-12	1.09E-10	6.80E-11	4.07E-10	6.45E-12	1.47E-10	2.01E-08	1.86E-09	2.39E-08
2469	NG_1165	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.007	7.27E-08	1.36E-07	4.85E-07	1.36E-08	3.95E-11	6.33E-06	2.33E-08	7.28E-09	1.42E-16	3.78E-09	1.00E-11	7.07E-12	1.11E-10	6.90E-11	4.13E-10	6.54E-12	1.49E-10	2.04E-08	1.88E-09	2.43E-08
2494	NG_1190	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.057	1.42E-08	2.62E-08	9.04E-08	2.40E-09	7.69E-12	1.27E-06	4.54E-09	1.42E-09	2.77E-17	7.37E-10	1.95E-12	1.38E-12	2.16E-11	1.34E-11	8.04E-11	1.27E-12	2.90E-11	3.97E-09	3.67E-10	4.73E-09
2495	NG_1191	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.057	1.52E-08	2.80E-08	9.66E-08	2.57E-09	8.25E-12	1.35E-06	4.88E-09	1.52E-09	2.98E-17	7.91E-10	2.10E-12	1.48E-12	2.32E-11	1.44E-11	8.63E-11	1.37E-12	3.12E-11	4.26E-09	3.94E-10	5.07E-09
2496	NG_1192	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.057	1.64E-08	3.01E-08	1.03E-07	2.72E-09	8.88E-12	1.43E-06	5.25E-09	1.64E-09	3.21E-17	8.51E-10	2.26E-12	1.59E-12	2.49E-11	1.55E-11	9.29E-11	1.47E-12	3.36E-11	4.58E-09	4.24E-10	5.46E-09
2497	NG_1193	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.057	1.78E-08	3.25E-08	1.11E-07	2.88E-09	9.64E-12	1.52E-06	5.70E-09	1.78E-09	3.48E-17	9.24E-10	2.45E-12	1.73E-12	2.70E-11	1.68E-11	1.01E-10	1.60E-12	3.64E-11	4.97E-09	4.60E-10	5.92E-09
2498	NG_1194	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.057	1.95E-08	3.55E-08	1.22E-07	3.06E-09	1.06E-11	1.62E-06	6.25E-09	1.95E-09	3.82E-17	1.01E-09	2.69E-12	1.90E-12	2.97E-11	1.85E-11	1.11E-10	1.75E-12	3.99E-11	5.45E-09	5.05E-10	6.50E-09
2499	NG_1195	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.057	2.16E-08	3.92E-08	1.34E-07	3.25E-09	1.17E-11	1.73E-06	6.93E-09	2.16E-09	4.23E-17	1.12E-09	2.98E-12	2.11E-12	3.29E-11	2.05E-11	1.23E-10	1.94E-12	4.43E-11	6.05E-09	5.59E-10	7.21E-09
2500	NG_1196	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.057	2.42E-08	4.38E-08	1.51E-07	3.45E-09	1.32E-11	1.87E-06	7.78E-09	2.43E-09	4.75E-17	1.26E-09	3.35E-12	2.36E-12	3.69E-11	2.30E-11	1.38E-10	2.18E-12	4.97E-11	6.79E-09	6.28E-10	8.09E-09
2501	NG_1197	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.057	2.77E-08	5.00E-08	1.74E-07	3.71E-09	1.50E-11	2.05E-06	8.89E-09	2.77E-09	5.43E-17	1.44E-09	3.83E-12	2.70E-12	4.22E-11	2.63E-11	1.57E-10	2.49E-12	5.68E-11	7.76E-09	7.18E-10	9.24E-09
2502	NG_1198	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.057	3.19E-08	5.77E-08	2.03E-07	4.00E-09	1.73E-11	2.26E-06	1.03E-08	3.20E-09	6.26E-17	1.66E-09	4.42E-12	3.12E-12	4.87E-11	3.03E-11	1.81E-10	2.87E-12	6.55E-11	8.95E-09	8.28E-10	1.07E-08
2503	NG_1199	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.057	3.71E-08	6.72E-08	2.39E-07	4.36E-09	2.02E-11	2.50E-06	1.19E-08	3.72E-09	7.28E-17	1.93E-09	5.14E-12	3.63E-12	5.66E-11	3.53E-11	2.11E-10	3.34E-12	7.61E-11	1.04E-08	9.62E-10	1.24E-08
2504	NG_1200	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.057	4.38E-08	7.97E-08	2.88E-07	4.89E-09	2.38E-11	2.83E-06	1.41E-08	4.39E-09	8.58E-17	2.28E-09	6.06E-12	4.28E-12	6.68E-11	4.16E-11	2.49E-10	3.94E-12	8.98E-11	1.23E-08	1.14E-09	1.46E-08
2505	NG_1201	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.057	5.21E-08	9.55E-08	3.52E-07	5.67E-09	2.83E-11	3.29E-06	1.67E-08	5.22E-09	1.02E-16	2.72E-09	7.22E-12	5.10E-12	7.95E-11	4.96E-11	2.96E-10	4.70E-12	1.07E-10	1.46E-08	1.35E-09	1.74E-08
2506	NG_1202	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.057	6.11E-08	1.13E-07	4.19E-07	6.69E-09	3.32E-11	3.83E-06	1.96E-08	6.12E-09	1.20E-16	3.18E-09	8.46E-12	5.98E-12	9.32E-11	5.81E-11	3.47E-10	5.50E-12	1.25E-10	1.71E-08	1.58E-09	2.04E-08
2507	NG_1203	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.057	6.91E-08	1.28E-07	4.78E-07	7.89E-09	3.76E-11	4.38E-06	2.22E-08	6.93E-09	1.36E-16	3.60E-09	9.57E-12	6.76E-12	1.05E-10	6.57E-11	3.93E-10	6.23E-12	1.42E-10	1.94E-08	1.79E-09	2.31E-08
2508	NG_1204	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.057	7.48E-08	1.39E-07	5.16E-07	9.17E-09	4.06E-11	4.90E-06	2.40E-08	7.50E-09	1.47E-16	3.90E-09	1.03E-11	7.30E-12	1.14E-10	7.11E-11	4.25E-10	6.73E-12	1.53E-10	2.10E-08	1.94E-09	2.50E-08
2509	NG_1205	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.057	7.72E-08	1.43E-07	5.28E-07	1.04E-08	4.19E-11	5.28E-06	2.48E-08	7.74E-09	1.51E-16	4.02E-09	1.07E-11	7.51E-12	1.18E-10	7.33E-11	4.39E-10	6.95E-12	1.58E-10	2.16E-08	2.00E-09	2.58E-08
2510	NG_1206	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.057	7.66E-08	1.41E-07	5.17E-07	1.14E-08	4.16E-11	5.47E-06	2.46E-08	7.67E-09	1.50E-16	3.99E-09	1.06E-11	7.44E-12	1.17E-10	7.27E-11	4.35E-10	6.89E-12	1.57E-10	2.15E-08	1.99E-09	2.56E-08
2521	NG_1217	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.057	3.80E-08	7.17E-08	2.72E-07	4.29E-09	2.06E-11	2.28E-06	1.22E-08	3.81E-09	7.44E-17	1.98E-09	5.23E-12	3.67E-12	5.79E-11	3.60E-11	2.16E-10	3.42E-12	7.80E-11	1.06E-08	9.85E-10	1.27E-08
2522	NG_1218	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.057	3.63E-08	6.89E-08	2.65E-07	3.88E-09	1.97E-11	2.11E-06	1.17E-08	3.64E-09	7.12E-17	1.89E-09	5.00E-12	3.51E-12	5.53E-11	3.44E-11	2.06E-10	3.27E-12	7.45E-11	1.02E-08	9.41E-10	1.21E-08
2523	NG_1219	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.057	3.47E-08	6.61E-08	2.58E-07	3.48E-09	1.88E-11	1.92E-06	1.11E-08	3.48E-09	6.81E-17	1.81E-09	4.78E-12	3.35E-12	5.29E-11	3.29E-11	1.97E-10	3.12E-12	7.13E-11	9.73E-09	9.00E-10	1.16E-08
2524	NG_1220	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.057	3.32E-08	6.35E-08	2.51E-07	3.13E-09	1.80E-11	1.75E-06	1.07E-08	3.33E-09	6.52E-17	1.73E-09	4.58E-12	3.20E-12	5.07E-11	3.15E-11	1.89E-10	2.99E-12	6.82E-11	9.31E-09	8.62E-10	1.11E-08
2533	NG_1229	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.057	2.38E-08	4.60E-08	1.95E-07	1.68E-09	1.29E-11	9.24E-07	7.64E-09	2.38E-09	4.66E-17	1.24E-09	3.27E-12	2.29E-12	3.62E-11	2.26E-11	1.35E-10	2.14E-12	4.88E-11	6.66E-09	6.17E-10	7.94E-09
2534	NG_1230	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.057	2.37E-08	4.61E-08	1.97E-07	1.66E-09	1.29E-11	8.97E-07	7.62E-09	2.38E-09	4.65E-17	1.24E-09	3.27E-12	2.29E-12	3.62E-11	2.25E-11	1.35E-10	2.14E-12	4.87E-11	6.65E-09	6.16E-10	7.93E-09
2535	NG_1231	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.107	1.46E-08	2.68E-08	9.26E-08	2.29E-09	7.94E-12	1.22E-06	4.69E-09	1.46E-09	2.87E-17	7.61E-10	2.02E-12	1.42E-12	2.23E-11	1.39E-11	8.31E-11	1.32E-12	3.00E-11	4.10E-09	3.79E-10	4.88E-09
2536	NG_1232	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.107	1.57E-08	2.86E-08	9.88E-08	2.43E-09	8.51E-12	1.29E-06	5.03E-09	1.57E-09	3.07E-17	8.16E-10	2.17E-12	1.53E-12	2.39E-11	1.49E-11	8.91E-11	1.41E-12	3.22E-11	4.39E-09	4.06E-10	5.23E-09
2537	NG_1233	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.107	1.69E-08	3.07E-08	1.06E-07	2.56E-09	9.17E-12	1.36E-06	5.42E-09	1.69E-09	3.31E-17	8.79E-10	2.33E-12	1.64E-12	2.57E-11	1.60E-11	9.59E-11	1.52E-12	3.46E-11	4.73E-09	4.38E-10	5.64E-09
2538	NG_1234	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.107	1.84E-08	3.33E-08	1.14E-07	2.70E-09	9.97E-12	1.43E-06	5.89E-09	1.84E-09	3.60E-17	9.55E-10	2.54E-12	1.79E-12	2.80E-11	1.74E-11	1.04E-10	1.65E-12	3.76E-11	5.14E-09	4.76E-10	6.13E-09
2539	NG_1235	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.107	2.01E-08	3.63E-08	1.25E-07	2.85E-09	1.09E-11	1.51E-06	6.46E-09	2.02E-09	3.95E-17	1.05E-09	2.78E-12	1.96E-12	3.07E-11	1.91E-11	1.14E-10	1.81E-12	4.13E-11	5.64E-09	5.22E-10	6.72E-09
2540	NG_1236	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.107	2.24E-08	4.02E-08	1.39E-07	3.02E-09	1.21E-11	1.60E-06	7.18E-09	2.24E-09	4.38E-17	1.16E-09	3.09E-12	2.18E-12	3.41E-11	2.12E-11	1.27E-10	2.01E-12	4.59E-11	6.26E-09	5.80E-10	7.46E-09
2541	NG_1237	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.107	2.53E-08	4.54E-08	1.57E-07	3.23E-09	1.37E-11	1.73E-06	8.12E-09	2.53E-09	4.96E-17	1.32E-09	3.50E-12	2.47E-12	3.86E-11	2.40E-11	1.44E-10	2.28E-12	5.19E-11	7.09E-09	6.56E-10	8.45E-09
2542	NG_1238	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.107	2.92E-08	5.26E-08	1.85E-07	3.52E-09	1.59E-11	1.93E-06	9.39E-09	2.93E-09	5.73E-17	1.52E-09	4.05E-12	2.86E-12	4.46E-11	2.78E-11	1.66E-10	2.63E-12	6.00E-11	8.19E-09	7.58E-10	9.77E-09
2543	NG_1239	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.107	3.41E-08	6.15E-08	2.19E-07	3.85E-09	1.85E-11	2.14E-06	1.10E-08	3.42E-09	6.69E-17	1.78E-09	4.72E-12	3.33E-12	5.20E-11	3.24E-11	1.94E-10	3.07E-12	7.00E-11	9.56E-09	8.85E-10	1.14E-08
2544	NG_1240	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.107	3.99E-08	7.21E-08	2.61E-07	4.25E-09	2.17E-11	2.36E-06	1.28E-08	3.99E-09	7.81E-17	2.08E-09	5.52E-12	3.90E-12	6.08E-11	3.79E-11	2.27E-10	3.59E-12	8.18E-11	1.12E-08	1.03E-09	1.33E-08
2545	NG_1241	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.107	4.71E-08	8.58E-08	3.16E-07	4.80E-09	2.56E-11	2.67E-06	1.51E-08	4.72E-09	9.24E-17	2.45E-09	6.52E-12	4.61E-12	7.19E-11	4.48E-11	2.68E-10	4.24E-12	9.67E-11	1.32E-08	1.22E-09	1.57E-08
2546	NG_1242	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.107	5.62E-08	1.03E-07	3.87E-07	5.59E-09	3.05E-11	3.11E-06	1.80E-08	5.63E-09	1.10E-16	2.93E-09	7.78E-12	5.50E-12	8.57E-11	5.34E-11	3.19E-10	5.06E-12	1.15E-10	1.57E-08	1.46E-09	1.88E-08
2547	NG_1243	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.107	6.57E-08	1.21E-07	4.61E-07	6.53E-09	3.57E-11	3.60E-06	2.11E-08	6.58E-09	1.29E-16	3.42E-09	9.09E-12	6.42E-12	1.00E-10	6.24E-11	3.73E-10	5.91E-12	1.35E-10	1.84E-08	1.70E-09	2.19E-08
2548	NG_1244	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.107	7.38E-08	1.37E-07	5.20E-07	7.54E-09	4.01E-11	4.07E-06	2.37E-08	7.39E-09	1.45E-16	3.84E-09	1.02E-11	7.21E-12	1.13E-10	7.01E-11	4.19E-10	6.64E-12	1.51E-10	2.07E-08	1.91E-09	2.46E-08
2549	NG_1245	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.107	7.94E-08	1.47E-07	5.58E-07	8.52E-09	4.32E-11	4.48E-06	2.55E-08	7.96E-09	1.56E-16	4.13E-09	1.10E-11	7.75E-12	1.21E-10	7.54E-11	4.51E-10	7.15E-12	1.63E-10	2.23E-08	2.06E-09	2.65E-08
2550	NG_1246	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.107	8.12E-08	1.50E-07	5.64E-07	9.32E-09	4.41E-11	4.72E-06	2.61E-08	8.14E-09	1.59E-16	4.23E-09	1.12E-11	7.91E-12	1.24E-10	7.72E-11	4.62E-10	7.31E-12	1.67E-10	2.28E-08	2.11E-09	2.71E-08
2555	NG_1251	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.107	5.91E-08	1.07E-07	3.85E-07	8.43E-09	3.21E-11	3.38E-06	1.90E-08	5.93E-09	1.16E-16	3.08E-09	8.15E-12	5.72E-12	9.01E-11	5.61E-11	3.36E-10	5.32E-12	1.21E-10	1.66E-08	1.53E-09	1.98E-08
2556	NG_1252	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.107	5.41E-08	9.81E-08	3.53E-07	7.45E-09	2.94E-11	3.02E-06	1.74E-08	5.42E-09	1.06E-16	2.82E-09	7.46E-12	5.23E-12	8.25E-11	5.14E-11	3.08E-10	4.87E-12	1.11E-10	1.52E-08	1.40E-09	1.81E-08
2557	NG_1253	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.107	5.01E-08	9.11E-08	3.30E-07	6.50E-09	2.72E-11	2.72E-06	1.61E-08	5.02E-09	9.83E-17	2.61E-09	6.91E-12	4.85E-12	7.64E-11	4.76E-11	2.85E-10	4.51E-12	1.03E-10	1.41E-08	1.30E-09	1.67E-08
2558	NG_1254	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.107	4.73E-08	8.64E-08	3.16E-07	5.70E-09	2.57E-11	2.51E-06	1.52E-08	4.74E-09	9.26E-17	2.46E-09	6.52E-12	4.57E-12	7.20E-11	4.48E-11	2.69E-10	4.25E-12	9.70E-11	1.32E-08	1.23E-09	1.58E-08
2561	NG_1257	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.107	4.20E-08	7.84E-08	2.98E-07	4.24E-09	2.28E-11	2.16E-06	1.35E-08	4.20E-09	8.23E-17	2.18E-09	5.79E-12	4.06E-12	6.40E-11	3.98E-11	2.39E-10	3.78E-12	8.61E-11	1.18E-08	1.09E-09	1.40E-08
2562	NG_1258	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.107	4.10E-08	7.72E-08	2.98E-07	3.97E-09	2.22E-11	2.10E-06	1.32E-08	4.11E-09	8.04E-17	2.13E-09	5.65E-12	3.97E-12	6.25E-11	3.89E-11	2.33E-10	3.69E-12	8.41E-11	1.15E-08	1.06E-09	1.37E-08
2563	NG_1259	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.107	3.98E-08	7.53E-08	2.96E-07	3.66E-09	2.16E-11	1.98E-06	1.28E-08	3.98E-09	7.80E-17	2.07E-09	5.48E-12	3.85E-12	6.06E-11	3.77E-11	2.26E-10	3.58E-12	8.16E-11	1.11E-08	1.03E-09	1.33E-08
2564	NG_1260	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.107	3.83E-08	7.29E-08	2.90E-07	3.35E-09	2.08E-11	1.84E-06	1.23E-08	3.84E-09	7.51E-17	1.99E-09	5.28E-12	3.70E-12	5.84E-11	3.64E-11	2.18E-10	3.45E-12	7.87E-11	1.07E-08	9.94E-10	1.28E-08
2565	NG_1261	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.107	3.66E-08	6.98E-08	2.81E-07	3.04E-09	1.99E-11	1.69E-06	1.17E-08	3.67E-09	7.17E-17	1.90E-09	5.04E-12	3.53E-12	5.58E-11	3.47E-11	2.08E-10	3.29E-12	7.51E-11	1.03E-08	9.49E-10	1.22E-08
2567	NG_1263	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.107	3.20E-08	6.13E-08	2.50E-07	2.46E-09	1.74E-11	1.36E-06	1.03E-08	3.21E-09	6.28E-17	1.67E-09	4.41E-12	3.08E-12	4.88E-11	3.04E-11	1.82E-10	2.88E-12	6.58E-11	8.98E-09	8.31E-10	1.07E-08
2568	NG_1264	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.107	3.03E-08	5.80E-08	2.38E-07	2.25E-09	1.64E-11	1.25E-06	9.72E-09	3.03E-09	5.94E-17	1.58E-09	4.17E-12	2.91E-12	4.61E-11	2.87E-11	1.72E-10	2.72E-12	6.22E-11	8.48E-09	7.85E-10	1.01E-08
2569	NG_1265	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.107	2.88E-08	5.52E-08	2.28E-07	2.08E-09	1.56E-11	1.15E-06	9.25E-09	2.89E-09	5.65E-17	1.50E-09	3.96E-12	2.77E-12	4.39E-11	2.73E-11	1.64E-10	2.59E-12	5.91E-11	8.07E-09	7.47E-10	9.62E-09
2570	NG_1266	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.107	2.75E-08	5.27E-08	2.19E-07	1.93E-09	1.49E-11	1.06E-06	8.82E-09	2.75E-09	5.38E-17	1.43E-09	3.78E-12	2.64E-12	4.18E-11	2.60E-11	1.56E-10	2.47E-12	5.64E-11	7.69E-09	7.12E-10	9.17E-09
2571	NG_1267	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.107	2.63E-08	5.04E-08	2.10E-07	1.81E-09	1.42E-11	9.90E-07	8.43E-09	2.63E-09	5.15E-17	1.37E-09	3.61E-12	2.53E-12	4.00E-11	2.49E-11	1.49E-10	2.36E-12	5.39E-11	7.36E-09	6.81E-10	8.77E-09
2572	NG_1268	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.107	2.53E-08	4.87E-08	2.04E-07	1.72E-09	1.37E-11	9.35E-07	8.13E-09	2.54E-09	4.97E-17	1.32E-09	3.49E-12	2.44E-12	3.86E-11	2.40E-11	1.44E-10	2.28E-12	5.20E-11	7.10E-09	6.57E-10	8.46E-09

AQIA DATA - SCENARIO 1 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2573	NG_1269	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.107	2.47E-08	4.76E-08	2.01E-07	1.65E-09	1.34E-11	8.96E-07	7.93E-09	2.48E-09	4.84E-17	1.29E-09	3.40E-12	2.38E-12	3.76E-11	2.34E-11	1.40E-10	2.22E-12	5.07E-11	6.92E-09	6.41E-10	8.25E-09
2574	NG_1270	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.107	2.43E-08	4.70E-08	2.00E-07	1.61E-09	1.32E-11	8.67E-07	7.81E-09	2.44E-09	4.77E-17	1.27E-09	3.35E-12	2.34E-12	3.71E-11	2.31E-11	1.38E-10	2.19E-12	4.99E-11	6.81E-09	6.30E-10	8.12E-09
2575	NG_1271	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.107	2.41E-08	4.67E-08	2.00E-07	1.58E-09	1.31E-11	8.45E-07	7.73E-09	2.41E-09	4.72E-17	1.25E-09	3.32E-12	2.32E-12	3.67E-11	2.28E-11	1.37E-10	2.17E-12	4.94E-11	6.75E-09	6.25E-10	8.04E-09
2576	NG_1272	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.157	1.51E-08	2.74E-08	9.50E-08	2.16E-09	8.21E-12	1.15E-06	4.85E-09	1.51E-09	2.96E-17	7.87E-10	2.09E-12	1.47E-12	2.30E-11	1.43E-11	8.59E-11	1.36E-12	3.10E-11	4.23E-09	3.92E-10	5.05E-09
2577	NG_1273	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.157	1.62E-08	2.93E-08	1.01E-07	2.28E-09	8.80E-12	1.21E-06	5.20E-09	1.62E-09	3.18E-17	8.43E-10	2.24E-12	1.58E-12	2.47E-11	1.54E-11	9.21E-11	1.46E-12	3.32E-11	4.54E-09	4.20E-10	5.41E-09
2578	NG_1274	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.157	1.75E-08	3.15E-08	1.09E-07	2.40E-09	9.50E-12	1.27E-06	5.62E-09	1.75E-09	3.43E-17	9.11E-10	2.42E-12	1.70E-12	2.67E-11	1.66E-11	9.94E-11	1.57E-12	3.59E-11	4.90E-09	4.54E-10	5.84E-09
2579	NG_1275	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.157	1.91E-08	3.43E-08	1.19E-07	2.53E-09	1.04E-11	1.34E-06	6.12E-09	1.91E-09	3.74E-17	9.93E-10	2.64E-12	1.86E-12	2.91E-11	1.81E-11	1.08E-10	1.72E-12	3.91E-11	5.35E-09	4.95E-10	6.37E-09
2580	NG_1276	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.157	2.11E-08	3.77E-08	1.31E-07	2.68E-09	1.14E-11	1.42E-06	6.76E-09	2.11E-09	4.13E-17	1.10E-09	2.91E-12	2.05E-12	3.21E-11	2.00E-11	1.20E-10	1.89E-12	4.32E-11	5.90E-09	5.46E-10	7.03E-09
2581	NG_1277	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.157	2.35E-08	4.21E-08	1.46E-07	2.85E-09	1.28E-11	1.51E-06	7.55E-09	2.36E-09	4.61E-17	1.22E-09	3.25E-12	2.30E-12	3.59E-11	2.23E-11	1.34E-10	2.12E-12	4.83E-11	6.59E-09	6.10E-10	7.86E-09
2582	NG_1278	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.157	2.67E-08	4.78E-08	1.68E-07	3.07E-09	1.45E-11	1.63E-06	8.58E-09	2.68E-09	5.24E-17	1.39E-09	3.70E-12	2.61E-12	4.07E-11	2.54E-11	1.52E-10	2.41E-12	5.48E-11	7.49E-09	6.93E-10	8.93E-09
2583	NG_1279	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.157	3.10E-08	5.56E-08	1.98E-07	3.38E-09	1.69E-11	1.81E-06	9.96E-09	3.11E-09	6.08E-17	1.61E-09	4.29E-12	3.03E-12	4.73E-11	2.95E-11	1.76E-10	2.79E-12	6.36E-11	8.69E-09	8.04E-10	1.04E-08
2584	NG_1280	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.157	3.64E-08	6.55E-08	2.37E-07	3.76E-09	1.98E-11	2.02E-06	1.17E-08	3.64E-09	7.13E-17	1.89E-09	5.03E-12	3.55E-12	5.54E-11	3.46E-11	2.07E-10	3.27E-12	7.46E-11	1.02E-08	9.43E-10	1.21E-08
2585	NG_1281	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.157	4.29E-08	7.76E-08	2.86E-07	4.22E-09	2.33E-11	2.27E-06	1.38E-08	4.29E-09	8.40E-17	2.23E-09	5.93E-12	4.19E-12	6.53E-11	4.07E-11	2.44E-10	3.86E-12	8.79E-11	1.20E-08	1.11E-09	1.43E-08
2586	NG_1282	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.157	5.06E-08	9.24E-08	3.47E-07	4.80E-09	2.75E-11	2.57E-06	1.63E-08	5.07E-09	9.93E-17	2.64E-09	7.01E-12	4.95E-12	7.72E-11	4.81E-11	2.88E-10	4.56E-12	1.04E-10	1.42E-08	1.31E-09	1.69E-08
2587	NG_1283	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.157	5.96E-08	1.09E-07	4.18E-07	5.52E-09	3.24E-11	2.94E-06	1.91E-08	5.97E-09	1.17E-16	3.10E-09	8.25E-12	5.83E-12	9.09E-11	5.66E-11	3.39E-10	5.37E-12	1.22E-10	1.67E-08	1.55E-09	1.99E-08
2588	NG_1284	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.157	6.84E-08	1.26E-07	4.87E-07	6.33E-09	3.72E-11	3.33E-06	2.20E-08	6.86E-09	1.34E-16	3.56E-09	9.47E-12	6.69E-12	1.04E-10	6.50E-11	3.89E-10	6.16E-12	1.40E-10	1.92E-08	1.77E-09	2.29E-08
2589	NG_1285	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.157	7.60E-08	1.40E-07	5.43E-07	7.15E-09	4.13E-11	3.72E-06	2.44E-08	7.61E-09	1.49E-16	3.96E-09	1.05E-11	7.42E-12	1.16E-10	7.22E-11	4.32E-10	6.84E-12	1.56E-10	2.13E-08	1.97E-09	2.54E-08
2590	NG_1286	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.157	8.09E-08	1.49E-07	5.75E-07	7.88E-09	4.40E-11	4.04E-06	2.60E-08	8.11E-09	1.59E-16	4.21E-09	1.12E-11	7.89E-12	1.23E-10	7.69E-11	4.60E-10	7.28E-12	1.66E-10	2.27E-08	2.10E-09	2.70E-08
2591	NG_1287	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.157	8.23E-08	1.51E-07	5.78E-07	8.41E-09	4.47E-11	4.19E-06	2.64E-08	8.25E-09	1.61E-16	4.29E-09	1.14E-11	8.01E-12	1.25E-10	7.82E-11	4.68E-10	7.41E-12	1.69E-10	2.31E-08	2.13E-09	2.75E-08
2596	NG_1292	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.157	6.11E-08	1.10E-07	4.01E-07	7.24E-09	3.32E-11	2.99E-06	1.96E-08	6.13E-09	1.20E-16	3.18E-09	8.43E-12	5.92E-12	9.32E-11	5.80E-11	3.48E-10	5.50E-12	1.26E-10	1.71E-08	1.59E-09	2.04E-08
2597	NG_1293	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.157	5.61E-08	1.01E-07	3.68E-07	6.46E-09	3.05E-11	2.67E-06	1.80E-08	5.62E-09	1.10E-16	2.92E-09	7.74E-12	5.43E-12	8.55E-11	5.32E-11	3.19E-10	5.05E-12	1.15E-10	1.57E-08	1.46E-09	1.87E-08
2598	NG_1294	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.157	5.20E-08	9.39E-08	3.44E-07	5.71E-09	2.82E-11	2.42E-06	1.67E-08	5.21E-09	1.02E-16	2.71E-09	7.17E-12	5.03E-12	7.92E-11	4.93E-11	2.95E-10	4.68E-12	1.07E-10	1.46E-08	1.35E-09	1.74E-08
2599	NG_1295	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.157	4.89E-08	8.90E-08	3.29E-07	5.07E-09	2.66E-11	2.24E-06	1.57E-08	4.91E-09	9.60E-17	2.55E-09	6.75E-12	4.74E-12	7.46E-11	4.65E-11	2.78E-10	4.40E-12	1.00E-10	1.37E-08	1.27E-09	1.64E-08
2600	NG_1296	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.157	4.68E-08	8.57E-08	3.21E-07	4.56E-09	2.54E-11	2.11E-06	1.50E-08	4.69E-09	9.18E-17	2.44E-09	6.46E-12	4.54E-12	7.14E-11	4.44E-11	2.66E-10	4.21E-12	9.61E-11	1.31E-08	1.21E-09	1.56E-08
2602	NG_1298	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.157	4.44E-08	8.26E-08	3.18E-07	3.92E-09	2.41E-11	1.99E-06	1.42E-08	4.45E-09	8.70E-17	2.31E-09	6.12E-12	4.30E-12	6.76E-11	4.21E-11	2.52E-10	3.99E-12	9.10E-11	1.24E-08	1.15E-09	1.48E-08
2603	NG_1299	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.157	4.36E-08	8.18E-08	3.21E-07	3.70E-09	2.37E-11	1.94E-06	1.40E-08	4.37E-09	8.55E-17	2.27E-09	6.01E-12	4.22E-12	6.65E-11	4.14E-11	2.48E-10	3.92E-12	8.95E-11	1.22E-08	1.13E-09	1.46E-08
2604	NG_1300	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.157	4.25E-08	8.02E-08	3.19E-07	3.46E-09	2.31E-11	1.85E-06	1.36E-08	4.26E-09	8.33E-17	2.21E-09	5.86E-12	4.11E-12	6.48E-11	4.03E-11	2.41E-10	3.82E-12	8.72E-11	1.19E-08	1.10E-09	1.42E-08
2605	NG_1301	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.157	4.09E-08	7.77E-08	3.13E-07	3.21E-09	2.22E-11	1.74E-06	1.31E-08	4.10E-09	8.03E-17	2.13E-09	5.64E-12	3.96E-12	6.24E-11	3.89E-11	2.33E-10	3.68E-12	8.40E-11	1.15E-08	1.06E-09	1.37E-08
2606	NG_1302	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.157	3.91E-08	7.45E-08	3.03E-07	2.96E-09	2.12E-11	1.62E-06	1.25E-08	3.92E-09	7.66E-17	2.03E-09	5.39E-12	3.77E-12	5.96E-11	3.71E-11	2.22E-10	3.52E-12	8.02E-11	1.10E-08	1.01E-09	1.31E-08
2607	NG_1303	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.157	3.67E-08	7.02E-08	2.88E-07	2.69E-09	1.99E-11	1.47E-06	1.18E-08	3.68E-09	7.20E-17	1.91E-09	5.06E-12	3.54E-12	5.60E-11	3.48E-11	2.09E-10	3.30E-12	7.54E-11	1.03E-08	9.52E-10	1.23E-08
2608	NG_1304	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.157	3.44E-08	6.58E-08	2.71E-07	2.45E-09	1.87E-11	1.33E-06	1.10E-08	3.45E-09	6.74E-17	1.79E-09	4.74E-12	3.32E-12	5.24E-11	3.26E-11	1.96E-10	3.09E-12	7.06E-11	9.64E-09	8.92E-10	1.15E-08
2609	NG_1305	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.157	3.23E-08	6.20E-08	2.57E-07	2.25E-09	1.75E-11	1.22E-06	1.04E-08	3.24E-09	6.34E-17	1.68E-09	4.45E-12	3.12E-12	4.93E-11	3.07E-11	1.84E-10	2.91E-12	6.64E-11	9.07E-09	8.39E-10	1.08E-08
2610	NG_1306	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.157	3.06E-08	5.88E-08	2.45E-07	2.08E-09	1.66E-11	1.12E-06	9.84E-09	3.07E-09	6.01E-17	1.60E-09	4.22E-12	2.95E-12	4.67E-11	2.91E-11	1.74E-10	2.76E-12	6.29E-11	8.59E-09	7.95E-10	1.02E-08
2611	NG_1307	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.157	2.90E-08	5.57E-08	2.33E-07	1.93E-09	1.58E-11	1.04E-06	9.32E-09	2.91E-09	5.69E-17	1.51E-09	4.00E-12	2.80E-12	4.43E-11	2.75E-11	1.65E-10	2.61E-12	5.96E-11	8.14E-09	7.53E-10	9.70E-09
2612	NG_1308	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.157	2.75E-08	5.29E-08	2.22E-07	1.80E-09	1.49E-11	9.63E-07	8.84E-09	2.76E-09	5.40E-17	1.43E-09	3.79E-12	2.65E-12	4.20E-11	2.61E-11	1.56E-10	2.48E-12	5.65E-11	7.72E-09	7.14E-10	9.19E-09
2613	NG_1309	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.157	2.63E-08	5.05E-08	2.13E-07	1.69E-09	1.43E-11	9.02E-07	8.44E-09	2.63E-09	5.15E-17	1.37E-09	3.62E-12	2.53E-12	4.01E-11	2.49E-11	1.49E-10	2.36E-12	5.40E-11	7.37E-09	6.82E-10	8.78E-09
2614	NG_1310	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.157	2.54E-08	4.89E-08	2.07E-07	1.62E-09	1.38E-11	8.59E-07	8.16E-09	2.55E-09	4.98E-17	1.32E-09	3.50E-12	2.45E-12	3.87E-11	2.41E-11	1.44E-10	2.29E-12	5.22E-11	7.12E-09	6.59E-10	8.49E-09
2615	NG_1311	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.157	2.48E-08	4.78E-08	2.04E-07	1.56E-09	1.34E-11	8.28E-07	7.96E-09	2.48E-09	4.86E-17	1.29E-09	3.41E-12	2.39E-12	3.78E-11	2.35E-11	1.41E-10	2.23E-12	5.09E-11	6.94E-09	6.43E-10	8.28E-09
2616	NG_1312	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.157	2.42E-08	4.69E-08	2.01E-07	1.52E-09	1.32E-11	8.00E-07	7.79E-09	2.43E-09	4.75E-17	1.26E-09	3.34E-12	2.34E-12	3.70E-11	2.30E-11	1.38E-10	2.18E-12	4.98E-11	6.80E-09	6.29E-10	8.10E-09
2617	NG_1313	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.207	1.57E-08	2.83E-08	9.83E-08	2.03E-09	8.53E-12	1.08E-06	5.04E-09	1.57E-09	3.08E-17	8.17E-10	2.17E-12	1.53E-12	2.39E-11	1.49E-11	8.92E-11	1.41E-12	3.22E-11	4.40E-09	4.07E-10	5.24E-09
2618	NG_1314	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.207	1.69E-08	3.03E-08	1.05E-07	2.14E-09	9.16E-12	1.14E-06	5.41E-09	1.69E-09	3.30E-17	8.77E-10	2.33E-12	1.64E-12	2.57E-11	1.60E-11	9.58E-11	1.52E-12	3.46E-11	4.72E-09	4.37E-10	5.63E-09
2619	NG_1315	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.207	1.83E-08	3.27E-08	1.14E-07	2.25E-09	9.91E-12	1.19E-06	5.86E-09	1.83E-09	3.58E-17	9.50E-10	2.52E-12	1.78E-12	2.78E-11	1.73E-11	1.04E-10	1.64E-12	3.74E-11	5.11E-09	4.73E-10	6.09E-09
2620	NG_1316	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.207	2.00E-08	3.57E-08	1.25E-07	2.39E-09	1.09E-11	1.26E-06	6.42E-09	2.00E-09	3.92E-17	1.04E-09	2.77E-12	1.95E-12	3.05E-11	1.90E-11	1.14E-10	1.80E-12	4.10E-11	5.61E-09	5.19E-10	6.68E-09
2621	NG_1317	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.207	2.22E-08	3.95E-08	1.38E-07	2.54E-09	1.20E-11	1.33E-06	7.11E-09	2.22E-09	4.34E-17	1.15E-09	3.06E-12	2.16E-12	3.38E-11	2.10E-11	1.26E-10	1.99E-12	4.54E-11	6.20E-09	5.74E-10	7.39E-09
2622	NG_1318	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.207	2.49E-08	4.44E-08	1.56E-07	2.73E-09	1.35E-11	1.43E-06	7.99E-09	2.49E-09	4.88E-17	1.30E-09	3.44E-12	2.43E-12	3.79E-11	2.36E-11	1.41E-10	2.24E-12	5.11E-11	6.97E-09	6.45E-10	8.31E-09
2623	NG_1319	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.207	2.84E-08	5.06E-08	1.80E-07	2.97E-09	1.54E-11	1.55E-06	9.11E-09	2.84E-09	5.56E-17	1.48E-09	3.92E-12	2.77E-12	4.32E-11	2.69E-11	1.61E-10	2.55E-12	5.82E-11	7.95E-09	7.35E-10	9.47E-09
2624	NG_1320	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.207	3.30E-08	5.91E-08	2.14E-07	3.30E-09	1.79E-11	1.73E-06	1.06E-08	3.30E-09	6.46E-17	1.72E-09	4.56E-12	3.22E-12	5.03E-11	3.13E-11	1.87E-10	2.97E-12	6.76E-11	9.24E-09	8.55E-10	1.10E-08
2625	NG_1321	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.207	3.86E-08	6.96E-08	2.56E-07	3.70E-09	2.10E-11	1.93E-06	1.24E-08	3.87E-09	7.57E-17	2.01E-09	5.34E-12	3.78E-12	5.89E-11	3.67E-11	2.20E-10	3.48E-12	7.92E-11	1.08E-08	1.00E-09	1.29E-08
2626	NG_1322	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.207	4.56E-08	8.28E-08	3.10E-07	4.21E-09	2.48E-11	2.18E-06	1.47E-08	4.57E-09	8.94E-17	2.38E-09	6.31E-12	4.46E-12	6.96E-11	4.33E-11	2.59E-10	4.11E-12	9.36E-11	1.28E-08	1.18E-09	1.52E-08
2627	NG_1323	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.207	5.35E-08	9.77E-08	3.72E-07	4.79E-09	2.91E-11	2.46E-06	1.72E-08	5.36E-09	1.05E-16	2.79E-09	7.40E-12	5.23E-12	8.16E-11	5.08E-11	3.04E-10	4.82E-12	1.10E-10	1.50E-08	1.39E-09	1.79E-08
2628	NG_1324	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.207	6.24E-08	1.15E-07	4.43E-07	5.47E-09	3.39E-11	2.80E-06	2.00E-08	6.25E-09	1.22E-16	3.25E-09	8.63E-12	6.09E-12	9.51E-11	5.93E-11	3.54E-10	5.61E-12	1.28E-10	1.75E-08	1.62E-09	2.08E-08
2629	NG_1325	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.207	7.06E-08	1.30E-07	5.07E-07	6.17E-09	3.83E-11	3.12E-06	2.27E-08	7.07E-09	1.38E-16	3.67E-09	9.76E-12	6.89E-12	1.08E-10	6.70E-11	4.01E-10	6.35E-12	1.45E-10	1.98E-08	1.83E-09	2.36E-08
2630	NG_1326	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.207	7.70E-08	1.42E-07	5.55E-07	6.83E-09	4.19E-11	3.43E-06	2.47E-08	7.72E-09	1.51E-16	4.01E-09	1.07E-11	7.51E-12	1.17E-10	7.32E-11	4.38E-10	6.94E-12	1.58E-10	2.16E-08	2.00E-09	2.57E-08
2631	NG_1327	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.207	8.06E-08	1.48E-07	5.76E-07	7.36E-09	4.38E-11	3.64E-06	2.59E-08	8.08E-09	1.58E-16	4.20E-09	1.11E-11	7.85E-12	1.23E-10	7.66E-11	4.58E-10	7.26E-12	1.65E-10	2.26E-08	2.09E-09	2.69E-08
2632	NG_1328	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.207	8.12E-08	1.49E-07	5.72E-07	7.69E-09	4.41E-11	3.71E-06	2.61E-08	8.14E-09	1.59E-16	4.23E-09	1.12E-11	7.89E-12	1.24E-10	7.71E-11	4.62E-10	7.31E-12	1.67E-10	2.28E-08	2.11E-09	2.71E-08
2637	NG_1333	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.207	6.18E-08	1.11E-07	4.08E-07	6.40E-09	3.35E-11	2.65E-06	1.98E-08	6.19E-09	1.21E-16	3.22E-09	8.52E-12	5.98E-12	9.42E-11	5.86E-11	3.51E-10	5.56E-12	1.27E-10	1.73E-08	1.60E-09	2.06E-08
2638	NG_1334	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.207	5.69E-08	1.02E-07	3.76E-07	5.74E-09	3.09E-11	2.37E-06	1.83E-08	5.71E-09	1.12E-16	2.96E-09	7.85E-12	5.51E-12	8.68E-11	5.40E-11	3.24E-10	5.12E-12	1.17E-10	1.60E-08	1.48E-09	1.90E-08
2639	NG_1335	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.207	5.31E-08	9.57E-08	3.54E-07	5.14E-09	2.88E-11	2.17E-06	1.71E-08	5.32E-09	1.04E-16	2.76E-09	7.32E-12	5.14E-12	8.10E-11	5.04E-11	3.02E-10	4.78E-12	1.09E-10	1.49E-08	1.38E-09	1.77E-08
2640	NG_1336	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.207	5.02E-08	9.09E-08	3.39E-07	4.61E-09	2.72E-11	2.02E-06	1.61E-08	5.03E-09	9.84E-17	2.61E-09	6.92E-12	4.86E-12	7.65E-11	4.76E-11	2.85E-10	4.52E-12	1.03E-10	1.41E-08	1.30E-09	1.68E-08
2641	NG_1337	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.207	4.82E-08	8.80E-08	3.32E-07	4.20E-09	2.62E-11	1.92E-06	1.55E-08	4.83E-09	9.45E-17	2.51E-09	6.65E-12	4.67E-12	7.35E-11	4.58E-11	2.74E-10	4.34E-12	9.90E-11	1.35E-08	1.25E-09	1.61E-08
2642	NG_1338	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.207	4.70E-08	8.65E-08	3.32E-07	3.90E-09	2.55E-11	1.87E-06	1.51E-08	4.71E-09	9.22E-17	2.45E-09	6.49E-12	4.56E-12	7.17E-11	4.46E-11	2.67E-10	4.23E-12	9.65E-11	1.32E-08	1.22E-09	1.57E-08
2643	NG_1339	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.207	4.62E-08	8.57E-08	3.34E-07	3.67E-09	2.51E-11	1.84E-06	1.48E-08	4.63E-09	9.05E-17	2.40E-09	6.37E-12	4.48E-12	7.04E-11	4.38E-11	2.63E-10	4.16E-12	9.48E-11	1.29E-08	1.20E-09	1.54E-08
2644	NG_1340	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.207	4.55E-08	8.52E-08	3.37E-07	3.50E-09	2.47E-11	1.81E-06	1.46E-08	4.56E-09	8.92E-17	2.37E-09	6.28E-12	4.41E-12	6.94E-11	4.32E-11	2.59E-10	4.10E-12	9.34E-11	1.28E-08	1.18E-09	1.52E-08
2645	NG_1341	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.207	4.45E-08	8.39E-08	3.37E-07	3.32E-09	2.41E-11	1.76E-06	1.43E-08	4.46E-09	8.72E-17	2.31E-09	6.13E-12	4.31E-12	6.78E-11	4.22E-11	2.53E-10	4.00E-12	9.13E-11	1.25E-08	1.15E-09	1.49E-08
2646	NG_1342	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.207	4.29E-08	8.14E-08	3.31E-07	3.11E-09	2.33E-11	1.67E-06	1.38E-08	4.30E-09	8.41E-17	2.23E-09	5.91E-12	4.15E-12	6.54E-11	4.07E-11	2.44E-10	3.86E-12	8.80E-11	1.20E-08	1.11E-09	1.43E-08
2647	NG_1343	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.207	4.07E-08	7.76E-08	3.18E-07	2.88E-09	2.21E-11	1.55E-06	1.31E-08	4.08E-09	7.98E-17	2.12E-09	5.61E-12	3.94E-12	6.21E-11	3.86E-11	2.32E-10	3.66E-12	8.36E-11	1.14E-08	1.06E-09	1.36E-08
2648	NG_1344	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.207	3.83E-08	7.32E-08	3.02E-07	2.65E-09	2.08E-11	1.42E-06	1.23E-08	3.84E-09	7.52E-17	2.00E-09	5.28E-12	3.70E-12	5.84E-11	3.64E-11	2.18E-10	3.45E-12	7.87E-11	1.07E-08	9.94E-10	1.28E-08
2649	NG_1345	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.207	3.61E-08	6.91E-08	2.87E-07	2.44E-09	1.96E-11	1.30E-06	1.16E-08	3.62E-09	7.08E-17	1.88E-09	4.98E-12	3.49E-12	5.51E-11	3.43E-11	2.05E-10	3.25E-12	7.42E-11	1.01E-08	9.37E-10	1.21E-08
2650	NG_1346	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.207	3.40E-08	6.52E-08	2.72E-07	2.26E-09	1.85E-11	1.20E-06	1.09E-08	3.41E-09	6.67E-17	1.77E-09	4.69E-12	3.28E-12	5.19E-11	3.23E-11	1.93E-10	3.06E-12	6.98E-11	9.54E-09	8.82E-10	1.14E-08
2651	NG_1347	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.207	3.21E-08	6.16E-08	2.58E-07	2.09E-09	1.74E-11	1.11E-06	1.03E-08	3.22E-09	6.30E-17	1.67E-09	4.42E-12	3.10E-12	4.90E-11	3.05E-11	1.83E-10	2.89E-12	6.60E-11	9.01E-09	8.33E-10	1.07E-08
2652	NG_1348	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.207	3.01E-08	5.77E-08	2.42E-07	1.93E-09	1.63E-11	1.02E-06	9.66E-09	3.02E-09	5.90E-17	1.57E-09	4.14E-12	2.90E-12	4.59E-11	2.85E-11	1.71E-10	2.71E-12	6.18E-11	8.43E-09	7.81E-10	1.01E-08
2653	NG_1349	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.207	2.84E-08	5.45E-08	2.29E-07	1.79E-09	1.54E-11	9.41E-07	9.12E-09	2.85E-09	5.57E-17	1.48E-09	3.91E-12	2.74E-12	4.33E-11	2.69E-11	1.61E-10	2.55E-12	5.83E-11	7.96E-09	7.37E-10	9.49E-09
2654	NG_1350	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.207	2.70E-08	5.18E-08	2.19E-07	1.68E-09	1.46E-11	8.79E-07	8.66E-09	2.70E-09	5.29E-17	1.40E-09	3.71E-12	2.60E-12	4.11E-11	2.56E-11	1.53E-10	2.43E-12	5.54E-11	7.56E-09	6.99E-10	9.01E-09
2655	NG_1351	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.207	2.59E-08	4.98E-08	2.11E-07	1.60E-09	1.40E-11	8.32E-07	8.31E-09	2.59E-09	5.07E-17	1.35E-09	3.56E-12	2.49E-12	3.94E-11	2.45E-11	1.47E-10	2.33E-12	5.31E-11	7.25E-09	6.71E-10	8.64E-09
2656	NG_1352	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.207	2.50E-08	4.81E-08	2.05E-07	1.53E-09	1.35E-11	7.93E-07	8.01E-09	2.50E-09	4.89E-17	1.30E-09	3.44E-12	2.40E-12	3.80E-11	2.37E-11	1.42E-10	2.24E-12	5.12E-11	6.99E-09	6.47E-10	8.33E-09
2657	NG_1353	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.207	2.42E-08	4.67E-08	2.00E-07	1.47E-09	1.31E-11	7.61E-07	7.77E-09	2.42E-09	4.74E-17	1.26E-09	3.33E-12	2.33E-12	3.69E-11	2.29E-11	1.38E-10	2.18E-12	4.97E-11	6.78E-09	6.28E-10	8.08E-09
2658	NG_1354	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.257	1.64E-08	2.94E-08	1.03E-07	1.92E-09	8.92E-12	1.03E-06	5.27E-09	1.65E-09	3.22E-17	8.55E-10	2.27E-12	1.60E-12	2.50E-11	1.56E-11	9.34E-11	1.48E-12	3.37E-11	4.60E-09	4.26E-10	5.49E-09
2659	NG_1355	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.257	1.77E-08	3.15E-08	1.11E-07	2.02E-09	9.59E-12	1.07E-06	5.67E-09	1.77E-09	3.46E-17	9.19E-10	2.44E-12	1.72E-12	2.69E-11	1.68E-11	1.00E-10	1.59E-12	3.62E-11	4.95E-09	4.58E-10	5.90E-09
2660	NG_1356	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.257	1.92E-08	3.42E-08	1.20E-07	2.13E-09	1.04E-11	1.12E-06	6.16E-09	1.92E-09	3.76E-17	9.98E-10	2.65E-12	1.87E-12	2.92E-11	1.82E-11	1.09E-10	1.73E-12	3.93E-11	5.37E-09	4.97E-10	6.40E-09
2661	NG_1357	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.257	2.11E-08	3.75E-08	1.32E-07	2.27E-09	1.14E-11	1.19E-06	6.76E-09	2.11E-09	4.13E-17	1.10E-09	2.91E-12	2.05E-12	3.21E-11	2.00E-11	1.20E-10	1.90E-12	4.32E-11	5.90E-09	5.46E-10	7.03E-09
2662	NG_1358	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.257	2.34E-08	4.16E-08	1.48E-07	2.43E-09	1.27E-11	1.26E-06	7.51E-09	2.34E-09	4.58E-17	1.22E-09	3.23E-12	2.28E-12	3.56E-11	2.22E-11	1.33E-10	2.10E-12	4.80E-11	6.55E-09	6.06E-10	7.81E-09
2663	NG_1359	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.257	2.63E-08	4.68E-08	1.67E-07	2.63E-09	1.43E-11	1.35E-06	8.44E-09	2.63E-09	5.16E-17	1.37E-09	3.64E-12	2.57E-12	4.01E-11	2.50E-11	1.49E-10	2.37E-12	5.40E-11	7.37E-09	6.82E-10	8.78E-09
2664	NG_1360	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.257	3.01E-08	5.37E-08	1.94E-07	2.90E-09	1.63E-11	1.48E-06	9.66E-09	3.01E-09	5.90E-17	1.57E-09	4.16E-12	2.94E-12	4.59E-11	2.86E-11	1.71E-10	2.71E-12	6.17E-11	8.43E-09	7.80E-10	1.00E-08
2665	NG_1361	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.257	3.50E-08	6.27E-08	2.30E-07	3.25E-09	1.90E-11	1.66E-06	1.12E-08	3.50E-09	6.85E-17	1.82E-09	4.83E-12	3.41E-12	5.33E-11	3.32E-11	1.99E-10	3.15E-12	7.17E-11	9.79E-09	9.06E-10	1.17E-08
2666	NG_1362	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.257	4.08E-08	7.37E-08	2.75E-07	3.68E-09	2.22E-11	1.86E-06	1.31E-08	4.09E-09	8.00E-17	2.13E-09	5.65E-12	3.99E-12	6.22E-11	3.88E-11	2.32E-10	3.68E-12	8.38E-11	1.14E-08	1.06E-09	1.36E-08

AQIA DATA - SCENARIO 1 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2667	NG_1363	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.257	4.77E-08	8.66E-08	3.28E-07	4.17E-09	2.59E-11	2.08E-06	1.53E-08	4.77E-09	9.34E-17	2.48E-09	6.59E-12	4.66E-12	7.27E-11	4.53E-11	2.71E-10	4.29E-12	9.78E-11	1.34E-08	1.24E-09	1.59E-08
2668	NG_1364	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.257	5.56E-08	1.02E-07	3.92E-07	4.76E-09	3.02E-11	2.35E-06	1.79E-08	5.57E-09	1.09E-16	2.90E-09	7.70E-12	5.44E-12	8.48E-11	5.28E-11	3.16E-10	5.01E-12	1.14E-10	1.56E-08	1.44E-09	1.86E-08
2669	NG_1365	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.257	6.42E-08	1.18E-07	4.61E-07	5.41E-09	3.49E-11	2.66E-06	2.06E-08	6.43E-09	1.26E-16	3.34E-09	8.88E-12	6.27E-12	9.79E-11	6.10E-11	3.65E-10	5.78E-12	1.32E-10	1.80E-08	1.67E-09	2.14E-08
2670	NG_1366	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.257	7.22E-08	1.33E-07	5.25E-07	6.07E-09	3.92E-11	2.97E-06	2.32E-08	7.24E-09	1.42E-16	3.76E-09	9.99E-12	7.04E-12	1.10E-10	6.86E-11	4.10E-10	6.50E-12	1.48E-10	2.02E-08	1.87E-09	2.41E-08
2671	NG_1367	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.257	7.77E-08	1.44E-07	5.64E-07	6.62E-09	4.22E-11	3.21E-06	2.50E-08	7.79E-09	1.52E-16	4.05E-09	1.07E-11	7.57E-12	1.18E-10	7.38E-11	4.42E-10	7.00E-12	1.59E-10	2.18E-08	2.02E-09	2.60E-08
2672	NG_1368	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.257	8.00E-08	1.47E-07	5.74E-07	7.00E-09	4.35E-11	3.33E-06	2.57E-08	8.02E-09	1.57E-16	4.17E-09	1.11E-11	7.78E-12	1.22E-10	7.60E-11	4.55E-10	7.20E-12	1.64E-10	2.24E-08	2.08E-09	2.67E-08
2673	NG_1369	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.257	7.97E-08	1.46E-07	5.62E-07	7.20E-09	4.33E-11	3.35E-06	2.56E-08	7.99E-09	1.56E-16	4.15E-09	1.10E-11	7.74E-12	1.22E-10	7.57E-11	4.53E-10	7.17E-12	1.64E-10	2.23E-08	2.07E-09	2.66E-08
2678	NG_1374	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.257	6.12E-08	1.10E-07	4.05E-07	5.77E-09	3.32E-11	2.34E-06	1.97E-08	6.14E-09	1.20E-16	3.19E-09	8.45E-12	5.93E-12	9.34E-11	5.81E-11	3.48E-10	5.51E-12	1.26E-10	1.72E-08	1.59E-09	2.05E-08
2679	NG_1375	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.257	5.70E-08	1.02E-07	3.78E-07	5.22E-09	3.10E-11	2.12E-06	1.83E-08	5.72E-09	1.12E-16	2.97E-09	7.87E-12	5.52E-12	8.70E-11	5.41E-11	3.24E-10	5.13E-12	1.17E-10	1.60E-08	1.48E-09	1.91E-08
2680	NG_1376	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.257	5.35E-08	9.61E-08	3.58E-07	4.71E-09	2.90E-11	1.95E-06	1.72E-08	5.36E-09	1.05E-16	2.79E-09	7.38E-12	5.18E-12	8.16E-11	5.08E-11	3.04E-10	4.82E-12	1.10E-10	1.50E-08	1.39E-09	1.79E-08
2681	NG_1377	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.257	5.09E-08	9.18E-08	3.45E-07	4.27E-09	2.76E-11	1.83E-06	1.63E-08	5.10E-09	9.97E-17	2.65E-09	7.01E-12	4.92E-12	7.75E-11	4.83E-11	2.89E-10	4.58E-12	1.04E-10	1.43E-08	1.32E-09	1.70E-08
2682	NG_1378	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.257	4.91E-08	8.94E-08	3.40E-07	3.92E-09	2.67E-11	1.76E-06	1.58E-08	4.92E-09	9.63E-17	2.56E-09	6.78E-12	4.76E-12	7.49E-11	4.66E-11	2.79E-10	4.42E-12	1.01E-10	1.38E-08	1.27E-09	1.64E-08
2683	NG_1379	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.257	4.79E-08	8.79E-08	3.39E-07	3.66E-09	2.60E-11	1.72E-06	1.54E-08	4.80E-09	9.39E-17	2.49E-09	6.61E-12	4.64E-12	7.30E-11	4.55E-11	2.72E-10	4.31E-12	9.83E-11	1.34E-08	1.24E-09	1.60E-08
2684	NG_1380	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.257	4.70E-08	8.70E-08	3.41E-07	3.47E-09	2.55E-11	1.70E-06	1.51E-08	4.71E-09	9.21E-17	2.45E-09	6.49E-12	4.56E-12	7.16E-11	4.46E-11	2.67E-10	4.23E-12	9.64E-11	1.32E-08	1.22E-09	1.57E-08
2685	NG_1381	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.257	4.63E-08	8.65E-08	3.44E-07	3.33E-09	2.51E-11	1.69E-06	1.49E-08	4.64E-09	9.07E-17	2.41E-09	6.39E-12	4.49E-12	7.05E-11	4.39E-11	2.63E-10	4.16E-12	9.50E-11	1.30E-08	1.20E-09	1.55E-08
2686	NG_1382	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.257	4.55E-08	8.58E-08	3.47E-07	3.20E-09	2.47E-11	1.66E-06	1.46E-08	4.56E-09	8.92E-17	2.37E-09	6.28E-12	4.41E-12	6.94E-11	4.32E-11	2.59E-10	4.09E-12	9.34E-11	1.28E-08	1.18E-09	1.52E-08
2687	NG_1383	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.257	4.40E-08	8.35E-08	3.41E-07	3.03E-09	2.39E-11	1.60E-06	1.41E-08	4.41E-09	8.63E-17	2.29E-09	6.07E-12	4.26E-12	6.71E-11	4.18E-11	2.50E-10	3.96E-12	9.03E-11	1.23E-08	1.14E-09	1.47E-08
2688	NG_1384	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.257	4.17E-08	7.93E-08	3.27E-07	2.81E-09	2.26E-11	1.48E-06	1.34E-08	4.18E-09	8.17E-17	2.17E-09	5.75E-12	4.03E-12	6.36E-11	3.96E-11	2.37E-10	3.75E-12	8.56E-11	1.17E-08	1.08E-09	1.39E-08
2689	NG_1385	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.257	3.94E-08	7.51E-08	3.11E-07	2.61E-09	2.14E-11	1.37E-06	1.26E-08	3.94E-09	7.72E-17	2.05E-09	5.43E-12	3.80E-12	6.00E-11	3.73E-11	2.24E-10	3.54E-12	8.08E-11	1.10E-08	1.02E-09	1.31E-08
2690	NG_1386	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.257	3.71E-08	7.09E-08	2.95E-07	2.42E-09	2.01E-11	1.27E-06	1.19E-08	3.72E-09	7.27E-17	1.93E-09	5.11E-12	3.58E-12	5.66E-11	3.52E-11	2.11E-10	3.34E-12	7.62E-11	1.04E-08	9.62E-10	1.24E-08
2691	NG_1387	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.257	3.51E-08	6.73E-08	2.81E-07	2.26E-09	1.91E-11	1.18E-06	1.13E-08	3.52E-09	6.89E-17	1.83E-09	4.84E-12	3.39E-12	5.35E-11	3.33E-11	2.00E-10	3.16E-12	7.21E-11	9.85E-09	9.11E-10	1.17E-08
2692	NG_1388	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.257	3.30E-08	6.33E-08	2.65E-07	2.10E-09	1.79E-11	1.09E-06	1.06E-08	3.31E-09	6.47E-17	1.72E-09	4.54E-12	3.18E-12	5.03E-11	3.13E-11	1.88E-10	2.97E-12	6.77E-11	9.25E-09	8.56E-10	1.10E-08
2693	NG_1389	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.257	3.08E-08	5.92E-08	2.49E-07	1.94E-09	1.67E-11	1.00E-06	9.91E-09	3.09E-09	6.05E-17	1.61E-09	4.25E-12	2.97E-12	4.70E-11	2.93E-11	1.75E-10	2.77E-12	6.33E-11	8.65E-09	8.00E-10	1.03E-08
2694	NG_1390	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.257	2.88E-08	5.52E-08	2.33E-07	1.79E-09	1.56E-11	9.15E-07	9.25E-09	2.89E-09	5.65E-17	1.50E-09	3.97E-12	2.78E-12	4.39E-11	2.73E-11	1.64E-10	2.59E-12	5.91E-11	8.07E-09	7.47E-10	9.62E-09
2695	NG_1391	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.257	2.73E-08	5.24E-08	2.21E-07	1.67E-09	1.48E-11	8.56E-07	8.76E-09	2.73E-09	5.35E-17	1.42E-09	3.76E-12	2.63E-12	4.16E-11	2.59E-11	1.55E-10	2.45E-12	5.60E-11	7.65E-09	7.08E-10	9.11E-09
2696	NG_1392	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.257	2.61E-08	5.03E-08	2.13E-07	1.59E-09	1.42E-11	8.13E-07	8.40E-09	2.62E-09	5.13E-17	1.36E-09	3.60E-12	2.52E-12	3.99E-11	2.48E-11	1.49E-10	2.35E-12	5.37E-11	7.33E-09	6.78E-10	8.73E-09
2697	NG_1393	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.257	2.50E-08	4.82E-08	2.05E-07	1.51E-09	1.36E-11	7.69E-07	8.04E-09	2.51E-09	4.91E-17	1.30E-09	3.45E-12	2.41E-12	3.82E-11	2.37E-11	1.42E-10	2.25E-12	5.14E-11	7.02E-09	6.49E-10	8.36E-09
2698	NG_1394	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.257	2.40E-08	4.62E-08	1.98E-07	1.43E-09	1.30E-11	7.29E-07	7.71E-09	2.41E-09	4.71E-17	1.25E-09	3.31E-12	2.31E-12	3.66E-11	2.28E-11	1.36E-10	2.16E-12	4.93E-11	6.73E-09	6.23E-10	8.02E-09
2699	NG_1395	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.307	1.73E-08	3.08E-08	1.09E-07	1.82E-09	9.39E-12	9.69E-07	5.55E-09	1.73E-09	3.39E-17	9.00E-10	2.39E-12	1.68E-12	2.64E-11	1.64E-11	9.83E-11	1.56E-12	3.55E-11	4.85E-09	4.48E-10	5.77E-09
2700	NG_1396	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.307	1.87E-08	3.31E-08	1.18E-07	1.92E-09	1.01E-11	1.01E-06	5.98E-09	1.87E-09	3.65E-17	9.70E-10	2.58E-12	1.82E-12	2.84E-11	1.77E-11	1.06E-10	1.68E-12	3.82E-11	5.22E-09	4.83E-10	6.22E-09
2701	NG_1397	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.307	2.03E-08	3.61E-08	1.29E-07	2.03E-09	1.10E-11	1.06E-06	6.52E-09	2.03E-09	3.98E-17	1.06E-09	2.81E-12	1.98E-12	3.09E-11	1.93E-11	1.15E-10	1.83E-12	4.16E-11	5.69E-09	5.26E-10	6.78E-09
2702	NG_1398	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.307	2.23E-08	3.97E-08	1.42E-07	2.18E-09	1.21E-11	1.13E-06	7.17E-09	2.24E-09	4.37E-17	1.16E-09	3.09E-12	2.18E-12	3.40E-11	2.12E-11	1.27E-10	2.01E-12	4.58E-11	6.25E-09	5.79E-10	7.45E-09
2703	NG_1399	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.307	2.48E-08	4.41E-08	1.59E-07	2.35E-09	1.35E-11	1.20E-06	7.96E-09	2.48E-09	4.86E-17	1.29E-09	3.43E-12	2.42E-12	3.78E-11	2.36E-11	1.41E-10	2.23E-12	5.09E-11	6.95E-09	6.43E-10	8.28E-09
2704	NG_1400	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.307	2.79E-08	4.96E-08	1.80E-07	2.56E-09	1.51E-11	1.29E-06	8.94E-09	2.79E-09	5.46E-17	1.45E-09	3.85E-12	2.72E-12	4.25E-11	2.65E-11	1.58E-10	2.51E-12	5.71E-11	7.80E-09	7.22E-10	9.30E-09
2705	NG_1401	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.307	3.19E-08	5.70E-08	2.10E-07	2.86E-09	1.73E-11	1.43E-06	1.02E-08	3.19E-09	6.24E-17	1.66E-09	4.41E-12	3.11E-12	4.86E-11	3.03E-11	1.81E-10	2.87E-12	6.53E-11	8.93E-09	8.26E-10	1.06E-08
2706	NG_1402	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.307	3.70E-08	6.66E-08	2.49E-07	3.24E-09	2.01E-11	1.61E-06	1.19E-08	3.70E-09	7.25E-17	1.93E-09	5.12E-12	3.61E-12	5.64E-11	3.51E-11	2.10E-10	3.33E-12	7.59E-11	1.04E-08	9.59E-10	1.23E-08
2707	NG_1403	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.307	4.28E-08	7.76E-08	2.94E-07	3.67E-09	2.33E-11	1.80E-06	1.38E-08	4.29E-09	8.40E-17	2.23E-09	5.93E-12	4.19E-12	6.53E-11	4.07E-11	2.44E-10	3.86E-12	8.79E-11	1.20E-08	1.11E-09	1.43E-08
2708	NG_1404	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.307	4.92E-08	8.95E-08	3.43E-07	4.12E-09	2.67E-11	1.99E-06	1.58E-08	4.93E-09	9.64E-17	2.56E-09	6.81E-12	4.81E-12	7.50E-11	4.67E-11	2.80E-10	4.43E-12	1.01E-10	1.38E-08	1.28E-09	1.64E-08
2709	NG_1405	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.307	5.66E-08	1.04E-07	4.02E-07	4.67E-09	3.08E-11	2.23E-06	1.82E-08	5.67E-09	1.11E-16	2.95E-09	7.83E-12	5.53E-12	8.63E-11	5.38E-11	3.22E-10	5.09E-12	1.16E-10	1.59E-08	1.47E-09	1.89E-08
2710	NG_1406	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.307	6.48E-08	1.19E-07	4.69E-07	5.30E-09	3.52E-11	2.52E-06	2.08E-08	6.50E-09	1.27E-16	3.38E-09	8.97E-12	6.33E-12	9.88E-11	6.16E-11	3.68E-10	5.84E-12	1.33E-10	1.82E-08	1.68E-09	2.17E-08
2711	NG_1407	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.307	7.21E-08	1.33E-07	5.28E-07	5.91E-09	3.92E-11	2.80E-06	2.32E-08	7.23E-09	1.41E-16	3.76E-09	9.97E-12	7.03E-12	1.10E-10	6.85E-11	4.10E-10	6.49E-12	1.48E-10	2.02E-08	1.87E-09	2.41E-08
2712	NG_1408	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.307	7.68E-08	1.42E-07	5.60E-07	6.38E-09	4.17E-11	2.98E-06	2.47E-08	7.69E-09	1.51E-16	4.00E-09	1.06E-11	7.47E-12	1.17E-10	7.29E-11	4.36E-10	6.91E-12	1.58E-10	2.15E-08	1.99E-09	2.56E-08
2713	NG_1409	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.307	7.82E-08	1.43E-07	5.61E-07	6.66E-09	4.25E-11	3.04E-06	2.51E-08	7.83E-09	1.53E-16	4.07E-09	1.08E-11	7.60E-12	1.19E-10	7.42E-11	4.44E-10	7.04E-12	1.60E-10	2.19E-08	2.03E-09	2.61E-08
2714	NG_1410	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.307	7.73E-08	1.41E-07	5.45E-07	6.79E-09	4.20E-11	3.02E-06	2.48E-08	7.75E-09	1.52E-16	4.03E-09	1.07E-11	7.50E-12	1.18E-10	7.34E-11	4.40E-10	6.96E-12	1.59E-10	2.17E-08	2.01E-09	2.58E-08
2715	NG_1411	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.307	7.55E-08	1.37E-07	5.23E-07	6.81E-09	4.10E-11	2.96E-06	2.43E-08	7.57E-09	1.48E-16	3.93E-09	1.04E-11	7.32E-12	1.15E-10	7.17E-11	4.29E-10	6.80E-12	1.55E-10	2.12E-08	1.96E-09	2.52E-08
2716	NG_1412	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.307	7.31E-08	1.32E-07	5.01E-07	6.69E-09	3.97E-11	2.85E-06	2.35E-08	7.33E-09	1.43E-16	3.81E-09	1.01E-11	7.08E-12	1.12E-10	6.94E-11	4.16E-10	6.58E-12	1.50E-10	2.05E-08	1.90E-09	2.44E-08
2717	NG_1413	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.307	6.94E-08	1.25E-07	4.70E-07	6.35E-09	3.77E-11	2.63E-06	2.23E-08	6.95E-09	1.36E-16	3.61E-09	9.57E-12	6.72E-12	1.06E-10	6.59E-11	3.94E-10	6.24E-12	1.42E-10	1.94E-08	1.80E-09	2.32E-08
2718	NG_1414	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.307	6.47E-08	1.16E-07	4.32E-07	5.85E-09	3.51E-11	2.34E-06	2.08E-08	6.48E-09	1.27E-16	3.37E-09	8.92E-12	6.26E-12	9.86E-11	6.14E-11	3.68E-10	5.82E-12	1.33E-10	1.81E-08	1.68E-09	2.16E-08
2719	NG_1415	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.307	6.04E-08	1.08E-07	4.01E-07	5.33E-09	3.28E-11	2.09E-06	1.94E-08	6.05E-09	1.18E-16	3.14E-09	8.33E-12	5.84E-12	9.20E-11	5.73E-11	3.43E-10	5.43E-12	1.24E-10	1.69E-08	1.57E-09	2.02E-08
2720	NG_1416	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.307	5.67E-08	1.01E-07	3.78E-07	4.85E-09	3.08E-11	1.91E-06	1.82E-08	5.68E-09	1.11E-16	2.95E-09	7.82E-12	5.49E-12	8.65E-11	5.38E-11	3.22E-10	5.10E-12	1.16E-10	1.59E-08	1.47E-09	1.89E-08
2721	NG_1417	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.307	5.36E-08	9.61E-08	3.60E-07	4.40E-09	2.91E-11	1.78E-06	1.72E-08	5.37E-09	1.05E-16	2.79E-09	7.39E-12	5.18E-12	8.17E-11	5.08E-11	3.04E-10	4.82E-12	1.10E-10	1.50E-08	1.39E-09	1.79E-08
2722	NG_1418	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.307	5.10E-08	9.19E-08	3.47E-07	4.01E-09	2.77E-11	1.68E-06	1.64E-08	5.11E-09	9.99E-17	2.65E-09	7.03E-12	4.93E-12	7.77E-11	4.84E-11	2.90E-10	4.59E-12	1.05E-10	1.43E-08	1.32E-09	1.70E-08
2723	NG_1419	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.307	4.91E-08	8.91E-08	3.40E-07	3.70E-09	2.66E-11	1.62E-06	1.58E-08	4.92E-09	9.62E-17	2.55E-09	6.77E-12	4.75E-12	7.48E-11	4.66E-11	2.79E-10	4.42E-12	1.01E-10	1.38E-08	1.27E-09	1.64E-08
2724	NG_1420	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.307	4.76E-08	8.71E-08	3.37E-07	3.45E-09	2.58E-11	1.57E-06	1.53E-08	4.77E-09	9.33E-17	2.48E-09	6.57E-12	4.61E-12	7.25E-11	4.52E-11	2.70E-10	4.28E-12	9.77E-11	1.33E-08	1.23E-09	1.59E-08
2725	NG_1421	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.307	4.64E-08	8.57E-08	3.36E-07	3.27E-09	2.52E-11	1.55E-06	1.49E-08	4.65E-09	9.10E-17	2.42E-09	6.41E-12	4.51E-12	7.08E-11	4.41E-11	2.64E-10	4.18E-12	9.53E-11	1.30E-08	1.20E-09	1.55E-08
2726	NG_1422	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.307	4.60E-08	8.57E-08	3.42E-07	3.16E-09	2.50E-11	1.55E-06	1.48E-08	4.61E-09	9.01E-17	2.39E-09	6.34E-12	4.46E-12	7.01E-11	4.36E-11	2.61E-10	4.14E-12	9.43E-11	1.29E-08	1.19E-09	1.54E-08
2727	NG_1423	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.307	4.54E-08	8.54E-08	3.46E-07	3.06E-09	2.47E-11	1.55E-06	1.46E-08	4.55E-09	8.90E-17	2.36E-09	6.27E-12	4.40E-12	6.92E-11	4.31E-11	2.58E-10	4.09E-12	9.32E-11	1.27E-08	1.18E-09	1.52E-08
2728	NG_1424	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.307	4.41E-08	8.35E-08	3.42E-07	2.93E-09	2.39E-11	1.51E-06	1.42E-08	4.42E-09	8.65E-17	2.30E-09	6.08E-12	4.27E-12	6.72E-11	4.19E-11	2.51E-10	3.97E-12	9.05E-11	1.24E-08	1.14E-09	1.47E-08
2729	NG_1425	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.307	4.20E-08	7.98E-08	3.29E-07	2.74E-09	2.28E-11	1.41E-06	1.35E-08	4.21E-09	8.23E-17	2.18E-09	5.79E-12	4.06E-12	6.40E-11	3.98E-11	2.39E-10	3.78E-12	8.62E-11	1.18E-08	1.09E-09	1.40E-08
2730	NG_1426	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.307	3.96E-08	7.53E-08	3.12E-07	2.56E-09	2.15E-11	1.31E-06	1.27E-08	3.96E-09	7.76E-17	2.06E-09	5.45E-12	3.82E-12	6.03E-11	3.75E-11	2.25E-10	3.56E-12	8.12E-11	1.11E-08	1.03E-09	1.32E-08
2731	NG_1427	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.307	3.75E-08	7.15E-08	2.98E-07	2.40E-09	2.03E-11	1.22E-06	1.20E-08	3.75E-09	7.35E-17	1.95E-09	5.16E-12	3.62E-12	5.71E-11	3.55E-11	2.13E-10	3.37E-12	7.69E-11	1.05E-08	9.72E-10	1.25E-08
2732	NG_1428	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.307	3.55E-08	6.80E-08	2.84E-07	2.25E-09	1.93E-11	1.15E-06	1.14E-08	3.56E-09	6.96E-17	1.85E-09	4.89E-12	3.43E-12	5.41E-11	3.37E-11	2.02E-10	3.19E-12	7.29E-11	9.95E-09	9.21E-10	1.19E-08
2733	NG_1429	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.307	3.34E-08	6.41E-08	2.69E-07	2.10E-09	1.82E-11	1.07E-06	1.07E-08	3.35E-09	6.56E-17	1.74E-09	4.61E-12	3.23E-12	5.10E-11	3.17E-11	1.90E-10	3.01E-12	6.87E-11	9.37E-09	8.68E-10	1.12E-08
2734	NG_1430	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.307	3.12E-08	5.98E-08	2.52E-07	1.94E-09	1.69E-11	9.81E-07	1.00E-08	3.13E-09	6.12E-17	1.62E-09	4.30E-12	3.01E-12	4.75E-11	2.96E-11	1.77E-10	2.81E-12	6.40E-11	8.74E-09	8.09E-10	1.04E-08
2735	NG_1431	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.307	2.90E-08	5.56E-08	2.34E-07	1.79E-09	1.58E-11	8.96E-07	9.32E-09	2.91E-09	5.69E-17	1.51E-09	4.00E-12	2.80E-12	4.43E-11	2.75E-11	1.65E-10	2.61E-12	5.96E-11	8.14E-09	7.53E-10	9.70E-09
2736	NG_1432	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.307	2.75E-08	5.27E-08	2.23E-07	1.67E-09	1.49E-11	8.40E-07	8.82E-09	2.75E-09	5.39E-17	1.43E-09	3.78E-12	2.65E-12	4.19E-11	2.61E-11	1.56E-10	2.47E-12	5.64E-11	7.70E-09	7.13E-10	9.18E-09
2737	NG_1433	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.307	2.63E-08	5.05E-08	2.15E-07	1.59E-09	1.43E-11	8.00E-07	8.45E-09	2.64E-09	5.16E-17	1.37E-09	3.62E-12	2.54E-12	4.01E-11	2.50E-11	1.50E-10	2.37E-12	5.40E-11	7.37E-09	6.82E-10	8.79E-09
2738	NG_1434	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.307	2.51E-08	4.83E-08	2.06E-07	1.50E-09	1.36E-11	7.57E-07	8.07E-09	2.52E-09	4.93E-17	1.31E-09	3.46E-12	2.42E-12	3.83E-11	2.38E-11	1.43E-10	2.26E-12	5.16E-11	7.04E-09	6.52E-10	8.39E-09
2739	NG_1435	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.307	2.38E-08	4.58E-08	1.95E-07	1.41E-09	1.29E-11	7.07E-07	7.64E-09	2.38E-09	4.66E-17	1.24E-09	3.28E-12	2.29E-12	3.63E-11	2.26E-11	1.35E-10	2.14E-12	4.88E-11	6.67E-09	6.17E-10	7.95E-09
2740	NG_1436	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.357	1.83E-08	3.25E-08	1.17E-07	1.73E-09	9.91E-12	9.16E-07	5.86E-09	1.83E-09	3.58E-17	9.50E-10	2.52E-12	1.78E-12	2.78E-11	1.73E-11	1.04E-10	1.64E-12	3.74E-11	5.11E-09	4.73E-10	6.09E-09
2741	NG_1437	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.357	1.98E-08	3.51E-08	1.27E-07	1.84E-09	1.07E-11	9.63E-07	6.34E-09	1.98E-09	3.87E-17	1.03E-09	2.73E-12	1.92E-12	3.01E-11	1.88E-11	1.12E-10	1.78E-12	4.05E-11	5.53E-09	5.12E-10	6.59E-09
2742	NG_1438	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.357	2.16E-08	3.84E-08	1.40E-07	1.96E-09	1.17E-11	1.02E-06	6.93E-09	2.16E-09	4.23E-17	1.12E-09	2.98E-12	2.10E-12	3.29E-11	2.05E-11	1.23E-10	1.94E-12	4.43E-11	6.04E-09	5.59E-10	7.20E-09
2743	NG_1439	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.357	2.38E-08	4.23E-08	1.55E-07	2.11E-09	1.29E-11	1.08E-06	7.63E-09	2.38E-09	4.66E-17	1.24E-09	3.28E-12	2.32E-12	3.62E-11	2.26E-11	1.35E-10	2.14E-12	4.87E-11	6.66E-09	6.16E-10	7.93E-09
2744	NG_1440	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.357	2.64E-08	4.71E-08	1.73E-07	2.30E-09	1.43E-11	1.16E-06	8.47E-09	2.64E-09	5.17E-17	1.37E-09	3.65E-12	2.58E-12	4.02E-11	2.51E-11	1.50E-10	2.38E-12	5.41E-11	7.40E-09	6.84E-10	8.81E-09
2745	NG_1441	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.357	2.97E-08	5.30E-08	1.97E-07	2.54E-09	1.61E-11	1.26E-06	9.52E-09	2.97E-09	5.81E-17	1.54E-09	4.10E-12	2.89E-12	4.52E-11	2.82E-11	1.68E-10	2.67E-12	6.08E-11	8.31E-09	7.68E-10	9.90E-09
2746	NG_1442	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.357	3.37E-08	6.06E-08	2.27E-07	2.84E-09	1.83E-11	1.39E-06	1.08E-08	3.38E-09	6.61E-17	1.76E-09	4.66E-12	3.29E-12	5.14E-11	3.20E-11	1.92E-10	3.03E-12	6.92E-11	9.45E-09	8.74E-10	1.13E-08
2747	NG_1443	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.357	3.88E-08	7.01E-08	2.66E-07	3.22E-09	2.11E-11	1.56E-06	1.24E-08	3.88E-09	7.60E-17	2.02E-09	5.36E-12	3.78E-12	5.91E-11	3.68E-11	2.20E-10	3.49E-12	7.95E-11	1.09E-08	1.00E-09	1.29E-08
2748	NG_1444	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.357	4.44E-08	8.08E-08	3.10E-07	3.64E-09	2.41E-11	1.74E-06	1.43E-08	4.45E-09	8.71E-17	2.31E-09	6.15E-12	4.34E-12	6.77E-11	4.22E-11	2.53E-10	4.00E-12	9.12E-11	1.25E-08	1.15E-09	1.48E-08
2749	NG_1445	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.357	5.05E-08	9.23E-08	3.58E-07	4.09E-09	2.75E-11	1.92E-06	1.62E-08	5.06E-09	9.91E-17	2.63E-09	6.99E-12	4.94E-12	7.71E-11	4.80E-11	2.87E-10	4.55E-12	1.04E-10	1.42E-08	1.31E-09	1.69E-08
2750	NG_1446	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.357	5.73E-08	1.05E-07	4.12E-07	4.60E-09	3.11E-11	2.13E-06	1.84E-08	5.74E-09	1.12E-16	2.98E-09	7.92E-12	5.59E-12	8.73E-11	5.44E-11	3.26E-10	5.16E-12	1.18E-10	1.61E-08	1.49E-09	1.91E-08
2751	NG_1447	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.357	6.42E-08	1.18E-07	4.67E-07	5.14E-09	3.49E-11	2.36E-06	2.06E-08	6.43E-09	1.26E-16	3.34E-09	8.87E-12	6.26E-12	9.79E-11	6.10E-11	3.65E-10	5.78E-12	1.32E-10	1.80E-08	1.66E-09	2.14E-08
2752	NG_1448	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.357	7.00E-08	1.29E-07	5.12E-07	5.65E-09	3.80E-11	2.56E-06	2.25E-08	7.02E-09	1.37E-16	3.65E-09	9.68E-12	6.82E-12	1.07E-10	6.65E-11	3.98E-10	6.30E-12	1.44E-10	1.96E-08	1.82E-09	2.34E-08
2753	NG_1449	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.357	7.36E-08	1.35E-07	5.35E-07	6.04E-09	4.00E-11	2.70E-06	2.37E-08	7.38E-09	1.44E-16	3.83E-09	1.02E-11	7.16E-12	1.12E-10	6.99E-11	4.19E-10	6.63E-12	1.51E-10	2.06E-08	1.91E-09	2.46E-08
2754	NG_1450	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.357	7.48E-08	1.37E-07	5.36E-07	6.29E-09	4.06E-11	2.75E-06	2.40E-08	7.50E-09	1.47E-16	3.89E-09	1.03E-11	7.27E-12	1.14E-10	7.10E-11	4.25E-10	6.73E-12	1.54E-10	2.10E-08	1.94E-09	2.50E-08
2755	NG_1451	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.357	7.40E-08	1.35E-07	5.20E-07	6.39E-09	4.02E-11	2.72E-06	2.38E-08	7.42E-09	1.45E-16	3.85E-09	1.02E-11	7.18E-12	1.13E-10	7.03E-11	4.21E-10	6.66E-12	1.52E-10	2.07E-08	1.92E-09	2.47E-08

AQIA DATA - SCENARIO 1 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.62E-07**	**3.13E-07**	**1.05E-06**	**5.68E-08**	**8.79E-11**	**2.69E-05**	**5.19E-08**	**1.62E-08**	**3.17E-16**	**8.41E-09**	**2.24E-11**	**1.59E-11**	**2.46E-10**	**1.54E-10**	**9.18E-10**	**1.46E-11**	**3.31E-10**	**4.53E-08**	**4.19E-09**	**5.40E-08**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2756	NG_1452	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.357	7.22E-08	1.31E-07	4.99E-07	6.37E-09	3.92E-11	2.65E-06	2.32E-08	7.23E-09	1.42E-16	3.76E-09	9.96E-12	7.00E-12	1.10E-10	6.85E-11	4.10E-10	6.50E-12	1.48E-10	2.02E-08	1.87E-09	2.41E-08
2757	NG_1453	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.357	6.99E-08	1.26E-07	4.77E-07	6.22E-09	3.79E-11	2.53E-06	2.24E-08	7.00E-09	1.37E-16	3.64E-09	9.64E-12	6.77E-12	1.07E-10	6.63E-11	3.97E-10	6.29E-12	1.43E-10	1.96E-08	1.81E-09	2.33E-08
2758	NG_1454	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.357	6.67E-08	1.20E-07	4.51E-07	5.92E-09	3.62E-11	2.35E-06	2.14E-08	6.68E-09	1.31E-16	3.47E-09	9.20E-12	6.46E-12	1.02E-10	6.33E-11	3.79E-10	6.00E-12	1.37E-10	1.87E-08	1.73E-09	2.23E-08
2759	NG_1455	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.357	6.29E-08	1.12E-07	4.21E-07	5.48E-09	3.41E-11	2.12E-06	2.02E-08	6.30E-09	1.23E-16	3.27E-09	8.67E-12	6.09E-12	9.59E-11	5.97E-11	3.57E-10	5.66E-12	1.29E-10	1.76E-08	1.63E-09	2.10E-08
2760	NG_1456	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.357	5.92E-08	1.06E-07	3.96E-07	5.02E-09	3.22E-11	1.93E-06	1.90E-08	5.94E-09	1.16E-16	3.08E-09	8.17E-12	5.73E-12	9.03E-11	5.62E-11	3.37E-10	5.33E-12	1.22E-10	1.66E-08	1.54E-09	1.98E-08
2761	NG_1457	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.357	5.58E-08	9.99E-08	3.75E-07	4.57E-09	3.03E-11	1.77E-06	1.79E-08	5.60E-09	1.09E-16	2.91E-09	7.70E-12	5.40E-12	8.51E-11	5.30E-11	3.17E-10	5.02E-12	1.15E-10	1.56E-08	1.45E-09	1.87E-08
2762	NG_1458	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.357	5.27E-08	9.45E-08	3.56E-07	4.15E-09	2.86E-11	1.64E-06	1.69E-08	5.28E-09	1.03E-16	2.74E-09	7.27E-12	5.10E-12	8.04E-11	5.00E-11	3.00E-10	4.74E-12	1.08E-10	1.48E-08	1.37E-09	1.76E-08
2763	NG_1459	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.357	5.00E-08	9.02E-08	3.42E-07	3.79E-09	2.72E-11	1.54E-06	1.61E-08	5.02E-09	9.81E-17	2.61E-09	6.90E-12	4.84E-12	7.63E-11	4.75E-11	2.85E-10	4.50E-12	1.03E-10	1.40E-08	1.30E-09	1.67E-08
2764	NG_1460	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.357	4.80E-08	8.70E-08	3.33E-07	3.49E-09	2.61E-11	1.48E-06	1.54E-08	4.81E-09	9.41E-17	2.50E-09	6.62E-12	4.65E-12	7.32E-11	4.56E-11	2.73E-10	4.32E-12	9.85E-11	1.35E-08	1.24E-09	1.60E-08
2765	NG_1461	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.357	4.64E-08	8.46E-08	3.28E-07	3.26E-09	2.52E-11	1.43E-06	1.49E-08	4.65E-09	9.09E-17	2.41E-09	6.40E-12	4.50E-12	7.07E-11	4.40E-11	2.64E-10	4.17E-12	9.52E-11	1.30E-08	1.20E-09	1.55E-08
2766	NG_1462	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.357	4.52E-08	8.32E-08	3.27E-07	3.09E-09	2.45E-11	1.41E-06	1.45E-08	4.53E-09	8.86E-17	2.35E-09	6.24E-12	4.39E-12	6.89E-11	4.29E-11	2.57E-10	4.07E-12	9.28E-11	1.27E-08	1.17E-09	1.51E-08
2767	NG_1463	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.357	4.46E-08	8.29E-08	3.30E-07	2.98E-09	2.42E-11	1.41E-06	1.43E-08	4.47E-09	8.74E-17	2.32E-09	6.16E-12	4.33E-12	6.80E-11	4.23E-11	2.54E-10	4.01E-12	9.15E-11	1.25E-08	1.16E-09	1.49E-08
2768	NG_1464	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.357	4.40E-08	8.24E-08	3.33E-07	2.89E-09	2.39E-11	1.41E-06	1.41E-08	4.41E-09	8.62E-17	2.29E-09	6.07E-12	4.27E-12	6.70E-11	4.17E-11	2.50E-10	3.96E-12	9.03E-11	1.23E-08	1.14E-09	1.47E-08
2769	NG_1465	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.357	4.30E-08	8.11E-08	3.32E-07	2.79E-09	2.33E-11	1.39E-06	1.38E-08	4.31E-09	8.42E-17	2.24E-09	5.93E-12	4.17E-12	6.55E-11	4.08E-11	2.44E-10	3.87E-12	8.82E-11	1.20E-08	1.11E-09	1.44E-08
2770	NG_1466	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.357	4.13E-08	7.83E-08	3.22E-07	2.65E-09	2.24E-11	1.32E-06	1.33E-08	4.14E-09	8.09E-17	2.15E-09	5.70E-12	4.00E-12	6.29E-11	3.92E-11	2.35E-10	3.72E-12	8.47E-11	1.16E-08	1.07E-09	1.38E-08
2771	NG_1467	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.357	3.93E-08	7.47E-08	3.09E-07	2.50E-09	2.13E-11	1.25E-06	1.26E-08	3.94E-09	7.70E-17	2.04E-09	5.42E-12	3.80E-12	5.99E-11	3.73E-11	2.23E-10	3.53E-12	8.06E-11	1.10E-08	1.02E-09	1.31E-08
2772	NG_1468	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.357	3.73E-08	7.11E-08	2.96E-07	2.35E-09	2.02E-11	1.18E-06	1.20E-08	3.74E-09	7.31E-17	1.94E-09	5.14E-12	3.60E-12	5.68E-11	3.54E-11	2.12E-10	3.35E-12	7.65E-11	1.04E-08	9.67E-10	1.24E-08
2773	NG_1469	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.357	3.54E-08	6.76E-08	2.83E-07	2.22E-09	1.92E-11	1.11E-06	1.14E-08	3.55E-09	6.94E-17	1.84E-09	4.88E-12	3.42E-12	5.39E-11	3.36E-11	2.01E-10	3.18E-12	7.26E-11	9.92E-09	9.18E-10	1.18E-08
2774	NG_1470	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.357	3.33E-08	6.38E-08	2.68E-07	2.08E-09	1.81E-11	1.04E-06	1.07E-08	3.34E-09	6.54E-17	1.74E-09	4.59E-12	3.22E-12	5.08E-11	3.16E-11	1.89E-10	3.00E-12	6.84E-11	9.34E-09	8.65E-10	1.11E-08
2775	NG_1471	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.357	3.13E-08	6.00E-08	2.53E-07	1.94E-09	1.70E-11	9.64E-07	1.01E-08	3.14E-09	6.14E-17	1.63E-09	4.32E-12	3.02E-12	4.77E-11	2.97E-11	1.78E-10	2.82E-12	6.43E-11	8.78E-09	8.12E-10	1.05E-08
2776	NG_1472	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.357	2.94E-08	5.63E-08	2.37E-07	1.80E-09	1.59E-11	8.94E-07	9.43E-09	2.94E-09	5.76E-17	1.53E-09	4.05E-12	2.83E-12	4.48E-11	2.79E-11	1.67E-10	2.64E-12	6.03E-11	8.23E-09	7.62E-10	9.81E-09
2777	NG_1473	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.357	2.78E-08	5.33E-08	2.25E-07	1.69E-09	1.51E-11	8.38E-07	8.91E-09	2.78E-09	5.44E-17	1.44E-09	3.82E-12	2.68E-12	4.23E-11	2.63E-11	1.58E-10	2.50E-12	5.70E-11	7.78E-09	7.20E-10	9.27E-09
2778	NG_1474	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.357	2.64E-08	5.07E-08	2.16E-07	1.59E-09	1.43E-11	7.93E-07	8.48E-09	2.65E-09	5.18E-17	1.37E-09	3.64E-12	2.55E-12	4.03E-11	2.51E-11	1.50E-10	2.38E-12	5.42E-11	7.40E-09	6.85E-10	8.82E-09
2779	NG_1475	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.357	2.51E-08	4.83E-08	2.06E-07	1.50E-09	1.36E-11	7.48E-07	8.07E-09	2.52E-09	4.92E-17	1.31E-09	3.46E-12	2.42E-12	3.83E-11	2.38E-11	1.43E-10	2.26E-12	5.16E-11	7.04E-09	6.51E-10	8.39E-09
2780	NG_1476	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.357	2.38E-08	4.58E-08	1.96E-07	1.41E-09	1.29E-11	7.01E-07	7.64E-09	2.38E-09	4.67E-17	1.24E-09	3.28E-12	2.30E-12	3.63E-11	2.26E-11	1.35E-10	2.14E-12	4.89E-11	6.67E-09	6.17E-10	7.95E-09
2781	NG_1477	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.407	1.94E-08	3.45E-08	1.27E-07	1.67E-09	1.05E-11	8.77E-07	6.21E-09	1.94E-09	3.79E-17	1.01E-09	2.68E-12	1.89E-12	2.95E-11	1.84E-11	1.10E-10	1.74E-12	3.97E-11	5.42E-09	5.02E-10	6.46E-09
2782	NG_1478	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.407	2.10E-08	3.74E-08	1.38E-07	1.78E-09	1.14E-11	9.25E-07	6.74E-09	2.10E-09	4.12E-17	1.09E-09	2.90E-12	2.05E-12	3.20E-11	1.99E-11	1.19E-10	1.89E-12	4.31E-11	5.88E-09	5.44E-10	7.01E-09
2783	NG_1479	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.407	2.30E-08	4.10E-08	1.52E-07	1.91E-09	1.25E-11	9.81E-07	7.37E-09	2.30E-09	4.50E-17	1.20E-09	3.17E-12	2.24E-12	3.50E-11	2.18E-11	1.30E-10	2.07E-12	4.71E-11	6.43E-09	5.95E-10	7.67E-09
2784	NG_1480	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.407	2.54E-08	4.54E-08	1.70E-07	2.09E-09	1.38E-11	1.05E-06	8.15E-09	2.54E-09	4.97E-17	1.32E-09	3.51E-12	2.48E-12	3.87E-11	2.41E-11	1.44E-10	2.28E-12	5.21E-11	7.11E-09	6.58E-10	8.47E-09
2785	NG_1481	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.407	2.82E-08	5.05E-08	1.90E-07	2.29E-09	1.53E-11	1.14E-06	9.04E-09	2.82E-09	5.52E-17	1.47E-09	3.90E-12	2.75E-12	4.29E-11	2.68E-11	1.60E-10	2.54E-12	5.78E-11	7.89E-09	7.30E-10	9.41E-09
2786	NG_1482	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.407	3.15E-08	5.68E-08	2.15E-07	2.54E-09	1.71E-11	1.24E-06	1.01E-08	3.16E-09	6.18E-17	1.64E-09	4.36E-12	3.08E-12	4.81E-11	3.00E-11	1.79E-10	2.84E-12	6.47E-11	8.84E-09	8.18E-10	1.05E-08
2787	NG_1483	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.407	3.55E-08	6.41E-08	2.45E-07	2.84E-09	1.93E-11	1.37E-06	1.14E-08	3.56E-09	6.96E-17	1.85E-09	4.91E-12	3.47E-12	5.41E-11	3.37E-11	2.02E-10	3.20E-12	7.28E-11	9.95E-09	9.20E-10	1.19E-08
2788	NG_1484	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.407	4.04E-08	7.33E-08	2.83E-07	3.21E-09	2.19E-11	1.52E-06	1.30E-08	4.04E-09	7.91E-17	2.10E-09	5.58E-12	3.94E-12	6.15E-11	3.83E-11	2.29E-10	3.63E-12	8.28E-11	1.13E-08	1.05E-09	1.35E-08
2789	NG_1485	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.407	4.58E-08	8.34E-08	3.25E-07	3.62E-09	2.49E-11	1.69E-06	1.47E-08	4.58E-09	8.97E-17	2.38E-09	6.33E-12	4.47E-12	6.97E-11	4.35E-11	2.60E-10	4.12E-12	9.39E-11	1.28E-08	1.19E-09	1.53E-08
2790	NG_1486	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.407	5.17E-08	9.48E-08	3.72E-07	4.07E-09	2.81E-11	1.87E-06	1.66E-08	5.18E-09	1.01E-16	2.69E-09	7.15E-12	5.05E-12	7.88E-11	4.91E-11	2.94E-10	4.66E-12	1.06E-10	1.45E-08	1.34E-09	1.73E-08
2791	NG_1487	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.407	5.74E-08	1.06E-07	4.17E-07	4.51E-09	3.12E-11	2.04E-06	1.84E-08	5.76E-09	1.13E-16	2.99E-09	7.94E-12	5.60E-12	8.76E-11	5.46E-11	3.27E-10	5.17E-12	1.18E-10	1.61E-08	1.49E-09	1.92E-08
2792	NG_1488	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.407	6.29E-08	1.16E-07	4.59E-07	4.96E-09	3.42E-11	2.20E-06	2.02E-08	6.30E-09	1.23E-16	3.27E-09	8.69E-12	6.13E-12	9.59E-11	5.97E-11	3.57E-10	5.66E-12	1.29E-10	1.76E-08	1.63E-09	2.10E-08
2793	NG_1489	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.407	6.72E-08	1.23E-07	4.89E-07	5.36E-09	3.65E-11	2.33E-06	2.16E-08	6.73E-09	1.32E-16	3.50E-09	9.28E-12	6.54E-12	1.02E-10	6.38E-11	3.82E-10	6.04E-12	1.38E-10	1.88E-08	1.74E-09	2.24E-08
2794	NG_1490	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.407	6.99E-08	1.28E-07	5.05E-07	5.68E-09	3.80E-11	2.42E-06	2.24E-08	7.00E-09	1.37E-16	3.64E-09	9.66E-12	6.80E-12	1.07E-10	6.64E-11	3.97E-10	6.29E-12	1.43E-10	1.96E-08	1.81E-09	2.33E-08
2795	NG_1491	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.407	7.07E-08	1.29E-07	5.04E-07	5.89E-09	3.84E-11	2.45E-06	2.27E-08	7.08E-09	1.39E-16	3.68E-09	9.76E-12	6.86E-12	1.08E-10	6.71E-11	4.02E-10	6.36E-12	1.45E-10	1.98E-08	1.83E-09	2.36E-08
2796	NG_1492	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.407	6.99E-08	1.27E-07	4.89E-07	5.96E-09	3.79E-11	2.42E-06	2.24E-08	7.00E-09	1.37E-16	3.64E-09	9.64E-12	6.78E-12	1.07E-10	6.63E-11	3.97E-10	6.29E-12	1.43E-10	1.96E-08	1.81E-09	2.33E-08
2797	NG_1493	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.407	6.82E-08	1.23E-07	4.71E-07	5.93E-09	3.71E-11	2.35E-06	2.19E-08	6.84E-09	1.34E-16	3.55E-09	9.42E-12	6.61E-12	1.04E-10	6.48E-11	3.88E-10	6.14E-12	1.40E-10	1.91E-08	1.77E-09	2.28E-08
2798	NG_1494	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.407	6.59E-08	1.18E-07	4.48E-07	5.76E-09	3.58E-11	2.23E-06	2.12E-08	6.60E-09	1.29E-16	3.43E-09	9.09E-12	6.38E-12	1.00E-10	6.25E-11	3.75E-10	5.93E-12	1.35E-10	1.85E-08	1.71E-09	2.20E-08
2799	NG_1495	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.407	6.34E-08	1.14E-07	4.29E-07	5.50E-09	3.44E-11	2.09E-06	2.04E-08	6.36E-09	1.24E-16	3.30E-09	8.75E-12	6.14E-12	9.67E-11	6.02E-11	3.61E-10	5.71E-12	1.30E-10	1.78E-08	1.64E-09	2.12E-08
2800	NG_1496	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.407	6.04E-08	1.08E-07	4.07E-07	5.13E-09	3.28E-11	1.92E-06	1.94E-08	6.05E-09	1.18E-16	3.14E-09	8.33E-12	5.85E-12	9.21E-11	5.73E-11	3.43E-10	5.43E-12	1.24E-10	1.69E-08	1.57E-09	2.02E-08
2801	NG_1497	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.407	5.73E-08	1.02E-07	3.86E-07	4.73E-09	3.11E-11	1.77E-06	1.84E-08	5.74E-09	1.12E-16	2.98E-09	7.90E-12	5.55E-12	8.73E-11	5.44E-11	3.26E-10	5.15E-12	1.18E-10	1.61E-08	1.49E-09	1.91E-08
2802	NG_1498	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.407	5.41E-08	9.68E-08	3.65E-07	4.31E-09	2.94E-11	1.62E-06	1.74E-08	5.42E-09	1.06E-16	2.82E-09	7.46E-12	5.24E-12	8.25E-11	5.13E-11	3.08E-10	4.87E-12	1.11E-10	1.52E-08	1.40E-09	1.81E-08
2803	NG_1499	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.407	5.12E-08	9.19E-08	3.48E-07	3.93E-09	2.78E-11	1.51E-06	1.64E-08	5.13E-09	1.00E-16	2.67E-09	7.06E-12	4.95E-12	7.81E-11	4.86E-11	2.91E-10	4.61E-12	1.05E-10	1.44E-08	1.33E-09	1.71E-08
2804	NG_1500	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.407	4.85E-08	8.73E-08	3.32E-07	3.58E-09	2.63E-11	1.41E-06	1.56E-08	4.86E-09	9.51E-17	2.52E-09	6.69E-12	4.69E-12	7.39E-11	4.60E-11	2.76E-10	4.36E-12	9.95E-11	1.36E-08	1.26E-09	1.62E-08
2805	NG_1501	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.407	4.62E-08	8.36E-08	3.21E-07	3.29E-09	2.51E-11	1.34E-06	1.49E-08	4.63E-09	9.07E-17	2.41E-09	6.38E-12	4.48E-12	7.05E-11	4.39E-11	2.63E-10	4.16E-12	9.49E-11	1.30E-08	1.20E-09	1.54E-08
2806	NG_1502	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.407	4.47E-08	8.13E-08	3.15E-07	3.08E-09	2.42E-11	1.31E-06	1.43E-08	4.47E-09	8.75E-17	2.32E-09	6.16E-12	4.33E-12	6.81E-11	4.24E-11	2.54E-10	4.02E-12	9.17E-11	1.25E-08	1.16E-09	1.49E-08
2807	NG_1503	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.407	4.35E-08	7.98E-08	3.13E-07	2.92E-09	2.36E-11	1.29E-06	1.40E-08	4.36E-09	8.52E-17	2.26E-09	6.00E-12	4.22E-12	6.63E-11	4.13E-11	2.47E-10	3.91E-12	8.92E-11	1.22E-08	1.13E-09	1.45E-08
2808	NG_1504	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.407	4.27E-08	7.91E-08	3.14E-07	2.81E-09	2.32E-11	1.28E-06	1.37E-08	4.28E-09	8.38E-17	2.22E-09	5.90E-12	4.15E-12	6.51E-11	4.06E-11	2.43E-10	3.85E-12	8.77E-11	1.20E-08	1.11E-09	1.43E-08
2809	NG_1505	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.407	4.20E-08	7.83E-08	3.15E-07	2.72E-09	2.28E-11	1.27E-06	1.35E-08	4.21E-09	8.23E-17	2.19E-09	5.80E-12	4.07E-12	6.40E-11	3.99E-11	2.39E-10	3.78E-12	8.62E-11	1.18E-08	1.09E-09	1.40E-08
2810	NG_1506	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.407	4.11E-08	7.71E-08	3.14E-07	2.63E-09	2.23E-11	1.26E-06	1.32E-08	4.11E-09	8.05E-17	2.14E-09	5.67E-12	3.98E-12	6.26E-11	3.90E-11	2.33E-10	3.69E-12	8.43E-11	1.15E-08	1.06E-09	1.37E-08
2811	NG_1507	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.407	3.99E-08	7.53E-08	3.09E-07	2.53E-09	2.16E-11	1.23E-06	1.28E-08	3.99E-09	7.82E-17	2.08E-09	5.50E-12	3.86E-12	6.08E-11	3.78E-11	2.27E-10	3.59E-12	8.18E-11	1.12E-08	1.03E-09	1.33E-08
2812	NG_1508	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.407	3.85E-08	7.31E-08	3.02E-07	2.43E-09	2.09E-11	1.19E-06	1.24E-08	3.86E-09	7.55E-17	2.00E-09	5.31E-12	3.73E-12	5.87E-11	3.65E-11	2.19E-10	3.46E-12	7.90E-11	1.08E-08	9.99E-10	1.29E-08
2813	NG_1509	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.407	3.68E-08	7.01E-08	2.92E-07	2.31E-09	2.00E-11	1.13E-06	1.18E-08	3.69E-09	7.21E-17	1.92E-09	5.07E-12	3.56E-12	5.61E-11	3.49E-11	2.09E-10	3.31E-12	7.55E-11	1.03E-08	9.54E-10	1.23E-08
2814	NG_1510	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.407	3.48E-08	6.65E-08	2.78E-07	2.17E-09	1.89E-11	1.06E-06	1.12E-08	3.49E-09	6.83E-17	1.81E-09	4.80E-12	3.37E-12	5.31E-11	3.31E-11	1.98E-10	3.13E-12	7.15E-11	9.76E-09	9.04E-10	1.16E-08
2815	NG_1511	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.407	3.31E-08	6.33E-08	2.66E-07	2.05E-09	1.80E-11	1.01E-06	1.06E-08	3.31E-09	6.48E-17	1.72E-09	4.56E-12	3.20E-12	5.04E-11	3.14E-11	1.88E-10	2.98E-12	6.79E-11	9.27E-09	8.58E-10	1.10E-08
2816	NG_1512	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.407	3.14E-08	6.02E-08	2.54E-07	1.94E-09	1.70E-11	9.55E-07	1.01E-08	3.15E-09	6.16E-17	1.64E-09	4.33E-12	3.03E-12	4.79E-11	2.98E-11	1.79E-10	2.83E-12	6.45E-11	8.80E-09	8.15E-10	1.05E-08
2817	NG_1513	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.407	2.98E-08	5.73E-08	2.43E-07	1.83E-09	1.62E-11	9.05E-07	9.58E-09	2.99E-09	5.85E-17	1.55E-09	4.11E-12	2.88E-12	4.55E-11	2.83E-11	1.70E-10	2.69E-12	6.13E-11	8.36E-09	7.74E-10	9.97E-09
2818	NG_1514	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.407	2.82E-08	5.42E-08	2.30E-07	1.72E-09	1.53E-11	8.50E-07	9.06E-09	2.83E-09	5.53E-17	1.47E-09	3.89E-12	2.72E-12	4.30E-11	2.68E-11	1.60E-10	2.54E-12	5.79E-11	7.91E-09	7.32E-10	9.42E-09
2819	NG_1515	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.407	2.67E-08	5.13E-08	2.19E-07	1.61E-09	1.45E-11	7.99E-07	8.56E-09	2.67E-09	5.23E-17	1.39E-09	3.67E-12	2.57E-12	4.07E-11	2.53E-11	1.52E-10	2.40E-12	5.48E-11	7.48E-09	6.92E-10	8.91E-09
2820	NG_1516	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.407	2.52E-08	4.84E-08	2.07E-07	1.51E-09	1.37E-11	7.47E-07	8.08E-09	2.52E-09	4.93E-17	1.31E-09	3.47E-12	2.43E-12	3.84E-11	2.39E-11	1.43E-10	2.26E-12	5.17E-11	7.05E-09	6.53E-10	8.41E-09
2821	NG_1517	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.407	2.39E-08	4.61E-08	1.97E-07	1.43E-09	1.30E-11	7.05E-07	7.68E-09	2.40E-09	4.69E-17	1.25E-09	3.30E-12	2.31E-12	3.65E-11	2.27E-11	1.36E-10	2.15E-12	4.91E-11	6.71E-09	6.21E-10	7.99E-09
2822	NG_1518	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.457	2.05E-08	3.66E-08	1.37E-07	1.62E-09	1.11E-11	8.45E-07	6.58E-09	2.05E-09	4.02E-17	1.07E-09	2.83E-12	2.00E-12	3.12E-11	1.95E-11	1.16E-10	1.84E-12	4.20E-11	5.74E-09	5.31E-10	6.84E-09
2823	NG_1519	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.457	2.23E-08	3.98E-08	1.50E-07	1.74E-09	1.21E-11	8.94E-07	7.15E-09	2.23E-09	4.36E-17	1.16E-09	3.08E-12	2.17E-12	3.39E-11	2.11E-11	1.26E-10	2.00E-12	4.57E-11	6.24E-09	5.77E-10	7.43E-09
2824	NG_1520	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.457	2.43E-08	4.36E-08	1.65E-07	1.88E-09	1.32E-11	9.50E-07	7.81E-09	2.44E-09	4.76E-17	1.27E-09	3.36E-12	2.37E-12	3.71E-11	2.31E-11	1.38E-10	2.19E-12	4.99E-11	6.81E-09	6.30E-10	8.12E-09
2825	NG_1521	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.457	2.69E-08	4.83E-08	1.84E-07	2.06E-09	1.46E-11	1.03E-06	8.62E-09	2.69E-09	5.26E-17	1.40E-09	3.71E-12	2.62E-12	4.09E-11	2.55E-11	1.53E-10	2.42E-12	5.51E-11	7.52E-09	6.96E-10	8.97E-09
2826	NG_1522	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.457	2.98E-08	5.38E-08	2.06E-07	2.28E-09	1.62E-11	1.12E-06	9.57E-09	2.99E-09	5.84E-17	1.55E-09	4.12E-12	2.91E-12	4.54E-11	2.83E-11	1.69E-10	2.68E-12	6.12E-11	8.35E-09	7.73E-10	9.95E-09
2827	NG_1523	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.457	3.31E-08	5.99E-08	2.31E-07	2.53E-09	1.80E-11	1.22E-06	1.06E-08	3.32E-09	6.49E-17	1.72E-09	4.58E-12	3.23E-12	5.05E-11	3.15E-11	1.88E-10	2.98E-12	6.79E-11	9.28E-09	8.59E-10	1.11E-08
2828	NG_1524	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.457	3.70E-08	6.70E-08	2.60E-07	2.83E-09	2.01E-11	1.34E-06	1.19E-08	3.70E-09	7.24E-17	1.92E-09	5.11E-12	3.61E-12	5.63E-11	3.51E-11	2.10E-10	3.33E-12	7.58E-11	1.04E-08	9.58E-10	1.23E-08
2829	NG_1525	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.457	4.16E-08	7.59E-08	2.97E-07	3.19E-09	2.26E-11	1.49E-06	1.34E-08	4.17E-09	8.16E-17	2.17E-09	5.76E-12	4.06E-12	6.34E-11	3.95E-11	2.37E-10	3.75E-12	8.54E-11	1.17E-08	1.08E-09	1.39E-08
2830	NG_1526	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.457	4.69E-08	8.58E-08	3.39E-07	3.59E-09	2.55E-11	1.65E-06	1.50E-08	4.69E-09	9.18E-17	2.44E-09	6.48E-12	4.57E-12	7.14E-11	4.45E-11	2.66E-10	4.22E-12	9.61E-11	1.31E-08	1.21E-09	1.56E-08
2831	NG_1527	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.457	5.22E-08	9.59E-08	3.81E-07	4.01E-09	2.84E-11	1.81E-06	1.68E-08	5.23E-09	1.02E-16	2.72E-09	7.21E-12	5.09E-12	7.96E-11	4.96E-11	2.97E-10	4.70E-12	1.07E-10	1.46E-08	1.35E-09	1.74E-08
2832	NG_1528	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.457	5.71E-08	1.05E-07	4.19E-07	4.41E-09	3.10E-11	1.95E-06	1.83E-08	5.72E-09	1.12E-16	2.97E-09	7.90E-12	5.57E-12	8.71E-11	5.43E-11	3.25E-10	5.14E-12	1.17E-10	1.60E-08	1.48E-09	1.91E-08
2833	NG_1529	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.457	6.15E-08	1.13E-07	4.50E-07	4.79E-09	3.34E-11	2.07E-06	1.97E-08	6.16E-09	1.21E-16	3.20E-09	8.50E-12	5.98E-12	9.37E-11	5.84E-11	3.49E-10	5.53E-12	1.26E-10	1.72E-08	1.59E-09	2.05E-08
2834	NG_1530	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.457	6.47E-08	1.19E-07	4.71E-07	5.12E-09	3.51E-11	2.15E-06	2.08E-08	6.48E-09	1.27E-16	3.37E-09	8.93E-12	6.29E-12	9.86E-11	6.14E-11	3.68E-10	5.82E-12	1.33E-10	1.81E-08	1.68E-09	2.16E-08
2835	NG_1531	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.457	6.66E-08	1.22E-07	4.80E-07	5.37E-09	3.61E-11	2.21E-06	2.14E-08	6.67E-09	1.30E-16	3.46E-09	9.19E-12	6.46E-12	1.01E-10	6.32E-11	3.78E-10	5.99E-12	1.37E-10	1.87E-08	1.73E-09	2.22E-08
2836	NG_1532	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.457	6.71E-08	1.22E-07	4.78E-07	5.54E-09	3.64E-11	2.22E-06	2.15E-08	6.72E-09	1.32E-16	3.49E-09	9.26E-12	6.51E-12	1.02E-10	6.37E-11	3.81E-10	6.04E-12	1.38E-10	1.88E-08	1.74E-09	2.24E-08
2837	NG_1533	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.457	6.62E-08	1.20E-07	4.64E-07	5.58E-09	3.59E-11	2.18E-06	2.13E-08	6.63E-09	1.30E-16	3.45E-09	9.13E-12	6.42E-12	1.01E-10	6.28E-11	3.76E-10	5.96E-12	1.36E-10	1.86E-08	1.72E-09	2.21E-08
2838	NG_1534	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.457	6.45E-08	1.16E-07	4.45E-07	5.52E-09	3.50E-11	2.10E-06	2.07E-08	6.46E-09	1.26E-16	3.36E-09	8.90E-12	6.25E-12	9.83E-11	6.12E-11	3.67E-10	5.80E-12	1.32E-10	1.81E-08	1.67E-09	2.15E-08
2839	NG_1535	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.457	6.26E-08	1.12E-07	4.27E-07	5.37E-09	3.40E-11	2.00E-06	2.01E-08	6.27E-09	1.23E-16	3.26E-09	8.63E-12	6.06E-12	9.54E-11	5.94E-11	3.56E-10	5.63E-12	1.28E-10	1.75E-08	1.62E-09	2.09E-08
2840	NG_1536	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.457	6.03E-08	1.08E-07	4.10E-07	5.13E-09	3.28E-11	1.89E-06	1.94E-08	6.05E-09	1.18E-16	3.14E-09	8.32E-12	5.84E-12	9.20E-11	5.73E-11	3.43E-10	5.43E-12	1.24E-10	1.69E-08	1.56E-09	2.02E-08

AQIA DATA - SCENARIO 1 COMMERCIAL

Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution

All Pollutants

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							1.62E-07	3.13E-07	1.05E-06	5.68E-08	8.79E-11	2.69E-05	5.19E-08	1.62E-08	3.17E-16	8.41E-09	2.24E-11	1.59E-11	2.46E-10	1.54E-10	9.18E-10	1.46E-11	3.31E-10	4.53E-08	4.19E-09	5.40E-08
Receptor ID of Maximum Offsite Concentration / Deposition Rate							NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837
Coordinates of Maximum Offsite Concentration/ Deposition Rate						X	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464
						Y	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607
2841	NG_1537	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.457	5.77E-08	1.03E-07	3.91E-07	4.81E-09	3.13E-11	1.75E-06	1.85E-08	5.78E-09	1.13E-16	3.00E-09	7.96E-12	5.59E-12	8.80E-11	5.48E-11	3.28E-10	5.19E-12	1.18E-10	1.62E-08	1.50E-09	1.93E-08
2842	NG_1538	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.457	5.49E-08	9.81E-08	3.71E-07	4.44E-09	2.98E-11	1.62E-06	1.76E-08	5.50E-09	1.08E-16	2.86E-09	7.57E-12	5.31E-12	8.36E-11	5.21E-11	3.12E-10	4.94E-12	1.13E-10	1.54E-08	1.42E-09	1.83E-08
2843	NG_1539	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.457	5.20E-08	9.31E-08	3.53E-07	4.07E-09	2.82E-11	1.50E-06	1.67E-08	5.21E-09	1.02E-16	2.71E-09	7.17E-12	5.03E-12	7.93E-11	4.94E-11	2.96E-10	4.68E-12	1.07E-10	1.46E-08	1.35E-09	1.74E-08
2844	NG_1540	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.457	4.93E-08	8.85E-08	3.36E-07	3.72E-09	2.68E-11	1.40E-06	1.58E-08	4.94E-09	9.67E-17	2.57E-09	6.80E-12	4.77E-12	7.52E-11	4.68E-11	2.80E-10	4.44E-12	1.01E-10	1.38E-08	1.28E-09	1.65E-08
2845	NG_1541	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.457	4.67E-08	8.41E-08	3.21E-07	3.41E-09	2.54E-11	1.31E-06	1.50E-08	4.68E-09	9.16E-17	2.43E-09	6.45E-12	4.52E-12	7.12E-11	4.44E-11	2.66E-10	4.21E-12	9.59E-11	1.31E-08	1.21E-09	1.56E-08
2846	NG_1542	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.457	4.44E-08	8.03E-08	3.08E-07	3.13E-09	2.41E-11	1.24E-06	1.43E-08	4.45E-09	8.71E-17	2.31E-09	6.13E-12	4.30E-12	6.78E-11	4.22E-11	2.53E-10	4.00E-12	9.12E-11	1.25E-08	1.15E-09	1.48E-08
2847	NG_1543	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.457	4.27E-08	7.76E-08	3.01E-07	2.92E-09	2.32E-11	1.20E-06	1.37E-08	4.28E-09	8.38E-17	2.22E-09	5.90E-12	4.14E-12	6.51E-11	4.06E-11	2.43E-10	3.85E-12	8.77E-11	1.20E-08	1.11E-09	1.43E-08
2848	NG_1544	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.457	4.16E-08	7.62E-08	2.98E-07	2.77E-09	2.26E-11	1.18E-06	1.34E-08	4.17E-09	8.16E-17	2.17E-09	5.74E-12	4.04E-12	6.34E-11	3.95E-11	2.37E-10	3.74E-12	8.54E-11	1.17E-08	1.08E-09	1.39E-08
2849	NG_1545	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.457	4.07E-08	7.51E-08	2.97E-07	2.65E-09	2.21E-11	1.17E-06	1.31E-08	4.08E-09	7.98E-17	2.12E-09	5.62E-12	3.95E-12	6.21E-11	3.87E-11	2.31E-10	3.66E-12	8.36E-11	1.14E-08	1.06E-09	1.36E-08
2850	NG_1546	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.457	3.98E-08	7.40E-08	2.96E-07	2.56E-09	2.16E-11	1.16E-06	1.28E-08	3.99E-09	7.81E-17	2.07E-09	5.50E-12	3.87E-12	6.08E-11	3.78E-11	2.27E-10	3.59E-12	8.18E-11	1.12E-08	1.03E-09	1.33E-08
2851	NG_1547	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.457	3.89E-08	7.28E-08	2.95E-07	2.48E-09	2.11E-11	1.14E-06	1.25E-08	3.90E-09	7.63E-17	2.03E-09	5.37E-12	3.78E-12	5.94E-11	3.70E-11	2.21E-10	3.50E-12	7.99E-11	1.09E-08	1.01E-09	1.30E-08
2852	NG_1548	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.457	3.81E-08	7.19E-08	2.94E-07	2.41E-09	2.07E-11	1.13E-06	1.23E-08	3.82E-09	7.48E-17	1.99E-09	5.26E-12	3.70E-12	5.82E-11	3.62E-11	2.17E-10	3.43E-12	7.83E-11	1.07E-08	9.89E-10	1.27E-08
2853	NG_1549	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.457	3.72E-08	7.05E-08	2.91E-07	2.34E-09	2.02E-11	1.11E-06	1.19E-08	3.73E-09	7.29E-17	1.94E-09	5.13E-12	3.60E-12	5.67E-11	3.53E-11	2.11E-10	3.35E-12	7.63E-11	1.04E-08	9.65E-10	1.24E-08
2854	NG_1550	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.457	3.59E-08	6.84E-08	2.84E-07	2.25E-09	1.95E-11	1.08E-06	1.15E-08	3.60E-09	7.05E-17	1.87E-09	4.96E-12	3.48E-12	5.48E-11	3.41E-11	2.04E-10	3.23E-12	7.38E-11	1.01E-08	9.32E-10	1.20E-08
2855	NG_1551	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.457	3.43E-08	6.55E-08	2.74E-07	2.14E-09	1.86E-11	1.03E-06	1.10E-08	3.44E-09	6.72E-17	1.79E-09	4.73E-12	3.32E-12	5.23E-11	3.25E-11	1.95E-10	3.09E-12	7.04E-11	9.61E-09	8.89E-10	1.15E-08
2856	NG_1552	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.457	3.27E-08	6.25E-08	2.63E-07	2.03E-09	1.77E-11	9.82E-07	1.05E-08	3.28E-09	6.41E-17	1.70E-09	4.51E-12	3.16E-12	4.98E-11	3.10E-11	1.86E-10	2.94E-12	6.71E-11	9.16E-09	8.48E-10	1.09E-08
2857	NG_1553	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.457	3.13E-08	6.00E-08	2.54E-07	1.93E-09	1.70E-11	9.43E-07	1.00E-08	3.14E-09	6.13E-17	1.63E-09	4.31E-12	3.02E-12	4.77E-11	2.97E-11	1.78E-10	2.82E-12	6.42E-11	8.77E-09	8.12E-10	1.05E-08
2858	NG_1554	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.457	2.99E-08	5.76E-08	2.44E-07	1.84E-09	1.62E-11	9.04E-07	9.61E-09	3.00E-09	5.87E-17	1.56E-09	4.13E-12	2.89E-12	4.56E-11	2.84E-11	1.70E-10	2.69E-12	6.14E-11	8.39E-09	7.76E-10	1.00E-08
2859	NG_1555	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.457	2.85E-08	5.49E-08	2.34E-07	1.74E-09	1.55E-11	8.60E-07	9.15E-09	2.85E-09	5.59E-17	1.48E-09	3.93E-12	2.75E-12	4.34E-11	2.70E-11	1.62E-10	2.56E-12	5.85E-11	7.98E-09	7.39E-10	9.51E-09
2860	NG_1556	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.457	2.68E-08	5.16E-08	2.21E-07	1.63E-09	1.45E-11	8.03E-07	8.61E-09	2.69E-09	5.26E-17	1.40E-09	3.69E-12	2.59E-12	4.09E-11	2.54E-11	1.52E-10	2.41E-12	5.50E-11	7.51E-09	6.95E-10	8.95E-09
2861	NG_1557	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.457	2.52E-08	4.86E-08	2.08E-07	1.52E-09	1.37E-11	7.49E-07	8.10E-09	2.53E-09	4.95E-17	1.31E-09	3.48E-12	2.44E-12	3.85E-11	2.39E-11	1.43E-10	2.27E-12	5.18E-11	7.07E-09	6.55E-10	8.43E-09
2862	NG_1558	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.457	2.39E-08	4.60E-08	1.97E-07	1.43E-09	1.30E-11	7.03E-07	7.67E-09	2.39E-09	4.68E-17	1.24E-09	3.29E-12	2.31E-12	3.64E-11	2.27E-11	1.36E-10	2.15E-12	4.90E-11	6.69E-09	6.19E-10	7.98E-09
2863	NG_1559	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.507	2.16E-08	3.86E-08	1.47E-07	1.58E-09	1.17E-11	8.15E-07	6.92E-09	2.16E-09	4.22E-17	1.12E-09	2.98E-12	2.10E-12	3.29E-11	2.05E-11	1.22E-10	1.94E-12	4.42E-11	6.04E-09	5.59E-10	7.20E-09
2864	NG_1560	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.507	2.35E-08	4.20E-08	1.61E-07	1.71E-09	1.27E-11	8.66E-07	7.52E-09	2.35E-09	4.59E-17	1.22E-09	3.24E-12	2.28E-12	3.57E-11	2.22E-11	1.33E-10	2.11E-12	4.80E-11	6.56E-09	6.07E-10	7.82E-09
2865	NG_1561	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.507	2.56E-08	4.60E-08	1.77E-07	1.86E-09	1.39E-11	9.25E-07	8.20E-09	2.56E-09	5.01E-17	1.33E-09	3.53E-12	2.49E-12	3.89E-11	2.43E-11	1.45E-10	2.30E-12	5.24E-11	7.16E-09	6.62E-10	8.53E-09
2866	NG_1562	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.507	2.81E-08	5.07E-08	1.97E-07	2.04E-09	1.53E-11	1.00E-06	9.02E-09	2.82E-09	5.51E-17	1.46E-09	3.89E-12	2.74E-12	4.28E-11	2.67E-11	1.60E-10	2.53E-12	5.77E-11	7.87E-09	7.29E-10	9.38E-09
2867	NG_1563	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.507	3.12E-08	5.64E-08	2.20E-07	2.27E-09	1.69E-11	1.10E-06	1.00E-08	3.12E-09	6.10E-17	1.62E-09	4.31E-12	3.04E-12	4.75E-11	2.96E-11	1.77E-10	2.80E-12	6.39E-11	8.73E-09	8.07E-10	1.04E-08
2868	NG_1564	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.507	3.44E-08	6.24E-08	2.44E-07	2.52E-09	1.87E-11	1.19E-06	1.10E-08	3.44E-09	6.73E-17	1.79E-09	4.75E-12	3.35E-12	5.23E-11	3.26E-11	1.95E-10	3.09E-12	7.04E-11	9.62E-09	8.90E-10	1.15E-08
2869	NG_1565	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.507	3.80E-08	6.93E-08	2.73E-07	2.81E-09	2.07E-11	1.30E-06	1.22E-08	3.81E-09	7.45E-17	1.98E-09	5.26E-12	3.71E-12	5.80E-11	3.61E-11	2.16E-10	3.42E-12	7.80E-11	1.07E-08	9.86E-10	1.27E-08
2870	NG_1566	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.507	4.26E-08	7.79E-08	3.09E-07	3.16E-09	2.31E-11	1.45E-06	1.37E-08	4.26E-09	8.34E-17	2.21E-09	5.88E-12	4.15E-12	6.48E-11	4.04E-11	2.42E-10	3.83E-12	8.73E-11	1.19E-08	1.10E-09	1.42E-08
2871	NG_1567	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.507	4.74E-08	8.71E-08	3.48E-07	3.55E-09	2.57E-11	1.60E-06	1.52E-08	4.75E-09	9.29E-17	2.47E-09	6.55E-12	4.62E-12	7.22E-11	4.50E-11	2.69E-10	4.26E-12	9.72E-11	1.33E-08	1.23E-09	1.58E-08
2872	NG_1568	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.507	5.19E-08	9.55E-08	3.83E-07	3.92E-09	2.82E-11	1.73E-06	1.67E-08	5.20E-09	1.02E-16	2.70E-09	7.17E-12	5.06E-12	7.91E-11	4.93E-11	2.95E-10	4.67E-12	1.06E-10	1.45E-08	1.35E-09	1.73E-08
2873	NG_1569	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.507	5.60E-08	1.03E-07	4.12E-07	4.27E-09	3.04E-11	1.84E-06	1.80E-08	5.61E-09	1.10E-16	2.91E-09	7.73E-12	5.45E-12	8.53E-11	5.31E-11	3.18E-10	5.04E-12	1.15E-10	1.57E-08	1.45E-09	1.87E-08
2874	NG_1570	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.507	5.96E-08	1.10E-07	4.39E-07	4.61E-09	3.24E-11	1.94E-06	1.91E-08	5.97E-09	1.17E-16	3.10E-09	8.24E-12	5.80E-12	9.09E-11	5.66E-11	3.39E-10	5.37E-12	1.22E-10	1.67E-08	1.55E-09	1.99E-08
2875	NG_1571	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.507	6.21E-08	1.14E-07	4.54E-07	4.89E-09	3.37E-11	2.01E-06	2.00E-08	6.23E-09	1.22E-16	3.23E-09	8.58E-12	6.04E-12	9.47E-11	5.90E-11	3.53E-10	5.59E-12	1.28E-10	1.74E-08	1.61E-09	2.08E-08
2876	NG_1572	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.507	6.35E-08	1.16E-07	4.59E-07	5.10E-09	3.45E-11	2.04E-06	2.04E-08	6.36E-09	1.25E-16	3.31E-09	8.77E-12	6.17E-12	9.68E-11	6.03E-11	3.61E-10	5.72E-12	1.30E-10	1.78E-08	1.65E-09	2.12E-08
2877	NG_1573	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.507	6.36E-08	1.16E-07	4.54E-07	5.22E-09	3.46E-11	2.03E-06	2.04E-08	6.38E-09	1.25E-16	3.31E-09	8.78E-12	6.17E-12	9.70E-11	6.04E-11	3.62E-10	5.73E-12	1.31E-10	1.78E-08	1.65E-09	2.13E-08
2878	NG_1574	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.507	6.26E-08	1.13E-07	4.40E-07	5.23E-09	3.40E-11	1.98E-06	2.01E-08	6.28E-09	1.23E-16	3.26E-09	8.64E-12	6.07E-12	9.55E-11	5.95E-11	3.56E-10	5.64E-12	1.29E-10	1.76E-08	1.62E-09	2.09E-08
2879	NG_1575	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.507	6.12E-08	1.10E-07	4.24E-07	5.17E-09	3.32E-11	1.90E-06	1.96E-08	6.13E-09	1.20E-16	3.18E-09	8.44E-12	5.92E-12	9.32E-11	5.81E-11	3.48E-10	5.50E-12	1.26E-10	1.71E-08	1.59E-09	2.04E-08
2880	NG_1576	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.507	5.96E-08	1.07E-07	4.09E-07	5.03E-09	3.23E-11	1.83E-06	1.91E-08	5.97E-09	1.17E-16	3.10E-09	8.22E-12	5.77E-12	9.08E-11	5.65E-11	3.39E-10	5.36E-12	1.22E-10	1.67E-08	1.54E-09	1.99E-08
2881	NG_1577	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.507	5.76E-08	1.03E-07	3.94E-07	4.82E-09	3.12E-11	1.73E-06	1.85E-08	5.77E-09	1.13E-16	3.00E-09	7.94E-12	5.57E-12	8.78E-11	5.46E-11	3.27E-10	5.18E-12	1.18E-10	1.61E-08	1.49E-09	1.92E-08
2882	NG_1578	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.507	5.49E-08	9.83E-08	3.74E-07	4.51E-09	2.98E-11	1.60E-06	1.76E-08	5.50E-09	1.08E-16	2.86E-09	7.58E-12	5.32E-12	8.37E-11	5.21E-11	3.12E-10	4.94E-12	1.13E-10	1.54E-08	1.42E-09	1.83E-08
2883	NG_1579	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.507	5.23E-08	9.37E-08	3.56E-07	4.18E-09	2.84E-11	1.49E-06	1.68E-08	5.24E-09	1.03E-16	2.72E-09	7.22E-12	5.07E-12	7.98E-11	4.97E-11	2.98E-10	4.71E-12	1.07E-10	1.47E-08	1.36E-09	1.75E-08
2884	NG_1580	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.507	4.98E-08	8.92E-08	3.39E-07	3.85E-09	2.70E-11	1.38E-06	1.60E-08	4.99E-09	9.76E-17	2.59E-09	6.87E-12	4.82E-12	7.59E-11	4.72E-11	2.83E-10	4.48E-12	1.02E-10	1.40E-08	1.29E-09	1.66E-08
2885	NG_1581	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.507	4.73E-08	8.49E-08	3.24E-07	3.54E-09	2.57E-11	1.30E-06	1.52E-08	4.74E-09	9.27E-17	2.46E-09	6.52E-12	4.57E-12	7.21E-11	4.49E-11	2.69E-10	4.25E-12	9.70E-11	1.33E-08	1.23E-09	1.58E-08
2886	NG_1582	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.507	4.49E-08	8.08E-08	3.10E-07	3.25E-09	2.44E-11	1.22E-06	1.44E-08	4.50E-09	8.80E-17	2.34E-09	6.19E-12	4.34E-12	6.84E-11	4.26E-11	2.55E-10	4.04E-12	9.22E-11	1.26E-08	1.16E-09	1.50E-08
2887	NG_1583	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.507	4.26E-08	7.70E-08	2.96E-07	2.99E-09	2.31E-11	1.15E-06	1.37E-08	4.27E-09	8.36E-17	2.22E-09	5.88E-12	4.13E-12	6.50E-11	4.05E-11	2.42E-10	3.84E-12	8.75E-11	1.19E-08	1.11E-09	1.42E-08
2888	NG_1584	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.507	4.08E-08	7.41E-08	2.87E-07	2.78E-09	2.22E-11	1.11E-06	1.31E-08	4.09E-09	8.01E-17	2.13E-09	5.63E-12	3.96E-12	6.23E-11	3.88E-11	2.32E-10	3.68E-12	8.38E-11	1.14E-08	1.06E-09	1.36E-08
2889	NG_1585	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.507	3.96E-08	7.23E-08	2.83E-07	2.63E-09	2.15E-11	1.09E-06	1.27E-08	3.97E-09	7.77E-17	2.06E-09	5.47E-12	3.84E-12	6.04E-11	3.76E-11	2.25E-10	3.56E-12	8.13E-11	1.11E-08	1.03E-09	1.32E-08
2890	NG_1586	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.507	3.87E-08	7.12E-08	2.81E-07	2.52E-09	2.10E-11	1.08E-06	1.24E-08	3.88E-09	7.59E-17	2.02E-09	5.35E-12	3.76E-12	5.90E-11	3.68E-11	2.20E-10	3.48E-12	7.95E-11	1.09E-08	1.00E-09	1.29E-08
2891	NG_1587	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.507	3.78E-08	7.01E-08	2.80E-07	2.42E-09	2.05E-11	1.06E-06	1.21E-08	3.79E-09	7.42E-17	1.97E-09	5.22E-12	3.67E-12	5.77E-11	3.59E-11	2.15E-10	3.40E-12	7.76E-11	1.06E-08	9.81E-10	1.26E-08
2892	NG_1588	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.507	3.70E-08	6.90E-08	2.78E-07	2.35E-09	2.01E-11	1.05E-06	1.19E-08	3.71E-09	7.26E-17	1.93E-09	5.11E-12	3.59E-12	5.64E-11	3.51E-11	2.10E-10	3.33E-12	7.60E-11	1.04E-08	9.60E-10	1.24E-08
2893	NG_1589	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.507	3.64E-08	6.84E-08	2.79E-07	2.29E-09	1.98E-11	1.05E-06	1.17E-08	3.65E-09	7.14E-17	1.90E-09	5.03E-12	3.53E-12	5.55E-11	3.46E-11	2.07E-10	3.28E-12	7.48E-11	1.02E-08	9.45E-10	1.22E-08
2894	NG_1590	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.507	3.57E-08	6.75E-08	2.78E-07	2.24E-09	1.94E-11	1.04E-06	1.15E-08	3.58E-09	7.00E-17	1.86E-09	4.93E-12	3.46E-12	5.44E-11	3.39E-11	2.03E-10	3.21E-12	7.33E-11	1.00E-08	9.26E-10	1.19E-08
2895	NG_1591	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.507	3.49E-08	6.63E-08	2.76E-07	2.18E-09	1.89E-11	1.03E-06	1.12E-08	3.49E-09	6.84E-17	1.82E-09	4.81E-12	3.38E-12	5.32E-11	3.31E-11	1.98E-10	3.14E-12	7.16E-11	9.77E-09	9.04E-10	1.16E-08
2896	NG_1592	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.507	3.35E-08	6.40E-08	2.68E-07	2.09E-09	1.82E-11	9.95E-07	1.08E-08	3.36E-09	6.58E-17	1.75E-09	4.63E-12	3.25E-12	5.11E-11	3.18E-11	1.91E-10	3.02E-12	6.88E-11	9.40E-09	8.70E-10	1.12E-08
2897	NG_1593	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.507	3.21E-08	6.15E-08	2.58E-07	2.00E-09	1.74E-11	9.55E-07	1.03E-08	3.22E-09	6.30E-17	1.67E-09	4.43E-12	3.11E-12	4.90E-11	3.05E-11	1.83E-10	2.89E-12	6.60E-11	9.01E-09	8.34E-10	1.07E-08
2898	NG_1594	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.507	3.08E-08	5.90E-08	2.49E-07	1.90E-09	1.67E-11	9.17E-07	9.88E-09	3.08E-09	6.03E-17	1.60E-09	4.24E-12	2.98E-12	4.69E-11	2.92E-11	1.75E-10	2.77E-12	6.32E-11	8.63E-09	7.98E-10	1.03E-08
2899	NG_1595	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.507	2.95E-08	5.68E-08	2.41E-07	1.82E-09	1.60E-11	8.84E-07	9.48E-09	2.96E-09	5.79E-17	1.54E-09	4.07E-12	2.85E-12	4.50E-11	2.80E-11	1.68E-10	2.66E-12	6.06E-11	8.28E-09	7.66E-10	9.86E-09
2900	NG_1596	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.507	2.82E-08	5.43E-08	2.32E-07	1.73E-09	1.53E-11	8.45E-07	9.05E-09	2.82E-09	5.52E-17	1.47E-09	3.88E-12	2.72E-12	4.30E-11	2.67E-11	1.60E-10	2.54E-12	5.78E-11	7.90E-09	7.31E-10	9.41E-09
2901	NG_1597	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.507	2.67E-08	5.15E-08	2.20E-07	1.63E-09	1.45E-11	7.97E-07	8.57E-09	2.67E-09	5.23E-17	1.39E-09	3.68E-12	2.58E-12	4.07E-11	2.53E-11	1.52E-10	2.40E-12	5.48E-11	7.48E-09	6.92E-10	8.91E-09
2902	NG_1598	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.507	2.52E-08	4.85E-08	2.08E-07	1.53E-09	1.37E-11	7.46E-07	8.08E-09	2.52E-09	4.93E-17	1.31E-09	3.47E-12	2.43E-12	3.83E-11	2.39E-11	1.43E-10	2.26E-12	5.16E-11	7.05E-09	6.52E-10	8.40E-09
2903	NG_1599	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.507	2.37E-08	4.56E-08	1.96E-07	1.43E-09	1.28E-11	6.95E-07	7.60E-09	2.37E-09	4.64E-17	1.23E-09	3.26E-12	2.29E-12	3.61E-11	2.25E-11	1.35E-10	2.13E-12	4.86E-11	6.63E-09	6.14E-10	7.91E-09
2904	NG_1600	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.557	2.24E-08	4.02E-08	1.55E-07	1.54E-09	1.22E-11	7.82E-07	7.19E-09	2.24E-09	4.39E-17	1.17E-09	3.09E-12	2.18E-12	3.41E-11	2.13E-11	1.27E-10	2.01E-12	4.59E-11	6.27E-09	5.80E-10	7.48E-09
2905	NG_1601	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.557	2.44E-08	4.39E-08	1.70E-07	1.68E-09	1.32E-11	8.37E-07	7.82E-09	2.44E-09	4.77E-17	1.27E-09	3.37E-12	2.37E-12	3.71E-11	2.31E-11	1.38E-10	2.19E-12	5.00E-11	6.82E-09	6.31E-10	8.13E-09
2906	NG_1602	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.557	2.66E-08	4.79E-08	1.87E-07	1.84E-09	1.44E-11	8.98E-07	8.52E-09	2.66E-09	5.20E-17	1.38E-09	3.67E-12	2.59E-12	4.04E-11	2.52E-11	1.51E-10	2.39E-12	5.44E-11	7.43E-09	6.88E-10	8.86E-09
2907	NG_1603	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.557	2.91E-08	5.27E-08	2.07E-07	2.02E-09	1.58E-11	9.74E-07	9.34E-09	2.91E-09	5.70E-17	1.51E-09	4.02E-12	2.84E-12	4.43E-11	2.76E-11	1.65E-10	2.62E-12	5.97E-11	8.15E-09	7.54E-10	9.71E-09
2908	NG_1604	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.557	3.21E-08	5.83E-08	2.30E-07	2.25E-09	1.74E-11	1.07E-06	1.03E-08	3.21E-09	6.28E-17	1.67E-09	4.43E-12	3.13E-12	4.89E-11	3.04E-11	1.82E-10	2.89E-12	6.58E-11	8.98E-09	8.31E-10	1.07E-08
2909	NG_1605	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.557	3.53E-08	6.44E-08	2.55E-07	2.51E-09	1.92E-11	1.16E-06	1.13E-08	3.54E-09	6.92E-17	1.84E-09	4.88E-12	3.44E-12	5.38E-11	3.35E-11	2.01E-10	3.18E-12	7.24E-11	9.89E-09	9.15E-10	1.18E-08
2910	NG_1606	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.557	3.88E-08	7.09E-08	2.83E-07	2.79E-09	2.11E-11	1.27E-06	1.25E-08	3.89E-09	7.60E-17	2.02E-09	5.36E-12	3.78E-12	5.91E-11	3.68E-11	2.20E-10	3.49E-12	7.96E-11	1.09E-08	1.01E-09	1.30E-08
2911	NG_1607	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.557	4.29E-08	7.87E-08	3.15E-07	3.12E-09	2.33E-11	1.40E-06	1.38E-08	4.29E-09	8.40E-17	2.23E-09	5.92E-12	4.18E-12	6.53E-11	4.07E-11	2.44E-10	3.86E-12	8.79E-11	1.20E-08	1.11E-09	1.43E-08
2912	NG_1608	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.557	4.70E-08	8.66E-08	3.48E-07	3.46E-09	2.55E-11	1.52E-06	1.51E-08	4.71E-09	9.22E-17	2.45E-09	6.50E-12	4.58E-12	7.17E-11	4.47E-11	2.67E-10	4.23E-12	9.65E-11	1.32E-08	1.22E-09	1.57E-08
2913	NG_1609	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.557	5.10E-08	9.39E-08	3.78E-07	3.80E-09	2.77E-11	1.64E-06	1.64E-08	5.11E-09	9.99E-17	2.65E-09	7.04E-12	4.96E-12	7.77E-11	4.84E-11	2.90E-10	4.59E-12	1.05E-10	1.43E-08	1.32E-09	1.70E-08
2914	NG_1610	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.557	5.44E-08	1.00E-07	4.03E-07	4.11E-09	2.95E-11	1.73E-06	1.75E-08	5.45E-09	1.07E-16	2.83E-09	7.51E-12	5.29E-12	8.28E-11	5.16E-11	3.09E-10	4.89E-12	1.12E-10	1.52E-08	1.41E-09	1.81E-08
2915	NG_1611	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.557	5.73E-08	1.05E-07	4.23E-07	4.40E-09	3.11E-11	1.81E-06	1.84E-08	5.74E-09	1.12E-16	2.98E-09	7.91E-12	5.57E-12	8.73E-11	5.44E-11	3.25E-10	5.15E-12	1.18E-10	1.60E-08	1.49E-09	1.91E-08
2916	NG_1612	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.557	5.91E-08	1.08E-07	4.32E-07	4.64E-09	3.21E-11	1.85E-06	1.90E-08	5.92E-09	1.16E-16	3.08E-09	8.16E-12	5.74E-12	9.01E-11	5.61E-11	3.36E-10	5.32E-12	1.21E-10	1.66E-08	1.53E-09	1.97E-08
2917	NG_1613	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.557	6.01E-08	1.10E-07	4.35E-07	4.81E-09	3.26E-11	1.87E-06	1.93E-08	6.02E-09	1.18E-16	3.13E-09	8.29E-12	5.83E-12	9.16E-11	5.70E-11	3.41E-10	5.41E-12	1.23E-10	1.68E-08	1.56E-09	2.01E-08
2918	NG_1614	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.557	6.01E-08	1.09E-07	4.30E-07	4.91E-09	3.26E-11	1.86E-06	1.93E-08	6.02E-09	1.18E-16	3.13E-09	8.29E-12	5.82E-12	9.16E-11	5.70E-11	3.42E-10	5.41E-12	1.23E-10	1.68E-08	1.56E-09	2.01E-08
2919	NG_1615	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.557	5.92E-08	1.07E-07	4.18E-07	4.91E-09	3.21E-11	1.81E-06	1.90E-08	5.93E-09	1.16E-16	3.08E-09	8.17E-12	5.73E-12	9.03E-11	5.62E-11	3.37E-10	5.33E-12	1.22E-10	1.66E-08	1.54E-09	1.98E-08
2920	NG_1616	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.557	5.78E-08	1.04E-07	4.03E-07	4.84E-09	3.14E-11	1.74E-06	1.86E-08	5.80E-09	1.13E-16	3.01E-09	7.98E-12	5.60E-12	8.82E-11	5.49E-11	3.29E-10	5.20E-12	1.19E-10	1.62E-08	1.50E-09	1.93E-08
2921	NG_1617	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.557	5.63E-08	1.01E-07	3.89E-07	4.71E-09	3.06E-11	1.67E-06	1.81E-08	5.65E-09	1.10E-16	2.93E-09	7.77E-12	5.45E-12	8.59E-11	5.35E-11	3.20E-10	5.07E-12	1.16E-10	1.58E-08	1.46E-09	1.88E-08
2922	NG_1618	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.557	5.45E-08	9.79E-08	3.75E-07	4.51E-09	2.96E-11	1.58E-06	1.75E-08	5.46E-09	1.07E-16	2.84E-09	7.52E-12	5.28E-12	8.31E-11	5.17E-11	3.10E-10	4.91E-12	1.12E-10	1.53E-08	1.41E-09	1.82E-08
2923	NG_1619	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.557	5.22E-08	9.36E-08	3.58E-07	4.24E-09	2.83E-11	1.48E-06	1.68E-08	5.23E-09	1.02E-16	2.72E-09	7.20E-12	5.05E-12	7.96E-11	4.95E-11	2.97E-10	4.70E-12	1.07E-10	1.46E-08	1.35E-09	1.74E-08
2924	NG_1620	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.557	4.99E-08	8.94E-08	3.42E-07	3.95E-09	2.71E-11	1.38E-06	1.60E-08	5.00E-09	9.78E-17	2.60E-09	6.88E-12	4.83E-12	7.61E-11	4.74E-11	2.84E-10	4.49E-12	1.02E-10	1.40E-08	1.29E-09	1.67E-08
2925	NG_1621	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.557	4.75E-08	8.53E-08	3.26E-07	3.65E-09	2.58E-11	1.29E-06	1.53E-08	4.76E-09	9.32E-17	2.47E-09	6.55E-12	4.60E-12	7.24E-11	4.51E-11	2.70E-10	4.28E-12	9.75E-11	1.33E-08	1.23E-09	1.59E-08

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 1 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							1.62E-07	3.13E-07	1.05E-06	5.68E-08	8.79E-11	2.69E-05	5.19E-08	1.62E-08	3.17E-16	8.41E-09	2.24E-11	1.59E-11	2.46E-10	1.54E-10	9.18E-10	1.46E-11	3.31E-10	4.53E-08	4.19E-09	5.40E-08
Receptor ID of Maximum Offsite Concentration / Deposition Rate							NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837
Coordinates of Maximum Offsite Concentration/ Deposition Rate						X	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464
						Y	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607
2926	NG_1622	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.557	4.51E-08	8.11E-08	3.11E-07	3.36E-09	2.45E-11	1.21E-06	1.45E-08	4.52E-09	8.85E-17	2.35E-09	6.22E-12	4.37E-12	6.88E-11	4.28E-11	2.57E-10	4.06E-12	9.27E-11	1.27E-08	1.17E-09	1.51E-08
2927	NG_1623	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.557	4.29E-08	7.72E-08	2.97E-07	3.09E-09	2.33E-11	1.14E-06	1.38E-08	4.30E-09	8.41E-17	2.23E-09	5.91E-12	4.15E-12	6.54E-11	4.07E-11	2.44E-10	3.86E-12	8.80E-11	1.20E-08	1.11E-09	1.43E-08
2928	NG_1624	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.557	4.07E-08	7.35E-08	2.83E-07	2.85E-09	2.21E-11	1.08E-06	1.31E-08	4.08E-09	7.98E-17	2.12E-09	5.62E-12	3.94E-12	6.21E-11	3.86E-11	2.31E-10	3.66E-12	8.36E-11	1.14E-08	1.06E-09	1.36E-08
2929	NG_1625	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.557	3.89E-08	7.05E-08	2.73E-07	2.65E-09	2.11E-11	1.03E-06	1.25E-08	3.90E-09	7.63E-17	2.03E-09	5.37E-12	3.77E-12	5.93E-11	3.69E-11	2.21E-10	3.50E-12	7.99E-11	1.09E-08	1.01E-09	1.30E-08
2930	NG_1626	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.557	3.76E-08	6.86E-08	2.68E-07	2.50E-09	2.04E-11	1.01E-06	1.21E-08	3.77E-09	7.38E-17	1.96E-09	5.19E-12	3.65E-12	5.74E-11	3.57E-11	2.14E-10	3.39E-12	7.72E-11	1.05E-08	9.76E-10	1.26E-08
2931	NG_1627	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.557	3.67E-08	6.74E-08	2.66E-07	2.39E-09	1.99E-11	9.96E-07	1.18E-08	3.68E-09	7.20E-17	1.91E-09	5.07E-12	3.56E-12	5.60E-11	3.49E-11	2.09E-10	3.30E-12	7.53E-11	1.03E-08	9.52E-10	1.23E-08
2932	NG_1628	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.557	3.59E-08	6.63E-08	2.64E-07	2.30E-09	1.95E-11	9.86E-07	1.15E-08	3.60E-09	7.04E-17	1.87E-09	4.96E-12	3.49E-12	5.47E-11	3.41E-11	2.04E-10	3.23E-12	7.37E-11	1.01E-08	9.31E-10	1.20E-08
2933	NG_1629	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.557	3.53E-08	6.56E-08	2.64E-07	2.24E-09	1.92E-11	9.82E-07	1.13E-08	3.53E-09	6.91E-17	1.84E-09	4.87E-12	3.42E-12	5.38E-11	3.35E-11	2.00E-10	3.17E-12	7.24E-11	9.88E-09	9.15E-10	1.18E-08
2934	NG_1630	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.557	3.48E-08	6.53E-08	2.66E-07	2.19E-09	1.89E-11	9.87E-07	1.12E-08	3.49E-09	6.83E-17	1.81E-09	4.81E-12	3.38E-12	5.31E-11	3.31E-11	1.98E-10	3.13E-12	7.15E-11	9.76E-09	9.03E-10	1.16E-08
2935	NG_1631	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.557	3.42E-08	6.46E-08	2.66E-07	2.15E-09	1.86E-11	9.84E-07	1.10E-08	3.43E-09	6.71E-17	1.78E-09	4.73E-12	3.32E-12	5.22E-11	3.25E-11	1.95E-10	3.08E-12	7.03E-11	9.60E-09	8.88E-10	1.14E-08
2936	NG_1632	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.557	3.35E-08	6.36E-08	2.64E-07	2.10E-09	1.82E-11	9.76E-07	1.08E-08	3.36E-09	6.57E-17	1.75E-09	4.63E-12	3.25E-12	5.11E-11	3.18E-11	1.91E-10	3.02E-12	6.88E-11	9.40E-09	8.70E-10	1.12E-08
2937	NG_1633	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.557	3.25E-08	6.19E-08	2.59E-07	2.03E-09	1.76E-11	9.51E-07	1.04E-08	3.25E-09	6.37E-17	1.69E-09	4.48E-12	3.14E-12	4.95E-11	3.08E-11	1.85E-10	2.92E-12	6.67E-11	9.10E-09	8.42E-10	1.08E-08
2938	NG_1634	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.557	3.13E-08	5.98E-08	2.51E-07	1.95E-09	1.70E-11	9.19E-07	1.00E-08	3.13E-09	6.13E-17	1.63E-09	4.31E-12	3.03E-12	4.77E-11	2.97E-11	1.78E-10	2.81E-12	6.42E-11	8.77E-09	8.11E-10	1.04E-08
2939	NG_1635	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.557	3.00E-08	5.75E-08	2.43E-07	1.86E-09	1.63E-11	8.84E-07	9.63E-09	3.01E-09	5.88E-17	1.56E-09	4.14E-12	2.90E-12	4.57E-11	2.85E-11	1.71E-10	2.70E-12	6.16E-11	8.41E-09	7.78E-10	1.00E-08
2940	NG_1636	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.557	2.88E-08	5.54E-08	2.35E-07	1.78E-09	1.56E-11	8.53E-07	9.25E-09	2.89E-09	5.65E-17	1.50E-09	3.97E-12	2.79E-12	4.39E-11	2.73E-11	1.64E-10	2.59E-12	5.91E-11	8.08E-09	7.47E-10	9.62E-09
2941	NG_1637	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.557	2.76E-08	5.31E-08	2.27E-07	1.70E-09	1.50E-11	8.19E-07	8.86E-09	2.76E-09	5.41E-17	1.44E-09	3.80E-12	2.67E-12	4.20E-11	2.62E-11	1.57E-10	2.48E-12	5.66E-11	7.73E-09	7.15E-10	9.21E-09
2942	NG_1638	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.557	2.62E-08	5.06E-08	2.16E-07	1.61E-09	1.42E-11	7.77E-07	8.42E-09	2.63E-09	5.14E-17	1.37E-09	3.62E-12	2.54E-12	4.00E-11	2.49E-11	1.49E-10	2.36E-12	5.38E-11	7.35E-09	6.80E-10	8.76E-09
2943	NG_1639	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.557	2.49E-08	4.80E-08	2.06E-07	1.52E-09	1.35E-11	7.34E-07	7.99E-09	2.49E-09	4.88E-17	1.29E-09	3.43E-12	2.40E-12	3.79E-11	2.36E-11	1.41E-10	2.24E-12	5.11E-11	6.97E-09	6.45E-10	8.31E-09
2944	NG_1640	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.557	2.35E-08	4.54E-08	1.95E-07	1.43E-09	1.28E-11	6.91E-07	7.56E-09	2.36E-09	4.61E-17	1.23E-09	3.24E-12	2.27E-12	3.59E-11	2.23E-11	1.34E-10	2.12E-12	4.83E-11	6.60E-09	6.10E-10	7.86E-09
2945	NG_1641	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.607	2.30E-08	4.13E-08	1.61E-07	1.51E-09	1.25E-11	7.49E-07	7.38E-09	2.30E-09	4.50E-17	1.20E-09	3.18E-12	2.24E-12	3.50E-11	2.18E-11	1.31E-10	2.07E-12	4.71E-11	6.44E-09	5.96E-10	7.67E-09
2946	NG_1642	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.607	2.50E-08	4.50E-08	1.76E-07	1.65E-09	1.36E-11	8.05E-07	8.01E-09	2.50E-09	4.89E-17	1.30E-09	3.45E-12	2.43E-12	3.80E-11	2.37E-11	1.42E-10	2.24E-12	5.12E-11	6.99E-09	6.47E-10	8.33E-09
2947	NG_1643	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.607	2.72E-08	4.92E-08	1.94E-07	1.81E-09	1.48E-11	8.69E-07	8.73E-09	2.72E-09	5.33E-17	1.41E-09	3.76E-12	2.65E-12	4.14E-11	2.58E-11	1.54E-10	2.45E-12	5.58E-11	7.62E-09	7.05E-10	9.08E-09
2948	NG_1644	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.607	2.98E-08	5.42E-08	2.15E-07	2.01E-09	1.62E-11	9.50E-07	9.57E-09	2.99E-09	5.84E-17	1.55E-09	4.12E-12	2.91E-12	4.54E-11	2.83E-11	1.69E-10	2.68E-12	6.11E-11	8.35E-09	7.73E-10	9.95E-09
2949	NG_1645	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.607	3.27E-08	5.95E-08	2.37E-07	2.23E-09	1.77E-11	1.04E-06	1.05E-08	3.27E-09	6.39E-17	1.70E-09	4.51E-12	3.18E-12	4.97E-11	3.10E-11	1.85E-10	2.94E-12	6.69E-11	9.14E-09	8.46E-10	1.09E-08
2950	NG_1646	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.607	3.58E-08	6.54E-08	2.62E-07	2.48E-09	1.94E-11	1.13E-06	1.15E-08	3.58E-09	7.01E-17	1.86E-09	4.94E-12	3.48E-12	5.45E-11	3.39E-11	2.03E-10	3.22E-12	7.33E-11	1.00E-08	9.27E-10	1.19E-08
2951	NG_1647	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.607	3.91E-08	7.16E-08	2.88E-07	2.75E-09	2.12E-11	1.23E-06	1.25E-08	3.91E-09	7.65E-17	2.03E-09	5.40E-12	3.80E-12	5.95E-11	3.71E-11	2.22E-10	3.51E-12	8.01E-11	1.09E-08	1.01E-09	1.30E-08
2952	NG_1648	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.607	4.27E-08	7.86E-08	3.17E-07	3.06E-09	2.32E-11	1.34E-06	1.37E-08	4.28E-09	8.37E-17	2.22E-09	5.91E-12	4.16E-12	6.51E-11	4.06E-11	2.43E-10	3.85E-12	8.77E-11	1.20E-08	1.11E-09	1.43E-08
2953	NG_1649	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.607	4.63E-08	8.53E-08	3.45E-07	3.36E-09	2.51E-11	1.45E-06	1.49E-08	4.64E-09	9.07E-17	2.41E-09	6.40E-12	4.51E-12	7.06E-11	4.40E-11	2.63E-10	4.17E-12	9.50E-11	1.30E-08	1.20E-09	1.55E-08
2954	NG_1650	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.607	4.97E-08	9.16E-08	3.70E-07	3.67E-09	2.70E-11	1.55E-06	1.59E-08	4.98E-09	9.74E-17	2.59E-09	6.86E-12	4.83E-12	7.57E-11	4.72E-11	2.82E-10	4.47E-12	1.02E-10	1.39E-08	1.29E-09	1.66E-08
2955	NG_1651	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.607	5.25E-08	9.67E-08	3.90E-07	3.94E-09	2.85E-11	1.62E-06	1.69E-08	5.26E-09	1.03E-16	2.73E-09	7.25E-12	5.10E-12	8.00E-11	4.98E-11	2.98E-10	4.72E-12	1.08E-10	1.47E-08	1.36E-09	1.75E-08
2956	NG_1652	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.607	5.46E-08	1.00E-07	4.04E-07	4.18E-09	2.97E-11	1.68E-06	1.75E-08	5.47E-09	1.07E-16	2.84E-09	7.54E-12	5.31E-12	8.33E-11	5.19E-11	3.11E-10	4.92E-12	1.12E-10	1.53E-08	1.42E-09	1.82E-08
2957	NG_1653	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.607	5.60E-08	1.03E-07	4.10E-07	4.38E-09	3.04E-11	1.71E-06	1.80E-08	5.61E-09	1.10E-16	2.92E-09	7.73E-12	5.44E-12	8.54E-11	5.32E-11	3.18E-10	5.04E-12	1.15E-10	1.57E-08	1.45E-09	1.87E-08
2958	NG_1654	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.607	5.66E-08	1.03E-07	4.10E-07	4.51E-09	3.07E-11	1.71E-06	1.82E-08	5.67E-09	1.11E-16	2.95E-09	7.81E-12	5.49E-12	8.63E-11	5.37E-11	3.22E-10	5.09E-12	1.16E-10	1.59E-08	1.47E-09	1.89E-08
2959	NG_1655	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.607	5.65E-08	1.03E-07	4.04E-07	4.59E-09	3.06E-11	1.69E-06	1.81E-08	5.66E-09	1.11E-16	2.94E-09	7.79E-12	5.47E-12	8.61E-11	5.36E-11	3.21E-10	5.08E-12	1.16E-10	1.58E-08	1.46E-09	1.89E-08
2960	NG_1656	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.607	5.56E-08	1.01E-07	3.94E-07	4.58E-09	3.02E-11	1.65E-06	1.79E-08	5.58E-09	1.09E-16	2.90E-09	7.67E-12	5.39E-12	8.48E-11	5.28E-11	3.16E-10	5.01E-12	1.14E-10	1.56E-08	1.44E-09	1.86E-08
2961	NG_1657	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.607	5.44E-08	9.82E-08	3.81E-07	4.52E-09	2.96E-11	1.59E-06	1.75E-08	5.46E-09	1.07E-16	2.83E-09	7.51E-12	5.27E-12	8.30E-11	5.17E-11	3.09E-10	4.90E-12	1.12E-10	1.53E-08	1.41E-09	1.82E-08
2962	NG_1658	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.607	5.29E-08	9.52E-08	3.67E-07	4.39E-09	2.87E-11	1.52E-06	1.70E-08	5.30E-09	1.04E-16	2.76E-09	7.30E-12	5.12E-12	8.07E-11	5.02E-11	3.01E-10	4.76E-12	1.09E-10	1.48E-08	1.37E-09	1.77E-08
2963	NG_1659	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.607	5.13E-08	9.22E-08	3.55E-07	4.21E-09	2.79E-11	1.45E-06	1.65E-08	5.14E-09	1.01E-16	2.67E-09	7.08E-12	4.97E-12	7.82E-11	4.87E-11	2.92E-10	4.62E-12	1.05E-10	1.44E-08	1.33E-09	1.71E-08
2964	NG_1660	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.607	4.95E-08	8.88E-08	3.41E-07	3.98E-09	2.68E-11	1.37E-06	1.59E-08	4.96E-09	9.70E-17	2.57E-09	6.82E-12	4.79E-12	7.54E-11	4.69E-11	2.81E-10	4.45E-12	1.02E-10	1.39E-08	1.28E-09	1.65E-08
2965	NG_1661	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.607	4.74E-08	8.52E-08	3.27E-07	3.73E-09	2.57E-11	1.29E-06	1.52E-08	4.75E-09	9.30E-17	2.47E-09	6.54E-12	4.59E-12	7.23E-11	4.50E-11	2.70E-10	4.27E-12	9.73E-11	1.33E-08	1.23E-09	1.58E-08
2966	NG_1662	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.607	4.52E-08	8.12E-08	3.12E-07	3.46E-09	2.45E-11	1.21E-06	1.45E-08	4.53E-09	8.86E-17	2.35E-09	6.23E-12	4.37E-12	6.89E-11	4.29E-11	2.57E-10	4.07E-12	9.28E-11	1.27E-08	1.17E-09	1.51E-08
2967	NG_1663	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.607	4.30E-08	7.73E-08	2.98E-07	3.19E-09	2.33E-11	1.13E-06	1.38E-08	4.31E-09	8.42E-17	2.24E-09	5.92E-12	4.16E-12	6.55E-11	4.08E-11	2.44E-10	3.87E-12	8.82E-11	1.20E-08	1.11E-09	1.44E-08
2968	NG_1664	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.607	4.08E-08	7.35E-08	2.84E-07	2.94E-09	2.21E-11	1.07E-06	1.31E-08	4.09E-09	8.00E-17	2.12E-09	5.63E-12	3.95E-12	6.22E-11	3.87E-11	2.32E-10	3.67E-12	8.37E-11	1.14E-08	1.06E-09	1.36E-08
2969	NG_1665	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.607	3.88E-08	7.01E-08	2.71E-07	2.72E-09	2.11E-11	1.01E-06	1.25E-08	3.89E-09	7.61E-17	2.02E-09	5.35E-12	3.76E-12	5.92E-11	3.68E-11	2.21E-10	3.49E-12	7.97E-11	1.09E-08	1.01E-09	1.30E-08
2970	NG_1666	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.607	3.71E-08	6.73E-08	2.62E-07	2.53E-09	2.02E-11	9.72E-07	1.19E-08	3.72E-09	7.28E-17	1.93E-09	5.12E-12	3.60E-12	5.66E-11	3.52E-11	2.11E-10	3.34E-12	7.62E-11	1.04E-08	9.63E-10	1.24E-08
2971	NG_1667	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.607	3.58E-08	6.51E-08	2.55E-07	2.38E-09	1.94E-11	9.43E-07	1.15E-08	3.58E-09	7.01E-17	1.86E-09	4.93E-12	3.47E-12	5.45E-11	3.39E-11	2.03E-10	3.22E-12	7.34E-11	1.00E-08	9.27E-10	1.19E-08
2972	NG_1668	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.607	3.47E-08	6.37E-08	2.51E-07	2.27E-09	1.89E-11	9.25E-07	1.12E-08	3.48E-09	6.81E-17	1.81E-09	4.80E-12	3.37E-12	5.30E-11	3.30E-11	1.98E-10	3.13E-12	7.13E-11	9.74E-09	9.01E-10	1.16E-08
2973	NG_1669	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.607	3.40E-08	6.28E-08	2.50E-07	2.19E-09	1.85E-11	9.19E-07	1.09E-08	3.41E-09	6.67E-17	1.77E-09	4.70E-12	3.31E-12	5.19E-11	3.23E-11	1.94E-10	3.06E-12	6.99E-11	9.54E-09	8.83E-10	1.14E-08
2974	NG_1670	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.607	3.36E-08	6.24E-08	2.51E-07	2.14E-09	1.82E-11	9.22E-07	1.08E-08	3.37E-09	6.59E-17	1.75E-09	4.64E-12	3.26E-12	5.12E-11	3.19E-11	1.91E-10	3.02E-12	6.89E-11	9.41E-09	8.71E-10	1.12E-08
2975	NG_1671	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.607	3.32E-08	6.21E-08	2.53E-07	2.09E-09	1.80E-11	9.26E-07	1.07E-08	3.32E-09	6.50E-17	1.73E-09	4.58E-12	3.22E-12	5.06E-11	3.15E-11	1.89E-10	2.99E-12	6.81E-11	9.30E-09	8.60E-10	1.11E-08
2976	NG_1672	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.607	3.27E-08	6.17E-08	2.53E-07	2.06E-09	1.78E-11	9.27E-07	1.05E-08	3.28E-09	6.42E-17	1.70E-09	4.52E-12	3.18E-12	4.99E-11	3.11E-11	1.86E-10	2.94E-12	6.72E-11	9.17E-09	8.49E-10	1.09E-08
2977	NG_1673	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.607	3.20E-08	6.07E-08	2.52E-07	2.01E-09	1.74E-11	9.17E-07	1.03E-08	3.21E-09	6.28E-17	1.67E-09	4.42E-12	3.11E-12	4.88E-11	3.04E-11	1.82E-10	2.88E-12	6.57E-11	8.98E-09	8.31E-10	1.07E-08
2978	NG_1674	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.607	3.12E-08	5.94E-08	2.48E-07	1.95E-09	1.70E-11	9.02E-07	1.00E-08	3.13E-09	6.12E-17	1.63E-09	4.31E-12	3.03E-12	4.76E-11	2.96E-11	1.77E-10	2.81E-12	6.41E-11	8.75E-09	8.10E-10	1.04E-08
2979	NG_1675	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.607	3.02E-08	5.77E-08	2.42E-07	1.88E-09	1.64E-11	8.76E-07	9.70E-09	3.03E-09	5.92E-17	1.57E-09	4.17E-12	2.92E-12	4.60E-11	2.87E-11	1.72E-10	2.72E-12	6.20E-11	8.46E-09	7.83E-10	1.01E-08
2980	NG_1676	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.607	2.93E-08	5.61E-08	2.37E-07	1.82E-09	1.59E-11	8.56E-07	9.40E-09	2.93E-09	5.74E-17	1.52E-09	4.04E-12	2.83E-12	4.46E-11	2.78E-11	1.66E-10	2.63E-12	6.01E-11	8.20E-09	7.59E-10	9.78E-09
2981	NG_1677	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.607	2.82E-08	5.42E-08	2.30E-07	1.75E-09	1.53E-11	8.29E-07	9.05E-09	2.83E-09	5.53E-17	1.47E-09	3.89E-12	2.73E-12	4.30E-11	2.68E-11	1.60E-10	2.54E-12	5.79E-11	7.90E-09	7.31E-10	9.42E-09
2982	NG_1678	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.607	2.70E-08	5.21E-08	2.22E-07	1.67E-09	1.47E-11	7.96E-07	8.68E-09	2.71E-09	5.30E-17	1.41E-09	3.73E-12	2.61E-12	4.12E-11	2.56E-11	1.54E-10	2.43E-12	5.55E-11	7.57E-09	7.01E-10	9.03E-09
2983	NG_1679	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.607	2.58E-08	4.99E-08	2.14E-07	1.59E-09	1.40E-11	7.62E-07	8.30E-09	2.59E-09	5.07E-17	1.34E-09	3.56E-12	2.50E-12	3.94E-11	2.45E-11	1.47E-10	2.32E-12	5.30E-11	7.24E-09	6.70E-10	8.63E-09
2984	NG_1680	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.607	2.47E-08	4.77E-08	2.05E-07	1.52E-09	1.34E-11	7.29E-07	7.93E-09	2.47E-09	4.84E-17	1.29E-09	3.40E-12	2.39E-12	3.76E-11	2.34E-11	1.40E-10	2.22E-12	5.07E-11	6.92E-09	6.40E-10	8.25E-09
2985	NG_1681	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.607	2.36E-08	4.56E-08	1.97E-07	1.45E-09	1.28E-11	6.98E-07	7.57E-09	2.36E-09	4.62E-17	1.23E-09	3.25E-12	2.28E-12	3.59E-11	2.24E-11	1.34E-10	2.12E-12	4.84E-11	6.61E-09	6.11E-10	7.87E-09
1886	NG_582	Nested Grid - 50m	Commercial/Industrial	Offsite	379.014	6367.307	2.37E-08	4.66E-08	1.64E-07	5.13E-09	1.29E-11	2.84E-06	7.60E-09	2.37E-09	4.64E-17	1.23E-09	3.29E-12	2.34E-12	3.61E-11	2.25E-11	1.35E-10	2.13E-12	4.86E-11	6.64E-09	6.14E-10	7.91E-09
2008	NG_704	Nested Grid - 50m	Commercial/Industrial	Offsite	378.964	6367.457	2.21E-08	4.29E-08	1.48E-07	5.58E-09	1.20E-11	2.81E-06	7.08E-09	2.21E-09	4.32E-17	1.15E-09	3.05E-12	2.15E-12	3.36E-11	2.09E-11	1.25E-10	1.98E-12	4.52E-11	6.18E-09	5.72E-10	7.36E-09
2048	NG_744	Nested Grid - 50m	Commercial/Industrial	Offsite	378.914	6367.507	1.99E-08	3.85E-08	1.33E-07	5.10E-09	1.08E-11	2.55E-06	6.37E-09	1.99E-09	3.89E-17	1.03E-09	2.75E-12	1.94E-12	3.03E-11	1.89E-11	1.13E-10	1.79E-12	4.07E-11	5.56E-09	5.15E-10	6.63E-09

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 1 RECREATIONAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.35E-02**	**2.84E-02**	**3.91E-01**	**2.04E-02**	**7.34E-06**	**3.00E-02**	**4.35E-03**	**1.36E-03**	**2.66E-11**	**7.05E-04**	**1.86E-06**	**1.29E-06**	**2.06E-05**	**1.28E-05**	**7.70E-05**	**1.22E-06**	**2.78E-05**	**3.80E-03**	**3.51E-04**	**4.53E-03**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**NG_783**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**378.814**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**
						Y	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6367.557**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**
1	SG_1	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6364.500	1.18E-03	2.49E-03	3.47E-02	1.91E-03	6.45E-07	1.56E-03	3.80E-04	1.18E-04	2.32E-12	6.16E-05	1.65E-07	1.19E-07	1.80E-06	1.13E-06	6.72E-06	1.07E-07	2.42E-06	3.31E-04	3.06E-05	3.95E-04
2	SG_2	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6364.500	1.16E-03	2.45E-03	3.43E-02	1.88E-03	6.36E-07	1.57E-03	3.74E-04	1.17E-04	2.28E-12	6.08E-05	1.63E-07	1.18E-07	1.78E-06	1.11E-06	6.62E-06	1.05E-07	2.39E-06	3.27E-04	3.02E-05	3.89E-04
3	SG_3	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6364.500	1.13E-03	2.39E-03	3.34E-02	1.83E-03	6.20E-07	1.55E-03	3.65E-04	1.14E-04	2.23E-12	5.92E-05	1.59E-07	1.15E-07	1.73E-06	1.08E-06	6.45E-06	1.02E-07	2.33E-06	3.18E-04	2.94E-05	3.79E-04
4	SG_4	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6364.500	1.06E-03	2.24E-03	3.13E-02	1.71E-03	5.81E-07	1.46E-03	3.42E-04	1.07E-04	2.09E-12	5.55E-05	1.49E-07	1.07E-07	1.62E-06	1.02E-06	6.05E-06	9.60E-08	2.18E-06	2.98E-04	2.76E-05	3.55E-04
5	SG_5	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6364.500	9.98E-04	2.11E-03	2.95E-02	1.61E-03	5.46E-07	1.38E-03	3.21E-04	1.00E-04	1.96E-12	5.22E-05	1.40E-07	1.01E-07	1.53E-06	9.55E-07	5.69E-06	9.03E-08	2.05E-06	2.80E-04	2.59E-05	3.34E-04
6	SG_6	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6364.500	9.77E-04	2.06E-03	2.89E-02	1.57E-03	5.35E-07	1.37E-03	3.15E-04	9.81E-05	1.92E-12	5.11E-05	1.37E-07	9.87E-08	1.49E-06	9.35E-07	5.57E-06	8.84E-08	2.01E-06	2.75E-04	2.54E-05	3.27E-04
7	SG_7	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6364.500	9.52E-04	2.01E-03	2.81E-02	1.53E-03	5.21E-07	1.35E-03	3.07E-04	9.56E-05	1.87E-12	4.98E-05	1.33E-07	9.60E-08	1.46E-06	9.10E-07	5.43E-06	8.61E-08	1.96E-06	2.68E-04	2.47E-05	3.19E-04
8	SG_8	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6364.500	9.44E-04	1.99E-03	2.79E-02	1.50E-03	5.17E-07	1.36E-03	3.04E-04	9.48E-05	1.86E-12	4.93E-05	1.32E-07	9.51E-08	1.44E-06	9.03E-07	5.38E-06	8.54E-08	1.94E-06	2.65E-04	2.45E-05	3.16E-04
9	SG_9	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6364.500	9.46E-04	2.00E-03	2.79E-02	1.50E-03	5.18E-07	1.40E-03	3.05E-04	9.51E-05	1.86E-12	4.94E-05	1.32E-07	9.51E-08	1.45E-06	9.04E-07	5.39E-06	8.56E-08	1.94E-06	2.66E-04	2.46E-05	3.17E-04
10	SG_10	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6364.500	9.69E-04	2.04E-03	2.85E-02	1.54E-03	5.29E-07	1.49E-03	3.12E-04	9.73E-05	1.90E-12	5.06E-05	1.35E-07	9.70E-08	1.48E-06	9.25E-07	5.52E-06	8.76E-08	1.99E-06	2.72E-04	2.52E-05	3.24E-04
11	SG_11	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6364.500	8.40E-04	1.77E-03	2.48E-02	1.33E-03	4.59E-07	1.29E-03	2.71E-04	8.44E-05	1.65E-12	4.39E-05	1.17E-07	8.36E-08	1.29E-06	8.02E-07	4.79E-06	7.59E-08	1.73E-06	2.36E-04	2.18E-05	2.81E-04
12	SG_12	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6364.500	8.08E-04	1.71E-03	2.39E-02	1.28E-03	4.41E-07	1.27E-03	2.60E-04	8.12E-05	1.59E-12	4.22E-05	1.12E-07	7.98E-08	1.24E-06	7.70E-07	4.60E-06	7.30E-08	1.66E-06	2.27E-04	2.10E-05	2.71E-04
13	SG_13	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6364.500	7.92E-04	1.67E-03	2.34E-02	1.25E-03	4.32E-07	1.27E-03	2.55E-04	7.96E-05	1.56E-12	4.14E-05	1.10E-07	7.77E-08	1.21E-06	7.55E-07	4.51E-06	7.15E-08	1.63E-06	2.23E-04	2.06E-05	2.65E-04
14	SG_14	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6364.500	7.93E-04	1.67E-03	2.34E-02	1.24E-03	4.32E-07	1.28E-03	2.55E-04	7.97E-05	1.56E-12	4.14E-05	1.10E-07	7.73E-08	1.21E-06	7.55E-07	4.52E-06	7.16E-08	1.63E-06	2.23E-04	2.06E-05	2.66E-04
15	SG_15	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6364.500	8.31E-04	1.75E-03	2.45E-02	1.29E-03	4.52E-07	1.34E-03	2.67E-04	8.35E-05	1.63E-12	4.34E-05	1.15E-07	8.05E-08	1.27E-06	7.90E-07	4.73E-06	7.49E-08	1.71E-06	2.33E-04	2.16E-05	2.78E-04
17	SG_17	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6364.500	1.01E-03	2.13E-03	2.97E-02	1.53E-03	5.49E-07	1.55E-03	3.25E-04	1.01E-04	1.98E-12	5.27E-05	1.39E-07	9.72E-08	1.54E-06	9.59E-07	5.75E-06	9.10E-08	2.08E-06	2.84E-04	2.62E-05	3.38E-04
18	SG_18	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6364.500	1.20E-03	2.54E-03	3.53E-02	1.80E-03	6.54E-07	1.80E-03	3.88E-04	1.21E-04	2.37E-12	6.28E-05	1.66E-07	1.16E-07	1.84E-06	1.14E-06	6.86E-06	1.09E-07	2.48E-06	3.38E-04	3.13E-05	4.03E-04
19	SG_19	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6364.500	1.46E-03	3.07E-03	4.26E-02	2.17E-03	7.91E-07	2.14E-03	4.69E-04	1.46E-04	2.86E-12	7.59E-05	2.00E-07	1.39E-07	2.22E-06	1.38E-06	8.30E-06	1.31E-07	3.00E-06	4.09E-04	3.79E-05	4.87E-04
20	SG_20	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6364.500	1.59E-03	3.35E-03	4.65E-02	2.37E-03	8.64E-07	2.28E-03	5.12E-04	1.60E-04	3.13E-12	8.30E-05	2.19E-07	1.52E-07	2.43E-06	1.51E-06	9.07E-06	1.43E-07	3.28E-06	4.47E-04	4.14E-05	5.33E-04
21	SG_21	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6364.500	1.69E-03	3.56E-03	4.93E-02	2.52E-03	9.16E-07	2.35E-03	5.43E-04	1.70E-04	3.32E-12	8.80E-05	2.32E-07	1.61E-07	2.58E-06	1.60E-06	9.61E-06	1.52E-07	3.47E-06	4.74E-04	4.39E-05	5.65E-04
22	SG_22	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6364.500	1.82E-03	3.84E-03	5.33E-02	2.74E-03	9.89E-07	2.46E-03	5.87E-04	1.83E-04	3.58E-12	9.50E-05	2.50E-07	1.73E-07	2.78E-06	1.73E-06	1.04E-05	1.64E-07	3.75E-06	5.12E-04	4.74E-05	6.10E-04
23	SG_23	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6364.500	2.00E-03	4.21E-03	5.84E-02	3.02E-03	1.08E-06	2.62E-03	6.43E-04	2.01E-04	3.93E-12	1.04E-04	2.74E-07	1.89E-07	3.05E-06	1.90E-06	1.14E-05	1.80E-07	4.12E-06	5.62E-04	5.20E-05	6.69E-04
24	SG_24	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6364.500	2.19E-03	4.63E-03	6.42E-02	3.33E-03	1.19E-06	2.79E-03	7.06E-04	2.21E-04	4.31E-12	1.14E-04	3.01E-07	2.08E-07	3.35E-06	2.08E-06	1.25E-05	1.98E-07	4.52E-06	6.17E-04	5.71E-05	7.35E-04
25	SG_25	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6364.500	2.46E-03	5.18E-03	7.19E-02	3.72E-03	1.33E-06	3.01E-03	7.91E-04	2.47E-04	4.83E-12	1.28E-04	3.37E-07	2.33E-07	3.76E-06	2.33E-06	1.40E-05	2.21E-07	5.06E-06	6.91E-04	6.39E-05	8.23E-04
26	SG_26	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6364.500	2.80E-03	5.90E-03	8.18E-02	4.21E-03	1.52E-06	3.30E-03	9.01E-04	2.81E-04	5.50E-12	1.46E-04	3.84E-07	2.65E-07	4.28E-06	2.66E-06	1.60E-05	2.52E-07	5.77E-06	7.87E-04	7.28E-05	9.38E-04
27	SG_27	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6364.500	2.98E-03	6.29E-03	8.72E-02	4.42E-03	1.62E-06	3.31E-03	9.60E-04	3.00E-04	5.86E-12	1.56E-04	4.09E-07	2.83E-07	4.56E-06	2.83E-06	1.70E-05	2.69E-07	6.14E-06	8.38E-04	7.76E-05	9.99E-04
28	SG_28	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6364.500	3.26E-03	6.89E-03	9.55E-02	4.80E-03	1.77E-06	3.48E-03	1.05E-03	3.28E-04	6.42E-12	1.70E-04	4.48E-07	3.11E-07	4.99E-06	3.10E-06	1.86E-05	2.94E-07	6.73E-06	9.18E-04	8.50E-05	1.09E-03
29	SG_29	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6364.500	3.72E-03	7.86E-03	1.09E-01	5.50E-03	2.02E-06	3.90E-03	1.20E-03	3.75E-04	7.33E-12	1.94E-04	5.12E-07	3.55E-07	5.70E-06	3.54E-06	2.12E-05	3.36E-07	7.68E-06	1.05E-03	9.70E-05	1.25E-03
30	SG_30	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6364.500	4.36E-03	9.19E-03	1.27E-01	6.51E-03	2.37E-06	4.61E-03	1.40E-03	4.38E-04	8.57E-12	2.27E-04	5.99E-07	4.15E-07	6.66E-06	4.14E-06	2.48E-05	3.93E-07	8.98E-06	1.23E-03	1.13E-04	1.46E-03
31	SG_31	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6364.500	4.60E-03	9.69E-03	1.34E-01	6.91E-03	2.50E-06	4.84E-03	1.48E-03	4.62E-04	9.04E-12	2.40E-04	6.32E-07	4.39E-07	7.03E-06	4.37E-06	2.62E-05	4.14E-07	9.47E-06	1.29E-03	1.20E-04	1.54E-03
32	SG_32	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6364.700	1.33E-03	2.80E-03	3.91E-02	2.13E-03	7.27E-07	1.78E-03	4.28E-04	1.33E-04	2.61E-12	6.94E-05	1.86E-07	1.34E-07	2.03E-06	1.27E-06	7.57E-06	1.20E-07	2.73E-06	3.73E-04	3.45E-05	4.45E-04
33	SG_33	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6364.700	1.27E-03	2.67E-03	3.73E-02	2.03E-03	6.94E-07	1.72E-03	4.08E-04	1.27E-04	2.49E-12	6.63E-05	1.78E-07	1.28E-07	1.94E-06	1.21E-06	7.22E-06	1.15E-07	2.60E-06	3.56E-04	3.29E-05	4.25E-04
34	SG_34	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6364.700	1.23E-03	2.60E-03	3.63E-02	1.97E-03	6.74E-07	1.70E-03	3.97E-04	1.24E-04	2.42E-12	6.44E-05	1.73E-07	1.25E-07	1.88E-06	1.18E-06	7.02E-06	1.11E-07	2.53E-06	3.46E-04	3.20E-05	4.12E-04
35	SG_35	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6364.700	1.20E-03	2.52E-03	3.52E-02	1.92E-03	6.55E-07	1.68E-03	3.85E-04	1.20E-04	2.35E-12	6.26E-05	1.68E-07	1.21E-07	1.83E-06	1.15E-06	6.82E-06	1.08E-07	2.46E-06	3.36E-04	3.11E-05	4.01E-04
36	SG_36	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6364.700	1.14E-03	2.42E-03	3.37E-02	1.83E-03	6.27E-07	1.62E-03	3.69E-04	1.15E-04	2.25E-12	5.98E-05	1.61E-07	1.16E-07	1.75E-06	1.09E-06	6.52E-06	1.04E-07	2.35E-06	3.22E-04	2.98E-05	3.83E-04
37	SG_37	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6364.700	1.13E-03	2.38E-03	3.32E-02	1.81E-03	6.17E-07	1.63E-03	3.63E-04	1.13E-04	2.21E-12	5.89E-05	1.58E-07	1.14E-07	1.72E-06	1.08E-06	6.42E-06	1.02E-07	2.31E-06	3.17E-04	2.93E-05	3.77E-04
38	SG_38	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6364.700	1.09E-03	2.31E-03	3.23E-02	1.75E-03	5.99E-07	1.62E-03	3.53E-04	1.10E-04	2.15E-12	5.72E-05	1.54E-07	1.11E-07	1.68E-06	1.05E-06	6.24E-06	9.91E-08	2.25E-06	3.08E-04	2.85E-05	3.67E-04
39	SG_39	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6364.700	1.09E-03	2.31E-03	3.22E-02	1.75E-03	5.99E-07	1.65E-03	3.53E-04	1.10E-04	2.15E-12	5.72E-05	1.53E-07	1.10E-07	1.68E-06	1.05E-06	6.24E-06	9.90E-08	2.25E-06	3.08E-04	2.85E-05	3.67E-04
40	SG_40	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6364.700	1.02E-03	2.15E-03	3.01E-02	1.61E-03	5.58E-07	1.54E-03	3.28E-04	1.02E-04	2.00E-12	5.33E-05	1.43E-07	1.03E-07	1.56E-06	9.75E-07	5.81E-06	9.22E-08	2.10E-06	2.87E-04	2.65E-05	3.42E-04
41	SG_41	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6364.700	1.02E-03	2.15E-03	3.00E-02	1.61E-03	5.58E-07	1.58E-03	3.28E-04	1.02E-04	2.00E-12	5.33E-05	1.43E-07	1.02E-07	1.56E-06	9.74E-07	5.81E-06	9.22E-08	2.10E-06	2.87E-04	2.65E-05	3.42E-04
42	SG_42	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6364.700	8.96E-04	1.89E-03	2.64E-02	1.41E-03	4.90E-07	1.39E-03	2.89E-04	9.00E-05	1.76E-12	4.68E-05	1.25E-07	8.93E-08	1.37E-06	8.56E-07	5.11E-06	8.10E-08	1.84E-06	2.52E-04	2.33E-05	3.00E-04
43	SG_43	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6364.700	8.65E-04	1.83E-03	2.55E-02	1.36E-03	4.72E-07	1.38E-03	2.78E-04	8.69E-05	1.70E-12	4.52E-05	1.20E-07	8.55E-08	1.32E-06	8.25E-07	4.93E-06	7.81E-08	1.78E-06	2.43E-04	2.25E-05	2.90E-04
44	SG_44	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6364.700	8.59E-04	1.81E-03	2.53E-02	1.35E-03	4.68E-07	1.40E-03	2.76E-04	8.62E-05	1.69E-12	4.48E-05	1.19E-07	8.42E-08	1.31E-06	8.18E-07	4.89E-06	7.75E-08	1.77E-06	2.41E-04	2.23E-05	2.87E-04
45	SG_45	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6364.700	8.64E-04	1.82E-03	2.54E-02	1.35E-03	4.70E-07	1.42E-03	2.78E-04	8.67E-05	1.70E-12	4.51E-05	1.20E-07	8.42E-08	1.32E-06	8.22E-07	4.92E-06	7.79E-08	1.78E-06	2.43E-04	2.24E-05	2.89E-04
46	SG_46	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6364.700	8.89E-04	1.88E-03	2.62E-02	1.38E-03	4.84E-07	1.46E-03	2.86E-04	8.93E-05	1.75E-12	4.64E-05	1.23E-07	8.62E-08	1.36E-06	8.46E-07	5.07E-06	8.02E-08	1.83E-06	2.50E-04	2.31E-05	2.98E-04
48	SG_48	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6364.700	1.10E-03	2.32E-03	3.23E-02	1.66E-03	5.98E-07	1.71E-03	3.54E-04	1.11E-04	2.16E-12	5.74E-05	1.52E-07	1.06E-07	1.68E-06	1.05E-06	6.27E-06	9.92E-08	2.26E-06	3.09E-04	2.86E-05	3.68E-04
49	SG_49	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6364.700	1.35E-03	2.84E-03	3.94E-02	2.00E-03	7.32E-07	2.04E-03	4.34E-04	1.35E-04	2.65E-12	7.03E-05	1.86E-07	1.29E-07	2.06E-06	1.28E-06	7.67E-06	1.21E-07	2.77E-06	3.78E-04	3.50E-05	4.51E-04
50	SG_50	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6364.700	1.60E-03	3.37E-03	4.67E-02	2.37E-03	8.68E-07	2.37E-03	5.14E-04	1.60E-04	3.14E-12	8.33E-05	2.20E-07	1.53E-07	2.44E-06	1.52E-06	9.10E-06	1.44E-07	3.29E-06	4.49E-04	4.15E-05	5.35E-04
51	SG_51	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6364.700	1.72E-03	3.61E-03	5.01E-02	2.54E-03	9.31E-07	2.47E-03	5.52E-04	1.72E-04	3.37E-12	8.94E-05	2.36E-07	1.64E-07	2.62E-06	1.63E-06	9.77E-06	1.54E-07	3.53E-06	4.82E-04	4.46E-05	5.74E-04
52	SG_52	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6364.700	1.88E-03	3.95E-03	5.47E-02	2.80E-03	1.02E-06	2.63E-03	6.03E-04	1.88E-04	3.68E-12	9.78E-05	2.57E-07	1.78E-07	2.86E-06	1.78E-06	1.07E-05	1.69E-07	3.86E-06	5.27E-04	4.88E-05	6.28E-04
53	SG_53	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6364.700	2.05E-03	4.31E-03	5.98E-02	3.07E-03	1.11E-06	2.79E-03	6.59E-04	2.06E-04	4.02E-12	1.07E-04	2.81E-07	1.94E-07	3.13E-06	1.94E-06	1.17E-05	1.84E-07	4.22E-06	5.75E-04	5.32E-05	6.85E-04
54	SG_54	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6364.700	2.27E-03	4.79E-03	6.64E-02	3.43E-03	1.23E-06	3.00E-03	7.32E-04	2.29E-04	4.47E-12	1.19E-04	3.12E-07	2.15E-07	3.47E-06	2.16E-06	1.30E-05	2.05E-07	4.68E-06	6.39E-04	5.92E-05	7.61E-04
55	SG_55	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6364.700	2.54E-03	5.35E-03	7.41E-02	3.82E-03	1.38E-06	3.23E-03	8.16E-04	2.55E-04	4.98E-12	1.32E-04	3.48E-07	2.40E-07	3.87E-06	2.41E-06	1.45E-05	2.28E-07	5.22E-06	7.13E-04	6.60E-05	8.49E-04
56	SG_56	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6364.700	2.79E-03	5.89E-03	8.15E-02	4.17E-03	1.51E-06	3.38E-03	8.99E-04	2.81E-04	5.49E-12	1.46E-04	3.83E-07	2.65E-07	4.27E-06	2.65E-06	1.59E-05	2.51E-07	5.75E-06	7.84E-04	7.26E-05	9.35E-04
57	SG_57	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6364.700	3.12E-03	6.59E-03	9.13E-02	4.62E-03	1.70E-06	3.61E-03	1.01E-03	3.14E-04	6.15E-12	1.63E-04	4.29E-07	2.97E-07	4.78E-06	2.97E-06	1.78E-05	2.82E-07	6.44E-06	8.79E-04	8.14E-05	1.05E-03
58	SG_58	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6364.700	3.81E-03	8.03E-03	1.11E-01	5.63E-03	2.07E-06	4.30E-03	1.23E-03	3.83E-04	7.49E-12	1.99E-04	5.23E-07	3.62E-07	5.82E-06	3.61E-06	2.17E-05	3.43E-07	7.85E-06	1.07E-03	9.91E-05	1.28E-03
59	SG_59	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6364.700	4.77E-03	1.01E-02	1.39E-01	7.16E-03	2.59E-06	5.48E-03	1.54E-03	4.80E-04	9.39E-12	2.49E-04	6.56E-07	4.54E-07	7.30E-06	4.53E-06	2.72E-05	4.30E-07	9.84E-06	1.34E-03	1.24E-04	1.60E-03
60	SG_60	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6364.700	4.96E-03	1.04E-02	1.45E-01	7.42E-03	2.69E-06	5.53E-03	1.60E-03	4.98E-04	9.74E-12	2.59E-04	6.81E-07	4.72E-07	7.57E-06	4.70E-06	2.82E-05	4.47E-07	1.02E-05	1.39E-03	1.29E-04	1.66E-03
61	SG_61	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6364.700	4.66E-03	9.82E-03	1.36E-01	6.93E-03	2.53E-06	4.96E-03	1.50E-03	4.68E-04	9.16E-12	2.43E-04	6.40E-07	4.44E-07	7.12E-06	4.42E-06	2.66E-05	4.20E-07	9.60E-06	1.31E-03	1.21E-04	1.56E-03
62	SG_62	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6364.700	4.43E-03	9.32E-03	1.29E-01	6.58E-03	2.40E-06	4.59E-03	1.42E-03	4.45E-04	8.70E-12	2.31E-04	6.08E-07	4.23E-07	6.76E-06	4.20E-06	2.52E-05	3.99E-07	9.11E-06	1.24E-03	1.15E-04	1.48E-03
63	SG_63	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6364.900	1.53E-03	3.22E-03	4.48E-02	2.43E-03	8.36E-07	2.08E-03	4.92E-04	1.53E-04	3.00E-12	7.98E-05	2.14E-07	1.55E-07	2.34E-06	1.46E-06	8.70E-06	1.38E-07	3.14E-06	4.29E-04	3.97E-05	5.12E-04
64	SG_64	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6364.900	1.48E-03	3.11E-03	4.34E-02	2.36E-03	8.08E-07	2.05E-03	4.75E-04	1.48E-04	2.90E-12	7.72E-05	2.07E-07	1.49E-07	2.26E-06	1.41E-06	8.41E-06	1.34E-07	3.03E-06	4.15E-04	3.84E-05	4.94E-04
65	SG_65	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6364.900	1.40E-03	2.95E-03	4.11E-02	2.23E-03	7.65E-07	1.96E-03	4.50E-04	1.40E-04	2.75E-12	7.30E-05	1.96E-07	1.41E-07	2.14E-06	1.34E-06	7.96E-06	1.26E-07	2.87E-06	3.93E-04	3.63E-05	4.68E-04
66	SG_66	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6364.900	1.39E-03	2.94E-03	4.09E-02	2.23E-03	7.63E-07	2.00E-03	4.49E-04	1.40E-04	2.74E-12	7.28E-05	1.96E-07	1.41E-07	2.13E-06	1.33E-06	7.94E-06	1.26E-07	2.86E-06	3.91E-04	3.62E-05	4.66E-04
67	SG_67	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6364.900	1.33E-03	2.81E-03	3.92E-02	2.13E-03	7.30E-07	1.95E-03	4.30E-04	1.34E-04	2.62E-12	6.97E-05	1.87E-07	1.35E-07	2.04E-06	1.28E-06	7.60E-06	1.21E-07	2.74E-06	3.75E-04	3.47E-05	4.47E-04
68	SG_68	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6364.900	1.36E-03	2.86E-03	3.98E-02	2.18E-03	7.42E-07	2.05E-03	4.37E-04	1.36E-04	2.66E-12	7.09E-05	1.90E-07	1.37E-07	2.07E-06	1.30E-06	7.73E-06	1.23E-07	2.79E-06	3.81E-04	3.52E-05	4.54E-04
69	SG_69	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6364.900	1.28E-03	2.70E-03	3.76E-02	2.05E-03	7.00E-07	1.96E-03	4.12E-04	1.28E-04	2.51E-12	6.69E-05	1.79E-07	1.29E-07	1.96E-06	1.22E-06	7.29E-06	1.16E-07	2.63E-06	3.60E-04	3.32E-05	4.28E-04
70	SG_70	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6364.900	1.15E-03	2.43E-03	3.39E-02	1.82E-03	6.30E-07	1.75E-03	3.71E-04	1.16E-04	2.26E-12	6.01E-05	1.61E-07	1.16E-07	1.76E-06	1.10E-06	6.56E-06	1.04E-07	2.36E-06	3.23E-04	2.99E-05	3.85E-04
71	SG_71	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6364.900	1.13E-03	2.38E-03	3.32E-02	1.78E-03	6.17E-07	1.74E-03	3.63E-04	1.13E-04	2.22E-12	5.90E-05	1.58E-07	1.14E-07	1.73E-06	1.08E-06	6.43E-06	1.02E-07	2.32E-06	3.17E-04	2.93E-05	3.78E-04
72	SG_72	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6364.900	1.06E-03	2.24E-03	3.12E-02	1.66E-03	5.80E-07	1.65E-03	3.42E-04	1.07E-04	2.08E-12	5.54E-05	1.48E-07	1.06E-07	1.62E-06	1.01E-06	6.04E-06	9.59E-08	2.18E-06	2.98E-04	2.76E-05	3.55E-04
73	SG_73	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6364.900	9.86E-04	2.08E-03	2.90E-02	1.55E-03	5.39E-07	1.56E-03	3.17E-04	9.90E-05	1.94E-12	5.15E-05	1.38E-07	9.84E-08	1.51E-06	9.41E-07	5.62E-06	8.91E-08	2.03E-06	2.77E-04	2.56E-05	3.30E-04
74	SG_74	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6364.900	9.72E-04	2.05E-03	2.86E-02	1.53E-03	5.30E-07	1.59E-03	3.13E-04	9.76E-05	1.91E-12	5.07E-05	1.35E-07	9.62E-08	1.49E-06	9.27E-07	5.54E-06	8.78E-08	2.00E-06	2.73E-04	2.53E-05	3.25E-04
75	SG_75	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6364.900	9.41E-04	1.99E-03	2.77E-02	1.47E-03	5.13E-07	1.57E-03	3.03E-04	9.45E-05	1.85E-12	4.91E-05	1.31E-07	9.25E-08	1.44E-06	8.97E-07	5.36E-06	8.50E-08	1.94E-06	2.64E-04	2.45E-05	3.15E-04
76	SG_76	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6364.900	9.37E-04	1.98E-03	2.76E-02	1.46E-03	5.10E-07	1.58E-03	3.02E-04	9.41E-05	1.84E-12	4.89E-05	1.30E-07	9.14E-08	1.43E-06	8.92E-07	5.34E-06	8.46E-08	1.93E-06	2.63E-04	2.44E-05	3.14E-04
77	SG_77	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6364.900	9.62E-04	2.03E-03	2.83E-02	1.48E-03	5.23E-07	1.61E-03	3.10E-04	9.66E-05	1.89E-12	5.02E-05	1.33E-07	9.33E-08	1.47E-06	9.15E-07	5.48E-06	8.68E-08	1.98E-06	2.70E-04	2.50E-05	3.22E-04
80	SG_80	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6364.900	1.48E-03	3.13E-03	4.34E-02	2.19E-03	8.06E-07	2.28E-03	4.78E-04	1.49E-04	2.92E-12	7.74E-05	2.04E-07	1.42E-07	2.27E-06	1.41E-06	8.45E-06	1.34E-07	3.05E-06	4.17E-04	3.86E-05	4.97E-04
81	SG_81	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6364.900	1.78E-03	3.75E-03	5.19E-02	2.62E-03	9.66E-07	2.68E-03	5.72E-04	1.79E-04	3.50E-12	9.28E-05	2.45E-07	1.70E-07	2.72E-06	1.69E-06	1.01E-05	1.60E-07	3.66E-06	5.00E-04	4.63E-05	5.95E-04
82	SG_82	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6364.900	2.01E-03	4.23E-03	5.85E-02	2.98E-03	1.09E-06	2.95E-03	6.46E-04	2.02E-04	3.95E-12	1.05E-04	2.76E-07	1.91E-07	3.07E-06	1.91E-06	1.14E-05	1.81E-07	4.13E-06	5.64E-04	5.22E-05	6.72E-04
83	SG_83	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6364.900	2.17E-03	4.56E-03	6.32E-02	3.23E-03	1.18E-06	3.08E-03	6.97E-04	2.18E-04	4.26E-12	1.13E-04	2.97E-07	2.06E-07	3.31E-06	2.06E-06	1.23E-05	1.95E-07	4.46E-06	6.09E-04	5.63E-05	7.25E-04
84	SG_84	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6364.900	2.41E-03	5.07E-03	7.02E-02	3.61E-03	1.31E-06	3.32E-03	7.75E-04	2.42E-04	4.73E-12	1.26E-04	3.30E-07	2.28E-07	3.68E-06	2.28E-06	1.37E-05	2.17E-07	4.96E-06	6.76E-04	6.26E-05	8.06E-04
85	SG_85	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6364.900	2.74E-03	5.78E-03	8.00E-02	4.14E-03	1.49E-06	3.67E-03	8.83E-04	2.76E-04	5.39E-12	1.43E-04	3.76E-07	2.60E-07	4.19E-06	2.60E-06	1.56E-05	2.47E-07	5.65E-06	7.71E-04	7.14E-05	9.19E-04
86	SG_86	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6364.900	3.06E-03	6.44E-03	8.92E-02	4.59E-03	1.66E-06	3.90E-03	9.84E-04	3.07E-04	6.01E-12	1.59E-04	4.19E-07	2.90E-07	4.67E-06	2.90E-06	1.74E-05	2.75E-07	6.30E-06	8.59E-04	7.95E-05	1.02E-03
87	SG_87	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6364.900	3.39E-03	7.14E-03	9.88E-02	5.01E-03	1.84E-06	4.10E-03	1.09E-03	3.40E-04	6.66E-12	1.77E-04	4.65E-07	3.21E-07	5.18E-06	3.21E-06	1.93E-05	3.05E-07	6.98E-06	9.52E-04	8.81E-05	1.13E-03
88	SG_88	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6364.900	3.83E-03	8.08E-03	1.12E-01	5.63E-03	2.08E-06	4.44E-03	1.23E-03	3.85E-04	7.54E-12	2.00E-04	5.26E-07	3.65E-07	5.86E-06	3.64E-06	2.19E-05	3.45E-07	7.90E-06	1.08E-03	9.98E-05	1.28E-03
89	SG_89	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6364.900	5.16E-03	1.09E-02	1.50E-01	7.73E-03	2.80E-06	6.15E-03	1.66E-03	5.19E-04	1.02E-11	2.69E-04	7.09E-07	4.91E-07	7.89E-06	4.90E-06	2.94E-05	4.65E-07	1.06E-05	1.45E-03	1.34E-04	1.73E-03

AQIA DATA - SCENARIO 1 RECREATIONAL

Annual Average Pollutant Concentration (µg/m3) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.35E-02**	**2.84E-02**	**3.91E-01**	**2.04E-02**	**7.34E-06**	**3.00E-02**	**4.35E-03**	**1.36E-03**	**2.66E-11**	**7.05E-04**	**1.86E-06**	**1.29E-06**	**2.06E-05**	**1.28E-05**	**7.70E-05**	**1.22E-06**	**2.78E-05**	**3.80E-03**	**3.51E-04**	**4.53E-03**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**NG_783**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**378.814**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**
						Y	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6367.557**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**
90	SG_90	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6364.900	5.01E-03	1.06E-02	1.46E-01	7.41E-03	2.72E-06	5.64E-03	1.61E-03	5.03E-04	9.85E-12	2.61E-04	6.88E-07	4.77E-07	7.66E-06	4.76E-06	2.86E-05	4.51E-07	1.03E-05	1.41E-03	1.30E-04	1.68E-03
91	SG_91	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6364.900	4.69E-03	9.87E-03	1.37E-01	6.89E-03	2.54E-06	5.07E-03	1.51E-03	4.71E-04	9.21E-12	2.44E-04	6.44E-07	4.47E-07	7.16E-06	4.45E-06	2.67E-05	4.22E-07	9.65E-06	1.32E-03	1.22E-04	1.57E-03
92	SG_92	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6364.900	4.74E-03	9.98E-03	1.38E-01	7.02E-03	2.57E-06	5.08E-03	1.52E-03	4.76E-04	9.31E-12	2.47E-04	6.51E-07	4.52E-07	7.24E-06	4.50E-06	2.70E-05	4.27E-07	9.75E-06	1.33E-03	1.23E-04	1.59E-03
93	SG_93	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6364.900	4.87E-03	1.02E-02	1.42E-01	7.28E-03	2.64E-06	5.20E-03	1.56E-03	4.88E-04	9.55E-12	2.54E-04	6.68E-07	4.64E-07	7.43E-06	4.62E-06	2.77E-05	4.38E-07	1.00E-05	1.37E-03	1.26E-04	1.63E-03
94	SG_94	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.100	1.74E-03	3.67E-03	5.10E-02	2.75E-03	9.53E-07	2.41E-03	5.61E-04	1.75E-04	3.42E-12	9.10E-05	2.44E-07	1.76E-07	2.66E-06	1.67E-06	9.92E-06	1.58E-07	3.58E-06	4.89E-04	4.52E-05	5.83E-04
95	SG_95	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.100	1.72E-03	3.62E-03	5.04E-02	2.73E-03	9.41E-07	2.43E-03	5.54E-04	1.73E-04	3.38E-12	8.99E-05	2.41E-07	1.74E-07	2.63E-06	1.64E-06	9.80E-06	1.56E-07	3.53E-06	4.83E-04	4.47E-05	5.76E-04
96	SG_96	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.100	1.67E-03	3.52E-03	4.90E-02	2.66E-03	9.14E-07	2.41E-03	5.38E-04	1.68E-04	3.28E-12	8.73E-05	2.34E-07	1.69E-07	2.56E-06	1.60E-06	9.52E-06	1.51E-07	3.43E-06	4.69E-04	4.34E-05	5.59E-04
97	SG_97	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.100	1.56E-03	3.29E-03	4.58E-02	2.48E-03	8.55E-07	2.28E-03	5.03E-04	1.57E-04	3.07E-12	8.16E-05	2.19E-07	1.58E-07	2.39E-06	1.49E-06	8.90E-06	1.41E-07	3.21E-06	4.39E-04	4.06E-05	5.23E-04
100	SG_100	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.100	1.54E-03	3.24E-03	4.50E-02	2.46E-03	8.40E-07	2.45E-03	4.94E-04	1.54E-04	3.02E-12	8.02E-05	2.15E-07	1.55E-07	2.35E-06	1.47E-06	8.75E-06	1.39E-07	3.15E-06	4.31E-04	3.99E-05	5.14E-04
101	SG_101	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.100	1.32E-03	2.77E-03	3.86E-02	2.08E-03	7.20E-07	2.06E-03	4.24E-04	1.32E-04	2.59E-12	6.88E-05	1.84E-07	1.33E-07	2.01E-06	1.26E-06	7.50E-06	1.19E-07	2.70E-06	3.70E-04	3.42E-05	4.41E-04
102	SG_102	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.100	1.24E-03	2.61E-03	3.63E-02	1.94E-03	6.76E-07	1.95E-03	3.98E-04	1.24E-04	2.43E-12	6.46E-05	1.73E-07	1.24E-07	1.89E-06	1.18E-06	7.04E-06	1.12E-07	2.54E-06	3.47E-04	3.21E-05	4.14E-04
103	SG_103	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.100	1.19E-03	2.52E-03	3.51E-02	1.86E-03	6.53E-07	1.91E-03	3.84E-04	1.20E-04	2.35E-12	6.23E-05	1.67E-07	1.20E-07	1.83E-06	1.14E-06	6.80E-06	1.08E-07	2.45E-06	3.35E-04	3.10E-05	4.00E-04
104	SG_104	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.100	1.13E-03	2.38E-03	3.31E-02	1.76E-03	6.16E-07	1.83E-03	3.63E-04	1.13E-04	2.21E-12	5.89E-05	1.57E-07	1.13E-07	1.72E-06	1.08E-06	6.42E-06	1.02E-07	2.32E-06	3.17E-04	2.93E-05	3.77E-04
105	SG_105	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.100	1.05E-03	2.22E-03	3.09E-02	1.64E-03	5.74E-07	1.75E-03	3.38E-04	1.06E-04	2.07E-12	5.49E-05	1.46E-07	1.04E-07	1.61E-06	1.00E-06	5.99E-06	9.50E-08	2.16E-06	2.95E-04	2.73E-05	3.52E-04
106	SG_106	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.100	1.03E-03	2.17E-03	3.02E-02	1.60E-03	5.61E-07	1.75E-03	3.31E-04	1.03E-04	2.02E-12	5.37E-05	1.43E-07	1.01E-07	1.57E-06	9.80E-07	5.86E-06	9.28E-08	2.11E-06	2.89E-04	2.67E-05	3.44E-04
107	SG_107	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.100	1.04E-03	2.19E-03	3.05E-02	1.60E-03	5.65E-07	1.79E-03	3.34E-04	1.04E-04	2.04E-12	5.41E-05	1.44E-07	1.01E-07	1.59E-06	9.88E-07	5.91E-06	9.36E-08	2.13E-06	2.91E-04	2.70E-05	3.47E-04
108	SG_108	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.100	1.06E-03	2.24E-03	3.12E-02	1.63E-03	5.78E-07	1.81E-03	3.42E-04	1.07E-04	2.09E-12	5.54E-05	1.47E-07	1.03E-07	1.62E-06	1.01E-06	6.05E-06	9.58E-08	2.19E-06	2.98E-04	2.76E-05	3.56E-04
111	SG_111	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.100	1.71E-03	3.61E-03	5.00E-02	2.52E-03	9.31E-07	2.68E-03	5.51E-04	1.72E-04	3.37E-12	8.93E-05	2.36E-07	1.64E-07	2.62E-06	1.63E-06	9.76E-06	1.54E-07	3.53E-06	4.81E-04	4.45E-05	5.73E-04
112	SG_112	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.100	2.00E-03	4.22E-03	5.84E-02	2.94E-03	1.09E-06	3.06E-03	6.45E-04	2.01E-04	3.94E-12	1.04E-04	2.75E-07	1.91E-07	3.06E-06	1.90E-06	1.14E-05	1.81E-07	4.12E-06	5.63E-04	5.21E-05	6.71E-04
113	SG_113	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.100	2.28E-03	4.79E-03	6.63E-02	3.37E-03	1.23E-06	3.39E-03	7.32E-04	2.29E-04	4.47E-12	1.19E-04	3.12E-07	2.16E-07	3.48E-06	2.16E-06	1.30E-05	2.05E-07	4.68E-06	6.39E-04	5.92E-05	7.62E-04
114	SG_114	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.100	2.48E-03	5.23E-03	7.23E-02	3.69E-03	1.35E-06	3.57E-03	7.99E-04	2.49E-04	4.88E-12	1.29E-04	3.40E-07	2.35E-07	3.79E-06	2.35E-06	1.41E-05	2.23E-07	5.11E-06	6.97E-04	6.45E-05	8.31E-04
115	SG_115	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.100	2.84E-03	5.98E-03	8.26E-02	4.25E-03	1.54E-06	3.94E-03	9.13E-04	2.85E-04	5.58E-12	1.48E-04	3.89E-07	2.68E-07	4.33E-06	2.69E-06	1.62E-05	2.56E-07	5.84E-06	7.97E-04	7.38E-05	9.50E-04
116	SG_116	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.100	3.18E-03	6.71E-03	9.28E-02	4.76E-03	1.73E-06	4.23E-03	1.02E-03	3.20E-04	6.26E-12	1.66E-04	4.36E-07	3.01E-07	4.86E-06	3.02E-06	1.81E-05	2.87E-07	6.56E-06	8.95E-04	8.28E-05	1.07E-03
117	SG_117	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.100	3.59E-03	7.57E-03	1.05E-01	5.31E-03	1.95E-06	4.53E-03	1.16E-03	3.61E-04	7.06E-12	1.87E-04	4.93E-07	3.41E-07	5.49E-06	3.41E-06	2.05E-05	3.24E-07	7.40E-06	1.01E-03	9.34E-05	1.20E-03
118	SG_118	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.100	3.99E-03	8.42E-03	1.16E-01	5.83E-03	2.17E-06	4.79E-03	1.29E-03	4.01E-04	7.85E-12	2.08E-04	5.48E-07	3.80E-07	6.10E-06	3.79E-06	2.28E-05	3.60E-07	8.23E-06	1.12E-03	1.04E-04	1.34E-03
119	SG_119	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.100	4.92E-03	1.04E-02	1.43E-01	7.22E-03	2.67E-06	5.82E-03	1.59E-03	4.95E-04	9.68E-12	2.57E-04	6.76E-07	4.68E-07	7.52E-06	4.67E-06	2.81E-05	4.44E-07	1.01E-05	1.38E-03	1.28E-04	1.65E-03
120	SG_120	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.100	5.03E-03	1.06E-02	1.46E-01	7.34E-03	2.73E-06	5.74E-03	1.62E-03	5.05E-04	9.88E-12	2.62E-04	6.91E-07	4.79E-07	7.68E-06	4.77E-06	2.87E-05	4.53E-07	1.04E-05	1.41E-03	1.31E-04	1.68E-03
121	SG_121	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.100	5.21E-03	1.10E-02	1.52E-01	7.64E-03	2.83E-06	5.86E-03	1.68E-03	5.23E-04	1.02E-11	2.71E-04	7.15E-07	4.96E-07	7.95E-06	4.94E-06	2.97E-05	4.69E-07	1.07E-05	1.46E-03	1.35E-04	1.74E-03
122	SG_122	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.100	5.25E-03	1.11E-02	1.53E-01	7.76E-03	2.85E-06	5.86E-03	1.69E-03	5.27E-04	1.03E-11	2.74E-04	7.21E-07	5.01E-07	8.02E-06	4.98E-06	2.99E-05	4.73E-07	1.08E-05	1.47E-03	1.36E-04	1.76E-03
123	SG_123	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.100	5.60E-03	1.18E-02	1.63E-01	8.38E-03	3.03E-06	6.30E-03	1.80E-03	5.62E-04	1.10E-11	2.92E-04	7.69E-07	5.34E-07	8.54E-06	5.31E-06	3.18E-05	5.04E-07	1.15E-05	1.57E-03	1.45E-04	1.87E-03
124	SG_124	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.100	5.45E-03	1.15E-02	1.59E-01	8.22E-03	2.96E-06	6.06E-03	1.75E-03	5.47E-04	1.07E-11	2.84E-04	7.49E-07	5.20E-07	8.32E-06	5.17E-06	3.10E-05	4.91E-07	1.12E-05	1.53E-03	1.42E-04	1.82E-03
125	SG_125	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.300	1.98E-03	4.17E-03	5.79E-02	3.10E-03	1.08E-06	2.77E-03	6.37E-04	1.99E-04	3.89E-12	1.03E-04	2.77E-07	2.00E-07	3.02E-06	1.89E-06	1.13E-05	1.79E-07	4.06E-06	5.56E-04	5.14E-05	6.62E-04
126	SG_126	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.300	1.95E-03	4.11E-03	5.71E-02	3.06E-03	1.07E-06	2.78E-03	6.28E-04	1.96E-04	3.83E-12	1.02E-04	2.74E-07	1.97E-07	2.98E-06	1.86E-06	1.11E-05	1.76E-07	4.01E-06	5.48E-04	5.07E-05	6.53E-04
127	SG_127	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.300	1.90E-03	4.00E-03	5.55E-02	2.98E-03	1.04E-06	2.76E-03	6.10E-04	1.90E-04	3.73E-12	9.91E-05	2.66E-07	1.92E-07	2.90E-06	1.81E-06	1.08E-05	1.71E-07	3.89E-06	5.33E-04	4.93E-05	6.35E-04
128	SG_128	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.300	1.86E-03	3.91E-03	5.43E-02	2.93E-03	1.02E-06	2.78E-03	5.98E-04	1.86E-04	3.65E-12	9.70E-05	2.61E-07	1.88E-07	2.84E-06	1.78E-06	1.06E-05	1.68E-07	3.81E-06	5.22E-04	4.82E-05	6.22E-04
129	SG_129	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.300	1.87E-03	3.95E-03	5.48E-02	2.98E-03	1.03E-06	2.90E-03	6.04E-04	1.88E-04	3.68E-12	9.80E-05	2.63E-07	1.90E-07	2.87E-06	1.79E-06	1.07E-05	1.70E-07	3.85E-06	5.27E-04	4.87E-05	6.28E-04
130	SG_130	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.300	1.85E-03	3.90E-03	5.41E-02	2.94E-03	1.01E-06	2.94E-03	5.95E-04	1.86E-04	3.63E-12	9.66E-05	2.59E-07	1.87E-07	2.83E-06	1.77E-06	1.05E-05	1.67E-07	3.80E-06	5.19E-04	4.80E-05	6.19E-04
131	SG_131	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.300	1.69E-03	3.57E-03	4.95E-02	2.68E-03	9.26E-07	2.71E-03	5.45E-04	1.70E-04	3.33E-12	8.84E-05	2.37E-07	1.71E-07	2.59E-06	1.62E-06	9.64E-06	1.53E-07	3.48E-06	4.76E-04	4.40E-05	5.67E-04
132	SG_132	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.300	1.55E-03	3.27E-03	4.54E-02	2.45E-03	8.48E-07	2.50E-03	4.99E-04	1.56E-04	3.04E-12	8.10E-05	2.17E-07	1.56E-07	2.37E-06	1.48E-06	8.83E-06	1.40E-07	3.18E-06	4.35E-04	4.03E-05	5.19E-04
133	SG_133	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.300	1.37E-03	2.89E-03	4.02E-02	2.15E-03	7.50E-07	2.21E-03	4.41E-04	1.38E-04	2.69E-12	7.16E-05	1.92E-07	1.38E-07	2.10E-06	1.31E-06	7.81E-06	1.24E-07	2.81E-06	3.85E-04	3.56E-05	4.59E-04
134	SG_134	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.300	1.35E-03	2.84E-03	3.95E-02	2.10E-03	7.37E-07	2.21E-03	4.34E-04	1.35E-04	2.65E-12	7.04E-05	1.89E-07	1.35E-07	2.06E-06	1.29E-06	7.68E-06	1.22E-07	2.77E-06	3.79E-04	3.50E-05	4.51E-04
135	SG_135	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.300	1.27E-03	2.68E-03	3.73E-02	1.98E-03	6.96E-07	2.12E-03	4.10E-04	1.28E-04	2.50E-12	6.65E-05	1.78E-07	1.27E-07	1.95E-06	1.22E-06	7.25E-06	1.15E-07	2.61E-06	3.58E-04	3.31E-05	4.26E-04
136	SG_136	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.300	1.17E-03	2.46E-03	3.43E-02	1.82E-03	6.38E-07	1.98E-03	3.76E-04	1.17E-04	2.30E-12	6.10E-05	1.63E-07	1.16E-07	1.79E-06	1.11E-06	6.66E-06	1.06E-07	2.40E-06	3.28E-04	3.04E-05	3.91E-04
137	SG_137	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.300	1.16E-03	2.44E-03	3.40E-02	1.80E-03	6.32E-07	2.03E-03	3.73E-04	1.16E-04	2.28E-12	6.05E-05	1.61E-07	1.14E-07	1.77E-06	1.11E-06	6.61E-06	1.05E-07	2.38E-06	3.26E-04	3.01E-05	3.88E-04
138	SG_138	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.300	1.15E-03	2.43E-03	3.37E-02	1.77E-03	6.27E-07	2.04E-03	3.71E-04	1.16E-04	2.26E-12	6.01E-05	1.60E-07	1.12E-07	1.76E-06	1.10E-06	6.56E-06	1.04E-07	2.37E-06	3.23E-04	2.99E-05	3.85E-04
139	SG_139	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.300	1.17E-03	2.47E-03	3.43E-02	1.78E-03	6.36E-07	2.04E-03	3.77E-04	1.17E-04	2.30E-12	6.10E-05	1.62E-07	1.13E-07	1.79E-06	1.11E-06	6.66E-06	1.06E-07	2.41E-06	3.29E-04	3.04E-05	3.92E-04
142	SG_142	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.300	1.95E-03	4.10E-03	5.67E-02	2.85E-03	1.06E-06	3.10E-03	6.27E-04	1.96E-04	3.83E-12	1.02E-04	2.68E-07	1.87E-07	2.98E-06	1.85E-06	1.11E-05	1.76E-07	4.01E-06	5.47E-04	5.07E-05	6.52E-04
143	SG_143	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.300	2.32E-03	4.88E-03	6.75E-02	3.40E-03	1.26E-06	3.59E-03	7.46E-04	2.33E-04	4.56E-12	1.21E-04	3.19E-07	2.21E-07	3.54E-06	2.20E-06	1.32E-05	2.09E-07	4.77E-06	6.51E-04	6.03E-05	7.76E-04
144	SG_144	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.300	2.67E-03	5.63E-03	7.77E-02	3.96E-03	1.45E-06	4.04E-03	8.60E-04	2.68E-04	5.25E-12	1.39E-04	3.67E-07	2.54E-07	4.08E-06	2.54E-06	1.52E-05	2.41E-07	5.50E-06	7.51E-04	6.95E-05	8.95E-04
145	SG_145	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.300	2.93E-03	6.16E-03	8.51E-02	4.35E-03	1.59E-06	4.24E-03	9.42E-04	2.94E-04	5.75E-12	1.53E-04	4.01E-07	2.77E-07	4.47E-06	2.78E-06	1.67E-05	2.63E-07	6.03E-06	8.22E-04	7.61E-05	9.80E-04
146	SG_146	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.300	3.36E-03	7.07E-03	9.77E-02	5.00E-03	1.82E-06	4.67E-03	1.08E-03	3.37E-04	6.60E-12	1.75E-04	4.60E-07	3.18E-07	5.13E-06	3.18E-06	1.91E-05	3.02E-07	6.91E-06	9.43E-04	8.73E-05	1.12E-03
147	SG_147	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.300	3.88E-03	8.17E-03	1.13E-01	5.74E-03	2.10E-06	5.13E-03	1.25E-03	3.90E-04	7.62E-12	2.02E-04	5.32E-07	3.67E-07	5.92E-06	3.68E-06	2.21E-05	3.49E-07	7.99E-06	1.09E-03	1.01E-04	1.30E-03
148	SG_148	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.300	4.84E-03	1.02E-02	1.41E-01	7.14E-03	2.63E-06	6.22E-03	1.56E-03	4.86E-04	9.51E-12	2.52E-04	6.64E-07	4.59E-07	7.39E-06	4.59E-06	2.76E-05	4.36E-07	9.97E-06	1.36E-03	1.26E-04	1.62E-03
149	SG_149	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.300	4.89E-03	1.03E-02	1.42E-01	7.08E-03	2.65E-06	5.88E-03	1.57E-03	4.91E-04	9.60E-12	2.55E-04	6.71E-07	4.65E-07	7.46E-06	4.64E-06	2.78E-05	4.40E-07	1.01E-05	1.37E-03	1.27E-04	1.64E-03
150	SG_150	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.300	5.63E-03	1.19E-02	1.64E-01	8.20E-03	3.06E-06	6.70E-03	1.81E-03	5.66E-04	1.11E-11	2.94E-04	7.74E-07	5.37E-07	8.61E-06	5.35E-06	3.21E-05	5.08E-07	1.16E-05	1.58E-03	1.47E-04	1.89E-03
151	SG_151	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.300	5.52E-03	1.16E-02	1.61E-01	8.04E-03	2.99E-06	6.40E-03	1.77E-03	5.54E-04	1.08E-11	2.88E-04	7.58E-07	5.26E-07	8.42E-06	5.23E-06	3.14E-05	4.97E-07	1.14E-05	1.55E-03	1.43E-04	1.85E-03
152	SG_152	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.300	5.64E-03	1.19E-02	1.64E-01	8.29E-03	3.06E-06	6.51E-03	1.81E-03	5.66E-04	1.11E-11	2.94E-04	7.74E-07	5.38E-07	8.60E-06	5.35E-06	3.21E-05	5.07E-07	1.16E-05	1.58E-03	1.46E-04	1.89E-03
153	SG_153	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.300	5.64E-03	1.19E-02	1.64E-01	8.37E-03	3.06E-06	6.48E-03	1.81E-03	5.66E-04	1.11E-11	2.94E-04	7.74E-07	5.38E-07	8.60E-06	5.35E-06	3.21E-05	5.07E-07	1.16E-05	1.58E-03	1.46E-04	1.89E-03
154	SG_154	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.300	5.62E-03	1.18E-02	1.63E-01	8.41E-03	3.05E-06	6.42E-03	1.81E-03	5.63E-04	1.10E-11	2.93E-04	7.71E-07	5.36E-07	8.57E-06	5.33E-06	3.20E-05	5.05E-07	1.15E-05	1.58E-03	1.46E-04	1.88E-03
155	SG_155	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.300	5.51E-03	1.16E-02	1.60E-01	8.32E-03	2.99E-06	6.26E-03	1.77E-03	5.53E-04	1.08E-11	2.87E-04	7.57E-07	5.26E-07	8.41E-06	5.23E-06	3.14E-05	4.96E-07	1.13E-05	1.55E-03	1.43E-04	1.84E-03
156	SG_156	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.500	2.16E-03	4.54E-03	6.30E-02	3.35E-03	1.18E-06	3.06E-03	6.94E-04	2.17E-04	4.24E-12	1.13E-04	3.02E-07	2.18E-07	3.30E-06	2.06E-06	1.23E-05	1.95E-07	4.43E-06	6.06E-04	5.60E-05	7.22E-04
157	SG_157	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.500	2.17E-03	4.58E-03	6.35E-02	3.37E-03	1.19E-06	3.12E-03	7.00E-04	2.18E-04	4.27E-12	1.14E-04	3.05E-07	2.20E-07	3.32E-06	2.08E-06	1.24E-05	1.97E-07	4.46E-06	6.11E-04	5.65E-05	7.28E-04
158	SG_158	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.500	2.26E-03	4.77E-03	6.61E-02	3.53E-03	1.24E-06	3.36E-03	7.28E-04	2.27E-04	4.44E-12	1.18E-04	3.17E-07	2.29E-07	3.46E-06	2.16E-06	1.29E-05	2.05E-07	4.64E-06	6.35E-04	5.88E-05	7.57E-04
159	SG_159	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.500	2.21E-03	4.66E-03	6.46E-02	3.46E-03	1.21E-06	3.37E-03	7.13E-04	2.22E-04	4.35E-12	1.16E-04	3.10E-07	2.24E-07	3.38E-06	2.12E-06	1.26E-05	2.00E-07	4.55E-06	6.22E-04	5.75E-05	7.41E-04
160	SG_160	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.500	2.20E-03	4.64E-03	6.44E-02	3.48E-03	1.21E-06	3.47E-03	7.10E-04	2.21E-04	4.33E-12	1.15E-04	3.09E-07	2.23E-07	3.37E-06	2.11E-06	1.26E-05	1.99E-07	4.53E-06	6.19E-04	5.73E-05	7.38E-04
161	SG_161	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.500	2.09E-03	4.40E-03	6.10E-02	3.29E-03	1.14E-06	3.35E-03	6.72E-04	2.10E-04	4.10E-12	1.09E-04	2.93E-07	2.11E-07	3.19E-06	2.00E-06	1.19E-05	1.89E-07	4.29E-06	5.86E-04	5.42E-05	6.99E-04
162	SG_162	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.500	1.99E-03	4.19E-03	5.81E-02	3.13E-03	1.09E-06	3.26E-03	6.40E-04	2.00E-04	3.91E-12	1.04E-04	2.79E-07	2.01E-07	3.04E-06	1.90E-06	1.13E-05	1.80E-07	4.08E-06	5.59E-04	5.17E-05	6.66E-04
163	SG_163	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.500	1.83E-03	3.86E-03	5.35E-02	2.88E-03	1.00E-06	3.04E-03	5.90E-04	1.84E-04	3.60E-12	9.57E-05	2.57E-07	1.85E-07	2.80E-06	1.75E-06	1.04E-05	1.66E-07	3.76E-06	5.14E-04	4.76E-05	6.13E-04
164	SG_164	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.500	1.63E-03	3.43E-03	4.76E-02	2.54E-03	8.89E-07	2.70E-03	5.23E-04	1.63E-04	3.20E-12	8.49E-05	2.28E-07	1.64E-07	2.49E-06	1.55E-06	9.26E-06	1.47E-07	3.34E-06	4.57E-04	4.22E-05	5.44E-04
165	SG_165	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.500	1.53E-03	3.23E-03	4.49E-02	2.39E-03	8.39E-07	2.58E-03	4.94E-04	1.54E-04	3.01E-12	8.01E-05	2.15E-07	1.54E-07	2.35E-06	1.47E-06	8.74E-06	1.39E-07	3.15E-06	4.31E-04	3.98E-05	5.13E-04
166	SG_166	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.500	1.46E-03	3.08E-03	4.28E-02	2.26E-03	7.99E-07	2.50E-03	4.70E-04	1.47E-04	2.87E-12	7.63E-05	2.04E-07	1.46E-07	2.23E-06	1.40E-06	8.33E-06	1.32E-07	3.00E-06	4.11E-04	3.80E-05	4.89E-04
167	SG_167	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.500	1.35E-03	2.85E-03	3.96E-02	2.09E-03	7.39E-07	2.35E-03	4.36E-04	1.36E-04	2.66E-12	7.07E-05	1.89E-07	1.35E-07	2.07E-06	1.29E-06	7.71E-06	1.22E-07	2.78E-06	3.80E-04	3.52E-05	4.53E-04
168	SG_168	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.500	1.31E-03	2.77E-03	3.84E-02	2.03E-03	7.16E-07	2.35E-03	4.23E-04	1.32E-04	2.58E-12	6.86E-05	1.83E-07	1.30E-07	2.01E-06	1.25E-06	7.48E-06	1.19E-07	2.70E-06	3.69E-04	3.41E-05	4.40E-04
169	SG_169	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.500	1.28E-03	2.69E-03	3.73E-02	1.96E-03	6.95E-07	2.31E-03	4.11E-04	1.28E-04	2.51E-12	6.66E-05	1.77E-07	1.25E-07	1.95E-06	1.21E-06	7.27E-06	1.15E-07	2.62E-06	3.58E-04	3.32E-05	4.27E-04
170	SG_170	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.500	1.33E-03	2.79E-03	3.87E-02	2.01E-03	7.21E-07	2.37E-03	4.26E-04	1.33E-04	2.60E-12	6.91E-05	1.83E-07	1.28E-07	2.02E-06	1.26E-06	7.55E-06	1.19E-07	2.73E-06	3.72E-04	3.44E-05	4.43E-04
173	SG_173	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.500	2.26E-03	4.75E-03	6.56E-02	3.28E-03	1.22E-06	3.65E-03	7.25E-04	2.26E-04	4.43E-12	1.18E-04	3.10E-07	2.16E-07	3.44E-06	2.14E-06	1.28E-05	2.03E-07	4.64E-06	6.33E-04	5.86E-05	7.55E-04
174	SG_174	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.500	2.65E-03	5.58E-03	7.69E-02	3.87E-03	1.44E-06	4.16E-03	8.52E-04	2.66E-04	5.20E-12	1.38E-04	3.64E-07	2.52E-07	4.04E-06	2.51E-06	1.51E-05	2.38E-07	5.45E-06	7.44E-04	6.88E-05	8.86E-04
175	SG_175	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.500	3.05E-03	6.42E-03	8.86E-02	4.50E-03	1.65E-06	4.63E-03	9.81E-04	3.06E-04	5.99E-12	1.59E-04	4.18E-07	2.89E-07	4.66E-06	2.89E-06	1.74E-05	2.74E-07	6.28E-06	8.56E-04	7.93E-05	1.02E-03
176	SG_176	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.500	3.39E-03	7.14E-03	9.86E-02	5.00E-03	1.84E-06	4.91E-03	1.09E-03	3.41E-04	6.66E-12	1.77E-04	4.65E-07	3.21E-07	5.18E-06	3.22E-06	1.93E-05	3.05E-07	6.98E-06	9.53E-04	8.82E-05	1.14E-03
177	SG_177	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.500	4.07E-03	8.57E-03	1.18E-01	5.99E-03	2.21E-06	5.63E-03	1.31E-03	4.09E-04	7.99E-12	2.12E-04	5.58E-07	3.85E-07	6.21E-06	3.86E-06	2.32E-05	3.66E-07	8.38E-06	1.14E-03	1.06E-04	1.36E-03
178	SG_178	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.500	5.31E-03	1.12E-02	1.54E-01	7.84E-03	2.88E-06	7.16E-03	1.71E-03	5.34E-04	1.04E-11	2.77E-04	7.29E-07	5.04E-07	8.11E-06	5.04E-06	3.03E-05	4.78E-07	1.09E-05	1.49E-03	1.38E-04	1.78E-03
179	SG_179	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.500	6.35E-03	1.34E-02	1.84E-01	9.33E-03	3.44E-06	8.29E-03	2.04E-03	6.38E-04	1.25E-11	3.31E-04	8.71E-07	6.03E-07	9.69E-06	6.02E-06	3.62E-05	5.72E-07	1.31E-05	1.78E-03	1.65E-04	2.12E-03
180	SG_180	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.500	6.02E-03	1.27E-02	1.75E-01	8.70E-03	3.26E-06	7.38E-03	1.94E-03	6.04E-04	1.18E-11	3.14E-04	8.26E-07	5.73E-07	9.19E-06	5.71E-06	3.43E-05	5.42E-07	1.24E-05	1.69E-03	1.56E-04	2.01E-03
181	SG_181	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.500	6.44E-03	1.35E-02	1.87E-01	9.37E-03	3.49E-06	7.83E-03	2.07E-03	6.46E-04	1.26E-11	3.35E-04	8.84E-07	6.13E-07	9.83E-06	6.11E-06	3.66E-05	5.79E-07	1.32E-05	1.81E-03	1.67E-04	2.15E-03
182	SG_182	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.500	6.23E-03	1.31E-02	1.81E-01	9.12E-03	3.38E-06	7.48E-03	2.00E-03	6.25E-04	1.22E-11	3.24E-04	8.55E-07	5.94E-07	9.50E-06	5.91E-06	3.54E-05	5.61E-07	1.28E-05	1.75E-03	1.62E-04	2.08E-03

AQIA DATA - SCENARIO 1 RECREATIONAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.35E-02**	**2.84E-02**	**3.91E-01**	**2.04E-02**	**7.34E-06**	**3.00E-02**	**4.35E-03**	**1.36E-03**	**2.66E-11**	**7.05E-04**	**1.86E-06**	**1.29E-06**	**2.06E-05**	**1.28E-05**	**7.70E-05**	**1.22E-06**	**2.78E-05**	**3.80E-03**	**3.51E-04**	**4.53E-03**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**NG_783**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**378.814**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**
						Y	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6367.557**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**
183	SG_183	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.500	6.39E-03	1.34E-02	1.86E-01	9.47E-03	3.46E-06	7.68E-03	2.05E-03	6.41E-04	1.25E-11	3.33E-04	8.77E-07	6.10E-07	9.75E-06	6.06E-06	3.64E-05	5.75E-07	1.31E-05	1.79E-03	1.66E-04	2.14E-03
184	SG_184	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.500	6.30E-03	1.32E-02	1.83E-01	9.42E-03	3.41E-06	7.53E-03	2.02E-03	6.32E-04	1.24E-11	3.28E-04	8.65E-07	6.01E-07	9.61E-06	5.97E-06	3.58E-05	5.67E-07	1.29E-05	1.77E-03	1.64E-04	2.11E-03
185	SG_185	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.500	6.08E-03	1.28E-02	1.77E-01	9.16E-03	3.30E-06	7.21E-03	1.95E-03	6.10E-04	1.19E-11	3.17E-04	8.35E-07	5.80E-07	9.27E-06	5.76E-06	3.46E-05	5.47E-07	1.25E-05	1.71E-03	1.58E-04	2.03E-03
186	SG_186	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.500	5.89E-03	1.24E-02	1.71E-01	8.93E-03	3.20E-06	6.94E-03	1.89E-03	5.91E-04	1.16E-11	3.07E-04	8.09E-07	5.63E-07	8.99E-06	5.59E-06	3.35E-05	5.30E-07	1.21E-05	1.65E-03	1.53E-04	1.97E-03
187	SG_187	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.700	2.37E-03	5.00E-03	6.92E-02	3.70E-03	1.30E-06	3.46E-03	7.63E-04	2.38E-04	4.66E-12	1.24E-04	3.32E-07	2.39E-07	3.63E-06	2.27E-06	1.35E-05	2.14E-07	4.87E-06	6.66E-04	6.16E-05	7.94E-04
188	SG_188	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.700	2.51E-03	5.29E-03	7.32E-02	3.90E-03	1.37E-06	3.72E-03	8.08E-04	2.52E-04	4.93E-12	1.31E-04	3.52E-07	2.53E-07	3.84E-06	2.40E-06	1.43E-05	2.27E-07	5.15E-06	7.05E-04	6.52E-05	8.40E-04
189	SG_189	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.700	2.61E-03	5.49E-03	7.60E-02	4.05E-03	1.43E-06	3.94E-03	8.39E-04	2.62E-04	5.12E-12	1.36E-04	3.65E-07	2.63E-07	3.99E-06	2.49E-06	1.48E-05	2.36E-07	5.35E-06	7.32E-04	6.77E-05	8.72E-04
191	SG_191	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.700	2.66E-03	5.61E-03	7.77E-02	4.17E-03	1.46E-06	4.28E-03	8.58E-04	2.68E-04	5.24E-12	1.39E-04	3.74E-07	2.69E-07	4.07E-06	2.55E-06	1.52E-05	2.41E-07	5.47E-06	7.49E-04	6.92E-05	8.92E-04
192	SG_192	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.700	2.48E-03	5.23E-03	7.23E-02	3.87E-03	1.36E-06	4.05E-03	7.99E-04	2.49E-04	4.88E-12	1.30E-04	3.48E-07	2.51E-07	3.79E-06	2.37E-06	1.41E-05	2.24E-07	5.10E-06	6.97E-04	6.45E-05	8.31E-04
193	SG_193	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.700	2.31E-03	4.87E-03	6.74E-02	3.60E-03	1.26E-06	3.83E-03	7.44E-04	2.32E-04	4.54E-12	1.21E-04	3.24E-07	2.33E-07	3.53E-06	2.21E-06	1.32E-05	2.09E-07	4.74E-06	6.49E-04	6.00E-05	7.74E-04
194	SG_194	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.700	2.17E-03	4.57E-03	6.33E-02	3.38E-03	1.19E-06	3.67E-03	6.98E-04	2.18E-04	4.26E-12	1.13E-04	3.04E-07	2.19E-07	3.32E-06	2.07E-06	1.24E-05	1.96E-07	4.46E-06	6.09E-04	5.64E-05	7.26E-04
195	SG_195	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.700	2.01E-03	4.23E-03	5.86E-02	3.13E-03	1.10E-06	3.46E-03	6.46E-04	2.02E-04	3.94E-12	1.05E-04	2.81E-07	2.02E-07	3.07E-06	1.92E-06	1.14E-05	1.82E-07	4.12E-06	5.64E-04	5.22E-05	6.72E-04
196	SG_196	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.700	1.84E-03	3.87E-03	5.36E-02	2.85E-03	1.00E-06	3.20E-03	5.91E-04	1.84E-04	3.61E-12	9.60E-05	2.57E-07	1.85E-07	2.81E-06	1.76E-06	1.05E-05	1.66E-07	3.77E-06	5.16E-04	4.77E-05	6.15E-04
197	SG_197	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.700	1.70E-03	3.59E-03	4.97E-02	2.62E-03	9.30E-07	2.99E-03	5.48E-04	1.71E-04	3.34E-12	8.89E-05	2.38E-07	1.71E-07	2.60E-06	1.63E-06	9.70E-06	1.54E-07	3.50E-06	4.78E-04	4.42E-05	5.70E-04
198	SG_198	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.700	1.60E-03	3.37E-03	4.67E-02	2.45E-03	8.73E-07	2.85E-03	5.15E-04	1.61E-04	3.14E-12	8.35E-05	2.23E-07	1.60E-07	2.44E-06	1.53E-06	9.11E-06	1.44E-07	3.28E-06	4.49E-04	4.15E-05	5.35E-04
199	SG_199	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.700	1.54E-03	3.24E-03	4.48E-02	2.36E-03	8.37E-07	2.82E-03	4.94E-04	1.54E-04	3.02E-12	8.01E-05	2.14E-07	1.52E-07	2.35E-06	1.46E-06	8.75E-06	1.39E-07	3.16E-06	4.31E-04	3.99E-05	5.14E-04
200	SG_200	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.700	1.47E-03	3.09E-03	4.28E-02	2.24E-03	7.99E-07	2.73E-03	4.72E-04	1.47E-04	2.88E-12	7.66E-05	2.03E-07	1.44E-07	2.24E-06	1.40E-06	8.36E-06	1.32E-07	3.02E-06	4.12E-04	3.81E-05	4.91E-04
201	SG_201	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.700	1.51E-03	3.18E-03	4.40E-02	2.27E-03	8.20E-07	2.76E-03	4.85E-04	1.51E-04	2.96E-12	7.86E-05	2.08E-07	1.46E-07	2.30E-06	1.43E-06	8.59E-06	1.36E-07	3.10E-06	4.23E-04	3.92E-05	5.04E-04
204	SG_204	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.700	2.67E-03	5.61E-03	7.74E-02	3.87E-03	1.45E-06	4.39E-03	8.57E-04	2.68E-04	5.24E-12	1.39E-04	3.66E-07	2.55E-07	4.07E-06	2.53E-06	1.52E-05	2.40E-07	5.48E-06	7.48E-04	6.93E-05	8.92E-04
205	SG_205	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.700	3.12E-03	6.56E-03	9.04E-02	4.55E-03	1.69E-06	4.97E-03	1.00E-03	3.13E-04	6.12E-12	1.62E-04	4.28E-07	2.96E-07	4.76E-06	2.96E-06	1.78E-05	2.81E-07	6.42E-06	8.75E-04	8.10E-05	1.04E-03
206	SG_206	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.700	3.75E-03	7.89E-03	1.09E-01	5.52E-03	2.03E-06	5.75E-03	1.21E-03	3.76E-04	7.36E-12	1.95E-04	5.13E-07	3.55E-07	5.72E-06	3.55E-06	2.13E-05	3.37E-07	7.71E-06	1.05E-03	9.74E-05	1.25E-03
207	SG_207	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.700	4.38E-03	9.22E-03	1.27E-01	6.44E-03	2.37E-06	6.38E-03	1.41E-03	4.40E-04	8.61E-12	2.28E-04	6.00E-07	4.15E-07	6.69E-06	4.15E-06	2.50E-05	3.94E-07	9.02E-06	1.23E-03	1.14E-04	1.47E-03
208	SG_208	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.700	5.41E-03	1.14E-02	1.57E-01	7.90E-03	2.93E-06	7.51E-03	1.74E-03	5.43E-04	1.06E-11	2.82E-04	7.41E-07	5.13E-07	8.25E-06	5.13E-06	3.08E-05	4.87E-07	1.11E-05	1.52E-03	1.41E-04	1.81E-03
209	SG_209	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.700	7.00E-03	1.47E-02	2.03E-01	1.03E-02	3.80E-06	9.53E-03	2.25E-03	7.03E-04	1.37E-11	3.65E-04	9.60E-07	6.65E-07	1.07E-05	6.64E-06	3.99E-05	6.30E-07	1.44E-05	1.97E-03	1.82E-04	2.34E-03
210	SG_210	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.700	6.85E-03	1.44E-02	1.99E-01	9.88E-03	3.72E-06	8.78E-03	2.20E-03	6.88E-04	1.35E-11	3.57E-04	9.41E-07	6.53E-07	1.05E-05	6.50E-06	3.90E-05	6.17E-07	1.41E-05	1.92E-03	1.78E-04	2.29E-03
211	SG_211	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.700	7.23E-03	1.52E-02	2.10E-01	1.05E-02	3.92E-06	9.15E-03	2.32E-03	7.25E-04	1.42E-11	3.77E-04	9.92E-07	6.89E-07	1.10E-05	6.85E-06	4.11E-05	6.51E-07	1.49E-05	2.03E-03	1.88E-04	2.42E-03
212	SG_212	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.700	7.18E-03	1.51E-02	2.08E-01	1.05E-02	3.90E-06	9.03E-03	2.31E-03	7.21E-04	1.41E-11	3.74E-04	9.86E-07	6.85E-07	1.10E-05	6.81E-06	4.09E-05	6.46E-07	1.48E-05	2.02E-03	1.87E-04	2.40E-03
213	SG_213	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.700	7.09E-03	1.49E-02	2.06E-01	1.05E-02	3.84E-06	8.88E-03	2.28E-03	7.11E-04	1.39E-11	3.69E-04	9.73E-07	6.76E-07	1.08E-05	6.72E-06	4.03E-05	6.38E-07	1.46E-05	1.99E-03	1.84E-04	2.37E-03
214	SG_214	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.700	7.16E-03	1.50E-02	2.08E-01	1.07E-02	3.88E-06	8.97E-03	2.30E-03	7.18E-04	1.40E-11	3.73E-04	9.83E-07	6.83E-07	1.09E-05	6.79E-06	4.07E-05	6.44E-07	1.47E-05	2.01E-03	1.86E-04	2.39E-03
215	SG_215	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.700	6.95E-03	1.46E-02	2.02E-01	1.05E-02	3.77E-06	8.66E-03	2.23E-03	6.97E-04	1.36E-11	3.62E-04	9.55E-07	6.64E-07	1.06E-05	6.59E-06	3.96E-05	6.25E-07	1.43E-05	1.95E-03	1.80E-04	2.32E-03
216	SG_216	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.700	6.69E-03	1.41E-02	1.94E-01	1.01E-02	3.63E-06	8.26E-03	2.15E-03	6.71E-04	1.31E-11	3.48E-04	9.18E-07	6.38E-07	1.02E-05	6.34E-06	3.81E-05	6.02E-07	1.37E-05	1.88E-03	1.74E-04	2.24E-03
217	SG_217	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.700	6.41E-03	1.35E-02	1.86E-01	9.74E-03	3.47E-06	7.83E-03	2.06E-03	6.43E-04	1.26E-11	3.34E-04	8.80E-07	6.11E-07	9.77E-06	6.07E-06	3.65E-05	5.76E-07	1.32E-05	1.80E-03	1.66E-04	2.14E-03
221	SG_221	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.900	2.99E-03	6.31E-03	8.72E-02	4.62E-03	1.64E-06	4.70E-03	9.64E-04	3.01E-04	5.89E-12	1.56E-04	4.20E-07	3.02E-07	4.58E-06	2.86E-06	1.71E-05	2.71E-07	6.15E-06	8.42E-04	7.78E-05	1.00E-03
222	SG_222	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.900	3.19E-03	6.73E-03	9.29E-02	4.97E-03	1.75E-06	5.21E-03	1.03E-03	3.21E-04	6.28E-12	1.67E-04	4.48E-07	3.23E-07	4.88E-06	3.05E-06	1.82E-05	2.89E-07	6.56E-06	8.97E-04	8.30E-05	1.07E-03
223	SG_223	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.900	2.95E-03	6.22E-03	8.60E-02	4.55E-03	1.62E-06	4.86E-03	9.51E-04	2.97E-04	5.80E-12	1.54E-04	4.14E-07	2.98E-07	4.52E-06	2.82E-06	1.68E-05	2.67E-07	6.07E-06	8.30E-04	7.67E-05	9.89E-04
224	SG_224	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.900	2.89E-03	6.09E-03	8.42E-02	4.49E-03	1.58E-06	4.92E-03	9.31E-04	2.90E-04	5.68E-12	1.51E-04	4.06E-07	2.92E-07	4.42E-06	2.77E-06	1.65E-05	2.62E-07	5.94E-06	8.13E-04	7.52E-05	9.68E-04
225	SG_225	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.900	2.68E-03	5.64E-03	7.79E-02	4.15E-03	1.46E-06	4.63E-03	8.61E-04	2.69E-04	5.26E-12	1.40E-04	3.75E-07	2.70E-07	4.09E-06	2.56E-06	1.52E-05	2.42E-07	5.50E-06	7.52E-04	6.95E-05	8.96E-04
226	SG_226	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.900	2.48E-03	5.22E-03	7.21E-02	3.84E-03	1.36E-06	4.37E-03	7.98E-04	2.49E-04	4.87E-12	1.29E-04	3.47E-07	2.50E-07	3.79E-06	2.37E-06	1.41E-05	2.24E-07	5.09E-06	6.96E-04	6.44E-05	8.29E-04
227	SG_227	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.900	2.28E-03	4.80E-03	6.64E-02	3.53E-03	1.25E-06	4.10E-03	7.34E-04	2.29E-04	4.48E-12	1.19E-04	3.19E-07	2.30E-07	3.49E-06	2.18E-06	1.30E-05	2.06E-07	4.68E-06	6.41E-04	5.92E-05	7.63E-04
228	SG_228	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.900	2.10E-03	4.42E-03	6.11E-02	3.22E-03	1.15E-06	3.81E-03	6.75E-04	2.11E-04	4.12E-12	1.10E-04	2.94E-07	2.11E-07	3.21E-06	2.00E-06	1.19E-05	1.90E-07	4.31E-06	5.89E-04	5.45E-05	7.02E-04
229	SG_229	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.900	1.94E-03	4.09E-03	5.66E-02	2.96E-03	1.06E-06	3.56E-03	6.25E-04	1.95E-04	3.81E-12	1.01E-04	2.71E-07	1.94E-07	2.97E-06	1.85E-06	1.11E-05	1.75E-07	3.99E-06	5.45E-04	5.04E-05	6.50E-04
230	SG_230	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.900	1.80E-03	3.79E-03	5.25E-02	2.75E-03	9.82E-07	3.38E-03	5.79E-04	1.81E-04	3.54E-12	9.40E-05	2.51E-07	1.78E-07	2.75E-06	1.72E-06	1.03E-05	1.63E-07	3.70E-06	5.06E-04	4.68E-05	6.03E-04
231	SG_231	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.900	1.68E-03	3.54E-03	4.90E-02	2.56E-03	9.16E-07	3.20E-03	5.41E-04	1.69E-04	3.30E-12	8.77E-05	2.33E-07	1.65E-07	2.57E-06	1.60E-06	9.58E-06	1.52E-07	3.46E-06	4.72E-04	4.37E-05	5.63E-04
232	SG_232	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.900	1.75E-03	3.69E-03	5.10E-02	2.63E-03	9.52E-07	3.28E-03	5.63E-04	1.76E-04	3.44E-12	9.13E-05	2.42E-07	1.70E-07	2.67E-06	1.66E-06	9.97E-06	1.58E-07	3.60E-06	4.92E-04	4.55E-05	5.86E-04
233	SG_233	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6365.900	2.08E-03	4.39E-03	6.05E-02	3.07E-03	1.13E-06	3.76E-03	6.70E-04	2.09E-04	4.09E-12	1.09E-04	2.87E-07	2.01E-07	3.18E-06	1.98E-06	1.19E-05	1.88E-07	4.29E-06	5.85E-04	5.41E-05	6.97E-04
236	SG_236	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.900	3.85E-03	8.10E-03	1.12E-01	5.63E-03	2.09E-06	6.22E-03	1.24E-03	3.87E-04	7.56E-12	2.01E-04	5.28E-07	3.65E-07	5.88E-06	3.65E-06	2.19E-05	3.47E-07	7.93E-06	1.08E-03	1.00E-04	1.29E-03
237	SG_237	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.900	4.66E-03	9.81E-03	1.35E-01	6.83E-03	2.53E-06	7.18E-03	1.50E-03	4.68E-04	9.16E-12	2.43E-04	6.39E-07	4.41E-07	7.12E-06	4.42E-06	2.66E-05	4.20E-07	9.60E-06	1.31E-03	1.21E-04	1.56E-03
238	SG_238	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.900	5.72E-03	1.20E-02	1.66E-01	8.33E-03	3.10E-06	8.33E-03	1.84E-03	5.74E-04	1.12E-11	2.98E-04	7.84E-07	5.42E-07	8.73E-06	5.42E-06	3.26E-05	5.15E-07	1.18E-05	1.61E-03	1.49E-04	1.91E-03
239	SG_239	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.900	7.05E-03	1.48E-02	2.04E-01	1.02E-02	3.82E-06	9.81E-03	2.27E-03	7.08E-04	1.39E-11	3.67E-04	9.67E-07	6.70E-07	1.08E-05	6.69E-06	4.02E-05	6.35E-07	1.45E-05	1.98E-03	1.83E-04	2.36E-03
240	SG_240	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.900	7.50E-03	1.58E-02	2.17E-01	1.07E-02	4.07E-06	9.98E-03	2.41E-03	7.53E-04	1.47E-11	3.91E-04	1.03E-06	7.14E-07	1.14E-05	7.11E-06	4.27E-05	6.75E-07	1.54E-05	2.10E-03	1.95E-04	2.51E-03
241	SG_241	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.900	8.10E-03	1.70E-02	2.35E-01	1.17E-02	4.39E-06	1.07E-02	2.60E-03	8.13E-04	1.59E-11	4.22E-04	1.11E-06	7.72E-07	1.24E-05	7.68E-06	4.61E-05	7.29E-07	1.67E-05	2.27E-03	2.10E-04	2.71E-03
244	SG_244	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.900	7.99E-03	1.68E-02	2.32E-01	1.19E-02	4.33E-06	1.05E-02	2.57E-03	8.02E-04	1.57E-11	4.16E-04	1.10E-06	7.63E-07	1.22E-05	7.58E-06	4.55E-05	7.19E-07	1.64E-05	2.24E-03	2.08E-04	2.67E-03
245	SG_245	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.900	7.41E-03	1.56E-02	2.15E-01	1.11E-02	4.01E-06	9.62E-03	2.38E-03	7.43E-04	1.45E-11	3.86E-04	1.02E-06	7.07E-07	1.13E-05	7.02E-06	4.21E-05	6.66E-07	1.52E-05	2.08E-03	1.92E-04	2.47E-03
246	SG_246	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.900	7.05E-03	1.48E-02	2.05E-01	1.06E-02	3.82E-06	9.09E-03	2.27E-03	7.07E-04	1.38E-11	3.67E-04	9.68E-07	6.73E-07	1.08E-05	6.68E-06	4.01E-05	6.34E-07	1.45E-05	1.98E-03	1.83E-04	2.36E-03
247	SG_247	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.900	6.92E-03	1.45E-02	2.01E-01	1.05E-02	3.75E-06	8.84E-03	2.22E-03	6.93E-04	1.36E-11	3.60E-04	9.49E-07	6.60E-07	1.05E-05	6.55E-06	3.93E-05	6.22E-07	1.42E-05	1.94E-03	1.79E-04	2.31E-03
248	SG_248	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.900	6.56E-03	1.38E-02	1.90E-01	9.96E-03	3.56E-06	8.29E-03	2.11E-03	6.58E-04	1.29E-11	3.42E-04	9.01E-07	6.26E-07	1.00E-05	6.22E-06	3.73E-05	5.90E-07	1.35E-05	1.84E-03	1.70E-04	2.19E-03
253	SG_253	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.100	3.55E-03	7.48E-03	1.03E-01	5.46E-03	1.94E-06	5.82E-03	1.14E-03	3.56E-04	6.98E-12	1.85E-04	4.98E-07	3.58E-07	5.43E-06	3.39E-06	2.02E-05	3.21E-07	7.29E-06	9.97E-04	9.22E-05	1.19E-03
254	SG_254	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.100	3.67E-03	7.73E-03	1.07E-01	5.63E-03	2.01E-06	6.16E-03	1.18E-03	3.68E-04	7.21E-12	1.92E-04	5.14E-07	3.70E-07	5.61E-06	3.51E-06	2.09E-05	3.32E-07	7.54E-06	1.03E-03	9.53E-05	1.23E-03
255	SG_255	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.100	3.60E-03	7.57E-03	1.04E-01	5.52E-03	1.97E-06	6.19E-03	1.16E-03	3.61E-04	7.07E-12	1.88E-04	5.04E-07	3.63E-07	5.50E-06	3.44E-06	2.05E-05	3.25E-07	7.38E-06	1.01E-03	9.34E-05	1.20E-03
256	SG_256	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.100	3.38E-03	7.12E-03	9.83E-02	5.20E-03	1.85E-06	5.96E-03	1.09E-03	3.40E-04	6.65E-12	1.77E-04	4.74E-07	3.41E-07	5.17E-06	3.23E-06	1.93E-05	3.06E-07	6.95E-06	9.50E-04	8.79E-05	1.13E-03
257	SG_257	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.100	3.18E-03	6.70E-03	9.24E-02	4.90E-03	1.74E-06	5.76E-03	1.02E-03	3.19E-04	6.25E-12	1.66E-04	4.46E-07	3.21E-07	4.86E-06	3.04E-06	1.81E-05	2.88E-07	6.53E-06	8.93E-04	8.26E-05	1.06E-03
258	SG_258	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.100	2.91E-03	6.12E-03	8.45E-02	4.47E-03	1.59E-06	5.36E-03	9.36E-04	2.92E-04	5.71E-12	1.52E-04	4.07E-07	2.93E-07	4.45E-06	2.78E-06	1.66E-05	2.63E-07	5.97E-06	8.17E-04	7.55E-05	9.74E-04
259	SG_259	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.100	2.65E-03	5.59E-03	7.71E-02	4.07E-03	1.45E-06	4.97E-03	8.54E-04	2.66E-04	5.21E-12	1.39E-04	3.71E-07	2.66E-07	4.06E-06	2.53E-06	1.51E-05	2.40E-07	5.45E-06	7.45E-04	6.89E-05	8.88E-04
260	SG_260	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.100	2.39E-03	5.03E-03	6.94E-02	3.62E-03	1.30E-06	4.50E-03	7.68E-04	2.40E-04	4.69E-12	1.25E-04	3.34E-07	2.39E-07	3.65E-06	2.28E-06	1.36E-05	2.16E-07	4.90E-06	6.71E-04	6.20E-05	7.99E-04
261	SG_261	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.100	2.20E-03	4.63E-03	6.40E-02	3.33E-03	1.20E-06	4.22E-03	7.08E-04	2.21E-04	4.32E-12	1.15E-04	3.06E-07	2.18E-07	3.36E-06	2.10E-06	1.25E-05	1.99E-07	4.52E-06	6.18E-04	5.71E-05	7.36E-04
262	SG_262	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.100	2.06E-03	4.33E-03	5.98E-02	3.11E-03	1.12E-06	4.02E-03	6.61E-04	2.06E-04	4.04E-12	1.07E-04	2.85E-07	2.02E-07	3.14E-06	1.96E-06	1.17E-05	1.85E-07	4.22E-06	5.77E-04	5.34E-05	6.88E-04
263	SG_263	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6366.100	2.11E-03	4.43E-03	6.11E-02	3.14E-03	1.14E-06	4.06E-03	6.77E-04	2.11E-04	4.13E-12	1.10E-04	2.91E-07	2.04E-07	3.21E-06	2.00E-06	1.20E-05	1.90E-07	4.33E-06	5.91E-04	5.47E-05	7.04E-04
264	SG_264	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6366.100	2.60E-03	5.48E-03	7.55E-02	3.81E-03	1.41E-06	4.82E-03	8.37E-04	2.61E-04	5.11E-12	1.36E-04	3.58E-07	2.50E-07	3.97E-06	2.47E-06	1.48E-05	2.34E-07	5.35E-06	7.31E-04	6.76E-05	8.71E-04
270	SG_270	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6366.100	8.77E-03	1.84E-02	2.54E-01	1.26E-02	4.75E-06	1.23E-02	2.82E-03	8.80E-04	1.72E-11	4.57E-04	1.20E-06	8.34E-07	1.34E-05	8.31E-06	4.99E-05	7.89E-07	1.80E-05	2.46E-03	2.28E-04	2.93E-03
271	SG_271	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6366.100	9.67E-03	2.03E-02	2.80E-01	1.40E-02	5.24E-06	1.34E-02	3.11E-03	9.70E-04	1.90E-11	5.03E-04	1.33E-06	9.21E-07	1.47E-05	9.16E-06	5.50E-05	8.70E-07	1.99E-05	2.71E-03	2.51E-04	3.23E-03
279	SG_279	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6366.100	6.91E-03	1.45E-02	2.00E-01	1.04E-02	3.74E-06	9.06E-03	2.22E-03	6.93E-04	1.36E-11	3.60E-04	9.48E-07	6.59E-07	1.05E-05	6.55E-06	3.93E-05	6.21E-07	1.42E-05	1.94E-03	1.79E-04	2.31E-03
284	SG_284	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.300	3.83E-03	8.07E-03	1.11E-01	5.89E-03	2.10E-06	6.41E-03	1.23E-03	3.85E-04	7.53E-12	2.00E-04	5.37E-07	3.86E-07	5.86E-06	3.66E-06	2.18E-05	3.46E-07	7.87E-06	1.08E-03	9.95E-05	1.28E-03
285	SG_285	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.300	4.21E-03	8.86E-03	1.22E-01	6.41E-03	2.30E-06	7.15E-03	1.35E-03	4.22E-04	8.26E-12	2.20E-04	5.89E-07	4.24E-07	6.43E-06	4.02E-06	2.40E-05	3.80E-07	8.64E-06	1.18E-03	1.09E-04	1.41E-03
286	SG_286	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.300	4.37E-03	9.20E-03	1.27E-01	6.63E-03	2.39E-06	7.58E-03	1.41E-03	4.38E-04	8.58E-12	2.28E-04	6.12E-07	4.40E-07	6.68E-06	4.17E-06	2.49E-05	3.95E-07	8.97E-06	1.23E-03	1.13E-04	1.46E-03
287	SG_287	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.300	4.37E-03	9.19E-03	1.27E-01	6.64E-03	2.39E-06	7.80E-03	1.40E-03	4.38E-04	8.57E-12	2.28E-04	6.11E-07	4.40E-07	6.67E-06	4.17E-06	2.49E-05	3.94E-07	8.96E-06	1.23E-03	1.13E-04	1.46E-03
288	SG_288	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.300	4.10E-03	8.62E-03	1.19E-01	6.24E-03	2.24E-06	7.52E-03	1.32E-03	4.11E-04	8.04E-12	2.14E-04	5.73E-07	4.13E-07	6.26E-06	3.91E-06	2.33E-05	3.70E-07	8.40E-06	1.15E-03	1.06E-04	1.37E-03
289	SG_289	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.300	3.78E-03	7.95E-03	1.09E-01	5.76E-03	2.06E-06	7.12E-03	1.21E-03	3.79E-04	7.41E-12	1.97E-04	5.29E-07	3.80E-07	5.77E-06	3.61E-06	2.15E-05	3.41E-07	7.75E-06	1.06E-03	9.80E-05	1.26E-03
290	SG_290	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.300	3.39E-03	7.14E-03	9.84E-02	5.17E-03	1.85E-06	6.51E-03	1.09E-03	3.40E-04	6.66E-12	1.77E-04	4.74E-07	3.41E-07	5.18E-06	3.24E-06	1.93E-05	3.06E-07	6.96E-06	9.52E-04	8.81E-05	1.13E-03
291	SG_291	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.300	3.03E-03	6.38E-03	8.80E-02	4.59E-03	1.66E-06	5.90E-03	9.75E-04	3.04E-04	5.95E-12	1.58E-04	4.24E-07	3.04E-07	4.63E-06	2.89E-06	1.73E-05	2.74E-07	6.23E-06	8.51E-04	7.87E-05	1.01E-03
292	SG_292	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.300	2.82E-03	5.94E-03	8.18E-02	4.25E-03	1.54E-06	5.58E-03	9.08E-04	2.83E-04	5.54E-12	1.47E-04	3.93E-07	2.81E-07	4.31E-06	2.69E-06	1.61E-05	2.55E-07	5.79E-06	7.92E-04	7.33E-05	9.44E-04
293	SG_293	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.300	2.52E-03	5.29E-03	7.30E-02	3.79E-03	1.37E-06	5.05E-03	8.09E-04	2.52E-04	4.94E-12	1.31E-04	3.49E-07	2.47E-07	3.84E-06	2.40E-06	1.43E-05	2.27E-07	5.17E-06	7.06E-04	6.53E-05	8.42E-04
294	SG_294	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6366.300	2.54E-03	5.35E-03	7.37E-02	3.78E-03	1.38E-06	5.05E-03	8.18E-04	2.55E-04	4.99E-12	1.33E-04	3.51E-07	2.47E-07	3.88E-06	2.42E-06	1.45E-05	2.29E-07	5.23E-06	7.14E-04	6.61E-05	8.51E-04
295	SG_295	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6366.300	3.07E-03	6.46E-03	8.88E-02	4.48E-03	1.67E-06	5.82E-03	9.87E-04	3.08E-04	6.03E-12	1.60E-04	4.23E-07	2.95E-07	4.68E-06	2.91E-06	1.75E-05	2.76E-07	6.31E-06	8.61E-04	7.97E-05	1.03E-03
315	SG_315	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.500	3.84E-03	8.09E-03	1.12E-01	5.97E-03	2.10E-06	6.70E-03	1.24E-03	3.86E-04	7.55E-12	2.01E-04	5.37E-07	3.85E-07	5.87E-06	3.67E-06	2.19E-05	3.47E-07	7.89E-06	1.08E-03	9.98E-05	1.29E-03
316	SG_316	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.500	4.42E-03	9.30E-03	1.28E-01	6.76E-03	2.41E-06	7.69E-03	1.42E-03	4.43E-04	8.67E-12	2.31E-04	6.18E-07	4.44E-07	6.75E-06	4.22E-06	2.52E-05	3.99E-07	9.07E-06	1.24E-03	1.15E-04	1.48E-03

AQIA DATA - SCENARIO 1 RECREATIONAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.35E-02**	**2.84E-02**	**3.91E-01**	**2.04E-02**	**7.34E-06**	**3.00E-02**	**4.35E-03**	**1.36E-03**	**2.66E-11**	**7.05E-04**	**1.86E-06**	**1.29E-06**	**2.06E-05**	**1.28E-05**	**7.70E-05**	**1.22E-06**	**2.78E-05**	**3.80E-03**	**3.51E-04**	**4.53E-03**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**NG_783**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**378.814**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**
						Y	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6367.557**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**
317	SG_317	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.500	4.86E-03	1.02E-02	1.41E-01	7.35E-03	2.65E-06	8.54E-03	1.56E-03	4.87E-04	9.53E-12	2.53E-04	6.79E-07	4.88E-07	7.42E-06	4.64E-06	2.76E-05	4.39E-07	9.97E-06	1.36E-03	1.26E-04	1.62E-03
318	SG_318	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.500	5.15E-03	1.08E-02	1.49E-01	7.75E-03	2.81E-06	9.23E-03	1.66E-03	5.16E-04	1.01E-11	2.69E-04	7.20E-07	5.18E-07	7.86E-06	4.91E-06	2.93E-05	4.65E-07	1.06E-05	1.44E-03	1.34E-04	1.72E-03
319	SG_319	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.500	5.40E-03	1.13E-02	1.56E-01	8.17E-03	2.95E-06	1.01E-02	1.73E-03	5.41E-04	1.06E-11	2.81E-04	7.55E-07	5.43E-07	8.24E-06	5.15E-06	3.07E-05	4.87E-07	1.11E-05	1.51E-03	1.40E-04	1.80E-03
320	SG_320	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.500	5.63E-03	1.18E-02	1.63E-01	8.68E-03	3.07E-06	1.11E-02	1.81E-03	5.64E-04	1.10E-11	2.94E-04	7.88E-07	5.67E-07	8.59E-06	5.37E-06	3.20E-05	5.08E-07	1.15E-05	1.58E-03	1.46E-04	1.88E-03
321	SG_321	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.500	5.34E-03	1.12E-02	1.54E-01	8.32E-03	2.92E-06	1.10E-02	1.72E-03	5.35E-04	1.05E-11	2.79E-04	7.47E-07	5.37E-07	8.15E-06	5.10E-06	3.04E-05	4.82E-07	1.10E-05	1.50E-03	1.39E-04	1.79E-03
322	SG_322	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.500	4.56E-03	9.59E-03	1.32E-01	7.03E-03	2.49E-06	9.51E-03	1.47E-03	4.58E-04	8.96E-12	2.38E-04	6.38E-07	4.58E-07	6.97E-06	4.36E-06	2.60E-05	4.12E-07	9.36E-06	1.28E-03	1.18E-04	1.53E-03
323	SG_323	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.500	3.78E-03	7.95E-03	1.09E-01	5.69E-03	2.06E-06	7.78E-03	1.21E-03	3.79E-04	7.42E-12	1.97E-04	5.27E-07	3.77E-07	5.77E-06	3.60E-06	2.15E-05	3.41E-07	7.75E-06	1.06E-03	9.81E-05	1.26E-03
324	SG_324	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.500	3.25E-03	6.84E-03	9.41E-02	4.87E-03	1.77E-06	6.74E-03	1.05E-03	3.26E-04	6.38E-12	1.70E-04	4.52E-07	3.21E-07	4.97E-06	3.10E-06	1.85E-05	2.93E-07	6.68E-06	9.13E-04	8.44E-05	1.09E-03
325	SG_325	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6366.500	3.11E-03	6.53E-03	8.98E-02	4.60E-03	1.69E-06	6.34E-03	9.98E-04	3.11E-04	6.09E-12	1.62E-04	4.29E-07	3.01E-07	4.74E-06	2.95E-06	1.77E-05	2.80E-07	6.38E-06	8.71E-04	8.06E-05	1.04E-03
326	SG_326	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6366.500	4.12E-03	8.66E-03	1.19E-01	5.97E-03	2.24E-06	8.04E-03	1.32E-03	4.13E-04	8.09E-12	2.15E-04	5.67E-07	3.95E-07	6.29E-06	3.91E-06	2.34E-05	3.71E-07	8.47E-06	1.16E-03	1.07E-04	1.38E-03
327	SG_327	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6366.500	5.95E-03	1.25E-02	1.72E-01	8.63E-03	3.23E-06	1.12E-02	1.91E-03	5.97E-04	1.17E-11	3.10E-04	8.16E-07	5.66E-07	9.08E-06	5.64E-06	3.39E-05	5.36E-07	1.22E-05	1.67E-03	1.55E-04	1.99E-03
346	SG_346	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.700	3.58E-03	7.54E-03	1.04E-01	5.72E-03	1.95E-06	6.73E-03	1.15E-03	3.59E-04	7.03E-12	1.87E-04	4.99E-07	3.57E-07	5.47E-06	3.42E-06	2.04E-05	3.23E-07	7.35E-06	1.01E-03	9.30E-05	1.20E-03
347	SG_347	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.700	4.08E-03	8.59E-03	1.18E-01	6.30E-03	2.23E-06	7.45E-03	1.31E-03	4.10E-04	8.02E-12	2.13E-04	5.70E-07	4.08E-07	6.24E-06	3.90E-06	2.32E-05	3.69E-07	8.38E-06	1.15E-03	1.06E-04	1.37E-03
348	SG_348	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.700	4.74E-03	9.97E-03	1.37E-01	7.21E-03	2.59E-06	8.62E-03	1.52E-03	4.76E-04	9.31E-12	2.47E-04	6.62E-07	4.74E-07	7.24E-06	4.52E-06	2.70E-05	4.28E-07	9.73E-06	1.33E-03	1.23E-04	1.59E-03
349	SG_349	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.700	5.62E-03	1.18E-02	1.62E-01	8.52E-03	3.07E-06	1.04E-02	1.81E-03	5.63E-04	1.10E-11	2.93E-04	7.85E-07	5.63E-07	8.58E-06	5.36E-06	3.20E-05	5.07E-07	1.15E-05	1.58E-03	1.46E-04	1.88E-03
350	SG_350	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.700	6.52E-03	1.37E-02	1.88E-01	9.88E-03	3.56E-06	1.24E-02	2.10E-03	6.54E-04	1.28E-11	3.40E-04	9.12E-07	6.55E-07	9.96E-06	6.22E-06	3.71E-05	5.89E-07	1.34E-05	1.83E-03	1.69E-04	2.18E-03
351	SG_351	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.700	7.10E-03	1.49E-02	2.05E-01	1.08E-02	3.88E-06	1.40E-02	2.28E-03	7.11E-04	1.39E-11	3.70E-04	9.92E-07	7.13E-07	1.08E-05	6.77E-06	4.04E-05	6.41E-07	1.46E-05	1.99E-03	1.84E-04	2.37E-03
352	SG_352	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.700	6.97E-03	1.47E-02	2.01E-01	1.06E-02	3.81E-06	1.43E-02	2.24E-03	6.99E-04	1.37E-11	3.64E-04	9.75E-07	7.01E-07	1.06E-05	6.65E-06	3.97E-05	6.29E-07	1.43E-05	1.96E-03	1.81E-04	2.33E-03
353	SG_353	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.700	6.08E-03	1.28E-02	1.75E-01	9.22E-03	3.32E-06	1.28E-02	1.95E-03	6.09E-04	1.19E-11	3.17E-04	8.49E-07	6.10E-07	9.28E-06	5.80E-06	3.46E-05	5.49E-07	1.25E-05	1.70E-03	1.58E-04	2.03E-03
354	SG_354	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.700	5.30E-03	1.11E-02	1.53E-01	7.99E-03	2.89E-06	1.13E-02	1.70E-03	5.31E-04	1.04E-11	2.76E-04	7.39E-07	5.29E-07	8.08E-06	5.05E-06	3.01E-05	4.78E-07	1.09E-05	1.49E-03	1.37E-04	1.77E-03
355	SG_355	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.700	4.72E-03	9.91E-03	1.36E-01	7.05E-03	2.57E-06	1.02E-02	1.52E-03	4.73E-04	9.25E-12	2.46E-04	6.56E-07	4.66E-07	7.20E-06	4.49E-06	2.68E-05	4.25E-07	9.68E-06	1.32E-03	1.22E-04	1.58E-03
377	SG_377	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.900	3.10E-03	6.52E-03	8.99E-02	4.99E-03	1.69E-06	6.15E-03	9.97E-04	3.11E-04	6.09E-12	1.62E-04	4.31E-07	3.06E-07	4.74E-06	2.95E-06	1.77E-05	2.80E-07	6.37E-06	8.70E-04	8.05E-05	1.04E-03
378	SG_378	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.900	3.58E-03	7.52E-03	1.04E-01	5.63E-03	1.95E-06	7.01E-03	1.15E-03	3.59E-04	7.02E-12	1.87E-04	4.98E-07	3.54E-07	5.46E-06	3.41E-06	2.04E-05	3.23E-07	7.34E-06	1.00E-03	9.29E-05	1.20E-03
379	SG_379	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.900	4.29E-03	9.02E-03	1.24E-01	6.68E-03	2.34E-06	8.40E-03	1.38E-03	4.30E-04	8.42E-12	2.24E-04	5.97E-07	4.26E-07	6.55E-06	4.09E-06	2.44E-05	3.87E-07	8.81E-06	1.20E-03	1.11E-04	1.43E-03
380	SG_380	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.900	5.38E-03	1.13E-02	1.55E-01	8.32E-03	2.93E-06	1.06E-02	1.73E-03	5.39E-04	1.05E-11	2.80E-04	7.49E-07	5.35E-07	8.21E-06	5.12E-06	3.06E-05	4.85E-07	1.10E-05	1.51E-03	1.39E-04	1.80E-03
381	SG_381	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.900	6.60E-03	1.39E-02	1.91E-01	1.00E-02	3.60E-06	1.30E-02	2.12E-03	6.62E-04	1.29E-11	3.44E-04	9.21E-07	6.59E-07	1.01E-05	6.29E-06	3.75E-05	5.95E-07	1.35E-05	1.85E-03	1.71E-04	2.21E-03
382	SG_382	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.900	7.94E-03	1.67E-02	2.29E-01	1.19E-02	4.33E-06	1.57E-02	2.55E-03	7.95E-04	1.56E-11	4.14E-04	1.11E-06	7.94E-07	1.21E-05	7.57E-06	4.51E-05	7.16E-07	1.63E-05	2.23E-03	2.06E-04	2.65E-03
383	SG_383	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.900	9.19E-03	1.93E-02	2.65E-01	1.37E-02	5.01E-06	1.87E-02	2.95E-03	9.21E-04	1.80E-11	4.79E-04	1.28E-06	9.21E-07	1.40E-05	8.76E-06	5.22E-05	8.29E-07	1.88E-05	2.58E-03	2.38E-04	3.07E-03
397	SG_397	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6366.900	1.35E-02	2.84E-02	3.91E-01	2.04E-02	7.34E-06	2.25E-02	4.35E-03	1.36E-03	2.66E-11	7.05E-04	1.86E-06	1.29E-06	2.06E-05	1.28E-05	7.70E-05	1.22E-06	2.78E-05	3.80E-03	3.51E-04	4.53E-03
398	SG_398	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6366.900	1.09E-02	2.28E-02	3.14E-01	1.63E-02	5.89E-06	1.76E-02	3.49E-03	1.09E-03	2.13E-11	5.66E-04	1.49E-06	1.04E-06	1.66E-05	1.03E-05	6.18E-05	9.78E-07	2.23E-05	3.05E-03	2.82E-04	3.63E-03
408	SG_408	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.100	3.01E-03	6.33E-03	8.72E-02	4.87E-03	1.64E-06	6.24E-03	9.67E-04	3.02E-04	5.90E-12	1.57E-04	4.17E-07	2.94E-07	4.59E-06	2.86E-06	1.71E-05	2.71E-07	6.18E-06	8.44E-04	7.81E-05	1.01E-03
409	SG_409	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.100	3.43E-03	7.22E-03	9.94E-02	5.54E-03	1.87E-06	7.23E-03	1.10E-03	3.44E-04	6.74E-12	1.79E-04	4.76E-07	3.36E-07	5.24E-06	3.27E-06	1.95E-05	3.09E-07	7.05E-06	9.63E-04	8.91E-05	1.15E-03
412	SG_412	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6367.100	5.94E-03	1.25E-02	1.71E-01	9.18E-03	3.24E-06	1.25E-02	1.91E-03	5.96E-04	1.17E-11	3.10E-04	8.26E-07	5.87E-07	9.07E-06	5.66E-06	3.38E-05	5.36E-07	1.22E-05	1.67E-03	1.54E-04	1.99E-03
413	SG_413	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6367.100	7.58E-03	1.59E-02	2.18E-01	1.15E-02	4.13E-06	1.58E-02	2.44E-03	7.60E-04	1.49E-11	3.95E-04	1.05E-06	7.51E-07	1.16E-05	7.22E-06	4.31E-05	6.83E-07	1.55E-05	2.13E-03	1.97E-04	2.53E-03
414	SG_414	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6367.100	1.01E-02	2.13E-02	2.92E-01	1.52E-02	5.53E-06	2.12E-02	3.26E-03	1.02E-03	1.99E-11	5.28E-04	1.41E-06	1.01E-06	1.55E-05	9.66E-06	5.77E-05	9.14E-07	2.08E-05	2.84E-03	2.63E-04	3.39E-03
438	SG_438	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6367.300	2.84E-03	5.98E-03	8.24E-02	4.69E-03	1.55E-06	5.95E-03	9.14E-04	2.85E-04	5.58E-12	1.48E-04	3.93E-07	2.77E-07	4.34E-06	2.70E-06	1.62E-05	2.56E-07	5.84E-06	7.97E-04	7.38E-05	9.50E-04
439	SG_439	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.300	3.24E-03	6.82E-03	9.39E-02	5.39E-03	1.76E-06	7.03E-03	1.04E-03	3.25E-04	6.36E-12	1.69E-04	4.49E-07	3.16E-07	4.95E-06	3.08E-06	1.85E-05	2.92E-07	6.66E-06	9.10E-04	8.42E-05	1.08E-03
440	SG_440	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.300	3.50E-03	7.35E-03	1.01E-01	5.64E-03	1.90E-06	7.51E-03	1.12E-03	3.51E-04	6.86E-12	1.82E-04	4.84E-07	3.41E-07	5.33E-06	3.32E-06	1.99E-05	3.15E-07	7.18E-06	9.81E-04	9.07E-05	1.17E-03
442	SG_442	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6367.300	4.80E-03	1.01E-02	1.39E-01	7.67E-03	2.61E-06	1.07E-02	1.54E-03	4.82E-04	9.42E-12	2.50E-04	6.65E-07	4.69E-07	7.33E-06	4.57E-06	2.73E-05	4.33E-07	9.86E-06	1.35E-03	1.25E-04	1.61E-03
443	SG_443	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6367.300	5.76E-03	1.21E-02	1.66E-01	8.99E-03	3.13E-06	1.29E-02	1.85E-03	5.77E-04	1.13E-11	3.00E-04	7.97E-07	5.63E-07	8.78E-06	5.47E-06	3.27E-05	5.19E-07	1.18E-05	1.61E-03	1.49E-04	1.92E-03
444	SG_444	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6367.300	7.24E-03	1.52E-02	2.08E-01	1.12E-02	3.94E-06	1.64E-02	2.33E-03	7.26E-04	1.42E-11	3.77E-04	1.00E-06	7.09E-07	1.10E-05	6.88E-06	4.12E-05	6.52E-07	1.49E-05	2.03E-03	1.88E-04	2.42E-03
445	SG_445	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6367.300	9.79E-03	2.06E-02	2.82E-01	1.52E-02	5.32E-06	2.27E-02	3.14E-03	9.81E-04	1.92E-11	5.10E-04	1.36E-06	9.61E-07	1.49E-05	9.31E-06	5.57E-05	8.82E-07	2.01E-05	2.74E-03	2.54E-04	3.27E-03
467	SG_467	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6367.500	2.23E-03	4.69E-03	6.48E-02	3.69E-03	1.21E-06	4.43E-03	7.17E-04	2.24E-04	4.37E-12	1.16E-04	3.08E-07	2.17E-07	3.40E-06	2.12E-06	1.27E-05	2.01E-07	4.58E-06	6.25E-04	5.79E-05	7.45E-04
468	SG_468	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6367.500	2.54E-03	5.35E-03	7.38E-02	4.25E-03	1.38E-06	5.23E-03	8.17E-04	2.55E-04	4.99E-12	1.32E-04	3.51E-07	2.47E-07	3.88E-06	2.42E-06	1.45E-05	2.29E-07	5.22E-06	7.13E-04	6.60E-05	8.50E-04
469	SG_469	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6367.500	2.91E-03	6.11E-03	8.43E-02	4.91E-03	1.58E-06	6.22E-03	9.35E-04	2.92E-04	5.71E-12	1.52E-04	4.02E-07	2.83E-07	4.44E-06	2.76E-06	1.65E-05	2.62E-07	5.98E-06	8.16E-04	7.55E-05	9.72E-04
470	SG_470	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.500	3.11E-03	6.53E-03	8.99E-02	5.08E-03	1.69E-06	6.57E-03	9.98E-04	3.11E-04	6.09E-12	1.62E-04	4.29E-07	3.02E-07	4.74E-06	2.95E-06	1.77E-05	2.80E-07	6.38E-06	8.71E-04	8.06E-05	1.04E-03
471	SG_471	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.500	3.45E-03	7.25E-03	9.98E-02	5.56E-03	1.88E-06	7.37E-03	1.11E-03	3.46E-04	6.77E-12	1.80E-04	4.77E-07	3.36E-07	5.26E-06	3.28E-06	1.96E-05	3.11E-07	7.08E-06	9.67E-04	8.95E-05	1.15E-03
472	SG_472	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6367.500	3.88E-03	8.16E-03	1.12E-01	6.16E-03	2.11E-06	8.38E-03	1.25E-03	3.90E-04	7.62E-12	2.02E-04	5.37E-07	3.79E-07	5.93E-06	3.69E-06	2.21E-05	3.50E-07	7.98E-06	1.09E-03	1.01E-04	1.30E-03
473	SG_473	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6367.500	4.66E-03	9.80E-03	1.35E-01	7.39E-03	2.53E-06	1.03E-02	1.50E-03	4.68E-04	9.15E-12	2.43E-04	6.45E-07	4.54E-07	7.11E-06	4.43E-06	2.65E-05	4.20E-07	9.57E-06	1.31E-03	1.21E-04	1.56E-03
474	SG_474	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6367.500	5.81E-03	1.22E-02	1.67E-01	9.23E-03	3.16E-06	1.33E-02	1.87E-03	5.83E-04	1.14E-11	3.03E-04	8.03E-07	5.66E-07	8.86E-06	5.52E-06	3.30E-05	5.23E-07	1.19E-05	1.63E-03	1.51E-04	1.94E-03
497	SG_497	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6367.700	2.00E-03	4.20E-03	5.82E-02	3.38E-03	1.09E-06	3.92E-03	6.43E-04	2.01E-04	3.92E-12	1.04E-04	2.76E-07	1.94E-07	3.05E-06	1.90E-06	1.14E-05	1.80E-07	4.11E-06	5.61E-04	5.19E-05	6.68E-04
498	SG_498	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6367.700	2.23E-03	4.69E-03	6.49E-02	3.77E-03	1.21E-06	4.50E-03	7.18E-04	2.24E-04	4.38E-12	1.16E-04	3.08E-07	2.17E-07	3.41E-06	2.12E-06	1.27E-05	2.01E-07	4.59E-06	6.26E-04	5.80E-05	7.46E-04
500	SG_500	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6367.700	2.72E-03	5.72E-03	7.89E-02	4.53E-03	1.48E-06	5.68E-03	8.75E-04	2.73E-04	5.34E-12	1.42E-04	3.76E-07	2.64E-07	4.15E-06	2.59E-06	1.55E-05	2.45E-07	5.59E-06	7.63E-04	7.06E-05	9.10E-04
501	SG_501	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.700	2.95E-03	6.21E-03	8.56E-02	4.81E-03	1.60E-06	6.19E-03	9.49E-04	2.96E-04	5.79E-12	1.54E-04	4.08E-07	2.87E-07	4.50E-06	2.81E-06	1.68E-05	2.66E-07	6.06E-06	8.28E-04	7.66E-05	9.87E-04
502	SG_502	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.700	3.36E-03	7.07E-03	9.73E-02	5.45E-03	1.83E-06	7.21E-03	1.08E-03	3.37E-04	6.60E-12	1.75E-04	4.65E-07	3.27E-07	5.13E-06	3.19E-06	1.91E-05	3.03E-07	6.91E-06	9.43E-04	8.73E-05	1.12E-03
503	SG_503	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6367.700	3.85E-03	8.09E-03	1.11E-01	6.20E-03	2.09E-06	8.42E-03	1.24E-03	3.86E-04	7.55E-12	2.01E-04	5.32E-07	3.74E-07	5.87E-06	3.66E-06	2.19E-05	3.47E-07	7.91E-06	1.08E-03	9.99E-05	1.29E-03
526	SG_526	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6367.700	3.41E-03	7.18E-03	9.98E-02	5.54E-03	1.85E-06	5.36E-03	1.10E-03	3.42E-04	6.70E-12	1.78E-04	4.70E-07	3.29E-07	5.21E-06	3.24E-06	1.94E-05	3.07E-07	7.02E-06	9.58E-04	8.86E-05	1.14E-03
528	SG_528	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6367.900	1.99E-03	4.19E-03	5.81E-02	3.40E-03	1.08E-06	3.91E-03	6.41E-04	2.00E-04	3.91E-12	1.04E-04	2.75E-07	1.93E-07	3.04E-06	1.89E-06	1.13E-05	1.80E-07	4.10E-06	5.59E-04	5.18E-05	6.67E-04
529	SG_529	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6367.900	2.27E-03	4.77E-03	6.59E-02	3.90E-03	1.23E-06	4.61E-03	7.29E-04	2.27E-04	4.45E-12	1.18E-04	3.13E-07	2.20E-07	3.46E-06	2.15E-06	1.29E-05	2.04E-07	4.66E-06	6.36E-04	5.89E-05	7.58E-04
532	SG_532	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.900	3.05E-03	6.40E-03	8.82E-02	5.06E-03	1.65E-06	6.47E-03	9.79E-04	3.05E-04	5.97E-12	1.59E-04	4.20E-07	2.95E-07	4.65E-06	2.89E-06	1.73E-05	2.74E-07	6.25E-06	8.54E-04	7.90E-05	1.02E-03
533	SG_533	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.900	3.39E-03	7.12E-03	9.81E-02	5.56E-03	1.84E-06	7.28E-03	1.09E-03	3.40E-04	6.65E-12	1.77E-04	4.68E-07	3.29E-07	5.17E-06	3.22E-06	1.93E-05	3.05E-07	6.96E-06	9.51E-04	8.80E-05	1.13E-03
534	SG_534	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6367.900	3.86E-03	8.11E-03	1.12E-01	6.28E-03	2.10E-06	8.45E-03	1.24E-03	3.87E-04	7.57E-12	2.01E-04	5.33E-07	3.75E-07	5.89E-06	3.67E-06	2.20E-05	3.48E-07	7.93E-06	1.08E-03	1.00E-04	1.29E-03
557	SG_557	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6367.900	3.03E-03	6.36E-03	8.86E-02	5.01E-03	1.64E-06	4.74E-03	9.73E-04	3.04E-04	5.94E-12	1.58E-04	4.17E-07	2.91E-07	4.62E-06	2.87E-06	1.72E-05	2.72E-07	6.22E-06	8.49E-04	7.86E-05	1.01E-03
558	SG_558	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6367.900	2.78E-03	5.85E-03	8.16E-02	4.61E-03	1.51E-06	4.26E-03	8.95E-04	2.79E-04	5.46E-12	1.45E-04	3.83E-07	2.68E-07	4.25E-06	2.64E-06	1.58E-05	2.51E-07	5.72E-06	7.81E-04	7.23E-05	9.30E-04
559	SG_559	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.100	2.08E-03	4.38E-03	6.07E-02	3.63E-03	1.13E-06	4.12E-03	6.70E-04	2.09E-04	4.09E-12	1.09E-04	2.88E-07	2.02E-07	3.18E-06	1.98E-06	1.19E-05	1.88E-07	4.28E-06	5.85E-04	5.41E-05	6.97E-04
560	SG_560	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.100	2.35E-03	4.93E-03	6.82E-02	4.09E-03	1.27E-06	4.79E-03	7.54E-04	2.35E-04	4.60E-12	1.22E-04	3.24E-07	2.27E-07	3.58E-06	2.23E-06	1.33E-05	2.11E-07	4.82E-06	6.58E-04	6.09E-05	7.84E-04
561	SG_561	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.100	2.44E-03	5.12E-03	7.08E-02	4.13E-03	1.32E-06	4.93E-03	7.83E-04	2.44E-04	4.78E-12	1.27E-04	3.36E-07	2.36E-07	3.72E-06	2.31E-06	1.39E-05	2.19E-07	5.01E-06	6.84E-04	6.33E-05	8.15E-04
562	SG_562	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.100	2.76E-03	5.81E-03	8.02E-02	4.68E-03	1.50E-06	5.74E-03	8.88E-04	2.77E-04	5.42E-12	1.44E-04	3.81E-07	2.67E-07	4.21E-06	2.62E-06	1.57E-05	2.49E-07	5.67E-06	7.75E-04	7.17E-05	9.23E-04
564	SG_564	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.100	3.43E-03	7.21E-03	9.94E-02	5.74E-03	1.86E-06	7.37E-03	1.10E-03	3.44E-04	6.73E-12	1.79E-04	4.74E-07	3.33E-07	5.24E-06	3.26E-06	1.95E-05	3.09E-07	7.05E-06	9.63E-04	8.91E-05	1.15E-03
565	SG_565	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.100	3.90E-03	8.19E-03	1.13E-01	6.50E-03	2.12E-06	8.53E-03	1.25E-03	3.91E-04	7.65E-12	2.03E-04	5.38E-07	3.78E-07	5.95E-06	3.70E-06	2.22E-05	3.51E-07	8.01E-06	1.09E-03	1.01E-04	1.30E-03
589	SG_589	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6368.100	2.75E-03	5.79E-03	8.08E-02	4.60E-03	1.50E-06	4.25E-03	8.85E-04	2.76E-04	5.41E-12	1.44E-04	3.79E-07	2.65E-07	4.20E-06	2.61E-06	1.57E-05	2.48E-07	5.66E-06	7.73E-04	7.15E-05	9.21E-04
590	SG_590	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.300	2.07E-03	4.36E-03	6.04E-02	3.62E-03	1.13E-06	4.03E-03	6.67E-04	2.08E-04	4.07E-12	1.08E-04	2.86E-07	2.01E-07	3.17E-06	1.97E-06	1.18E-05	1.87E-07	4.26E-06	5.82E-04	5.39E-05	6.94E-04
591	SG_591	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.300	2.34E-03	4.92E-03	6.80E-02	4.10E-03	1.27E-06	4.69E-03	7.52E-04	2.35E-04	4.59E-12	1.22E-04	3.23E-07	2.26E-07	3.57E-06	2.22E-06	1.33E-05	2.11E-07	4.81E-06	6.56E-04	6.07E-05	7.82E-04
592	SG_592	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.300	2.54E-03	5.34E-03	7.38E-02	4.42E-03	1.38E-06	5.17E-03	8.16E-04	2.55E-04	4.98E-12	1.32E-04	3.50E-07	2.45E-07	3.87E-06	2.41E-06	1.44E-05	2.29E-07	5.21E-06	7.12E-04	6.59E-05	8.48E-04
593	SG_593	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.300	2.73E-03	5.75E-03	7.94E-02	4.72E-03	1.48E-06	5.62E-03	8.79E-04	2.74E-04	5.36E-12	1.42E-04	3.77E-07	2.64E-07	4.17E-06	2.60E-06	1.56E-05	2.46E-07	5.62E-06	7.67E-04	7.10E-05	9.14E-04
594	SG_594	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.300	2.99E-03	6.28E-03	8.67E-02	5.13E-03	1.62E-06	6.23E-03	9.60E-04	3.00E-04	5.86E-12	1.56E-04	4.12E-07	2.89E-07	4.56E-06	2.84E-06	1.70E-05	2.69E-07	6.14E-06	8.38E-04	7.76E-05	9.99E-04
595	SG_595	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.300	3.36E-03	7.05E-03	9.72E-02	5.78E-03	1.82E-06	7.16E-03	1.08E-03	3.36E-04	6.58E-12	1.75E-04	4.63E-07	3.25E-07	5.12E-06	3.19E-06	1.91E-05	3.02E-07	6.89E-06	9.41E-04	8.71E-05	1.12E-03
597	SG_597	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6368.300	4.26E-03	8.95E-03	1.23E-01	7.37E-03	2.31E-06	9.47E-03	1.37E-03	4.27E-04	8.35E-12	2.22E-04	5.87E-07	4.12E-07	6.50E-06	4.04E-06	2.42E-05	3.83E-07	8.75E-06	1.19E-03	1.11E-04	1.42E-03
621	SG_621	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.500	2.09E-03	4.40E-03	6.09E-02	3.70E-03	1.13E-06	4.01E-03	6.72E-04	2.10E-04	4.10E-12	1.09E-04	2.88E-07	2.02E-07	3.19E-06	1.98E-06	1.19E-05	1.88E-07	4.29E-06	5.86E-04	5.43E-05	6.99E-04
622	SG_622	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.500	2.23E-03	4.70E-03	6.50E-02	3.93E-03	1.21E-06	4.35E-03	7.18E-04	2.24E-04	4.38E-12	1.16E-04	3.08E-07	2.16E-07	3.41E-06	2.12E-06	1.27E-05	2.01E-07	4.59E-06	6.27E-04	5.80E-05	7.47E-04
623	SG_623	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.500	2.42E-03	5.09E-03	7.04E-02	4.26E-03	1.31E-06	4.81E-03	7.77E-04	2.43E-04	4.75E-12	1.26E-04	3.34E-07	2.34E-07	3.69E-06	2.30E-06	1.38E-05	2.18E-07	4.97E-06	6.79E-04	6.28E-05	8.09E-04
624	SG_624	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.500	2.71E-03	5.69E-03	7.87E-02	4.81E-03	1.47E-06	5.55E-03	8.70E-04	2.72E-04	5.31E-12	1.41E-04	3.73E-07	2.61E-07	4.13E-06	2.57E-06	1.54E-05	2.44E-07	5.56E-06	7.59E-04	7.03E-05	9.05E-04
625	SG_625	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.500	3.01E-03	6.34E-03	8.75E-02	5.42E-03	1.64E-06	6.36E-03	9.69E-04	3.02E-04	5.91E-12	1.57E-04	4.15E-07	2.91E-07	4.60E-06	2.86E-06	1.71E-05	2.71E-07	6.19E-06	8.45E-04	7.82E-05	1.01E-03
626	SG_626	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.500	3.17E-03	6.66E-03	9.19E-02	5.64E-03	1.72E-06	6.71E-03	1.02E-03	3.18E-04	6.21E-12	1.65E-04	4.37E-07	3.06E-07	4.83E-06	3.01E-06	1.80E-05	2.85E-07	6.51E-06	8.88E-04	8.22E-05	1.06E-03
627	SG_627	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.500	3.40E-03	7.14E-03	9.85E-02	6.04E-03	1.84E-06	7.30E-03	1.09E-03	3.41E-04	6.67E-12	1.77E-04	4.68E-07	3.28E-07	5.18E-06	3.23E-06	1.93E-05	3.06E-07	6.98E-06	9.53E-04	8.82E-05	1.14E-03

AQIA DATA - SCENARIO 1 RECREATIONAL

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.35E-02**	**2.84E-02**	**3.91E-01**	**2.04E-02**	**7.34E-06**	**3.00E-02**	**4.35E-03**	**1.36E-03**	**2.66E-11**	**7.05E-04**	**1.86E-06**	**1.29E-06**	**2.06E-05**	**1.28E-05**	**7.70E-05**	**1.22E-06**	**2.78E-05**	**3.80E-03**	**3.51E-04**	**4.53E-03**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**NG_783**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**378.814**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**
						Y	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6367.557**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**
652	SG_652	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.700	2.12E-03	4.45E-03	6.18E-02	3.84E-03	1.15E-06	4.03E-03	6.81E-04	2.12E-04	4.16E-12	1.10E-04	2.92E-07	2.04E-07	3.23E-06	2.01E-06	1.21E-05	1.91E-07	4.35E-06	5.94E-04	5.50E-05	7.08E-04
653	SG_653	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.700	2.22E-03	4.67E-03	6.47E-02	4.00E-03	1.20E-06	4.28E-03	7.13E-04	2.23E-04	4.35E-12	1.16E-04	3.06E-07	2.14E-07	3.39E-06	2.11E-06	1.26E-05	2.00E-07	4.56E-06	6.22E-04	5.76E-05	7.42E-04
654	SG_654	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.700	2.37E-03	4.98E-03	6.89E-02	4.27E-03	1.28E-06	4.66E-03	7.61E-04	2.37E-04	4.64E-12	1.23E-04	3.26E-07	2.28E-07	3.61E-06	2.25E-06	1.35E-05	2.13E-07	4.86E-06	6.64E-04	6.14E-05	7.91E-04
655	SG_655	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.700	2.52E-03	5.30E-03	7.33E-02	4.56E-03	1.37E-06	5.05E-03	8.10E-04	2.53E-04	4.94E-12	1.31E-04	3.47E-07	2.43E-07	3.84E-06	2.39E-06	1.43E-05	2.27E-07	5.18E-06	7.07E-04	6.54E-05	8.42E-04
656	SG_656	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.700	2.67E-03	5.62E-03	7.78E-02	4.86E-03	1.45E-06	5.47E-03	8.59E-04	2.68E-04	5.25E-12	1.39E-04	3.69E-07	2.58E-07	4.08E-06	2.54E-06	1.52E-05	2.41E-07	5.49E-06	7.50E-04	6.94E-05	8.94E-04
657	SG_657	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.700	2.88E-03	6.05E-03	8.36E-02	5.29E-03	1.56E-06	6.03E-03	9.24E-04	2.88E-04	5.64E-12	1.50E-04	3.96E-07	2.78E-07	4.39E-06	2.73E-06	1.64E-05	2.59E-07	5.91E-06	8.07E-04	7.47E-05	9.61E-04
658	SG_658	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.700	3.08E-03	6.47E-03	8.93E-02	5.70E-03	1.67E-06	6.58E-03	9.88E-04	3.08E-04	6.03E-12	1.60E-04	4.24E-07	2.97E-07	4.69E-06	2.92E-06	1.75E-05	2.77E-07	6.32E-06	8.62E-04	7.98E-05	1.03E-03
659	SG_659	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6368.700	3.23E-03	6.78E-03	9.37E-02	5.96E-03	1.75E-06	6.95E-03	1.04E-03	3.23E-04	6.33E-12	1.68E-04	4.45E-07	3.12E-07	4.92E-06	3.06E-06	1.83E-05	2.90E-07	6.63E-06	9.05E-04	8.37E-05	1.08E-03
683	SG_683	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.900	2.06E-03	4.34E-03	6.02E-02	3.80E-03	1.12E-06	3.85E-03	6.63E-04	2.07E-04	4.05E-12	1.07E-04	2.84E-07	1.99E-07	3.15E-06	1.96E-06	1.17E-05	1.86E-07	4.24E-06	5.79E-04	5.36E-05	6.90E-04
684	SG_684	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.900	2.22E-03	4.67E-03	6.48E-02	4.14E-03	1.21E-06	4.27E-03	7.14E-04	2.23E-04	4.36E-12	1.16E-04	3.06E-07	2.14E-07	3.39E-06	2.11E-06	1.26E-05	2.00E-07	4.57E-06	6.23E-04	5.77E-05	7.43E-04
685	SG_685	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.900	2.36E-03	4.96E-03	6.88E-02	4.43E-03	1.28E-06	4.66E-03	7.59E-04	2.37E-04	4.63E-12	1.23E-04	3.25E-07	2.27E-07	3.60E-06	2.24E-06	1.34E-05	2.12E-07	4.85E-06	6.62E-04	6.13E-05	7.89E-04
686	SG_686	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.900	2.42E-03	5.08E-03	7.04E-02	4.54E-03	1.31E-06	4.84E-03	7.76E-04	2.42E-04	4.74E-12	1.26E-04	3.33E-07	2.33E-07	3.69E-06	2.29E-06	1.37E-05	2.17E-07	4.96E-06	6.78E-04	6.27E-05	8.07E-04
687	SG_687	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.900	2.49E-03	5.24E-03	7.26E-02	4.69E-03	1.35E-06	5.06E-03	8.01E-04	2.50E-04	4.89E-12	1.30E-04	3.43E-07	2.40E-07	3.80E-06	2.37E-06	1.42E-05	2.24E-07	5.12E-06	6.99E-04	6.47E-05	8.33E-04
688	SG_688	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.900	2.60E-03	5.46E-03	7.57E-02	4.91E-03	1.41E-06	5.36E-03	8.35E-04	2.61E-04	5.10E-12	1.35E-04	3.58E-07	2.51E-07	3.96E-06	2.47E-06	1.48E-05	2.34E-07	5.34E-06	7.29E-04	6.74E-05	8.68E-04
689	SG_689	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.900	2.69E-03	5.65E-03	7.83E-02	5.06E-03	1.46E-06	5.56E-03	8.64E-04	2.69E-04	5.27E-12	1.40E-04	3.71E-07	2.60E-07	4.10E-06	2.55E-06	1.53E-05	2.42E-07	5.52E-06	7.54E-04	6.97E-05	8.98E-04
690	SG_690	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6368.900	2.87E-03	6.03E-03	8.35E-02	5.33E-03	1.56E-06	5.91E-03	9.21E-04	2.87E-04	5.62E-12	1.49E-04	3.96E-07	2.78E-07	4.37E-06	2.72E-06	1.63E-05	2.58E-07	5.89E-06	8.04E-04	7.44E-05	9.58E-04
691	SG_691	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6368.900	3.26E-03	6.86E-03	9.49E-02	5.94E-03	1.77E-06	6.66E-03	1.05E-03	3.27E-04	6.40E-12	1.70E-04	4.50E-07	3.16E-07	4.97E-06	3.10E-06	1.85E-05	2.94E-07	6.70E-06	9.14E-04	8.46E-05	1.09E-03
692	SG_692	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6368.900	4.01E-03	8.42E-03	1.16E-01	7.12E-03	2.18E-06	8.13E-03	1.29E-03	4.02E-04	7.86E-12	2.09E-04	5.54E-07	3.89E-07	6.11E-06	3.81E-06	2.28E-05	3.61E-07	8.23E-06	1.12E-03	1.04E-04	1.34E-03
693	SG_693	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6368.900	4.92E-03	1.04E-02	1.43E-01	8.52E-03	2.68E-06	9.98E-03	1.58E-03	4.94E-04	9.66E-12	2.57E-04	6.80E-07	4.79E-07	7.51E-06	4.68E-06	2.80E-05	4.43E-07	1.01E-05	1.38E-03	1.28E-04	1.65E-03
714	SG_714	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.100	2.01E-03	4.24E-03	5.89E-02	3.81E-03	1.09E-06	3.72E-03	6.48E-04	2.02E-04	3.95E-12	1.05E-04	2.77E-07	1.94E-07	3.07E-06	1.91E-06	1.15E-05	1.81E-07	4.14E-06	5.65E-04	5.23E-05	6.74E-04
715	SG_715	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.100	2.11E-03	4.44E-03	6.17E-02	4.04E-03	1.15E-06	4.01E-03	6.79E-04	2.12E-04	4.15E-12	1.10E-04	2.91E-07	2.03E-07	3.22E-06	2.00E-06	1.20E-05	1.90E-07	4.34E-06	5.93E-04	5.48E-05	7.06E-04
716	SG_716	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.100	2.17E-03	4.56E-03	6.33E-02	4.17E-03	1.18E-06	4.19E-03	6.96E-04	2.17E-04	4.25E-12	1.13E-04	2.98E-07	2.08E-07	3.30E-06	2.06E-06	1.23E-05	1.95E-07	4.45E-06	6.07E-04	5.62E-05	7.24E-04
717	SG_717	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.100	2.24E-03	4.71E-03	6.54E-02	4.34E-03	1.22E-06	4.42E-03	7.20E-04	2.25E-04	4.40E-12	1.17E-04	3.09E-07	2.16E-07	3.42E-06	2.13E-06	1.28E-05	2.02E-07	4.61E-06	6.29E-04	5.82E-05	7.49E-04
718	SG_718	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.100	2.33E-03	4.90E-03	6.79E-02	4.52E-03	1.26E-06	4.66E-03	7.48E-04	2.33E-04	4.57E-12	1.21E-04	3.21E-07	2.24E-07	3.55E-06	2.21E-06	1.32E-05	2.10E-07	4.78E-06	6.53E-04	6.04E-05	7.78E-04
719	SG_719	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.100	2.38E-03	5.01E-03	6.95E-02	4.58E-03	1.29E-06	4.76E-03	7.65E-04	2.39E-04	4.67E-12	1.24E-04	3.28E-07	2.30E-07	3.63E-06	2.26E-06	1.35E-05	2.14E-07	4.89E-06	6.68E-04	6.18E-05	7.96E-04
720	SG_720	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.100	2.59E-03	5.45E-03	7.57E-02	4.94E-03	1.41E-06	5.19E-03	8.33E-04	2.60E-04	5.09E-12	1.35E-04	3.58E-07	2.51E-07	3.96E-06	2.46E-06	1.48E-05	2.33E-07	5.33E-06	7.27E-04	6.73E-05	8.67E-04
721	SG_721	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6369.100	2.83E-03	5.96E-03	8.26E-02	5.24E-03	1.54E-06	5.57E-03	9.10E-04	2.84E-04	5.56E-12	1.48E-04	3.91E-07	2.75E-07	4.32E-06	2.69E-06	1.61E-05	2.55E-07	5.82E-06	7.94E-04	7.35E-05	9.47E-04
722	SG_722	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6369.100	3.31E-03	6.96E-03	9.65E-02	5.95E-03	1.80E-06	6.45E-03	1.06E-03	3.32E-04	6.50E-12	1.73E-04	4.57E-07	3.22E-07	5.05E-06	3.15E-06	1.88E-05	2.98E-07	6.80E-06	9.29E-04	8.60E-05	1.11E-03
723	SG_723	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6369.100	3.98E-03	8.36E-03	1.16E-01	6.98E-03	2.16E-06	7.75E-03	1.28E-03	3.99E-04	7.80E-12	2.07E-04	5.49E-07	3.86E-07	6.07E-06	3.78E-06	2.26E-05	3.58E-07	8.17E-06	1.12E-03	1.03E-04	1.33E-03
724	SG_724	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6369.100	4.86E-03	1.02E-02	1.41E-01	8.37E-03	2.64E-06	9.55E-03	1.56E-03	4.88E-04	9.54E-12	2.53E-04	6.72E-07	4.72E-07	7.42E-06	4.62E-06	2.77E-05	4.38E-07	9.99E-06	1.36E-03	1.26E-04	1.63E-03
725	SG_725	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6369.100	5.52E-03	1.16E-02	1.60E-01	9.36E-03	3.00E-06	1.10E-02	1.77E-03	5.54E-04	1.08E-11	2.88E-04	7.62E-07	5.35E-07	8.42E-06	5.24E-06	3.14E-05	4.97E-07	1.13E-05	1.55E-03	1.43E-04	1.85E-03
745	SG_745	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.300	1.98E-03	4.16E-03	5.80E-02	3.86E-03	1.07E-06	3.62E-03	6.36E-04	1.99E-04	3.89E-12	1.03E-04	2.72E-07	1.90E-07	3.02E-06	1.88E-06	1.13E-05	1.78E-07	4.07E-06	5.55E-04	5.14E-05	6.62E-04
746	SG_746	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.300	1.94E-03	4.09E-03	5.69E-02	3.80E-03	1.05E-06	3.60E-03	6.25E-04	1.95E-04	3.81E-12	1.01E-04	2.67E-07	1.87E-07	2.97E-06	1.84E-06	1.11E-05	1.75E-07	3.99E-06	5.45E-04	5.05E-05	6.50E-04
747	SG_747	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.300	1.99E-03	4.19E-03	5.83E-02	3.92E-03	1.08E-06	3.76E-03	6.40E-04	2.00E-04	3.91E-12	1.04E-04	2.74E-07	1.92E-07	3.04E-06	1.89E-06	1.13E-05	1.79E-07	4.09E-06	5.59E-04	5.17E-05	6.66E-04
748	SG_748	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.300	2.04E-03	4.28E-03	5.96E-02	4.01E-03	1.11E-06	3.90E-03	6.54E-04	2.04E-04	4.00E-12	1.06E-04	2.81E-07	1.96E-07	3.11E-06	1.93E-06	1.16E-05	1.83E-07	4.18E-06	5.71E-04	5.29E-05	6.81E-04
749	SG_749	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.300	2.18E-03	4.58E-03	6.37E-02	4.29E-03	1.18E-06	4.22E-03	7.00E-04	2.18E-04	4.27E-12	1.13E-04	3.00E-07	2.10E-07	3.32E-06	2.07E-06	1.24E-05	1.96E-07	4.48E-06	6.11E-04	5.65E-05	7.28E-04
750	SG_750	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.300	2.28E-03	4.80E-03	6.67E-02	4.40E-03	1.24E-06	4.38E-03	7.33E-04	2.29E-04	4.47E-12	1.19E-04	3.14E-07	2.20E-07	3.48E-06	2.16E-06	1.30E-05	2.05E-07	4.68E-06	6.39E-04	5.92E-05	7.62E-04
751	SG_751	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.300	2.54E-03	5.33E-03	7.41E-02	4.77E-03	1.38E-06	4.81E-03	8.15E-04	2.54E-04	4.97E-12	1.32E-04	3.50E-07	2.46E-07	3.87E-06	2.41E-06	1.44E-05	2.28E-07	5.21E-06	7.11E-04	6.58E-05	8.48E-04
752	SG_752	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6369.300	2.86E-03	6.02E-03	8.36E-02	5.21E-03	1.56E-06	5.37E-03	9.20E-04	2.87E-04	5.62E-12	1.49E-04	3.95E-07	2.78E-07	4.37E-06	2.72E-06	1.63E-05	2.58E-07	5.88E-06	8.03E-04	7.43E-05	9.57E-04
753	SG_753	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6369.300	3.44E-03	7.23E-03	1.00E-01	6.10E-03	1.87E-06	6.46E-03	1.11E-03	3.45E-04	6.75E-12	1.79E-04	4.75E-07	3.34E-07	5.25E-06	3.27E-06	1.96E-05	3.10E-07	7.07E-06	9.65E-04	8.93E-05	1.15E-03
754	SG_754	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6369.300	4.10E-03	8.62E-03	1.20E-01	7.13E-03	2.23E-06	7.76E-03	1.32E-03	4.11E-04	8.05E-12	2.14E-04	5.66E-07	3.98E-07	6.26E-06	3.90E-06	2.33E-05	3.69E-07	8.42E-06	1.15E-03	1.06E-04	1.37E-03
755	SG_755	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6369.300	4.64E-03	9.75E-03	1.35E-01	7.95E-03	2.52E-06	8.86E-03	1.49E-03	4.65E-04	9.10E-12	2.42E-04	6.40E-07	4.49E-07	7.07E-06	4.40E-06	2.64E-05	4.17E-07	9.52E-06	1.30E-03	1.20E-04	1.55E-03
756	SG_756	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6369.300	4.99E-03	1.05E-02	1.45E-01	8.49E-03	2.71E-06	9.66E-03	1.60E-03	5.01E-04	9.79E-12	2.60E-04	6.88E-07	4.82E-07	7.61E-06	4.74E-06	2.84E-05	4.49E-07	1.03E-05	1.40E-03	1.30E-04	1.67E-03
757	SG_757	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.300	4.99E-03	1.05E-02	1.45E-01	8.44E-03	2.71E-06	9.79E-03	1.60E-03	5.01E-04	9.79E-12	2.60E-04	6.88E-07	4.81E-07	7.61E-06	4.74E-06	2.84E-05	4.49E-07	1.03E-05	1.40E-03	1.30E-04	1.67E-03
776	SG_776	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.500	1.88E-03	3.96E-03	5.53E-02	3.75E-03	1.02E-06	3.37E-03	6.06E-04	1.89E-04	3.70E-12	9.81E-05	2.59E-07	1.81E-07	2.87E-06	1.79E-06	1.07E-05	1.70E-07	3.87E-06	5.29E-04	4.89E-05	6.30E-04
777	SG_777	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.500	1.87E-03	3.93E-03	5.48E-02	3.74E-03	1.01E-06	3.39E-03	6.01E-04	1.87E-04	3.67E-12	9.73E-05	2.57E-07	1.80E-07	2.85E-06	1.77E-06	1.06E-05	1.68E-07	3.84E-06	5.24E-04	4.85E-05	6.25E-04
778	SG_778	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.500	1.86E-03	3.91E-03	5.46E-02	3.71E-03	1.01E-06	3.40E-03	5.98E-04	1.87E-04	3.65E-12	9.69E-05	2.56E-07	1.79E-07	2.84E-06	1.77E-06	1.06E-05	1.67E-07	3.82E-06	5.22E-04	4.83E-05	6.22E-04
779	SG_779	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.500	1.94E-03	4.07E-03	5.68E-02	3.85E-03	1.05E-06	3.57E-03	6.22E-04	1.94E-04	3.80E-12	1.01E-04	2.67E-07	1.87E-07	2.95E-06	1.84E-06	1.10E-05	1.74E-07	3.98E-06	5.43E-04	5.03E-05	6.47E-04
780	SG_780	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.500	2.08E-03	4.38E-03	6.10E-02	4.08E-03	1.13E-06	3.84E-03	6.69E-04	2.09E-04	4.09E-12	1.08E-04	2.87E-07	2.01E-07	3.18E-06	1.98E-06	1.18E-05	1.88E-07	4.28E-06	5.84E-04	5.41E-05	6.96E-04
781	SG_781	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.500	2.27E-03	4.77E-03	6.64E-02	4.32E-03	1.23E-06	4.13E-03	7.29E-04	2.27E-04	4.45E-12	1.18E-04	3.13E-07	2.19E-07	3.46E-06	2.15E-06	1.29E-05	2.04E-07	4.66E-06	6.36E-04	5.89E-05	7.58E-04
782	SG_782	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.500	2.58E-03	5.44E-03	7.56E-02	4.77E-03	1.40E-06	4.67E-03	8.30E-04	2.59E-04	5.07E-12	1.35E-04	3.57E-07	2.50E-07	3.94E-06	2.45E-06	1.47E-05	2.33E-07	5.31E-06	7.25E-04	6.71E-05	8.64E-04
783	SG_783	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6369.500	2.92E-03	6.15E-03	8.54E-02	5.25E-03	1.59E-06	5.27E-03	9.39E-04	2.93E-04	5.73E-12	1.52E-04	4.04E-07	2.83E-07	4.46E-06	2.78E-06	1.66E-05	2.63E-07	6.00E-06	8.20E-04	7.58E-05	9.77E-04
784	SG_784	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6369.500	3.44E-03	7.24E-03	1.01E-01	6.05E-03	1.87E-06	6.27E-03	1.11E-03	3.45E-04	6.76E-12	1.79E-04	4.75E-07	3.34E-07	5.25E-06	3.27E-06	1.96E-05	3.10E-07	7.07E-06	9.66E-04	8.94E-05	1.15E-03
785	SG_785	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6369.500	3.99E-03	8.39E-03	1.16E-01	6.90E-03	2.17E-06	7.36E-03	1.28E-03	4.00E-04	7.83E-12	2.08E-04	5.51E-07	3.87E-07	6.09E-06	3.79E-06	2.27E-05	3.59E-07	8.20E-06	1.12E-03	1.04E-04	1.33E-03
786	SG_786	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6369.500	4.43E-03	9.30E-03	1.29E-01	7.58E-03	2.40E-06	8.26E-03	1.42E-03	4.44E-04	8.68E-12	2.31E-04	6.10E-07	4.28E-07	6.75E-06	4.20E-06	2.52E-05	3.98E-07	9.09E-06	1.24E-03	1.15E-04	1.48E-03
787	SG_787	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6369.500	4.50E-03	9.47E-03	1.31E-01	7.67E-03	2.44E-06	8.50E-03	1.45E-03	4.51E-04	8.83E-12	2.34E-04	6.20E-07	4.34E-07	6.87E-06	4.27E-06	2.56E-05	4.05E-07	9.25E-06	1.26E-03	1.17E-04	1.50E-03
788	SG_788	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.500	4.25E-03	8.94E-03	1.24E-01	7.20E-03	2.31E-06	8.11E-03	1.37E-03	4.26E-04	8.34E-12	2.21E-04	5.86E-07	4.09E-07	6.49E-06	4.04E-06	2.42E-05	3.83E-07	8.74E-06	1.19E-03	1.10E-04	1.42E-03
807	SG_807	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.700	1.83E-03	3.86E-03	5.39E-02	3.71E-03	9.95E-07	3.21E-03	5.89E-04	1.84E-04	3.60E-12	9.55E-05	2.52E-07	1.76E-07	2.80E-06	1.74E-06	1.04E-05	1.65E-07	3.77E-06	5.14E-04	4.76E-05	6.13E-04
808	SG_808	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.700	1.74E-03	3.67E-03	5.13E-02	3.51E-03	9.46E-07	3.04E-03	5.60E-04	1.75E-04	3.42E-12	9.08E-05	2.40E-07	1.68E-07	2.66E-06	1.65E-06	9.92E-06	1.57E-07	3.58E-06	4.89E-04	4.53E-05	5.83E-04
809	SG_809	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.700	1.77E-03	3.72E-03	5.21E-02	3.54E-03	9.61E-07	3.10E-03	5.69E-04	1.78E-04	3.47E-12	9.22E-05	2.44E-07	1.71E-07	2.70E-06	1.68E-06	1.01E-05	1.59E-07	3.64E-06	4.96E-04	4.59E-05	5.92E-04
810	SG_810	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.700	1.84E-03	3.87E-03	5.41E-02	3.61E-03	9.99E-07	3.21E-03	5.91E-04	1.84E-04	3.61E-12	9.58E-05	2.54E-07	1.78E-07	2.81E-06	1.75E-06	1.05E-05	1.66E-07	3.78E-06	5.16E-04	4.77E-05	6.15E-04
811	SG_811	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.700	1.97E-03	4.15E-03	5.79E-02	3.78E-03	1.07E-06	3.41E-03	6.34E-04	1.98E-04	3.87E-12	1.03E-04	2.72E-07	1.91E-07	3.01E-06	1.87E-06	1.12E-05	1.78E-07	4.05E-06	5.53E-04	5.12E-05	6.59E-04
812	SG_812	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.700	2.26E-03	4.76E-03	6.63E-02	4.21E-03	1.23E-06	3.91E-03	7.27E-04	2.27E-04	4.44E-12	1.18E-04	3.12E-07	2.19E-07	3.45E-06	2.15E-06	1.29E-05	2.04E-07	4.64E-06	6.34E-04	5.87E-05	7.56E-04
813	SG_813	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.700	2.56E-03	5.39E-03	7.51E-02	4.65E-03	1.39E-06	4.44E-03	8.24E-04	2.57E-04	5.03E-12	1.33E-04	3.54E-07	2.48E-07	3.91E-06	2.43E-06	1.46E-05	2.31E-07	5.26E-06	7.19E-04	6.65E-05	8.57E-04
819	SG_819	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.700	3.74E-03	7.86E-03	1.09E-01	6.34E-03	2.03E-06	6.97E-03	1.20E-03	3.75E-04	7.34E-12	1.95E-04	5.15E-07	3.60E-07	5.70E-06	3.55E-06	2.13E-05	3.37E-07	7.68E-06	1.05E-03	9.71E-05	1.25E-03
820	SG_820	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6369.700	3.40E-03	7.15E-03	9.94E-02	5.66E-03	1.84E-06	6.35E-03	1.09E-03	3.41E-04	6.67E-12	1.77E-04	4.68E-07	3.26E-07	5.19E-06	3.22E-06	1.93E-05	3.06E-07	6.99E-06	9.53E-04	8.82E-05	1.14E-03
850	SG_850	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.900	3.29E-03	6.93E-03	9.63E-02	5.58E-03	1.79E-06	6.00E-03	1.06E-03	3.30E-04	6.46E-12	1.72E-04	4.53E-07	3.16E-07	5.02E-06	3.12E-06	1.87E-05	2.96E-07	6.77E-06	9.24E-04	8.55E-05	1.10E-03
851	SG_851	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6369.900	2.97E-03	6.24E-03	8.69E-02	4.95E-03	1.61E-06	5.40E-03	9.53E-04	2.98E-04	5.82E-12	1.54E-04	4.08E-07	2.85E-07	4.52E-06	2.81E-06	1.69E-05	2.67E-07	6.10E-06	8.32E-04	7.70E-05	9.91E-04
881	SG_881	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6370.100	2.98E-03	6.27E-03	8.73E-02	5.05E-03	1.62E-06	5.31E-03	9.58E-04	2.99E-04	5.85E-12	1.55E-04	4.10E-07	2.86E-07	4.55E-06	2.83E-06	1.70E-05	2.68E-07	6.12E-06	8.36E-04	7.74E-05	9.96E-04
882	SG_882	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6370.100	2.61E-03	5.50E-03	7.66E-02	4.36E-03	1.42E-06	4.63E-03	8.40E-04	2.62E-04	5.13E-12	1.36E-04	3.59E-07	2.51E-07	3.99E-06	2.48E-06	1.49E-05	2.35E-07	5.37E-06	7.33E-04	6.78E-05	8.73E-04
883	SG_883	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6370.100	2.28E-03	4.79E-03	6.70E-02	3.75E-03	1.24E-06	3.96E-03	7.32E-04	2.29E-04	4.47E-12	1.19E-04	3.13E-07	2.19E-07	3.48E-06	2.16E-06	1.30E-05	2.05E-07	4.68E-06	6.39E-04	5.92E-05	7.62E-04
884	SG_884	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6370.100	2.01E-03	4.23E-03	5.92E-02	3.28E-03	1.09E-06	3.43E-03	6.46E-04	2.02E-04	3.95E-12	1.05E-04	2.77E-07	1.93E-07	3.07E-06	1.91E-06	1.14E-05	1.81E-07	4.13E-06	5.64E-04	5.22E-05	6.72E-04
911	SG_911	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6370.300	2.90E-03	6.11E-03	8.51E-02	4.97E-03	1.58E-06	4.99E-03	9.33E-04	2.91E-04	5.70E-12	1.51E-04	4.00E-07	2.79E-07	4.43E-06	2.76E-06	1.65E-05	2.61E-07	5.97E-06	8.15E-04	7.54E-05	9.71E-04
912	SG_912	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6370.300	2.63E-03	5.54E-03	7.73E-02	4.46E-03	1.43E-06	4.58E-03	8.47E-04	2.64E-04	5.17E-12	1.37E-04	3.62E-07	2.53E-07	4.02E-06	2.50E-06	1.50E-05	2.37E-07	5.41E-06	7.39E-04	6.84E-05	8.80E-04
913	SG_913	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6370.300	2.33E-03	4.91E-03	6.86E-02	3.90E-03	1.27E-06	4.03E-03	7.50E-04	2.34E-04	4.58E-12	1.22E-04	3.21E-07	2.24E-07	3.56E-06	2.21E-06	1.33E-05	2.10E-07	4.80E-06	6.54E-04	6.06E-05	7.80E-04
914	SG_914	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6370.300	2.00E-03	4.21E-03	5.90E-02	3.31E-03	1.09E-06	3.39E-03	6.44E-04	2.01E-04	3.93E-12	1.04E-04	2.75E-07	1.92E-07	3.05E-06	1.90E-06	1.14E-05	1.80E-07	4.12E-06	5.62E-04	5.20E-05	6.69E-04
915	SG_915	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6370.300	1.78E-03	3.75E-03	5.25E-02	2.92E-03	9.66E-07	2.96E-03	5.72E-04	1.79E-04	3.49E-12	9.27E-05	2.45E-07	1.71E-07	2.72E-06	1.69E-06	1.01E-05	1.60E-07	3.66E-06	4.99E-04	4.62E-05	5.95E-04
916	SG_916	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6370.300	1.65E-03	3.47E-03	4.87E-02	2.71E-03	8.96E-07	2.72E-03	5.31E-04	1.66E-04	3.24E-12	8.60E-05	2.27E-07	1.59E-07	2.52E-06	1.57E-06	9.39E-06	1.49E-07	3.39E-06	4.63E-04	4.29E-05	5.52E-04
941	SG_941	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6370.500	2.84E-03	5.99E-03	8.35E-02	4.90E-03	1.54E-06	4.70E-03	9.14E-04	2.85E-04	5.58E-12	1.48E-04	3.92E-07	2.74E-07	4.34E-06	2.70E-06	1.62E-05	2.56E-07	5.85E-06	7.98E-04	7.39E-05	9.51E-04
942	SG_942	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6370.500	2.61E-03	5.50E-03	7.67E-02	4.48E-03	1.42E-06	4.39E-03	8.40E-04	2.62E-04	5.13E-12	1.36E-04	3.60E-07	2.51E-07	3.99E-06	2.48E-06	1.49E-05	2.35E-07	5.37E-06	7.33E-04	6.78E-05	8.73E-04
943	SG_943	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6370.500	2.32E-03	4.89E-03	6.83E-02	3.94E-03	1.26E-06	3.93E-03	7.47E-04	2.33E-04	4.56E-12	1.21E-04	3.20E-07	2.23E-07	3.55E-06	2.21E-06	1.32E-05	2.09E-07	4.78E-06	6.52E-04	6.04E-05	7.77E-04
944	SG_944	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6370.500	2.06E-03	4.34E-03	6.07E-02	3.46E-03	1.12E-06	3.47E-03	6.63E-04	2.07E-04	4.05E-12	1.07E-04	2.84E-07	1.98E-07	3.15E-06	1.96E-06	1.17E-05	1.86E-07	4.24E-06	5.78E-04	5.35E-05	6.89E-04
945	SG_945	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6370.500	1.78E-03	3.75E-03	5.26E-02	2.97E-03	9.68E-07	2.94E-03	5.73E-04	1.79E-04	3.50E-12	9.29E-05	2.45E-07	1.71E-07	2.72E-06	1.69E-06	1.02E-05	1.61E-07	3.67E-06	5.00E-04	4.63E-05	5.96E-04
946	SG_946	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6370.500	1.59E-03	3.35E-03	4.71E-02	2.64E-03	8.65E-07	2.58E-03	5.12E-04	1.60E-04	3.13E-12	8.30E-05	2.19E-07	1.53E-07	2.43E-06	1.51E-06	9.07E-06	1.43E-07	3.27E-06	4.47E-04	4.14E-05	5.33E-04
947	SG_947	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6370.500	1.47E-03	3.10E-03	4.35E-02	2.43E-03	7.98E-07	2.36E-03	4.73E-04	1.48E-04	2.89E-12	7.66E-05	2.03E-07	1.41E-07	2.24E-06	1.40E-06	8.37E-06	1.32E-07	3.02E-06	4.13E-04	3.82E-05	4.92E-04

AQIA DATA - SCENARIO 1 RECREATIONAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.35E-02**	**2.84E-02**	**3.91E-01**	**2.04E-02**	**7.34E-06**	**3.00E-02**	**4.35E-03**	**1.36E-03**	**2.66E-11**	**7.05E-04**	**1.86E-06**	**1.29E-06**	**2.06E-05**	**1.28E-05**	**7.70E-05**	**1.22E-06**	**2.78E-05**	**3.80E-03**	**3.51E-04**	**4.53E-03**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**NG_783**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**378.814**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**
						Y	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6367.557**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**
948	SG_948	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6370.500	1.47E-03	3.10E-03	4.36E-02	2.44E-03	8.00E-07	2.38E-03	4.74E-04	1.48E-04	2.89E-12	7.68E-05	2.03E-07	1.42E-07	2.25E-06	1.40E-06	8.38E-06	1.33E-07	3.03E-06	4.13E-04	3.83E-05	4.93E-04
958	SG_958	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6370.500	1.56E-03	3.29E-03	4.63E-02	2.58E-03	8.49E-07	2.15E-03	5.02E-04	1.57E-04	3.07E-12	8.14E-05	2.16E-07	1.52E-07	2.38E-06	1.48E-06	8.89E-06	1.41E-07	3.21E-06	4.38E-04	4.05E-05	5.22E-04
959	SG_959	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6370.500	1.47E-03	3.09E-03	4.35E-02	2.44E-03	7.97E-07	1.99E-03	4.72E-04	1.47E-04	2.88E-12	7.64E-05	2.03E-07	1.42E-07	2.24E-06	1.39E-06	8.35E-06	1.32E-07	3.01E-06	4.12E-04	3.81E-05	4.90E-04
960	SG_960	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6370.500	1.42E-03	2.98E-03	4.21E-02	2.37E-03	7.70E-07	1.91E-03	4.55E-04	1.42E-04	2.78E-12	7.38E-05	1.96E-07	1.38E-07	2.16E-06	1.35E-06	8.06E-06	1.28E-07	2.91E-06	3.97E-04	3.68E-05	4.74E-04
961	SG_961	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6370.500	1.38E-03	2.91E-03	4.10E-02	2.32E-03	7.51E-07	1.85E-03	4.44E-04	1.39E-04	2.71E-12	7.20E-05	1.91E-07	1.34E-07	2.11E-06	1.31E-06	7.86E-06	1.24E-07	2.84E-06	3.88E-04	3.59E-05	4.62E-04
962	SR_1	Sensitive Receptor	Recreational	Offsite	378.382	6370.479	3.02E-03	6.36E-03	8.87E-02	5.25E-03	1.64E-06	4.91E-03	9.72E-04	3.03E-04	5.93E-12	1.58E-04	4.17E-07	2.91E-07	4.61E-06	2.87E-06	1.72E-05	2.72E-07	6.21E-06	8.48E-04	7.85E-05	1.01E-03
963	SR_2	Sensitive Receptor	Recreational	Offsite	378.782	6370.266	3.12E-03	6.56E-03	9.14E-02	5.35E-03	1.69E-06	5.33E-03	1.00E-03	3.13E-04	6.12E-12	1.63E-04	4.30E-07	3.00E-07	4.76E-06	2.96E-06	1.77E-05	2.81E-07	6.41E-06	8.75E-04	8.10E-05	1.04E-03
964	SR_3	Sensitive Receptor	Recreational	Offsite	378.972	6369.893	3.56E-03	7.50E-03	1.04E-01	6.08E-03	1.93E-06	6.46E-03	1.15E-03	3.57E-04	6.99E-12	1.86E-04	4.91E-07	3.43E-07	5.44E-06	3.38E-06	2.03E-05	3.21E-07	7.32E-06	1.00E-03	9.25E-05	1.19E-03
965	SR_4	Sensitive Receptor	Recreational	Offsite	378.815	6369.579	4.39E-03	9.22E-03	1.28E-01	7.49E-03	2.38E-06	8.17E-03	1.41E-03	4.40E-04	8.61E-12	2.28E-04	6.05E-07	4.23E-07	6.69E-06	4.16E-06	2.50E-05	3.95E-07	9.01E-06	1.23E-03	1.14E-04	1.47E-03
966	SR_5	Sensitive Receptor	Recreational	Offsite	378.619	6369.367	4.39E-03	9.23E-03	1.28E-01	7.55E-03	2.38E-06	8.28E-03	1.41E-03	4.40E-04	8.61E-12	2.29E-04	6.06E-07	4.25E-07	6.69E-06	4.17E-06	2.50E-05	3.95E-07	9.01E-06	1.23E-03	1.14E-04	1.47E-03
967	SR_6	Sensitive Receptor	Recreational	Offsite	378.352	6369.171	3.52E-03	7.40E-03	1.03E-01	6.26E-03	1.91E-06	6.76E-03	1.13E-03	3.53E-04	6.91E-12	1.83E-04	4.86E-07	3.42E-07	5.37E-06	3.34E-06	2.00E-05	3.17E-07	7.23E-06	9.87E-04	9.14E-05	1.18E-03
968	SR_7	Sensitive Receptor	Recreational	Offsite	378.046	6369.006	2.75E-03	5.79E-03	8.03E-02	5.16E-03	1.50E-06	5.56E-03	8.85E-04	2.76E-04	5.40E-12	1.43E-04	3.80E-07	2.67E-07	4.20E-06	2.62E-06	1.57E-05	2.48E-07	5.66E-06	7.72E-04	7.15E-05	9.20E-04
969	SR_8	Sensitive Receptor	Recreational	Offsite	377.732	6368.896	2.62E-03	5.50E-03	7.62E-02	4.94E-03	1.42E-06	5.41E-03	8.41E-04	2.62E-04	5.14E-12	1.36E-04	3.61E-07	2.53E-07	3.99E-06	2.48E-06	1.49E-05	2.36E-07	5.38E-06	7.34E-04	6.79E-05	8.75E-04
970	SR_9	Sensitive Receptor	Recreational	Offsite	377.425	6368.786	2.56E-03	5.39E-03	7.46E-02	4.72E-03	1.39E-06	5.20E-03	8.23E-04	2.57E-04	5.03E-12	1.33E-04	3.53E-07	2.47E-07	3.91E-06	2.43E-06	1.46E-05	2.31E-07	5.26E-06	7.19E-04	6.65E-05	8.56E-04
971	SR_10	Sensitive Receptor	Recreational	Offsite	377.064	6368.660	2.35E-03	4.94E-03	6.84E-02	4.22E-03	1.28E-06	4.61E-03	7.55E-04	2.36E-04	4.61E-12	1.22E-04	3.24E-07	2.27E-07	3.58E-06	2.23E-06	1.34E-05	2.11E-07	4.83E-06	6.59E-04	6.10E-05	7.85E-04
972	SR_11	Sensitive Receptor	Recreational	Offsite	376.781	6368.472	2.16E-03	4.55E-03	6.30E-02	3.82E-03	1.17E-06	4.19E-03	6.95E-04	2.17E-04	4.24E-12	1.13E-04	2.98E-07	2.09E-07	3.30E-06	2.05E-06	1.23E-05	1.95E-07	4.44E-06	6.07E-04	5.61E-05	7.23E-04
973	SR_12	Sensitive Receptor	Recreational	Offsite	376.648	6368.197	2.04E-03	4.28E-03	5.93E-02	3.55E-03	1.11E-06	3.98E-03	6.55E-04	2.04E-04	4.00E-12	1.06E-04	2.81E-07	1.97E-07	3.11E-06	1.93E-06	1.16E-05	1.83E-07	4.19E-06	5.72E-04	5.29E-05	6.81E-04
974	SR_13	Sensitive Receptor	Recreational	Offsite	376.719	6367.859	2.01E-03	4.23E-03	5.86E-02	3.43E-03	1.09E-06	3.96E-03	6.47E-04	2.02E-04	3.95E-12	1.05E-04	2.78E-07	1.95E-07	3.07E-06	1.91E-06	1.14E-05	1.81E-07	4.13E-06	5.65E-04	5.22E-05	6.73E-04
975	SR_14	Sensitive Receptor	Recreational	Offsite	376.883	6367.624	2.22E-03	4.66E-03	6.45E-02	3.73E-03	1.21E-06	4.44E-03	7.13E-04	2.22E-04	4.35E-12	1.16E-04	3.06E-07	2.15E-07	3.38E-06	2.11E-06	1.26E-05	2.00E-07	4.56E-06	6.22E-04	5.76E-05	7.41E-04
976	SR_15	Sensitive Receptor	Recreational	Offsite	377.135	6367.428	2.60E-03	5.46E-03	7.54E-02	4.32E-03	1.41E-06	5.35E-03	8.35E-04	2.61E-04	5.10E-12	1.35E-04	3.59E-07	2.53E-07	3.96E-06	2.47E-06	1.48E-05	2.34E-07	5.34E-06	7.29E-04	6.74E-05	8.69E-04
977	SR_16	Sensitive Receptor	Recreational	Offsite	377.402	6367.239	2.99E-03	6.29E-03	8.67E-02	4.94E-03	1.63E-06	6.34E-03	9.62E-04	3.00E-04	5.88E-12	1.56E-04	4.14E-07	2.92E-07	4.57E-06	2.85E-06	1.70E-05	2.70E-07	6.15E-06	8.40E-04	7.77E-05	1.00E-03
978	SR_17	Sensitive Receptor	Recreational	Offsite	377.622	6367.058	3.26E-03	6.85E-03	9.44E-02	5.26E-03	1.77E-06	6.77E-03	1.05E-03	3.27E-04	6.40E-12	1.70E-04	4.52E-07	3.20E-07	4.98E-06	3.10E-06	1.85E-05	2.94E-07	6.69E-06	9.14E-04	8.46E-05	1.09E-03
979	SR_18	Sensitive Receptor	Recreational	Offsite	377.849	6366.846	4.25E-03	8.93E-03	1.23E-01	6.59E-03	2.32E-06	8.15E-03	1.37E-03	4.26E-04	8.33E-12	2.21E-04	5.92E-07	4.22E-07	6.48E-06	4.05E-06	2.42E-05	3.83E-07	8.72E-06	1.19E-03	1.10E-04	1.42E-03
980	SR_19	Sensitive Receptor	Recreational	Offsite	378.101	6366.642	5.59E-03	1.18E-02	1.62E-01	8.45E-03	3.05E-06	1.02E-02	1.80E-03	5.61E-04	1.10E-11	2.92E-04	7.82E-07	5.61E-07	8.54E-06	5.34E-06	3.18E-05	5.05E-07	1.15E-05	1.57E-03	1.45E-04	1.87E-03
981	SR_20	Sensitive Receptor	Recreational	Offsite	378.376	6366.477	5.30E-03	1.11E-02	1.53E-01	8.06E-03	2.89E-06	1.00E-02	1.70E-03	5.31E-04	1.04E-11	2.76E-04	7.41E-07	5.33E-07	8.09E-06	5.06E-06	3.01E-05	4.78E-07	1.09E-05	1.49E-03	1.37E-04	1.77E-03
982	SR_21	Sensitive Receptor	Recreational	Offsite	378.713	6366.399	4.18E-03	8.80E-03	1.21E-01	6.42E-03	2.29E-06	8.31E-03	1.35E-03	4.20E-04	8.21E-12	2.18E-04	5.85E-07	4.21E-07	6.39E-06	3.99E-06	2.38E-05	3.78E-07	8.58E-06	1.17E-03	1.09E-04	1.40E-03
983	SR_22	Sensitive Receptor	Recreational	Offsite	379.059	6366.469	3.71E-03	7.81E-03	1.07E-01	5.60E-03	2.03E-06	7.60E-03	1.19E-03	3.72E-04	7.29E-12	1.94E-04	5.18E-07	3.71E-07	5.67E-06	3.54E-06	2.11E-05	3.35E-07	7.62E-06	1.04E-03	9.64E-05	1.24E-03
984	SR_23	Sensitive Receptor	Recreational	Offsite	379.373	6366.532	3.31E-03	6.96E-03	9.57E-02	4.94E-03	1.80E-06	6.90E-03	1.06E-03	3.32E-04	6.49E-12	1.72E-04	4.59E-07	3.24E-07	5.05E-06	3.15E-06	1.88E-05	2.98E-07	6.79E-06	9.28E-04	8.59E-05	1.11E-03
985	SR_24	Sensitive Receptor	Recreational	Offsite	379.648	6366.477	3.67E-03	7.71E-03	1.06E-01	5.34E-03	1.99E-06	7.22E-03	1.18E-03	3.68E-04	7.19E-12	1.91E-04	5.05E-07	3.52E-07	5.59E-06	3.48E-06	2.09E-05	3.30E-07	7.53E-06	1.03E-03	9.52E-05	1.23E-03
986	SR_25	Sensitive Receptor	Recreational	Offsite	379.930	6366.391	4.90E-03	1.03E-02	1.42E-01	7.09E-03	2.66E-06	8.97E-03	1.58E-03	4.92E-04	9.62E-12	2.55E-04	6.72E-07	4.66E-07	7.48E-06	4.65E-06	2.79E-05	4.41E-07	1.01E-05	1.37E-03	1.27E-04	1.64E-03
987	SR_26	Sensitive Receptor	Recreational	Offsite	380.221	6366.289	5.84E-03	1.23E-02	1.69E-01	8.51E-03	3.16E-06	9.85E-03	1.88E-03	5.86E-04	1.15E-11	3.04E-04	8.00E-07	5.53E-07	8.91E-06	5.53E-06	3.32E-05	5.25E-07	1.20E-05	1.64E-03	1.52E-04	1.95E-03
988	SR_27	Sensitive Receptor	Recreational	Offsite	380.512	6366.202	7.26E-03	1.52E-02	2.10E-01	1.05E-02	3.93E-06	1.11E-02	2.33E-03	7.28E-04	1.42E-11	3.78E-04	9.94E-07	6.88E-07	1.11E-05	6.87E-06	4.13E-05	6.52E-07	1.49E-05	2.04E-03	1.88E-04	2.43E-03
989	SR_28	Sensitive Receptor	Recreational	Offsite	380.810	6366.108	8.40E-03	1.77E-02	2.43E-01	1.20E-02	4.55E-06	1.19E-02	2.70E-03	8.43E-04	1.65E-11	4.38E-04	1.15E-06	7.99E-07	1.28E-05	7.96E-06	4.78E-05	7.56E-07	1.73E-05	2.36E-03	2.18E-04	2.81E-03
990	SR_29	Sensitive Receptor	Recreational	Offsite	381.108	6365.983	8.41E-03	1.77E-02	2.44E-01	1.21E-02	4.56E-06	1.14E-02	2.70E-03	8.44E-04	1.65E-11	4.38E-04	1.15E-06	8.01E-07	1.28E-05	7.98E-06	4.79E-05	7.57E-07	1.73E-05	2.36E-03	2.19E-04	2.81E-03
991	SR_30	Sensitive Receptor	Recreational	Offsite	381.367	6365.771	7.53E-03	1.58E-02	2.18E-01	1.09E-02	4.08E-06	9.71E-03	2.42E-03	7.56E-04	1.48E-11	3.92E-04	1.03E-06	7.17E-07	1.15E-05	7.14E-06	4.29E-05	6.78E-07	1.55E-05	2.11E-03	1.96E-04	2.52E-03
992	SR_31	Sensitive Receptor	Recreational	Offsite	381.470	6365.394	5.48E-03	1.15E-02	1.59E-01	7.95E-03	2.97E-06	6.71E-03	1.76E-03	5.50E-04	1.08E-11	2.86E-04	7.52E-07	5.21E-07	8.37E-06	5.20E-06	3.12E-05	4.93E-07	1.13E-05	1.54E-03	1.42E-04	1.83E-03
993	SR_32	Sensitive Receptor	Recreational	Offsite	381.564	6365.134	4.40E-03	9.28E-03	1.28E-01	6.42E-03	2.39E-06	5.24E-03	1.42E-03	4.42E-04	8.65E-12	2.30E-04	6.04E-07	4.19E-07	6.73E-06	4.18E-06	2.51E-05	3.97E-07	9.07E-06	1.24E-03	1.15E-04	1.47E-03
994	SR_33	Sensitive Receptor	Recreational	Offsite	381.713	6364.852	3.74E-03	7.88E-03	1.09E-01	5.50E-03	2.03E-06	4.33E-03	1.20E-03	3.76E-04	7.35E-12	1.95E-04	5.13E-07	3.55E-07	5.71E-06	3.55E-06	2.13E-05	3.37E-07	7.70E-06	1.05E-03	9.73E-05	1.25E-03
995	SR_34	Sensitive Receptor	Recreational	Offsite	382.051	6364.600	3.84E-03	8.11E-03	1.12E-01	5.70E-03	2.09E-06	4.25E-03	1.24E-03	3.87E-04	7.56E-12	2.01E-04	5.28E-07	3.66E-07	5.88E-06	3.65E-06	2.19E-05	3.47E-07	7.92E-06	1.08E-03	1.00E-04	1.29E-03
996	SR_35	Sensitive Receptor	Recreational	Offsite	377.700	6366.509	4.41E-03	9.29E-03	1.28E-01	6.76E-03	2.41E-06	7.70E-03	1.42E-03	4.43E-04	8.67E-12	2.31E-04	6.18E-07	4.43E-07	6.75E-06	4.22E-06	2.51E-05	3.99E-07	9.07E-06	1.24E-03	1.15E-04	1.48E-03
997	SR_36	Sensitive Receptor	Recreational	Offsite	377.606	6366.124	3.68E-03	7.75E-03	1.07E-01	5.64E-03	2.01E-06	6.11E-03	1.18E-03	3.69E-04	7.23E-12	1.92E-04	5.16E-07	3.71E-07	5.63E-06	3.52E-06	2.10E-05	3.33E-07	7.56E-06	1.03E-03	9.56E-05	1.23E-03
998	SR_37	Sensitive Receptor	Recreational	Offsite	377.465	6365.771	2.84E-03	5.97E-03	8.26E-02	4.42E-03	1.55E-06	4.55E-03	9.13E-04	2.85E-04	5.57E-12	1.48E-04	3.98E-07	2.87E-07	4.34E-06	2.71E-06	1.62E-05	2.56E-07	5.82E-06	7.97E-04	7.37E-05	9.49E-04
999	SR_38	Sensitive Receptor	Recreational	Offsite	377.527	6365.409	2.03E-03	4.28E-03	5.93E-02	3.21E-03	1.11E-06	3.18E-03	6.54E-04	2.04E-04	3.99E-12	1.06E-04	2.85E-07	2.05E-07	3.10E-06	1.94E-06	1.16E-05	1.84E-07	4.17E-06	5.70E-04	5.27E-05	6.80E-04
1000	SR_39	Sensitive Receptor	Recreational	Offsite	377.739	6365.150	1.69E-03	3.56E-03	4.95E-02	2.72E-03	9.26E-07	2.69E-03	5.44E-04	1.70E-04	3.32E-12	8.84E-05	2.37E-07	1.71E-07	2.59E-06	1.62E-06	9.63E-06	1.53E-07	3.47E-06	4.75E-04	4.39E-05	5.66E-04
1001	SR_40	Sensitive Receptor	Recreational	Offsite	377.959	6364.883	1.23E-03	2.60E-03	3.62E-02	1.97E-03	6.74E-07	1.88E-03	3.97E-04	1.24E-04	2.42E-12	6.44E-05	1.73E-07	1.24E-07	1.89E-06	1.18E-06	7.02E-06	1.11E-07	2.53E-06	3.46E-04	3.20E-05	4.13E-04
1002	SR_41	Sensitive Receptor	Recreational	Offsite	378.234	6364.553	9.73E-04	2.05E-03	2.87E-02	1.54E-03	5.32E-07	1.44E-03	3.14E-04	9.78E-05	1.91E-12	5.09E-05	1.36E-07	9.79E-08	1.49E-06	9.31E-07	5.55E-06	8.80E-08	2.00E-06	2.74E-04	2.53E-05	3.26E-04
1003	SR_42	Sensitive Receptor	Recreational	Offsite	377.951	6365.331	1.71E-03	3.59E-03	4.99E-02	2.70E-03	9.33E-07	2.75E-03	5.49E-04	1.71E-04	3.35E-12	8.91E-05	2.39E-07	1.72E-07	2.61E-06	1.63E-06	9.72E-06	1.54E-07	3.50E-06	4.79E-04	4.43E-05	5.71E-04
1004	SR_43	Sensitive Receptor	Recreational	Offsite	377.959	6366.344	4.56E-03	9.59E-03	1.32E-01	6.91E-03	2.49E-06	7.99E-03	1.47E-03	4.57E-04	8.95E-12	2.38E-04	6.38E-07	4.59E-07	6.97E-06	4.35E-06	2.60E-05	4.12E-07	9.36E-06	1.28E-03	1.18E-04	1.53E-03
1005	SR_44	Sensitive Receptor	Recreational	Offsite	377.975	6365.841	2.64E-03	5.55E-03	7.67E-02	4.10E-03	1.44E-06	4.48E-03	8.48E-04	2.65E-04	5.18E-12	1.38E-04	3.70E-07	2.66E-07	4.03E-06	2.52E-06	1.50E-05	2.38E-07	5.41E-06	7.40E-04	6.85E-05	8.82E-04
1006	SR_45	Sensitive Receptor	Recreational	Offsite	379.271	6366.934	8.56E-03	1.80E-02	2.46E-01	1.29E-02	4.66E-06	1.97E-02	2.75E-03	8.58E-04	1.68E-11	4.46E-04	1.19E-06	8.51E-07	1.31E-05	8.15E-06	4.87E-05	7.72E-07	1.76E-05	2.40E-03	2.22E-04	2.86E-03
1007	SR_46	Sensitive Receptor	Recreational	Offsite	379.247	6366.890	7.71E-03	1.62E-02	2.22E-01	1.16E-02	4.21E-06	1.76E-02	2.48E-03	7.73E-04	1.51E-11	4.02E-04	1.07E-06	7.68E-07	1.18E-05	7.35E-06	4.39E-05	6.96E-07	1.58E-05	2.16E-03	2.00E-04	2.58E-03
1008	SR_47	Sensitive Receptor	Recreational	Offsite	379.315	6366.905	7.63E-03	1.60E-02	2.20E-01	1.14E-02	4.15E-06	1.75E-02	2.45E-03	7.64E-04	1.50E-11	3.97E-04	1.06E-06	7.56E-07	1.16E-05	7.26E-06	4.34E-05	6.87E-07	1.56E-05	2.14E-03	1.98E-04	2.55E-03
1009	SR_48	Sensitive Receptor	Recreational	Offsite	379.288	6366.857	6.93E-03	1.46E-02	2.00E-01	1.04E-02	3.78E-06	1.57E-02	2.23E-03	6.95E-04	1.36E-11	3.61E-04	9.65E-07	6.88E-07	1.06E-05	6.60E-06	3.94E-05	6.25E-07	1.42E-05	1.94E-03	1.80E-04	2.32E-03
1010	SR_49	Sensitive Receptor	Recreational	Offsite	379.357	6366.872	6.83E-03	1.44E-02	1.97E-01	1.02E-02	3.72E-06	1.55E-02	2.20E-03	6.85E-04	1.34E-11	3.56E-04	9.49E-07	6.74E-07	1.04E-05	6.50E-06	3.89E-05	6.16E-07	1.40E-05	1.92E-03	1.77E-04	2.28E-03
1011	SR_50	Sensitive Receptor	Recreational	Offsite	379.321	6366.819	6.15E-03	1.29E-02	1.77E-01	9.19E-03	3.35E-06	1.38E-02	1.98E-03	6.16E-04	1.21E-11	3.21E-04	8.55E-07	6.08E-07	9.38E-06	5.85E-06	3.50E-05	5.54E-07	1.26E-05	1.72E-03	1.60E-04	2.06E-03
1305	NG_1	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.607	6.16E-03	1.30E-02	1.78E-01	9.47E-03	3.37E-06	1.26E-02	1.98E-03	6.18E-04	1.21E-11	3.22E-04	8.62E-07	6.20E-07	9.41E-06	5.88E-06	3.51E-05	5.56E-07	1.26E-05	1.73E-03	1.60E-04	2.06E-03
1306	NG_2	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.607	6.02E-03	1.27E-02	1.74E-01	9.26E-03	3.29E-06	1.24E-02	1.94E-03	6.04E-04	1.18E-11	3.14E-04	8.42E-07	6.06E-07	9.20E-06	5.75E-06	3.43E-05	5.44E-07	1.24E-05	1.69E-03	1.56E-04	2.01E-03
1307	NG_3	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.607	5.84E-03	1.23E-02	1.69E-01	8.98E-03	3.19E-06	1.21E-02	1.88E-03	5.86E-04	1.15E-11	3.05E-04	8.17E-07	5.87E-07	8.92E-06	5.57E-06	3.32E-05	5.27E-07	1.20E-05	1.64E-03	1.52E-04	1.95E-03
1308	NG_4	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.607	5.63E-03	1.18E-02	1.63E-01	8.64E-03	3.08E-06	1.17E-02	1.81E-03	5.65E-04	1.11E-11	2.94E-04	7.88E-07	5.66E-07	8.60E-06	5.38E-06	3.20E-05	5.09E-07	1.16E-05	1.58E-03	1.46E-04	1.88E-03
1309	NG_5	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.607	5.39E-03	1.13E-02	1.56E-01	8.25E-03	2.94E-06	1.12E-02	1.73E-03	5.40E-04	1.06E-11	2.81E-04	7.53E-07	5.41E-07	8.23E-06	5.14E-06	3.07E-05	4.87E-07	1.11E-05	1.51E-03	1.40E-04	1.80E-03
1310	NG_6	Nested Grid - 50m	Parks/ Recreation	Offsite	378.914	6366.607	5.14E-03	1.08E-02	1.49E-01	7.85E-03	2.81E-06	1.07E-02	1.65E-03	5.16E-04	1.01E-11	2.68E-04	7.19E-07	5.16E-07	7.85E-06	4.91E-06	2.93E-05	4.64E-07	1.05E-05	1.44E-03	1.33E-04	1.72E-03
1311	NG_7	Nested Grid - 50m	Parks/ Recreation	Offsite	378.964	6366.607	4.94E-03	1.04E-02	1.43E-01	7.52E-03	2.70E-06	1.04E-02	1.59E-03	4.95E-04	9.69E-12	2.58E-04	6.90E-07	4.95E-07	7.54E-06	4.71E-06	2.81E-05	4.46E-07	1.01E-05	1.39E-03	1.28E-04	1.65E-03
1312	NG_8	Nested Grid - 50m	Parks/ Recreation	Offsite	379.014	6366.607	4.75E-03	9.99E-03	1.37E-01	7.21E-03	2.59E-06	9.98E-03	1.53E-03	4.76E-04	9.32E-12	2.48E-04	6.63E-07	4.76E-07	7.25E-06	4.53E-06	2.70E-05	4.29E-07	9.75E-06	1.33E-03	1.23E-04	1.59E-03
1313	NG_9	Nested Grid - 50m	Parks/ Recreation	Offsite	379.064	6366.607	4.58E-03	9.63E-03	1.32E-01	6.92E-03	2.50E-06	9.63E-03	1.47E-03	4.59E-04	8.98E-12	2.39E-04	6.39E-07	4.58E-07	6.99E-06	4.37E-06	2.61E-05	4.13E-07	9.39E-06	1.28E-03	1.19E-04	1.53E-03
1314	NG_10	Nested Grid - 50m	Parks/ Recreation	Offsite	379.114	6366.607	4.41E-03	9.27E-03	1.28E-01	6.64E-03	2.41E-06	9.28E-03	1.42E-03	4.42E-04	8.66E-12	2.30E-04	6.15E-07	4.40E-07	6.74E-06	4.21E-06	2.51E-05	3.98E-07	9.05E-06	1.24E-03	1.14E-04	1.47E-03
1315	NG_11	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.607	4.28E-03	8.99E-03	1.24E-01	6.42E-03	2.33E-06	9.01E-03	1.38E-03	4.29E-04	8.40E-12	2.23E-04	5.96E-07	4.26E-07	6.53E-06	4.08E-06	2.43E-05	3.86E-07	8.78E-06	1.20E-03	1.11E-04	1.43E-03
1316	NG_12	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.607	4.16E-03	8.74E-03	1.20E-01	6.23E-03	2.27E-06	8.78E-03	1.34E-03	4.17E-04	8.15E-12	2.17E-04	5.79E-07	4.13E-07	6.34E-06	3.96E-06	2.36E-05	3.75E-07	8.53E-06	1.17E-03	1.08E-04	1.39E-03
1317	NG_13	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.607	4.01E-03	8.43E-03	1.16E-01	6.00E-03	2.19E-06	8.49E-03	1.29E-03	4.02E-04	7.87E-12	2.09E-04	5.58E-07	3.97E-07	6.13E-06	3.82E-06	2.28E-05	3.62E-07	8.24E-06	1.13E-03	1.04E-04	1.34E-03
1318	NG_14	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.607	3.87E-03	8.13E-03	1.12E-01	5.79E-03	2.11E-06	8.20E-03	1.24E-03	3.88E-04	7.59E-12	2.02E-04	5.37E-07	3.82E-07	5.91E-06	3.68E-06	2.20E-05	3.49E-07	7.94E-06	1.09E-03	1.00E-04	1.29E-03
1319	NG_15	Nested Grid - 50m	Parks/ Recreation	Offsite	379.364	6366.607	3.76E-03	7.91E-03	1.09E-01	5.62E-03	2.05E-06	7.98E-03	1.21E-03	3.77E-04	7.38E-12	1.96E-04	5.22E-07	3.69E-07	5.74E-06	3.58E-06	2.14E-05	3.39E-07	7.72E-06	1.06E-03	9.76E-05	1.26E-03
1320	NG_16	Nested Grid - 50m	Parks/ Recreation	Offsite	379.414	6366.607	3.73E-03	7.83E-03	1.08E-01	5.55E-03	2.03E-06	7.90E-03	1.20E-03	3.74E-04	7.31E-12	1.94E-04	5.16E-07	3.64E-07	5.69E-06	3.54E-06	2.12E-05	3.36E-07	7.65E-06	1.05E-03	9.67E-05	1.25E-03
1321	NG_17	Nested Grid - 50m	Parks/ Recreation	Offsite	379.464	6366.607	3.75E-03	7.87E-03	1.08E-01	5.56E-03	2.04E-06	7.91E-03	1.20E-03	3.76E-04	7.35E-12	1.95E-04	5.18E-07	3.64E-07	5.72E-06	3.56E-06	2.13E-05	3.37E-07	7.69E-06	1.05E-03	9.72E-05	1.25E-03
1322	NG_18	Nested Grid - 50m	Parks/ Recreation	Offsite	379.514	6366.607	3.85E-03	8.10E-03	1.11E-01	5.69E-03	2.09E-06	8.06E-03	1.24E-03	3.86E-04	7.56E-12	2.01E-04	5.32E-07	3.73E-07	5.88E-06	3.66E-06	2.19E-05	3.47E-07	7.92E-06	1.08E-03	1.00E-04	1.29E-03
1323	NG_19	Nested Grid - 50m	Parks/ Recreation	Offsite	379.564	6366.607	4.04E-03	8.48E-03	1.17E-01	5.92E-03	2.19E-06	8.35E-03	1.30E-03	4.05E-04	7.92E-12	2.10E-04	5.56E-07	3.89E-07	6.16E-06	3.83E-06	2.30E-05	3.63E-07	8.29E-06	1.13E-03	1.05E-04	1.35E-03
1324	NG_20	Nested Grid - 50m	Parks/ Recreation	Offsite	379.614	6366.607	4.36E-03	9.17E-03	1.26E-01	6.36E-03	2.37E-06	8.90E-03	1.40E-03	4.37E-04	8.56E-12	2.27E-04	6.00E-07	4.19E-07	6.65E-06	4.14E-06	2.48E-05	3.93E-07	8.96E-06	1.22E-03	1.13E-04	1.46E-03
1325	NG_21	Nested Grid - 50m	Parks/ Recreation	Offsite	379.664	6366.607	4.81E-03	1.01E-02	1.39E-01	6.97E-03	2.61E-06	9.68E-03	1.54E-03	4.82E-04	9.43E-12	2.50E-04	6.61E-07	4.61E-07	7.33E-06	4.56E-06	2.73E-05	4.32E-07	9.88E-06	1.35E-03	1.25E-04	1.61E-03
1326	NG_22	Nested Grid - 50m	Parks/ Recreation	Offsite	379.714	6366.607	5.35E-03	1.12E-02	1.54E-01	7.74E-03	2.90E-06	1.07E-02	1.72E-03	5.37E-04	1.05E-11	2.79E-04	7.35E-07	5.12E-07	8.16E-06	5.08E-06	3.05E-05	4.82E-07	1.10E-05	1.50E-03	1.39E-04	1.79E-03
1346	NG_42	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.657	6.59E-03	1.39E-02	1.90E-01	1.01E-02	3.60E-06	1.34E-02	2.12E-03	6.61E-04	1.29E-11	3.44E-04	9.22E-07	6.63E-07	1.01E-05	6.29E-06	3.75E-05	5.95E-07	1.35E-05	1.85E-03	1.71E-04	2.20E-03
1347	NG_43	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.657	6.45E-03	1.36E-02	1.86E-01	9.84E-03	3.52E-06	1.32E-02	2.07E-03	6.46E-04	1.27E-11	3.36E-04	9.02E-07	6.48E-07	9.85E-06	6.15E-06	3.67E-05	5.82E-07	1.32E-05	1.81E-03	1.67E-04	2.16E-03
1348	NG_44	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.657	6.29E-03	1.32E-02	1.82E-01	9.61E-03	3.43E-06	1.30E-02	2.02E-03	6.30E-04	1.23E-11	3.28E-04	8.79E-07	6.32E-07	9.60E-06	6.00E-06	3.58E-05	5.68E-07	1.29E-05	1.76E-03	1.63E-04	2.10E-03
1349	NG_45	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.657	6.07E-03	1.28E-02	1.75E-01	9.27E-03	3.31E-06	1.26E-02	1.95E-03	6.08E-04	1.19E-11	3.16E-04	8.48E-07	6.10E-07	9.26E-06	5.79E-06	3.45E-05	5.48E-07	1.24E-05	1.70E-03	1.57E-04	2.03E-03
1350	NG_46	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.657	5.79E-03	1.22E-02	1.67E-01	8.82E-03	3.16E-06	1.21E-02	1.86E-03	5.80E-04	1.14E-11	3.02E-04	8.09E-07	5.81E-07	8.84E-06	5.52E-06	3.29E-05	5.22E-07	1.19E-05	1.62E-03	1.50E-04	1.93E-03
1351	NG_47	Nested Grid - 50m	Parks/ Recreation	Offsite	378.914	6366.657	5.54E-03	1.16E-02	1.60E-01	8.42E-03	3.02E-06	1.16E-02	1.78E-03	5.55E-04	1.09E-11	2.89E-04	7.74E-07	5.56E-07	8.46E-06	5.28E-06	3.15E-05	5.00E-07	1.14E-05	1.55E-03	1.44E-04	1.85E-03
1352	NG_48	Nested Grid - 50m	Parks/ Recreation	Offsite	378.964	6366.657	5.36E-03	1.13E-02	1.55E-01	8.15E-03	2.93E-06	1.13E-02	1.72E-03	5.38E-04	1.05E-11	2.80E-04	7.49E-07	5.37E-07	8.19E-06	5.11E-06	3.05E-05	4.84E-07	1.10E-05	1.50E-03	1.39E-04	1.79E-03
1353	NG_49	Nested Grid - 50m	Parks/ Recreation	Offsite	379.014	6366.657	5.20E-03	1.09E-02	1.50E-01	7.89E-03	2.84E-06	1.10E-02	1.67E-03	5.21E-04	1.02E-11	2.71E-04	7.26E-07	5.21E-07	7.94E-06	4.96E-06	2.96E-05	4.69E-07	1.07E-05	1.46E-03	1.35E-04	1.74E-03

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 1 RECREATIONAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**1.35E-02**	**2.84E-02**	**3.91E-01**	**2.04E-02**	**7.34E-06**	**3.00E-02**	**4.35E-03**	**1.36E-03**	**2.66E-11**	**7.05E-04**	**1.86E-06**	**1.29E-06**	**2.06E-05**	**1.28E-05**	**7.70E-05**	**1.22E-06**	**2.78E-05**	**3.80E-03**	**3.51E-04**	**4.53E-03**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**NG_783**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**378.814**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**
						Y	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6367.557**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**
1354	NG_50	Nested Grid - 50m	Parks/ Recreation	Offsite	379.064	6366.657	5.01E-03	1.05E-02	1.45E-01	7.58E-03	2.73E-06	1.06E-02	1.61E-03	5.03E-04	9.83E-12	2.61E-04	7.00E-07	5.01E-07	7.65E-06	4.78E-06	2.85E-05	4.52E-07	1.03E-05	1.41E-03	1.30E-04	1.68E-03
1355	NG_51	Nested Grid - 50m	Parks/ Recreation	Offsite	379.114	6366.657	4.83E-03	1.01E-02	1.39E-01	7.27E-03	2.63E-06	1.03E-02	1.55E-03	4.84E-04	9.47E-12	2.52E-04	6.74E-07	4.82E-07	7.37E-06	4.60E-06	2.75E-05	4.36E-07	9.91E-06	1.35E-03	1.25E-04	1.61E-03
1356	NG_52	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.657	4.68E-03	9.84E-03	1.35E-01	7.03E-03	2.55E-06	9.96E-03	1.50E-03	4.69E-04	9.18E-12	2.44E-04	6.52E-07	4.66E-07	7.14E-06	4.46E-06	2.66E-05	4.22E-07	9.60E-06	1.31E-03	1.21E-04	1.56E-03
1357	NG_53	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.657	4.56E-03	9.58E-03	1.32E-01	6.83E-03	2.48E-06	9.74E-03	1.46E-03	4.57E-04	8.94E-12	2.38E-04	6.35E-07	4.53E-07	6.96E-06	4.34E-06	2.59E-05	4.11E-07	9.35E-06	1.28E-03	1.18E-04	1.52E-03
1358	NG_54	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.657	4.43E-03	9.32E-03	1.28E-01	6.64E-03	2.42E-06	9.51E-03	1.43E-03	4.45E-04	8.70E-12	2.31E-04	6.17E-07	4.39E-07	6.77E-06	4.22E-06	2.52E-05	4.00E-07	9.10E-06	1.24E-03	1.15E-04	1.48E-03
1359	NG_55	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.657	4.28E-03	9.00E-03	1.24E-01	6.40E-03	2.33E-06	9.20E-03	1.38E-03	4.29E-04	8.40E-12	2.23E-04	5.95E-07	4.23E-07	6.54E-06	4.08E-06	2.44E-05	3.86E-07	8.79E-06	1.20E-03	1.11E-04	1.43E-03
1360	NG_56	Nested Grid - 50m	Parks/ Recreation	Offsite	379.364	6366.657	4.17E-03	8.76E-03	1.20E-01	6.22E-03	2.27E-06	8.96E-03	1.34E-03	4.18E-04	8.17E-12	2.17E-04	5.78E-07	4.09E-07	6.36E-06	3.96E-06	2.37E-05	3.76E-07	8.55E-06	1.17E-03	1.08E-04	1.39E-03
1361	NG_57	Nested Grid - 50m	Parks/ Recreation	Offsite	379.414	6366.657	4.14E-03	8.70E-03	1.20E-01	6.17E-03	2.25E-06	8.91E-03	1.33E-03	4.15E-04	8.12E-12	2.16E-04	5.73E-07	4.05E-07	6.32E-06	3.94E-06	2.36E-05	3.73E-07	8.50E-06	1.16E-03	1.07E-04	1.38E-03
1362	NG_58	Nested Grid - 50m	Parks/ Recreation	Offsite	379.464	6366.657	4.22E-03	8.86E-03	1.22E-01	6.25E-03	2.29E-06	9.05E-03	1.36E-03	4.23E-04	8.27E-12	2.20E-04	5.83E-07	4.10E-07	6.43E-06	4.01E-06	2.40E-05	3.80E-07	8.66E-06	1.18E-03	1.09E-04	1.41E-03
1363	NG_59	Nested Grid - 50m	Parks/ Recreation	Offsite	379.514	6366.657	4.34E-03	9.12E-03	1.25E-01	6.40E-03	2.36E-06	9.24E-03	1.40E-03	4.35E-04	8.52E-12	2.26E-04	5.99E-07	4.20E-07	6.62E-06	4.12E-06	2.47E-05	3.91E-07	8.92E-06	1.22E-03	1.13E-04	1.45E-03
1364	NG_60	Nested Grid - 50m	Parks/ Recreation	Offsite	379.564	6366.657	4.53E-03	9.53E-03	1.31E-01	6.64E-03	2.46E-06	9.52E-03	1.46E-03	4.55E-04	8.89E-12	2.36E-04	6.25E-07	4.37E-07	6.91E-06	4.30E-06	2.58E-05	4.08E-07	9.31E-06	1.27E-03	1.18E-04	1.52E-03
1365	NG_61	Nested Grid - 50m	Parks/ Recreation	Offsite	379.614	6366.657	4.89E-03	1.03E-02	1.41E-01	7.12E-03	2.65E-06	1.01E-02	1.57E-03	4.91E-04	9.60E-12	2.55E-04	6.73E-07	4.70E-07	7.46E-06	4.64E-06	2.78E-05	4.40E-07	1.01E-05	1.37E-03	1.27E-04	1.63E-03
1387	NG_83	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.707	7.13E-03	1.50E-02	2.06E-01	1.08E-02	3.89E-06	1.45E-02	2.29E-03	7.14E-04	1.40E-11	3.72E-04	9.96E-07	7.16E-07	1.09E-05	6.80E-06	4.05E-05	6.43E-07	1.46E-05	2.00E-03	1.85E-04	2.38E-03
1388	NG_84	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.707	7.02E-03	1.48E-02	2.03E-01	1.07E-02	3.83E-06	1.44E-02	2.26E-03	7.04E-04	1.38E-11	3.66E-04	9.82E-07	7.05E-07	1.07E-05	6.70E-06	3.99E-05	6.34E-07	1.44E-05	1.97E-03	1.82E-04	2.35E-03
1389	NG_85	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.707	6.84E-03	1.44E-02	1.97E-01	1.04E-02	3.73E-06	1.42E-02	2.20E-03	6.86E-04	1.34E-11	3.57E-04	9.56E-07	6.87E-07	1.04E-05	6.52E-06	3.89E-05	6.17E-07	1.40E-05	1.92E-03	1.77E-04	2.29E-03
1390	NG_86	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.707	6.59E-03	1.38E-02	1.90E-01	1.00E-02	3.60E-06	1.37E-02	2.12E-03	6.60E-04	1.29E-11	3.43E-04	9.20E-07	6.61E-07	1.01E-05	6.28E-06	3.75E-05	5.94E-07	1.35E-05	1.85E-03	1.71E-04	2.20E-03
1391	NG_87	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.707	6.34E-03	1.33E-02	1.83E-01	9.62E-03	3.46E-06	1.33E-02	2.04E-03	6.35E-04	1.24E-11	3.31E-04	8.86E-07	6.36E-07	9.68E-06	6.05E-06	3.61E-05	5.72E-07	1.30E-05	1.78E-03	1.64E-04	2.12E-03
1393	NG_89	Nested Grid - 50m	Parks/ Recreation	Offsite	378.964	6366.707	5.93E-03	1.25E-02	1.71E-01	8.99E-03	3.23E-06	1.26E-02	1.90E-03	5.94E-04	1.16E-11	3.09E-04	8.28E-07	5.94E-07	9.05E-06	5.65E-06	3.37E-05	5.35E-07	1.22E-05	1.66E-03	1.54E-04	1.98E-03
1394	NG_90	Nested Grid - 50m	Parks/ Recreation	Offsite	379.014	6366.707	5.72E-03	1.20E-02	1.65E-01	8.66E-03	3.12E-06	1.22E-02	1.84E-03	5.73E-04	1.12E-11	2.98E-04	7.99E-07	5.73E-07	8.73E-06	5.45E-06	3.25E-05	5.16E-07	1.17E-05	1.60E-03	1.48E-04	1.91E-03
1395	NG_91	Nested Grid - 50m	Parks/ Recreation	Offsite	379.064	6366.707	5.52E-03	1.16E-02	1.59E-01	8.35E-03	3.01E-06	1.18E-02	1.78E-03	5.54E-04	1.08E-11	2.88E-04	7.71E-07	5.52E-07	8.43E-06	5.27E-06	3.14E-05	4.98E-07	1.13E-05	1.55E-03	1.43E-04	1.85E-03
1396	NG_92	Nested Grid - 50m	Parks/ Recreation	Offsite	379.114	6366.707	5.31E-03	1.12E-02	1.53E-01	8.00E-03	2.90E-06	1.14E-02	1.71E-03	5.32E-04	1.04E-11	2.77E-04	7.41E-07	5.30E-07	8.11E-06	5.06E-06	3.02E-05	4.79E-07	1.09E-05	1.49E-03	1.38E-04	1.77E-03
1397	NG_93	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.707	5.17E-03	1.09E-02	1.49E-01	7.77E-03	2.82E-06	1.11E-02	1.66E-03	5.18E-04	1.01E-11	2.69E-04	7.20E-07	5.15E-07	7.89E-06	4.92E-06	2.94E-05	4.66E-07	1.06E-05	1.45E-03	1.34E-04	1.73E-03
1398	NG_94	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.707	5.04E-03	1.06E-02	1.45E-01	7.56E-03	2.75E-06	1.09E-02	1.62E-03	5.05E-04	9.89E-12	2.63E-04	7.02E-07	5.01E-07	7.69E-06	4.80E-06	2.87E-05	4.55E-07	1.03E-05	1.41E-03	1.31E-04	1.68E-03
1399	NG_95	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.707	4.90E-03	1.03E-02	1.42E-01	7.34E-03	2.67E-06	1.06E-02	1.58E-03	4.92E-04	9.62E-12	2.56E-04	6.82E-07	4.86E-07	7.48E-06	4.67E-06	2.79E-05	4.42E-07	1.01E-05	1.38E-03	1.27E-04	1.64E-03
1400	NG_96	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.707	4.73E-03	9.94E-03	1.36E-01	7.07E-03	2.58E-06	1.03E-02	1.52E-03	4.74E-04	9.28E-12	2.46E-04	6.57E-07	4.67E-07	7.22E-06	4.50E-06	2.69E-05	4.26E-07	9.70E-06	1.33E-03	1.23E-04	1.58E-03
1401	NG_97	Nested Grid - 50m	Parks/ Recreation	Offsite	379.364	6366.707	4.62E-03	9.71E-03	1.33E-01	6.90E-03	2.52E-06	1.01E-02	1.49E-03	4.63E-04	9.07E-12	2.41E-04	6.41E-07	4.55E-07	7.05E-06	4.40E-06	2.63E-05	4.17E-07	9.49E-06	1.30E-03	1.20E-04	1.54E-03
1428	NG_124	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.757	7.67E-03	1.61E-02	2.21E-01	1.16E-02	4.19E-06	1.56E-02	2.47E-03	7.69E-04	1.51E-11	4.00E-04	1.07E-06	7.71E-07	1.17E-05	7.32E-06	4.36E-05	6.93E-07	1.57E-05	2.15E-03	1.99E-04	2.56E-03
1429	NG_125	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.757	7.62E-03	1.60E-02	2.20E-01	1.15E-02	4.16E-06	1.56E-02	2.45E-03	7.64E-04	1.50E-11	3.98E-04	1.07E-06	7.66E-07	1.16E-05	7.27E-06	4.34E-05	6.88E-07	1.56E-05	2.14E-03	1.98E-04	2.55E-03
1430	NG_126	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.757	7.49E-03	1.57E-02	2.16E-01	1.13E-02	4.09E-06	1.55E-02	2.41E-03	7.51E-04	1.47E-11	3.91E-04	1.05E-06	7.52E-07	1.14E-05	7.14E-06	4.26E-05	6.76E-07	1.54E-05	2.10E-03	1.94E-04	2.50E-03
1431	NG_127	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.757	7.28E-03	1.53E-02	2.10E-01	1.10E-02	3.97E-06	1.52E-02	2.34E-03	7.30E-04	1.43E-11	3.80E-04	1.02E-06	7.31E-07	1.11E-05	6.95E-06	4.14E-05	6.57E-07	1.49E-05	2.04E-03	1.89E-04	2.43E-03
1432	NG_128	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.757	7.05E-03	1.48E-02	2.03E-01	1.07E-02	3.85E-06	1.48E-02	2.27E-03	7.07E-04	1.38E-11	3.68E-04	9.85E-07	7.08E-07	1.08E-05	6.73E-06	4.01E-05	6.36E-07	1.45E-05	1.98E-03	1.83E-04	2.36E-03
1438	NG_134	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.757	5.77E-03	1.21E-02	1.66E-01	8.68E-03	3.14E-06	1.26E-02	1.85E-03	5.78E-04	1.13E-11	3.01E-04	8.04E-07	5.75E-07	8.80E-06	5.50E-06	3.28E-05	5.20E-07	1.18E-05	1.62E-03	1.50E-04	1.93E-03
1439	NG_135	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.757	5.60E-03	1.18E-02	1.62E-01	8.41E-03	3.06E-06	1.23E-02	1.80E-03	5.62E-04	1.10E-11	2.92E-04	7.81E-07	5.58E-07	8.55E-06	5.34E-06	3.19E-05	5.06E-07	1.15E-05	1.57E-03	1.45E-04	1.87E-03
1440	NG_136	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.757	5.47E-03	1.15E-02	1.58E-01	8.19E-03	2.98E-06	1.20E-02	1.76E-03	5.49E-04	1.07E-11	2.85E-04	7.62E-07	5.43E-07	8.35E-06	5.21E-06	3.11E-05	4.93E-07	1.12E-05	1.53E-03	1.42E-04	1.83E-03
1441	NG_137	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.757	5.29E-03	1.11E-02	1.53E-01	7.90E-03	2.88E-06	1.16E-02	1.70E-03	5.30E-04	1.04E-11	2.76E-04	7.35E-07	5.23E-07	8.07E-06	5.04E-06	3.01E-05	4.77E-07	1.09E-05	1.48E-03	1.37E-04	1.77E-03
1469	NG_165	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.807	8.17E-03	1.72E-02	2.36E-01	1.23E-02	4.46E-06	1.65E-02	2.63E-03	8.19E-04	1.60E-11	4.26E-04	1.14E-06	8.20E-07	1.25E-05	7.79E-06	4.65E-05	7.37E-07	1.68E-05	2.29E-03	2.12E-04	2.73E-03
1470	NG_166	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.807	8.17E-03	1.72E-02	2.36E-01	1.23E-02	4.46E-06	1.67E-02	2.62E-03	8.19E-04	1.60E-11	4.26E-04	1.14E-06	8.20E-07	1.25E-05	7.79E-06	4.64E-05	7.37E-07	1.67E-05	2.29E-03	2.12E-04	2.73E-03
1471	NG_167	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.807	8.12E-03	1.71E-02	2.34E-01	1.22E-02	4.43E-06	1.68E-02	2.61E-03	8.14E-04	1.59E-11	4.23E-04	1.13E-06	8.15E-07	1.24E-05	7.74E-06	4.62E-05	7.33E-07	1.66E-05	2.28E-03	2.11E-04	2.71E-03
1472	NG_168	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.807	8.05E-03	1.69E-02	2.32E-01	1.21E-02	4.39E-06	1.68E-02	2.59E-03	8.07E-04	1.58E-11	4.20E-04	1.12E-06	8.08E-07	1.23E-05	7.68E-06	4.58E-05	7.26E-07	1.65E-05	2.26E-03	2.09E-04	2.69E-03
1479	NG_175	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.807	6.52E-03	1.37E-02	1.88E-01	9.84E-03	3.56E-06	1.44E-02	2.10E-03	6.54E-04	1.28E-11	3.40E-04	9.09E-07	6.51E-07	9.95E-06	6.22E-06	3.71E-05	5.88E-07	1.34E-05	1.83E-03	1.69E-04	2.18E-03
1480	NG_176	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.807	6.38E-03	1.34E-02	1.84E-01	9.59E-03	3.48E-06	1.42E-02	2.05E-03	6.39E-04	1.25E-11	3.32E-04	8.88E-07	6.35E-07	9.73E-06	6.07E-06	3.63E-05	5.75E-07	1.31E-05	1.79E-03	1.65E-04	2.13E-03
1481	NG_177	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.807	6.18E-03	1.30E-02	1.78E-01	9.26E-03	3.37E-06	1.38E-02	1.99E-03	6.20E-04	1.21E-11	3.22E-04	8.60E-07	6.14E-07	9.43E-06	5.89E-06	3.51E-05	5.57E-07	1.27E-05	1.73E-03	1.60E-04	2.07E-03
1510	NG_206	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.857	8.63E-03	1.81E-02	2.49E-01	1.29E-02	4.71E-06	1.74E-02	2.77E-03	8.65E-04	1.69E-11	4.50E-04	1.21E-06	8.65E-07	1.32E-05	8.23E-06	4.91E-05	7.79E-07	1.77E-05	2.42E-03	2.24E-04	2.88E-03
1511	NG_207	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.857	8.73E-03	1.83E-02	2.52E-01	1.31E-02	4.76E-06	1.78E-02	2.80E-03	8.75E-04	1.71E-11	4.55E-04	1.22E-06	8.75E-07	1.33E-05	8.32E-06	4.96E-05	7.88E-07	1.79E-05	2.45E-03	2.26E-04	2.92E-03
1512	NG_208	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.857	8.82E-03	1.85E-02	2.54E-01	1.32E-02	4.81E-06	1.82E-02	2.83E-03	8.84E-04	1.73E-11	4.60E-04	1.23E-06	8.85E-07	1.35E-05	8.41E-06	5.02E-05	7.96E-07	1.81E-05	2.47E-03	2.29E-04	2.95E-03
1520	NG_216	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.857	7.46E-03	1.57E-02	2.15E-01	1.13E-02	4.07E-06	1.67E-02	2.40E-03	7.48E-04	1.46E-11	3.89E-04	1.04E-06	7.45E-07	1.14E-05	7.11E-06	4.24E-05	6.73E-07	1.53E-05	2.09E-03	1.93E-04	2.49E-03
1521	NG_217	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.857	7.22E-03	1.52E-02	2.08E-01	1.09E-02	3.93E-06	1.62E-02	2.32E-03	7.23E-04	1.42E-11	3.76E-04	1.01E-06	7.19E-07	1.10E-05	6.88E-06	4.10E-05	6.51E-07	1.48E-05	2.02E-03	1.87E-04	2.41E-03
1551	NG_247	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.907	9.09E-03	1.91E-02	2.62E-01	1.36E-02	4.96E-06	1.84E-02	2.92E-03	9.11E-04	1.78E-11	4.74E-04	1.27E-06	9.10E-07	1.39E-05	8.66E-06	5.17E-05	8.20E-07	1.86E-05	2.55E-03	2.36E-04	3.04E-03
1552	NG_248	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.907	9.32E-03	1.96E-02	2.69E-01	1.39E-02	5.09E-06	1.90E-02	3.00E-03	9.34E-04	1.83E-11	4.86E-04	1.30E-06	9.34E-07	1.42E-05	8.89E-06	5.30E-05	8.41E-07	1.91E-05	2.61E-03	2.42E-04	3.12E-03
1561	NG_257	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.907	8.56E-03	1.80E-02	2.46E-01	1.30E-02	4.67E-06	1.94E-02	2.75E-03	8.58E-04	1.68E-11	4.46E-04	1.19E-06	8.54E-07	1.31E-05	8.15E-06	4.87E-05	7.72E-07	1.75E-05	2.40E-03	2.22E-04	2.86E-03
1592	NG_288	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.957	9.43E-03	1.98E-02	2.72E-01	1.41E-02	5.14E-06	1.91E-02	3.03E-03	9.45E-04	1.85E-11	4.92E-04	1.32E-06	9.44E-07	1.44E-05	8.99E-06	5.36E-05	8.51E-07	1.93E-05	2.64E-03	2.45E-04	3.15E-03
1593	NG_289	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.957	9.87E-03	2.07E-02	2.84E-01	1.47E-02	5.39E-06	2.02E-02	3.17E-03	9.90E-04	1.94E-11	5.15E-04	1.38E-06	9.89E-07	1.51E-05	9.41E-06	5.61E-05	8.91E-07	2.02E-05	2.77E-03	2.56E-04	3.30E-03
1633	NG_329	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.007	9.64E-03	2.02E-02	2.78E-01	1.44E-02	5.26E-06	1.97E-02	3.10E-03	9.66E-04	1.89E-11	5.03E-04	1.34E-06	9.63E-07	1.47E-05	9.19E-06	5.48E-05	8.70E-07	1.98E-05	2.70E-03	2.50E-04	3.22E-03
1634	NG_330	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.007	1.02E-02	2.15E-02	2.95E-01	1.53E-02	5.58E-06	2.10E-02	3.29E-03	1.02E-03	2.01E-11	5.33E-04	1.43E-06	1.02E-06	1.56E-05	9.75E-06	5.81E-05	9.22E-07	2.10E-05	2.87E-03	2.65E-04	3.42E-03
1674	NG_370	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.057	9.70E-03	2.04E-02	2.79E-01	1.45E-02	5.29E-06	2.00E-02	3.12E-03	9.72E-04	1.90E-11	5.05E-04	1.35E-06	9.67E-07	1.48E-05	9.24E-06	5.51E-05	8.74E-07	1.99E-05	2.72E-03	2.51E-04	3.24E-03
1675	NG_371	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.057	1.04E-02	2.18E-02	2.98E-01	1.55E-02	5.65E-06	2.15E-02	3.33E-03	1.04E-03	2.03E-11	5.40E-04	1.44E-06	1.03E-06	1.58E-05	9.87E-06	5.89E-05	9.34E-07	2.12E-05	2.90E-03	2.69E-04	3.46E-03
1676	NG_372	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.057	1.11E-02	2.33E-02	3.19E-01	1.66E-02	6.05E-06	2.32E-02	3.56E-03	1.11E-03	2.18E-11	5.78E-04	1.55E-06	1.11E-06	1.69E-05	1.06E-05	6.31E-05	1.00E-06	2.28E-05	3.11E-03	2.88E-04	3.71E-03
1715	NG_411	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.107	9.63E-03	2.02E-02	2.77E-01	1.45E-02	5.25E-06	2.02E-02	3.10E-03	9.65E-04	1.89E-11	5.02E-04	1.34E-06	9.58E-07	1.47E-05	9.18E-06	5.48E-05	8.69E-07	1.98E-05	2.70E-03	2.50E-04	3.22E-03
1716	NG_412	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.107	1.03E-02	2.17E-02	2.97E-01	1.55E-02	5.63E-06	2.17E-02	3.32E-03	1.03E-03	2.02E-11	5.38E-04	1.44E-06	1.03E-06	1.58E-05	9.83E-06	5.87E-05	9.31E-07	2.12E-05	2.89E-03	2.68E-04	3.45E-03
1717	NG_413	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.107	1.12E-02	2.35E-02	3.22E-01	1.68E-02	6.10E-06	2.37E-02	3.60E-03	1.12E-03	2.19E-11	5.83E-04	1.56E-06	1.12E-06	1.71E-05	1.07E-05	6.36E-05	1.01E-06	2.30E-05	3.14E-03	2.90E-04	3.74E-03
1756	NG_452	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.157	9.50E-03	1.99E-02	2.73E-01	1.44E-02	5.17E-06	2.04E-02	3.05E-03	9.52E-04	1.86E-11	4.95E-04	1.32E-06	9.41E-07	1.45E-05	9.04E-06	5.40E-05	8.56E-07	1.95E-05	2.66E-03	2.46E-04	3.17E-03
1757	NG_453	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.157	1.03E-02	2.16E-02	2.95E-01	1.55E-02	5.59E-06	2.20E-02	3.30E-03	1.03E-03	2.01E-11	5.35E-04	1.43E-06	1.02E-06	1.57E-05	9.77E-06	5.84E-05	9.25E-07	2.10E-05	2.88E-03	2.66E-04	3.43E-03
1758	NG_454	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.157	1.12E-02	2.35E-02	3.22E-01	1.69E-02	6.10E-06	2.41E-02	3.60E-03	1.12E-03	2.20E-11	5.84E-04	1.56E-06	1.11E-06	1.71E-05	1.07E-05	6.37E-05	1.01E-06	2.30E-05	3.14E-03	2.90E-04	3.74E-03
1759	NG_455	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.157	1.23E-02	2.58E-02	3.53E-01	1.85E-02	6.69E-06	2.66E-02	3.94E-03	1.23E-03	2.41E-11	6.40E-04	1.71E-06	1.22E-06	1.87E-05	1.17E-05	6.98E-05	1.11E-06	2.52E-05	3.44E-03	3.18E-04	4.10E-03
1797	NG_493	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.207	9.39E-03	1.97E-02	2.70E-01	1.44E-02	5.11E-06	2.07E-02	3.02E-03	9.41E-04	1.84E-11	4.89E-04	1.30E-06	9.28E-07	1.43E-05	8.94E-06	5.34E-05	8.47E-07	1.93E-05	2.63E-03	2.44E-04	3.14E-03
1798	NG_494	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.207	1.02E-02	2.14E-02	2.94E-01	1.56E-02	5.56E-06	2.25E-02	3.28E-03	1.02E-03	2.00E-11	5.32E-04	1.42E-06	1.01E-06	1.56E-05	9.71E-06	5.80E-05	9.19E-07	2.09E-05	2.86E-03	2.65E-04	3.41E-03
1799	NG_495	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.207	1.11E-02	2.33E-02	3.20E-01	1.69E-02	6.05E-06	2.45E-02	3.57E-03	1.11E-03	2.18E-11	5.79E-04	1.54E-06	1.10E-06	1.69E-05	1.06E-05	6.32E-05	1.00E-06	2.28E-05	3.11E-03	2.88E-04	3.71E-03
1800	NG_496	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.207	1.22E-02	2.57E-02	3.52E-01	1.86E-02	6.67E-06	2.71E-02	3.93E-03	1.23E-03	2.40E-11	6.38E-04	1.70E-06	1.21E-06	1.87E-05	1.17E-05	6.96E-05	1.10E-06	2.51E-05	3.43E-03	3.18E-04	4.09E-03
1838	NG_534	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.257	9.31E-03	1.96E-02	2.68E-01	1.44E-02	5.07E-06	2.11E-02	2.99E-03	9.33E-04	1.83E-11	4.85E-04	1.29E-06	9.16E-07	1.42E-05	8.86E-06	5.29E-05	8.39E-07	1.91E-05	2.61E-03	2.41E-04	3.11E-03
1839	NG_535	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.257	1.01E-02	2.12E-02	2.90E-01	1.56E-02	5.49E-06	2.29E-02	3.24E-03	1.01E-03	1.98E-11	5.26E-04	1.40E-06	9.94E-07	1.54E-05	9.60E-06	5.74E-05	9.09E-07	2.07E-05	2.83E-03	2.62E-04	3.37E-03
1840	NG_536	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.257	1.10E-02	2.31E-02	3.17E-01	1.70E-02	6.00E-06	2.50E-02	3.54E-03	1.10E-03	2.16E-11	5.74E-04	1.53E-06	1.09E-06	1.68E-05	1.05E-05	6.26E-05	9.92E-07	2.26E-05	3.09E-03	2.86E-04	3.68E-03
1841	NG_537	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.257	1.21E-02	2.54E-02	3.48E-01	1.86E-02	6.59E-06	2.74E-02	3.89E-03	1.21E-03	2.37E-11	6.30E-04	1.68E-06	1.20E-06	1.85E-05	1.15E-05	6.88E-05	1.09E-06	2.48E-05	3.39E-03	3.14E-04	4.04E-03
1879	NG_575	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.307	9.26E-03	1.95E-02	2.67E-01	1.44E-02	5.04E-06	2.15E-02	2.98E-03	9.29E-04	1.82E-11	4.83E-04	1.28E-06	9.09E-07	1.41E-05	8.81E-06	5.27E-05	8.35E-07	1.90E-05	2.60E-03	2.40E-04	3.10E-03
1880	NG_576	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.307	9.98E-03	2.10E-02	2.87E-01	1.55E-02	5.43E-06	2.32E-02	3.21E-03	1.00E-03	1.96E-11	5.20E-04	1.38E-06	9.80E-07	1.52E-05	9.50E-06	5.68E-05	9.00E-07	2.05E-05	2.80E-03	2.59E-04	3.34E-03
1881	NG_577	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.307	1.09E-02	2.29E-02	3.14E-01	1.69E-02	5.93E-06	2.54E-02	3.50E-03	1.09E-03	2.14E-11	5.68E-04	1.51E-06	1.07E-06	1.66E-05	1.04E-05	6.20E-05	9.83E-07	2.24E-05	3.06E-03	2.83E-04	3.64E-03
1920	NG_616	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.357	9.29E-03	1.95E-02	2.67E-01	1.46E-02	5.05E-06	2.20E-02	2.99E-03	9.31E-04	1.82E-11	4.84E-04	1.29E-06	9.09E-07	1.42E-05	8.83E-06	5.28E-05	8.37E-07	1.91E-05	2.61E-03	2.41E-04	3.11E-03
1921	NG_617	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.357	1.00E-02	2.10E-02	2.88E-01	1.57E-02	5.45E-06	2.38E-02	3.22E-03	1.00E-03	1.97E-11	5.22E-04	1.39E-06	9.81E-07	1.53E-05	9.53E-06	5.70E-05	9.03E-07	2.06E-05	2.81E-03	2.60E-04	3.35E-03
2084	NG_780	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.557	9.46E-03	1.99E-02	2.72E-01	1.52E-02	5.14E-06	2.33E-02	3.04E-03	9.49E-04	1.86E-11	4.93E-04	1.31E-06	9.21E-07	1.44E-05	8.99E-06	5.38E-05	8.52E-07	1.94E-05	2.65E-03	2.46E-04	3.16E-03
2087	NG_783	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.557	1.21E-02	2.55E-02	3.48E-01	1.91E-02	6.59E-06	3.00E-02	3.89E-03	1.21E-03	2.38E-11	6.31E-04	1.68E-06	1.18E-06	1.85E-05	1.15E-05	6.89E-05	1.09E-06	2.49E-05	3.40E-03	3.14E-04	4.05E-03
1259	SR_298	Sensitive Receptor	Parks/ Recreation	Offsite	381.618	6366.961	1.13E-02	2.38E-02	3.27E-01	1.70E-02	6.13E-06	1.86E-02	3.63E-03	1.13E-03	2.22E-11	5.89E-04	1.55E-06	1.08E-06	1.73E-05	1.07E-05	6.43E-05	1.02E-06	2.32E-05	3.17E-03	2.94E-04	3.78E-03
1261	SR_300	Sensitive Receptor	Parks/ Recreation	Offsite	379.964	6366.659	9.38E-03	1.97E-02	2.70E-01	1.38E-02	5.08E-06	1.80E-02	3.01E-03	9.41E-04	1.84E-11	4.88E-04	1.28E-06	8.88E-07	1.43E-05	8.88E-06	5.34E-05	8.43E-07	1.93E-05	2.63E-03	2.44E-04	3.14E-03

AQIA DATA - SCENARIO 1 RECREATIONAL

Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.69E-08**	**4.89E-08**	**2.00E-07**	**4.15E-09**	**1.45E-11**	**2.06E-06**	**8.56E-09**	**2.67E-09**	**5.23E-17**	**1.39E-09**	**3.68E-12**	**2.59E-12**	**4.07E-11**	**2.53E-11**	**1.52E-10**	**2.40E-12**	**5.47E-11**	**7.47E-09**	**6.92E-10**	**8.91E-09**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**SG_725**	**SG_725**	**SG_725**	**NG_783**	**SG_725**	**NG_783**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**378.900**	**378.900**	**378.900**	**378.814**	**378.900**	**378.814**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**
						Y	**6369.100**	**6369.100**	**6369.100**	**6367.557**	**6369.100**	**6367.557**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**
1	SG_1	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6364.500	1.35E-09	2.66E-09	1.16E-08	1.23E-10	7.35E-13	8.83E-08	4.33E-10	1.35E-10	2.64E-18	7.02E-11	1.88E-13	1.35E-13	2.06E-12	1.28E-12	7.66E-12	1.22E-13	2.76E-12	3.78E-10	3.49E-11	4.50E-10
2	SG_2	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6364.500	1.34E-09	2.61E-09	1.14E-08	1.20E-10	7.24E-13	8.86E-08	4.26E-10	1.33E-10	2.60E-18	6.92E-11	1.85E-13	1.33E-13	2.03E-12	1.27E-12	7.55E-12	1.20E-13	2.72E-12	3.72E-10	3.44E-11	4.43E-10
3	SG_3	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6364.500	1.31E-09	2.54E-09	1.11E-08	1.17E-10	7.07E-13	8.76E-08	4.16E-10	1.30E-10	2.54E-18	6.75E-11	1.81E-13	1.30E-13	1.98E-12	1.24E-12	7.37E-12	1.17E-13	2.66E-12	3.63E-10	3.36E-11	4.33E-10
4	SG_4	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6364.500	1.26E-09	2.39E-09	1.04E-08	1.11E-10	6.70E-13	8.24E-08	3.95E-10	1.23E-10	2.41E-18	6.41E-11	1.71E-13	1.23E-13	1.88E-12	1.17E-12	6.99E-12	1.11E-13	2.52E-12	3.45E-10	3.19E-11	4.11E-10
5	SG_5	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6364.500	1.21E-09	2.23E-09	9.61E-09	1.05E-10	6.33E-13	7.80E-08	3.73E-10	1.16E-10	2.28E-18	6.05E-11	1.62E-13	1.16E-13	1.77E-12	1.11E-12	6.60E-12	1.05E-13	2.38E-12	3.26E-10	3.01E-11	3.88E-10
6	SG_6	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6364.500	1.20E-09	2.13E-09	9.16E-09	1.01E-10	6.11E-13	7.76E-08	3.60E-10	1.12E-10	2.20E-18	5.85E-11	1.56E-13	1.12E-13	1.71E-12	1.07E-12	6.38E-12	1.01E-13	2.30E-12	3.14E-10	2.91E-11	3.75E-10
7	SG_7	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6364.500	1.18E-09	2.03E-09	8.77E-09	9.64E-11	5.92E-13	7.65E-08	3.49E-10	1.09E-10	2.13E-18	5.66E-11	1.51E-13	1.08E-13	1.66E-12	1.03E-12	6.17E-12	9.79E-14	2.23E-12	3.04E-10	2.82E-11	3.63E-10
8	SG_8	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6364.500	1.18E-09	2.03E-09	8.78E-09	9.37E-11	5.91E-13	7.69E-08	3.48E-10	1.09E-10	2.13E-18	5.65E-11	1.51E-13	1.08E-13	1.65E-12	1.03E-12	6.16E-12	9.78E-14	2.22E-12	3.04E-10	2.81E-11	3.62E-10
9	SG_9	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6364.500	1.20E-09	2.10E-09	9.09E-09	9.32E-11	6.06E-13	7.89E-08	3.57E-10	1.11E-10	2.18E-18	5.80E-11	1.55E-13	1.10E-13	1.70E-12	1.06E-12	6.32E-12	1.00E-13	2.28E-12	3.12E-10	2.88E-11	3.72E-10
10	SG_10	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6364.500	1.25E-09	2.24E-09	9.69E-09	9.60E-11	6.42E-13	8.43E-08	3.79E-10	1.18E-10	2.31E-18	6.14E-11	1.64E-13	1.17E-13	1.80E-12	1.12E-12	6.70E-12	1.06E-13	2.42E-12	3.30E-10	3.06E-11	3.94E-10
11	SG_11	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6364.500	1.19E-09	2.16E-09	9.10E-09	8.97E-11	6.21E-13	7.32E-08	3.67E-10	1.14E-10	2.24E-18	5.94E-11	1.58E-13	1.13E-13	1.74E-12	1.09E-12	6.49E-12	1.03E-13	2.34E-12	3.20E-10	2.96E-11	3.81E-10
12	SG_12	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6364.500	1.23E-09	2.26E-09	9.31E-09	9.21E-11	6.51E-13	7.23E-08	3.85E-10	1.20E-10	2.35E-18	6.24E-11	1.66E-13	1.18E-13	1.83E-12	1.14E-12	6.81E-12	1.08E-13	2.46E-12	3.36E-10	3.11E-11	4.00E-10
13	SG_13	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6364.500	1.28E-09	2.37E-09	9.57E-09	9.35E-11	6.85E-13	7.21E-08	4.04E-10	1.26E-10	2.47E-18	6.56E-11	1.74E-13	1.23E-13	1.92E-12	1.20E-12	7.16E-12	1.13E-13	2.58E-12	3.53E-10	3.27E-11	4.21E-10
14	SG_14	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6364.500	1.33E-09	2.46E-09	9.84E-09	9.28E-11	7.14E-13	7.28E-08	4.22E-10	1.32E-10	2.58E-18	6.84E-11	1.82E-13	1.28E-13	2.00E-12	1.25E-12	7.47E-12	1.18E-13	2.70E-12	3.68E-10	3.41E-11	4.39E-10
15	SG_15	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6364.500	1.40E-09	2.59E-09	1.04E-08	9.50E-11	7.54E-13	7.61E-08	4.46E-10	1.39E-10	2.72E-18	7.23E-11	1.92E-13	1.35E-13	2.12E-12	1.32E-12	7.89E-12	1.25E-13	2.85E-12	3.89E-10	3.60E-11	4.64E-10
17	SG_17	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6364.500	1.65E-09	3.08E-09	1.25E-08	1.10E-10	8.89E-13	8.78E-08	5.26E-10	1.64E-10	3.21E-18	8.53E-11	2.26E-13	1.58E-13	2.50E-12	1.55E-12	9.31E-12	1.47E-13	3.36E-12	4.59E-10	4.25E-11	5.47E-10
18	SG_18	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6364.500	1.90E-09	3.58E-09	1.46E-08	1.28E-10	1.03E-12	1.02E-07	6.07E-10	1.89E-10	3.70E-18	9.84E-11	2.60E-13	1.82E-13	2.88E-12	1.79E-12	1.07E-11	1.70E-13	3.88E-12	5.30E-10	4.90E-11	6.31E-10
19	SG_19	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6364.500	2.22E-09	4.23E-09	1.74E-08	1.52E-10	1.20E-12	1.22E-07	7.10E-10	2.21E-10	4.33E-18	1.15E-10	3.04E-13	2.13E-13	3.37E-12	2.10E-12	1.26E-11	1.99E-13	4.54E-12	6.19E-10	5.73E-11	7.38E-10
20	SG_20	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6364.500	2.41E-09	4.60E-09	1.89E-08	1.66E-10	1.30E-12	1.29E-07	7.71E-10	2.41E-10	4.71E-18	1.25E-10	3.30E-13	2.31E-13	3.66E-12	2.28E-12	1.36E-11	2.16E-13	4.93E-12	6.73E-10	6.23E-11	8.02E-10
21	SG_21	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6364.500	2.53E-09	4.84E-09	2.00E-08	1.77E-10	1.37E-12	1.33E-07	8.10E-10	2.53E-10	4.94E-18	1.31E-10	3.47E-13	2.42E-13	3.84E-12	2.39E-12	1.43E-11	2.27E-13	5.18E-12	7.07E-10	6.54E-11	8.42E-10
22	SG_22	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6364.500	2.68E-09	5.12E-09	2.12E-08	1.92E-10	1.44E-12	1.40E-07	8.53E-10	2.66E-10	5.21E-18	1.38E-10	3.65E-13	2.54E-13	4.05E-12	2.52E-12	1.51E-11	2.39E-13	5.46E-12	7.45E-10	6.89E-11	8.88E-10
23	SG_23	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6364.500	2.87E-09	5.42E-09	2.27E-08	2.10E-10	1.52E-12	1.49E-07	9.03E-10	2.82E-10	5.51E-18	1.46E-10	3.86E-13	2.68E-13	4.29E-12	2.66E-12	1.60E-11	2.53E-13	5.78E-12	7.88E-10	7.30E-11	9.39E-10
24	SG_24	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6364.500	3.10E-09	5.66E-09	2.38E-08	2.28E-10	1.60E-12	1.58E-07	9.49E-10	2.96E-10	5.80E-18	1.54E-10	4.06E-13	2.82E-13	4.51E-12	2.80E-12	1.68E-11	2.66E-13	6.07E-12	8.28E-10	7.67E-11	9.87E-10
25	SG_25	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6364.500	3.43E-09	5.89E-09	2.50E-08	2.48E-10	1.70E-12	1.71E-07	1.00E-09	3.14E-10	6.14E-18	1.63E-10	4.29E-13	2.98E-13	4.77E-12	2.96E-12	1.78E-11	2.81E-13	6.43E-12	8.77E-10	8.12E-11	1.05E-09
26	SG_26	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6364.500	3.89E-09	6.21E-09	2.68E-08	2.72E-10	1.83E-12	1.87E-07	1.08E-09	3.38E-10	6.61E-18	1.75E-10	4.63E-13	3.21E-13	5.14E-12	3.19E-12	1.92E-11	3.03E-13	6.93E-12	9.45E-10	8.75E-11	1.13E-09
27	SG_27	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6364.500	4.20E-09	6.43E-09	2.80E-08	2.85E-10	1.91E-12	1.88E-07	1.13E-09	3.54E-10	6.93E-18	1.84E-10	4.85E-13	3.37E-13	5.39E-12	3.35E-12	2.01E-11	3.18E-13	7.26E-12	9.90E-10	9.17E-11	1.18E-09
28	SG_28	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6364.500	4.62E-09	7.10E-09	3.14E-08	3.12E-10	2.10E-12	1.97E-07	1.25E-09	3.89E-10	7.60E-18	2.02E-10	5.33E-13	3.71E-13	5.91E-12	3.68E-12	2.20E-11	3.49E-13	7.97E-12	1.09E-09	1.01E-10	1.30E-09
29	SG_29	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6364.500	5.28E-09	8.21E-09	3.69E-08	3.60E-10	2.41E-12	2.21E-07	1.43E-09	4.45E-10	8.71E-18	2.31E-10	6.10E-13	4.25E-13	6.77E-12	4.21E-12	2.53E-11	4.00E-13	9.13E-12	1.25E-09	1.15E-10	1.48E-09
30	SG_30	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6364.500	6.12E-09	9.62E-09	4.37E-08	4.29E-10	2.80E-12	2.61E-07	1.66E-09	5.17E-10	1.01E-17	2.69E-10	7.09E-13	4.93E-13	7.87E-12	4.89E-12	2.93E-11	4.64E-13	1.06E-11	1.45E-09	1.34E-10	1.72E-09
31	SG_31	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6364.500	6.45E-09	1.03E-08	4.64E-08	4.69E-10	2.97E-12	2.75E-07	1.76E-09	5.49E-10	1.07E-17	2.85E-10	7.52E-13	5.24E-13	8.35E-12	5.19E-12	3.11E-11	4.92E-13	1.12E-11	1.53E-09	1.42E-10	1.83E-09
32	SG_32	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6364.700	1.51E-09	2.97E-09	1.30E-08	1.38E-10	8.20E-13	1.01E-07	4.83E-10	1.51E-10	2.95E-18	7.84E-11	2.10E-13	1.50E-13	2.30E-12	1.43E-12	8.55E-12	1.36E-13	3.08E-12	4.22E-10	3.90E-11	5.03E-10
33	SG_33	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6364.700	1.46E-09	2.85E-09	1.24E-08	1.32E-10	7.88E-13	9.74E-08	4.64E-10	1.45E-10	2.83E-18	7.53E-11	2.02E-13	1.45E-13	2.21E-12	1.38E-12	8.22E-12	1.30E-13	2.96E-12	4.05E-10	3.75E-11	4.83E-10
34	SG_34	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6364.700	1.43E-09	2.75E-09	1.20E-08	1.28E-10	7.67E-13	9.61E-08	4.52E-10	1.41E-10	2.76E-18	7.33E-11	1.96E-13	1.40E-13	2.15E-12	1.34E-12	7.99E-12	1.27E-13	2.88E-12	3.94E-10	3.64E-11	4.70E-10
35	SG_35	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6364.700	1.40E-09	2.65E-09	1.14E-08	1.24E-10	7.43E-13	9.49E-08	4.38E-10	1.37E-10	2.67E-18	7.10E-11	1.90E-13	1.36E-13	2.08E-12	1.30E-12	7.75E-12	1.23E-13	2.79E-12	3.82E-10	3.53E-11	4.55E-10
36	SG_36	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6364.700	1.37E-09	2.48E-09	1.06E-08	1.19E-10	7.07E-13	9.19E-08	4.17E-10	1.30E-10	2.54E-18	6.76E-11	1.81E-13	1.29E-13	1.98E-12	1.24E-12	7.37E-12	1.17E-13	2.66E-12	3.63E-10	3.36E-11	4.33E-10
37	SG_37	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6364.700	1.37E-09	2.34E-09	1.00E-08	1.15E-10	6.81E-13	9.23E-08	4.01E-10	1.25E-10	2.45E-18	6.51E-11	1.74E-13	1.25E-13	1.91E-12	1.19E-12	7.10E-12	1.13E-13	2.56E-12	3.50E-10	3.24E-11	4.17E-10
38	SG_38	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6364.700	1.36E-09	2.22E-09	9.54E-09	1.09E-10	6.58E-13	9.13E-08	3.88E-10	1.21E-10	2.37E-18	6.29E-11	1.68E-13	1.20E-13	1.84E-12	1.15E-12	6.86E-12	1.09E-13	2.47E-12	3.38E-10	3.13E-11	4.03E-10
39	SG_39	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6364.700	1.37E-09	2.27E-09	9.80E-09	1.07E-10	6.68E-13	9.32E-08	3.94E-10	1.23E-10	2.40E-18	6.39E-11	1.71E-13	1.22E-13	1.87E-12	1.17E-12	6.97E-12	1.11E-13	2.51E-12	3.44E-10	3.18E-11	4.10E-10
40	SG_40	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6364.700	1.32E-09	2.30E-09	9.87E-09	1.02E-10	6.66E-13	8.67E-08	3.92E-10	1.22E-10	2.40E-18	6.37E-11	1.70E-13	1.21E-13	1.86E-12	1.16E-12	6.94E-12	1.10E-13	2.50E-12	3.42E-10	3.17E-11	4.08E-10
41	SG_41	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6364.700	1.35E-09	2.45E-09	1.05E-08	1.03E-10	7.00E-13	8.94E-08	4.13E-10	1.29E-10	2.52E-18	6.70E-11	1.79E-13	1.27E-13	1.96E-12	1.22E-12	7.31E-12	1.16E-13	2.64E-12	3.60E-10	3.33E-11	4.29E-10
42	SG_42	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6364.700	1.29E-09	2.37E-09	9.95E-09	9.67E-11	6.80E-13	7.89E-08	4.01E-10	1.25E-10	2.45E-18	6.50E-11	1.73E-13	1.23E-13	1.90E-12	1.19E-12	7.10E-12	1.12E-13	2.56E-12	3.50E-10	3.24E-11	4.17E-10
43	SG_43	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6364.700	1.33E-09	2.48E-09	1.02E-08	9.94E-11	7.12E-13	7.86E-08	4.20E-10	1.31E-10	2.56E-18	6.81E-11	1.81E-13	1.29E-13	2.00E-12	1.24E-12	7.44E-12	1.18E-13	2.68E-12	3.67E-10	3.39E-11	4.37E-10
44	SG_44	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6364.700	1.40E-09	2.61E-09	1.05E-08	1.02E-10	7.54E-13	7.98E-08	4.46E-10	1.39E-10	2.72E-18	7.23E-11	1.92E-13	1.36E-13	2.12E-12	1.32E-12	7.89E-12	1.25E-13	2.85E-12	3.89E-10	3.60E-11	4.64E-10
45	SG_45	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6364.700	1.46E-09	2.72E-09	1.08E-08	1.02E-10	7.89E-13	8.10E-08	4.66E-10	1.46E-10	2.85E-18	7.56E-11	2.01E-13	1.41E-13	2.21E-12	1.38E-12	8.25E-12	1.31E-13	2.98E-12	4.07E-10	3.77E-11	4.85E-10
46	SG_46	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6364.700	1.53E-09	2.83E-09	1.12E-08	1.03E-10	8.24E-13	8.29E-08	4.87E-10	1.52E-10	2.97E-18	7.90E-11	2.09E-13	1.47E-13	2.31E-12	1.44E-12	8.62E-12	1.37E-13	3.11E-12	4.25E-10	3.93E-11	5.07E-10
48	SG_48	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6364.700	1.81E-09	3.39E-09	1.36E-08	1.21E-10	9.80E-13	9.70E-08	5.80E-10	1.81E-10	3.54E-18	9.40E-11	2.49E-13	1.75E-13	2.75E-12	1.71E-12	1.03E-11	1.62E-13	3.71E-12	5.06E-10	4.68E-11	6.03E-10
49	SG_49	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6364.700	2.13E-09	4.02E-09	1.64E-08	1.43E-10	1.15E-12	1.16E-07	6.81E-10	2.12E-10	4.15E-18	1.10E-10	2.92E-13	2.05E-13	3.23E-12	2.01E-12	1.20E-11	1.91E-13	4.35E-12	5.94E-10	5.50E-11	7.08E-10
50	SG_50	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6364.700	2.45E-09	4.67E-09	1.91E-08	1.68E-10	1.33E-12	1.35E-07	7.85E-10	2.45E-10	4.79E-18	1.27E-10	3.37E-13	2.35E-13	3.73E-12	2.32E-12	1.39E-11	2.20E-13	5.02E-12	6.85E-10	6.34E-11	8.16E-10
51	SG_51	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6364.700	2.62E-09	5.00E-09	2.05E-08	1.81E-10	1.42E-12	1.40E-07	8.39E-10	2.62E-10	5.12E-18	1.36E-10	3.60E-13	2.51E-13	3.98E-12	2.48E-12	1.49E-11	2.35E-13	5.37E-12	7.32E-10	6.78E-11	8.73E-10
52	SG_52	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6364.700	2.81E-09	5.36E-09	2.21E-08	1.98E-10	1.51E-12	1.49E-07	8.96E-10	2.80E-10	5.47E-18	1.45E-10	3.83E-13	2.67E-13	4.25E-12	2.64E-12	1.59E-11	2.51E-13	5.73E-12	7.82E-10	7.24E-11	9.32E-10
53	SG_53	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6364.700	2.99E-09	5.69E-09	2.36E-08	2.16E-10	1.60E-12	1.58E-07	9.48E-10	2.96E-10	5.79E-18	1.54E-10	4.06E-13	2.82E-13	4.50E-12	2.80E-12	1.68E-11	2.66E-13	6.07E-12	8.28E-10	7.66E-11	9.87E-10
54	SG_54	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6364.700	3.25E-09	6.03E-09	2.52E-08	2.39E-10	1.70E-12	1.70E-07	1.01E-09	3.15E-10	6.15E-18	1.63E-10	4.31E-13	2.99E-13	4.78E-12	2.97E-12	1.78E-11	2.82E-13	6.45E-12	8.80E-10	8.14E-11	1.05E-09
55	SG_55	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6364.700	3.57E-09	6.24E-09	2.63E-08	2.60E-10	1.79E-12	1.83E-07	1.06E-09	3.31E-10	6.48E-18	1.72E-10	4.53E-13	3.15E-13	5.04E-12	3.13E-12	1.88E-11	2.97E-13	6.79E-12	9.26E-10	8.57E-11	1.10E-09
56	SG_56	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6364.700	3.94E-09	6.29E-09	2.67E-08	2.75E-10	1.86E-12	1.92E-07	1.10E-09	3.43E-10	6.71E-18	1.78E-10	4.70E-13	3.27E-13	5.22E-12	3.24E-12	1.95E-11	3.08E-13	7.03E-12	9.60E-10	8.88E-11	1.14E-09
57	SG_57	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6364.700	4.40E-09	6.59E-09	2.83E-08	2.98E-10	1.98E-12	2.04E-07	1.17E-09	3.66E-10	7.17E-18	1.90E-10	5.02E-13	3.49E-13	5.57E-12	3.46E-12	2.08E-11	3.29E-13	7.51E-12	1.02E-09	9.49E-11	1.22E-09
58	SG_58	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6364.700	5.22E-09	7.84E-09	3.45E-08	3.57E-10	2.34E-12	2.43E-07	1.39E-09	4.32E-10	8.46E-18	2.24E-10	5.92E-13	4.12E-13	6.57E-12	4.09E-12	2.45E-11	3.88E-13	8.86E-12	1.21E-09	1.12E-10	1.44E-09
59	SG_59	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6364.700	6.37E-09	1.00E-08	4.53E-08	4.53E-10	2.92E-12	3.10E-07	1.73E-09	5.40E-10	1.06E-17	2.81E-10	7.40E-13	5.15E-13	8.22E-12	5.11E-12	3.07E-11	4.85E-13	1.11E-11	1.51E-09	1.40E-10	1.80E-09
60	SG_60	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6364.700	6.71E-09	1.11E-08	5.00E-08	4.92E-10	3.16E-12	3.13E-07	1.87E-09	5.84E-10	1.14E-17	3.03E-10	8.01E-13	5.57E-13	8.89E-12	5.53E-12	3.32E-11	5.24E-13	1.20E-11	1.63E-09	1.51E-10	1.95E-09
61	SG_61	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6364.700	6.47E-09	1.09E-08	4.90E-08	4.92E-10	3.10E-12	2.83E-07	1.84E-09	5.74E-10	1.12E-17	2.98E-10	7.87E-13	5.48E-13	8.73E-12	5.43E-12	3.25E-11	5.15E-13	1.18E-11	1.60E-09	1.49E-10	1.91E-09
62	SG_62	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6364.700	6.21E-09	1.07E-08	4.73E-08	4.96E-10	3.02E-12	2.62E-07	1.79E-09	5.58E-10	1.09E-17	2.90E-10	7.65E-13	5.34E-13	8.49E-12	5.28E-12	3.17E-11	5.01E-13	1.14E-11	1.56E-09	1.44E-10	1.86E-09
63	SG_63	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6364.900	1.72E-09	3.39E-09	1.48E-08	1.58E-10	9.34E-13	1.18E-07	5.50E-10	1.72E-10	3.36E-18	8.92E-11	2.39E-13	1.71E-13	2.61E-12	1.63E-12	9.73E-12	1.54E-13	3.51E-12	4.80E-10	4.44E-11	5.72E-10
64	SG_64	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6364.900	1.67E-09	3.27E-09	1.42E-08	1.52E-10	9.03E-13	1.16E-07	5.32E-10	1.66E-10	3.25E-18	8.63E-11	2.31E-13	1.66E-13	2.53E-12	1.58E-12	9.41E-12	1.49E-13	3.39E-12	4.64E-10	4.29E-11	5.53E-10
65	SG_65	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6364.900	1.60E-09	3.09E-09	1.34E-08	1.44E-10	8.59E-13	1.11E-07	5.06E-10	1.58E-10	3.09E-18	8.21E-11	2.20E-13	1.57E-13	2.40E-12	1.50E-12	8.95E-12	1.42E-13	3.23E-12	4.41E-10	4.08E-11	5.26E-10
66	SG_66	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6364.900	1.60E-09	3.00E-09	1.30E-08	1.42E-10	8.43E-13	1.13E-07	4.96E-10	1.55E-10	3.03E-18	8.05E-11	2.16E-13	1.54E-13	2.36E-12	1.47E-12	8.79E-12	1.39E-13	3.17E-12	4.33E-10	4.01E-11	5.16E-10
67	SG_67	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6364.900	1.57E-09	2.78E-09	1.19E-08	1.36E-10	7.97E-13	1.10E-07	4.70E-10	1.47E-10	2.87E-18	7.62E-11	2.04E-13	1.46E-13	2.23E-12	1.39E-12	8.31E-12	1.32E-13	3.00E-12	4.10E-10	3.79E-11	4.89E-10
68	SG_68	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6364.900	1.62E-09	2.65E-09	1.13E-08	1.34E-10	7.80E-13	1.16E-07	4.59E-10	1.43E-10	2.80E-18	7.45E-11	1.99E-13	1.43E-13	2.18E-12	1.36E-12	8.13E-12	1.29E-13	2.93E-12	4.01E-10	3.71E-11	4.78E-10
69	SG_69	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6364.900	1.57E-09	2.46E-09	1.05E-08	1.25E-10	7.38E-13	1.11E-07	4.35E-10	1.36E-10	2.66E-18	7.06E-11	1.89E-13	1.35E-13	2.07E-12	1.29E-12	7.70E-12	1.22E-13	2.78E-12	3.80E-10	3.51E-11	4.52E-10
70	SG_70	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6364.900	1.46E-09	2.39E-09	1.02E-08	1.14E-10	7.09E-13	9.88E-08	4.18E-10	1.30E-10	2.55E-18	6.77E-11	1.81E-13	1.29E-13	1.98E-12	1.24E-12	7.39E-12	1.17E-13	2.67E-12	3.64E-10	3.37E-11	4.34E-10
71	SG_71	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6364.900	1.46E-09	2.55E-09	1.09E-08	1.13E-10	7.38E-13	9.85E-08	4.35E-10	1.36E-10	2.66E-18	7.06E-11	1.89E-13	1.35E-13	2.07E-12	1.29E-12	7.70E-12	1.22E-13	2.78E-12	3.80E-10	3.51E-11	4.52E-10
72	SG_72	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6364.900	1.42E-09	2.60E-09	1.11E-08	1.09E-10	7.43E-13	9.34E-08	4.38E-10	1.37E-10	2.68E-18	7.11E-11	1.90E-13	1.35E-13	2.08E-12	1.30E-12	7.76E-12	1.23E-13	2.80E-12	3.82E-10	3.54E-11	4.56E-10
73	SG_73	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6364.900	1.39E-09	2.60E-09	1.09E-08	1.05E-10	7.42E-13	8.84E-08	4.38E-10	1.37E-10	2.67E-18	7.10E-11	1.89E-13	1.35E-13	2.08E-12	1.30E-12	7.75E-12	1.23E-13	2.80E-12	3.82E-10	3.54E-11	4.55E-10
74	SG_74	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6364.900	1.46E-09	2.74E-09	1.13E-08	1.09E-10	7.84E-13	9.04E-08	4.63E-10	1.44E-10	2.83E-18	7.51E-11	2.00E-13	1.42E-13	2.20E-12	1.37E-12	8.19E-12	1.30E-13	2.96E-12	4.04E-10	3.74E-11	4.82E-10
75	SG_75	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6364.900	1.53E-09	2.86E-09	1.15E-08	1.12E-10	8.23E-13	8.95E-08	4.86E-10	1.52E-10	2.97E-18	7.89E-11	2.10E-13	1.48E-13	2.31E-12	1.44E-12	8.61E-12	1.36E-13	3.11E-12	4.25E-10	3.93E-11	5.06E-10
76	SG_76	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6364.900	1.59E-09	2.97E-09	1.18E-08	1.11E-10	8.61E-13	8.99E-08	5.09E-10	1.59E-10	3.11E-18	8.25E-11	2.19E-13	1.54E-13	2.42E-12	1.51E-12	9.01E-12	1.43E-13	3.25E-12	4.44E-10	4.11E-11	5.29E-10
77	SG_77	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6364.900	1.67E-09	3.09E-09	1.22E-08	1.12E-10	9.01E-13	9.14E-08	5.33E-10	1.66E-10	3.25E-18	8.64E-11	2.29E-13	1.61E-13	2.53E-12	1.57E-12	9.43E-12	1.49E-13	3.40E-12	4.65E-10	4.30E-11	5.54E-10
80	SG_80	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6364.900	2.36E-09	4.47E-09	1.81E-08	1.59E-10	1.28E-12	1.29E-07	7.57E-10	2.36E-10	4.62E-18	1.23E-10	3.25E-13	2.28E-13	3.59E-12	2.24E-12	1.34E-11	2.12E-13	4.84E-12	6.61E-10	6.11E-11	7.87E-10
81	SG_81	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6364.900	2.74E-09	5.21E-09	2.13E-08	1.87E-10	1.48E-12	1.52E-07	8.76E-10	2.74E-10	5.35E-18	1.42E-10	3.76E-13	2.63E-13	4.16E-12	2.59E-12	1.55E-11	2.46E-13	5.60E-12	7.65E-10	7.08E-11	9.12E-10
82	SG_82	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6364.900	3.02E-09	5.76E-09	2.37E-08	2.10E-10	1.63E-12	1.67E-07	9.64E-10	3.01E-10	5.89E-18	1.56E-10	4.13E-13	2.88E-13	4.58E-12	2.85E-12	1.71E-11	2.70E-13	6.16E-12	8.41E-10	7.79E-11	1.00E-09
83	SG_83	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6364.900	3.20E-09	6.10E-09	2.52E-08	2.28E-10	1.72E-12	1.75E-07	1.02E-09	3.18E-10	6.22E-18	1.65E-10	4.36E-13	3.03E-13	4.83E-12	3.01E-12	1.80E-11	2.85E-13	6.51E-12	8.89E-10	8.23E-11	1.06E-09
84	SG_84	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6364.900	3.46E-09	6.54E-09	2.73E-08	2.54E-10	1.84E-12	1.88E-07	1.09E-09	3.40E-10	6.65E-18	1.77E-10	4.66E-13	3.24E-13	5.17E-12	3.21E-12	1.93E-11	3.05E-13	6.97E-12	9.51E-10	8.80E-11	1.13E-09
85	SG_85	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6364.900	3.84E-09	7.00E-09	2.95E-08	2.85E-10	1.98E-12	2.08E-07	1.17E-09	3.66E-10	7.17E-18	1.90E-10	5.01E-13	3.48E-13	5.57E-12	3.46E-12	2.08E-11	3.29E-13	7.51E-12	1.02E-09	9.48E-11	1.22E-09
86	SG_86	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6364.900	4.27E-09	7.13E-09	3.02E-08	3.07E-10	2.07E-12	2.21E-07	1.23E-09	3.83E-10	7.49E-18	1.99E-10	5.24E-13	3.64E-13	5.82E-12	3.62E-12	2.17E-11	3.43E-13	7.84E-12	1.07E-09	9.91E-11	1.28E-09
87	SG_87	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6364.900	4.74E-09	7.22E-09	3.08E-08	3.27E-10	2.16E-12	2.32E-07	1.28E-09	3.99E-10	7.81E-18	2.07E-10	5.47E-13	3.80E-13	6.07E-12	3.77E-12	2.26E-11	3.58E-13	8.18E-12	1.12E-09	1.03E-10	1.33E-09
88	SG_88	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6364.900	5.27E-09	7.87E-09	3.39E-08	3.63E-10	2.36E-12	2.51E-07	1.40E-09	4.36E-10	8.53E-18	2.27E-10	5.98E-13	4.16E-13	6.63E-12	4.12E-12	2.47E-11	3.91E-13	8.94E-12	1.22E-09	1.13E-10	1.45E-09
89	SG_89	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6364.900	6.68E-09	1.06E-08	4.71E-08	4.91E-10	3.09E-12	3.48E-07	1.83E-09	5.71E-10	1.12E-17	2.96E-10	7.82E-13	5.44E-13	8.68E-12	5.40E-12	3.24E-11	5.12E-13	1.17E-11	1.60E-09	1.48E-10	1.90E-09

AQIA DATA - SCENARIO 1 RECREATIONAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.69E-08**	**4.89E-08**	**2.00E-07**	**4.15E-09**	**1.45E-11**	**2.06E-06**	**8.56E-09**	**2.67E-09**	**5.23E-17**	**1.39E-09**	**3.68E-12**	**2.59E-12**	**4.07E-11**	**2.53E-11**	**1.52E-10**	**2.40E-12**	**5.47E-11**	**7.47E-09**	**6.92E-10**	**8.91E-09**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**SG_725**	**SG_725**	**SG_725**	**NG_783**	**SG_725**	**NG_783**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**378.900**	**378.900**	**378.900**	**378.814**	**378.900**	**378.814**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**
						Y	**6369.100**	**6369.100**	**6369.100**	**6367.557**	**6369.100**	**6367.557**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**
90	SG_90	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6364.900	6.60E-09	1.12E-08	4.96E-08	5.07E-10	3.18E-12	3.20E-07	1.89E-09	5.89E-10	1.15E-17	3.06E-10	8.06E-13	5.61E-13	8.95E-12	5.56E-12	3.34E-11	5.28E-13	1.21E-11	1.65E-09	1.52E-10	1.96E-09
91	SG_91	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6364.900	6.36E-09	1.13E-08	4.97E-08	5.12E-10	3.17E-12	2.89E-07	1.88E-09	5.85E-10	1.15E-17	3.04E-10	8.02E-13	5.59E-13	8.90E-12	5.54E-12	3.32E-11	5.25E-13	1.20E-11	1.64E-09	1.52E-10	1.95E-09
92	SG_92	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6364.900	6.48E-09	1.19E-08	5.19E-08	5.50E-10	3.29E-12	2.91E-07	1.95E-09	6.08E-10	1.19E-17	3.16E-10	8.33E-13	5.81E-13	9.24E-12	5.75E-12	3.45E-11	5.45E-13	1.25E-11	1.70E-09	1.57E-10	2.03E-09
93	SG_93	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6364.900	6.61E-09	1.23E-08	5.36E-08	5.90E-10	3.39E-12	2.99E-07	2.01E-09	6.27E-10	1.23E-17	3.25E-10	8.59E-13	5.99E-13	9.53E-12	5.93E-12	3.55E-11	5.62E-13	1.28E-11	1.75E-09	1.62E-10	2.09E-09
94	SG_94	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.100	1.95E-09	3.86E-09	1.67E-08	1.81E-10	1.06E-12	1.36E-07	6.24E-10	1.95E-10	3.81E-18	1.01E-10	2.71E-13	1.94E-13	2.96E-12	1.85E-12	1.10E-11	1.75E-13	3.98E-12	5.45E-10	5.04E-11	6.49E-10
95	SG_95	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.100	1.92E-09	3.78E-09	1.64E-08	1.77E-10	1.04E-12	1.38E-07	6.12E-10	1.91E-10	3.74E-18	9.93E-11	2.66E-13	1.91E-13	2.91E-12	1.82E-12	1.08E-11	1.72E-13	3.91E-12	5.34E-10	4.94E-11	6.37E-10
96	SG_96	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.100	1.87E-09	3.62E-09	1.57E-08	1.70E-10	1.00E-12	1.36E-07	5.91E-10	1.84E-10	3.61E-18	9.58E-11	2.57E-13	1.84E-13	2.81E-12	1.75E-12	1.05E-11	1.66E-13	3.77E-12	5.16E-10	4.77E-11	6.14E-10
97	SG_97	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.100	1.78E-09	3.33E-09	1.44E-08	1.59E-10	9.35E-13	1.29E-07	5.51E-10	1.72E-10	3.36E-18	8.94E-11	2.39E-13	1.71E-13	2.62E-12	1.63E-12	9.75E-12	1.55E-13	3.52E-12	4.81E-10	4.45E-11	5.73E-10
100	SG_100	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.100	1.85E-09	2.79E-09	1.20E-08	1.45E-10	8.48E-13	1.38E-07	5.00E-10	1.56E-10	3.05E-18	8.11E-11	2.17E-13	1.55E-13	2.37E-12	1.48E-12	8.84E-12	1.40E-13	3.19E-12	4.36E-10	4.03E-11	5.20E-10
101	SG_101	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.100	1.65E-09	2.66E-09	1.13E-08	1.29E-10	7.91E-13	1.16E-07	4.66E-10	1.45E-10	2.85E-18	7.57E-11	2.02E-13	1.45E-13	2.22E-12	1.38E-12	8.25E-12	1.31E-13	2.98E-12	4.07E-10	3.76E-11	4.85E-10
102	SG_102	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.100	1.57E-09	2.77E-09	1.18E-08	1.24E-10	8.01E-13	1.10E-07	4.72E-10	1.47E-10	2.88E-18	7.66E-11	2.05E-13	1.46E-13	2.24E-12	1.40E-12	8.35E-12	1.32E-13	3.01E-12	4.12E-10	3.81E-11	4.91E-10
103	SG_103	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.100	1.55E-09	2.87E-09	1.22E-08	1.22E-10	8.16E-13	1.08E-07	4.81E-10	1.50E-10	2.94E-18	7.81E-11	2.09E-13	1.49E-13	2.29E-12	1.43E-12	8.52E-12	1.35E-13	3.07E-12	4.20E-10	3.89E-11	5.01E-10
104	SG_104	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.100	1.53E-09	2.87E-09	1.21E-08	1.18E-10	8.16E-13	1.04E-07	4.82E-10	1.50E-10	2.94E-18	7.81E-11	2.08E-13	1.48E-13	2.29E-12	1.43E-12	8.52E-12	1.35E-13	3.07E-12	4.20E-10	3.89E-11	5.01E-10
105	SG_105	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.100	1.54E-09	2.91E-09	1.19E-08	1.16E-10	8.31E-13	9.91E-08	4.90E-10	1.53E-10	2.99E-18	7.95E-11	2.12E-13	1.50E-13	2.33E-12	1.45E-12	8.68E-12	1.38E-13	3.13E-12	4.28E-10	3.96E-11	5.10E-10
106	SG_106	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.100	1.64E-09	3.08E-09	1.23E-08	1.21E-10	8.86E-13	9.97E-08	5.23E-10	1.63E-10	3.19E-18	8.49E-11	2.26E-13	1.60E-13	2.49E-12	1.55E-12	9.26E-12	1.47E-13	3.34E-12	4.57E-10	4.23E-11	5.44E-10
107	SG_107	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.100	1.75E-09	3.26E-09	1.29E-08	1.22E-10	9.44E-13	1.02E-07	5.58E-10	1.74E-10	3.41E-18	9.05E-11	2.40E-13	1.69E-13	2.65E-12	1.65E-12	9.88E-12	1.56E-13	3.57E-12	4.87E-10	4.51E-11	5.80E-10
108	SG_108	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.100	1.84E-09	3.40E-09	1.34E-08	1.23E-10	9.92E-13	1.03E-07	5.87E-10	1.83E-10	3.58E-18	9.51E-11	2.52E-13	1.77E-13	2.79E-12	1.74E-12	1.04E-11	1.64E-13	3.75E-12	5.12E-10	4.74E-11	6.10E-10
111	SG_111	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.100	2.71E-09	5.12E-09	2.07E-08	1.83E-10	1.46E-12	1.52E-07	8.67E-10	2.70E-10	5.29E-18	1.40E-10	3.72E-13	2.60E-13	4.11E-12	2.56E-12	1.53E-11	2.43E-13	5.54E-12	7.56E-10	7.00E-11	9.01E-10
112	SG_112	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.100	3.08E-09	5.86E-09	2.38E-08	2.11E-10	1.66E-12	1.73E-07	9.86E-10	3.08E-10	6.02E-18	1.60E-10	4.22E-13	2.95E-13	4.68E-12	2.91E-12	1.74E-11	2.76E-13	6.30E-12	8.60E-10	7.96E-11	1.03E-09
113	SG_113	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.100	3.40E-09	6.48E-09	2.66E-08	2.38E-10	1.83E-12	1.92E-07	1.08E-09	3.38E-10	6.62E-18	1.76E-10	4.64E-13	3.24E-13	5.15E-12	3.20E-12	1.92E-11	3.04E-13	6.93E-12	9.46E-10	8.76E-11	1.13E-09
114	SG_114	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.100	3.63E-09	6.90E-09	2.85E-08	2.62E-10	1.94E-12	2.02E-07	1.15E-09	3.59E-10	7.03E-18	1.87E-10	4.92E-13	3.43E-13	5.46E-12	3.40E-12	2.04E-11	3.22E-13	7.36E-12	1.00E-09	9.30E-11	1.20E-09
115	SG_115	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.100	4.01E-09	7.52E-09	3.14E-08	2.99E-10	2.11E-12	2.24E-07	1.25E-09	3.91E-10	7.65E-18	2.03E-10	5.35E-13	3.72E-13	5.95E-12	3.70E-12	2.22E-11	3.51E-13	8.01E-12	1.09E-09	1.01E-10	1.30E-09
116	SG_116	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.100	4.42E-09	7.89E-09	3.32E-08	3.29E-10	2.24E-12	2.40E-07	1.33E-09	4.15E-10	8.12E-18	2.16E-10	5.68E-13	3.95E-13	6.31E-12	3.92E-12	2.35E-11	3.72E-13	8.51E-12	1.16E-09	1.07E-10	1.38E-09
117	SG_117	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.100	4.97E-09	8.10E-09	3.43E-08	3.58E-10	2.37E-12	2.57E-07	1.40E-09	4.38E-10	8.56E-18	2.27E-10	5.99E-13	4.17E-13	6.66E-12	4.14E-12	2.48E-11	3.93E-13	8.97E-12	1.22E-09	1.13E-10	1.46E-09
118	SG_118	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.100	5.50E-09	8.41E-09	3.58E-08	3.86E-10	2.50E-12	2.71E-07	1.48E-09	4.63E-10	9.06E-18	2.41E-10	6.34E-13	4.41E-13	7.04E-12	4.38E-12	2.63E-11	4.16E-13	9.49E-12	1.30E-09	1.20E-10	1.54E-09
119	SG_119	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.100	6.47E-09	1.02E-08	4.43E-08	4.76E-10	2.99E-12	3.30E-07	1.77E-09	5.54E-10	1.08E-17	2.87E-10	7.58E-13	5.27E-13	8.42E-12	5.23E-12	3.14E-11	4.97E-13	1.13E-11	1.55E-09	1.43E-10	1.84E-09
120	SG_120	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.100	6.56E-09	1.13E-08	4.87E-08	5.19E-10	3.20E-12	3.26E-07	1.89E-09	5.91E-10	1.16E-17	3.07E-10	8.10E-13	5.64E-13	8.99E-12	5.59E-12	3.35E-11	5.30E-13	1.21E-11	1.65E-09	1.53E-10	1.97E-09
121	SG_121	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.100	6.81E-09	1.25E-08	5.40E-08	5.78E-10	3.46E-12	3.35E-07	2.05E-09	6.40E-10	1.25E-17	3.33E-10	8.78E-13	6.12E-13	9.74E-12	6.06E-12	3.63E-11	5.75E-13	1.31E-11	1.79E-09	1.66E-10	2.13E-09
122	SG_122	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.100	6.96E-09	1.32E-08	5.70E-08	6.22E-10	3.62E-12	3.36E-07	2.15E-09	6.69E-10	1.31E-17	3.48E-10	9.18E-13	6.40E-13	1.02E-11	6.33E-12	3.80E-11	6.01E-13	1.37E-11	1.87E-09	1.73E-10	2.23E-09
123	SG_123	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.100	7.38E-09	1.43E-08	6.17E-08	6.90E-10	3.88E-12	3.62E-07	2.30E-09	7.18E-10	1.40E-17	3.73E-10	9.85E-13	6.86E-13	1.09E-11	6.79E-12	4.07E-11	6.44E-13	1.47E-11	2.01E-09	1.86E-10	2.39E-09
124	SG_124	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.100	7.23E-09	1.41E-08	6.06E-08	7.04E-10	3.83E-12	3.51E-07	2.27E-09	7.07E-10	1.38E-17	3.67E-10	9.70E-13	6.76E-13	1.08E-11	6.69E-12	4.01E-11	6.35E-13	1.45E-11	1.98E-09	1.83E-10	2.36E-09
125	SG_125	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.300	2.21E-09	4.38E-09	1.89E-08	2.07E-10	1.20E-12	1.57E-07	7.07E-10	2.20E-10	4.31E-18	1.15E-10	3.07E-13	2.20E-13	3.36E-12	2.10E-12	1.25E-11	1.98E-13	4.51E-12	6.17E-10	5.71E-11	7.35E-10
126	SG_126	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.300	2.18E-09	4.28E-09	1.85E-08	2.03E-10	1.18E-12	1.57E-07	6.94E-10	2.16E-10	4.23E-18	1.13E-10	3.01E-13	2.16E-13	3.29E-12	2.06E-12	1.23E-11	1.95E-13	4.43E-12	6.05E-10	5.60E-11	7.21E-10
127	SG_127	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.300	2.13E-09	4.10E-09	1.77E-08	1.95E-10	1.13E-12	1.56E-07	6.68E-10	2.08E-10	4.08E-18	1.08E-10	2.90E-13	2.08E-13	3.17E-12	1.98E-12	1.18E-11	1.88E-13	4.26E-12	5.83E-10	5.39E-11	6.95E-10
128	SG_128	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.300	2.09E-09	3.88E-09	1.67E-08	1.87E-10	1.09E-12	1.57E-07	6.41E-10	2.00E-10	3.91E-18	1.04E-10	2.78E-13	1.99E-13	3.04E-12	1.90E-12	1.13E-11	1.80E-13	4.09E-12	5.59E-10	5.17E-11	6.66E-10
129	SG_129	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.300	2.12E-09	3.68E-09	1.59E-08	1.83E-10	1.06E-12	1.64E-07	6.22E-10	1.94E-10	3.80E-18	1.01E-10	2.70E-13	1.94E-13	2.95E-12	1.85E-12	1.10E-11	1.75E-13	3.97E-12	5.43E-10	5.02E-11	6.47E-10
130	SG_130	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.300	2.14E-09	3.39E-09	1.46E-08	1.75E-10	1.01E-12	1.66E-07	5.93E-10	1.85E-10	3.62E-18	9.63E-11	2.58E-13	1.85E-13	2.82E-12	1.76E-12	1.05E-11	1.67E-13	3.79E-12	5.18E-10	4.79E-11	6.17E-10
131	SG_131	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.300	2.04E-09	3.09E-09	1.32E-08	1.60E-10	9.37E-13	1.53E-07	5.52E-10	1.72E-10	3.37E-18	8.96E-11	2.40E-13	1.71E-13	2.62E-12	1.64E-12	9.77E-12	1.55E-13	3.52E-12	4.82E-10	4.46E-11	5.74E-10
132	SG_132	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.300	1.89E-09	3.06E-09	1.30E-08	1.49E-10	9.08E-13	1.41E-07	5.35E-10	1.67E-10	3.27E-18	8.69E-11	2.32E-13	1.66E-13	2.54E-12	1.59E-12	9.48E-12	1.50E-13	3.42E-12	4.67E-10	4.32E-11	5.57E-10
133	SG_133	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.300	1.71E-09	3.04E-09	1.28E-08	1.38E-10	8.77E-13	1.25E-07	5.17E-10	1.61E-10	3.16E-18	8.39E-11	2.24E-13	1.60E-13	2.46E-12	1.53E-12	9.15E-12	1.45E-13	3.30E-12	4.51E-10	4.17E-11	5.38E-10
134	SG_134	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.300	1.70E-09	3.16E-09	1.33E-08	1.37E-10	8.98E-13	1.25E-07	5.29E-10	1.65E-10	3.23E-18	8.59E-11	2.29E-13	1.64E-13	2.51E-12	1.57E-12	9.37E-12	1.49E-13	3.38E-12	4.62E-10	4.27E-11	5.50E-10
135	SG_135	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.300	1.66E-09	3.14E-09	1.32E-08	1.31E-10	8.91E-13	1.20E-07	5.25E-10	1.64E-10	3.21E-18	8.52E-11	2.27E-13	1.62E-13	2.50E-12	1.56E-12	9.30E-12	1.47E-13	3.35E-12	4.58E-10	4.24E-11	5.46E-10
136	SG_136	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.300	1.66E-09	3.12E-09	1.28E-08	1.26E-10	8.92E-13	1.12E-07	5.26E-10	1.64E-10	3.21E-18	8.54E-11	2.27E-13	1.62E-13	2.50E-12	1.56E-12	9.31E-12	1.48E-13	3.36E-12	4.59E-10	4.25E-11	5.47E-10
137	SG_137	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.300	1.79E-09	3.36E-09	1.35E-08	1.33E-10	9.65E-13	1.15E-07	5.70E-10	1.78E-10	3.48E-18	9.24E-11	2.46E-13	1.74E-13	2.71E-12	1.69E-12	1.01E-11	1.60E-13	3.64E-12	4.97E-10	4.60E-11	5.93E-10
138	SG_138	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.300	1.91E-09	3.56E-09	1.41E-08	1.34E-10	1.03E-12	1.16E-07	6.10E-10	1.90E-10	3.72E-18	9.89E-11	2.63E-13	1.85E-13	2.90E-12	1.80E-12	1.08E-11	1.71E-13	3.90E-12	5.32E-10	4.92E-11	6.34E-10
139	SG_139	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.300	2.02E-09	3.74E-09	1.47E-08	1.35E-10	1.09E-12	1.16E-07	6.45E-10	2.01E-10	3.94E-18	1.05E-10	2.77E-13	1.95E-13	3.06E-12	1.91E-12	1.14E-11	1.81E-13	4.12E-12	5.63E-10	5.21E-11	6.71E-10
142	SG_142	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.300	3.08E-09	5.80E-09	2.33E-08	2.08E-10	1.66E-12	1.76E-07	9.81E-10	3.06E-10	5.99E-18	1.59E-10	4.21E-13	2.95E-13	4.66E-12	2.90E-12	1.74E-11	2.75E-13	6.27E-12	8.57E-10	7.93E-11	1.02E-09
143	SG_143	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.300	3.53E-09	6.68E-09	2.72E-08	2.43E-10	1.90E-12	2.04E-07	1.12E-09	3.51E-10	6.86E-18	1.82E-10	4.81E-13	3.36E-13	5.33E-12	3.32E-12	1.99E-11	3.15E-13	7.18E-12	9.80E-10	9.07E-11	1.17E-09
144	SG_144	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.300	3.93E-09	7.43E-09	3.06E-08	2.79E-10	2.10E-12	2.29E-07	1.24E-09	3.88E-10	7.59E-18	2.02E-10	5.32E-13	3.70E-13	5.90E-12	3.67E-12	2.20E-11	3.48E-13	7.95E-12	1.09E-09	1.00E-10	1.29E-09
145	SG_145	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.300	4.21E-09	7.89E-09	3.27E-08	3.08E-10	2.23E-12	2.41E-07	1.32E-09	4.12E-10	8.05E-18	2.14E-10	5.64E-13	3.92E-13	6.26E-12	3.89E-12	2.33E-11	3.69E-13	8.43E-12	1.15E-09	1.07E-10	1.37E-09
146	SG_146	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.300	4.67E-09	8.55E-09	3.57E-08	3.50E-10	2.42E-12	2.65E-07	1.43E-09	4.47E-10	8.75E-18	2.32E-10	6.12E-13	4.25E-13	6.80E-12	4.23E-12	2.54E-11	4.01E-13	9.16E-12	1.25E-09	1.16E-10	1.49E-09
147	SG_147	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.300	5.28E-09	9.14E-09	3.85E-08	3.95E-10	2.62E-12	2.91E-07	1.55E-09	4.85E-10	9.48E-18	2.52E-10	6.63E-13	4.61E-13	7.37E-12	4.58E-12	2.75E-11	4.35E-13	9.93E-12	1.36E-09	1.25E-10	1.62E-09
148	SG_148	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.300	6.37E-09	1.04E-08	4.43E-08	4.72E-10	3.01E-12	3.52E-07	1.79E-09	5.58E-10	1.09E-17	2.89E-10	7.63E-13	5.31E-13	8.48E-12	5.27E-12	3.16E-11	5.00E-13	1.14E-11	1.56E-09	1.44E-10	1.86E-09
149	SG_149	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.300	6.50E-09	1.04E-08	4.42E-08	4.82E-10	3.03E-12	3.34E-07	1.80E-09	5.61E-10	1.10E-17	2.91E-10	7.68E-13	5.35E-13	8.53E-12	5.30E-12	3.18E-11	5.03E-13	1.15E-11	1.57E-09	1.45E-10	1.87E-09
150	SG_150	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.300	7.28E-09	1.24E-08	5.31E-08	5.79E-10	3.52E-12	3.81E-07	2.09E-09	6.51E-10	1.27E-17	3.38E-10	8.92E-13	6.21E-13	9.90E-12	6.16E-12	3.69E-11	5.84E-13	1.33E-11	1.82E-09	1.69E-10	2.17E-09
151	SG_151	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.300	7.19E-09	1.32E-08	5.61E-08	6.23E-10	3.66E-12	3.66E-07	2.17E-09	6.77E-10	1.32E-17	3.52E-10	9.28E-13	6.47E-13	1.03E-11	6.40E-12	3.84E-11	6.08E-13	1.39E-11	1.89E-09	1.75E-10	2.26E-09
152	SG_152	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.300	7.40E-09	1.42E-08	6.04E-08	6.85E-10	3.89E-12	3.74E-07	2.30E-09	7.19E-10	1.41E-17	3.73E-10	9.86E-13	6.87E-13	1.09E-11	6.80E-12	4.08E-11	6.45E-13	1.47E-11	2.01E-09	1.86E-10	2.40E-09
153	SG_153	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.300	7.48E-09	1.47E-08	6.22E-08	7.27E-10	3.99E-12	3.75E-07	2.36E-09	7.37E-10	1.44E-17	3.83E-10	1.01E-12	7.05E-13	1.12E-11	6.97E-12	4.18E-11	6.61E-13	1.51E-11	2.06E-09	1.91E-10	2.46E-09
154	SG_154	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.300	7.49E-09	1.48E-08	6.27E-08	7.58E-10	4.01E-12	3.73E-07	2.38E-09	7.42E-10	1.45E-17	3.85E-10	1.02E-12	7.10E-13	1.13E-11	7.02E-12	4.21E-11	6.66E-13	1.52E-11	2.08E-09	1.92E-10	2.47E-09
155	SG_155	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.300	7.37E-09	1.46E-08	6.19E-08	7.74E-10	3.96E-12	3.66E-07	2.35E-09	7.32E-10	1.43E-17	3.80E-10	1.00E-12	7.00E-13	1.11E-11	6.92E-12	4.15E-11	6.57E-13	1.50E-11	2.05E-09	1.89E-10	2.44E-09
156	SG_156	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.500	2.43E-09	4.81E-09	2.06E-08	2.31E-10	1.32E-12	1.73E-07	7.76E-10	2.42E-10	4.73E-18	1.26E-10	3.37E-13	2.41E-13	3.68E-12	2.30E-12	1.37E-11	2.18E-13	4.95E-12	6.77E-10	6.26E-11	8.07E-10
157	SG_157	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.500	2.45E-09	4.79E-09	2.04E-08	2.32E-10	1.32E-12	1.77E-07	7.76E-10	2.42E-10	4.74E-18	1.26E-10	3.37E-13	2.42E-13	3.69E-12	2.30E-12	1.37E-11	2.18E-13	4.95E-12	6.77E-10	6.26E-11	8.07E-10
158	SG_158	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.500	2.53E-09	4.81E-09	2.06E-08	2.36E-10	1.33E-12	1.91E-07	7.85E-10	2.45E-10	4.79E-18	1.27E-10	3.41E-13	2.45E-13	3.73E-12	2.33E-12	1.39E-11	2.21E-13	5.01E-12	6.85E-10	6.34E-11	8.17E-10
159	SG_159	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.500	2.49E-09	4.52E-09	1.94E-08	2.25E-10	1.27E-12	1.91E-07	7.50E-10	2.34E-10	4.58E-18	1.22E-10	3.26E-13	2.34E-13	3.56E-12	2.23E-12	1.33E-11	2.11E-13	4.79E-12	6.55E-10	6.05E-11	7.80E-10
160	SG_160	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.500	2.48E-09	4.27E-09	1.84E-08	2.16E-10	1.23E-12	1.96E-07	7.22E-10	2.25E-10	4.41E-18	1.17E-10	3.14E-13	2.25E-13	3.43E-12	2.14E-12	1.28E-11	2.03E-13	4.61E-12	6.30E-10	5.83E-11	7.51E-10
161	SG_161	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.500	2.39E-09	3.90E-09	1.68E-08	1.99E-10	1.14E-12	1.89E-07	6.74E-10	2.10E-10	4.12E-18	1.09E-10	2.93E-13	2.10E-13	3.20E-12	2.00E-12	1.19E-11	1.89E-13	4.30E-12	5.89E-10	5.44E-11	7.01E-10
162	SG_162	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.500	2.31E-09	3.71E-09	1.59E-08	1.88E-10	1.10E-12	1.84E-07	6.47E-10	2.02E-10	3.95E-18	1.05E-10	2.81E-13	2.01E-13	3.07E-12	1.92E-12	1.14E-11	1.82E-13	4.13E-12	5.64E-10	5.22E-11	6.73E-10
163	SG_163	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.500	2.15E-09	3.65E-09	1.56E-08	1.76E-10	1.06E-12	1.71E-07	6.27E-10	1.96E-10	3.83E-18	1.02E-10	2.72E-13	1.95E-13	2.98E-12	1.86E-12	1.11E-11	1.76E-13	4.00E-12	5.47E-10	5.06E-11	6.52E-10
164	SG_164	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.500	1.97E-09	3.56E-09	1.50E-08	1.63E-10	1.02E-12	1.53E-07	6.01E-10	1.87E-10	3.67E-18	9.74E-11	2.60E-13	1.86E-13	2.85E-12	1.78E-12	1.06E-11	1.69E-13	3.83E-12	5.24E-10	4.85E-11	6.25E-10
165	SG_165	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.500	1.90E-09	3.54E-09	1.49E-08	1.56E-10	1.01E-12	1.46E-07	5.93E-10	1.85E-10	3.62E-18	9.62E-11	2.57E-13	1.84E-13	2.82E-12	1.76E-12	1.05E-11	1.66E-13	3.79E-12	5.17E-10	4.79E-11	6.17E-10
166	SG_166	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.500	1.86E-09	3.51E-09	1.47E-08	1.49E-10	9.96E-13	1.41E-07	5.87E-10	1.83E-10	3.58E-18	9.52E-11	2.54E-13	1.81E-13	2.79E-12	1.74E-12	1.04E-11	1.65E-13	3.75E-12	5.12E-10	4.74E-11	6.11E-10
167	SG_167	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.500	1.84E-09	3.47E-09	1.43E-08	1.43E-10	9.89E-13	1.33E-07	5.83E-10	1.82E-10	3.56E-18	9.46E-11	2.52E-13	1.79E-13	2.77E-12	1.73E-12	1.03E-11	1.64E-13	3.73E-12	5.09E-10	4.71E-11	6.07E-10
168	SG_168	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.500	1.96E-09	3.67E-09	1.48E-08	1.47E-10	1.05E-12	1.33E-07	6.22E-10	1.94E-10	3.80E-18	1.01E-10	2.68E-13	1.90E-13	2.95E-12	1.84E-12	1.10E-11	1.74E-13	3.97E-12	5.43E-10	5.02E-11	6.47E-10
169	SG_169	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.500	2.09E-09	3.88E-09	1.53E-08	1.48E-10	1.12E-12	1.31E-07	6.64E-10	2.07E-10	4.05E-18	1.08E-10	2.86E-13	2.02E-13	3.15E-12	1.96E-12	1.18E-11	1.86E-13	4.24E-12	5.80E-10	5.36E-11	6.91E-10
170	SG_170	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.500	2.25E-09	4.16E-09	1.63E-08	1.52E-10	1.21E-12	1.35E-07	7.18E-10	2.24E-10	4.38E-18	1.16E-10	3.08E-13	2.17E-13	3.41E-12	2.12E-12	1.27E-11	2.01E-13	4.59E-12	6.26E-10	5.79E-11	7.46E-10
173	SG_173	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.500	3.52E-09	6.56E-09	2.64E-08	2.39E-10	1.88E-12	2.07E-07	1.11E-09	3.47E-10	6.80E-18	1.80E-10	4.77E-13	3.34E-13	5.28E-12	3.29E-12	1.97E-11	3.12E-13	7.12E-12	9.72E-10	8.99E-11	1.16E-09
174	SG_174	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.500	4.00E-09	7.42E-09	3.01E-08	2.77E-10	2.12E-12	2.36E-07	1.25E-09	3.92E-10	7.66E-18	2.03E-10	5.37E-13	3.75E-13	5.95E-12	3.70E-12	2.22E-11	3.51E-13	8.02E-12	1.09E-09	1.01E-10	1.30E-09
175	SG_175	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.500	4.45E-09	8.16E-09	3.35E-08	3.18E-10	2.32E-12	2.63E-07	1.38E-09	4.30E-10	8.41E-18	2.23E-10	5.89E-13	4.10E-13	6.53E-12	4.06E-12	2.44E-11	3.85E-13	8.81E-12	1.20E-09	1.11E-10	1.43E-09
176	SG_176	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.500	4.84E-09	8.61E-09	3.55E-08	3.53E-10	2.47E-12	2.79E-07	1.46E-09	4.56E-10	8.93E-18	2.37E-10	6.25E-13	4.34E-13	6.94E-12	4.31E-12	2.59E-11	4.09E-13	9.35E-12	1.28E-09	1.18E-10	1.52E-09
177	SG_177	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.500	5.61E-09	9.47E-09	3.95E-08	4.13E-10	2.75E-12	3.19E-07	1.63E-09	5.08E-10	9.94E-18	2.64E-10	6.95E-13	4.83E-13	7.72E-12	4.80E-12	2.88E-11	4.56E-13	1.04E-11	1.42E-09	1.31E-10	1.69E-09
178	SG_178	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.500	7.01E-09	1.11E-08	4.74E-08	5.17E-10	3.27E-12	4.05E-07	1.94E-09	6.05E-10	1.18E-17	3.14E-10	8.29E-13	5.76E-13	9.21E-12	5.72E-12	3.43E-11	5.43E-13	1.24E-11	1.69E-09	1.57E-10	2.02E-09
179	SG_179	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.500	8.14E-09	1.27E-08	5.46E-08	6.07E-10	3.73E-12	4.69E-07	2.21E-09	6.90E-10	1.35E-17	3.58E-10	9.45E-13	6.58E-13	1.05E-11	6.53E-12	3.92E-11	6.19E-13	1.41E-11	1.93E-09	1.79E-10	2.30E-09
180	SG_180	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.500	7.78E-09	1.28E-08	5.47E-08	6.14E-10	3.70E-12	4.20E-07	2.19E-09	6.85E-10	1.34E-17	3.55E-10	9.38E-13	6.53E-13	1.04E-11	6.47E-12	3.88E-11	6.14E-13	1.40E-11	1.91E-09	1.77E-10	2.28E-09
181	SG_181	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.500	8.26E-09	1.48E-08	6.31E-08	7.16E-10	4.15E-12	4.48E-07	2.46E-09	7.67E-10	1.50E-17	3.98E-10	1.05E-12	7.33E-13	1.17E-11	7.25E-12	4.35E-11	6.88E-13	1.57E-11	2.14E-09	1.99E-10	2.56E-09
182	SG_182	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.500	8.16E-09	1.56E-08	6.56E-08	7.68E-10	4.27E-12	4.31E-07	2.53E-09	7.90E-10	1.55E-17	4.10E-10	1.08E-12	7.55E-13	1.20E-11	7.47E-12	4.48E-11	7.09E-13	1.62E-11	2.21E-09	2.04E-10	2.63E-09

AQIA DATA - SCENARIO 1 RECREATIONAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.69E-08**	**4.89E-08**	**2.00E-07**	**4.15E-09**	**1.45E-11**	**2.06E-06**	**8.56E-09**	**2.67E-09**	**5.23E-17**	**1.39E-09**	**3.68E-12**	**2.59E-12**	**4.07E-11**	**2.53E-11**	**1.52E-10**	**2.40E-12**	**5.47E-11**	**7.47E-09**	**6.92E-10**	**8.91E-09**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**SG_725**	**SG_725**	**SG_725**	**NG_783**	**SG_725**	**NG_783**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**378.900**	**378.900**	**378.900**	**378.814**	**378.900**	**378.814**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**
						Y	**6369.100**	**6369.100**	**6369.100**	**6367.557**	**6369.100**	**6367.557**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**
183	SG_183	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.500	8.43E-09	1.66E-08	6.98E-08	8.39E-10	4.50E-12	4.45E-07	2.67E-09	8.32E-10	1.63E-17	4.32E-10	1.14E-12	7.96E-13	1.27E-11	7.87E-12	4.72E-11	7.47E-13	1.70E-11	2.33E-09	2.15E-10	2.77E-09
184	SG_184	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.500	8.38E-09	1.67E-08	7.01E-08	8.70E-10	4.51E-12	4.39E-07	2.67E-09	8.34E-10	1.63E-17	4.33E-10	1.14E-12	7.97E-13	1.27E-11	7.88E-12	4.73E-11	7.48E-13	1.71E-11	2.33E-09	2.16E-10	2.78E-09
185	SG_185	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.500	8.15E-09	1.63E-08	6.82E-08	8.78E-10	4.40E-12	4.22E-07	2.60E-09	8.13E-10	1.59E-17	4.22E-10	1.11E-12	7.77E-13	1.24E-11	7.69E-12	4.61E-11	7.29E-13	1.66E-11	2.27E-09	2.10E-10	2.71E-09
186	SG_186	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.500	7.92E-09	1.58E-08	6.63E-08	8.81E-10	4.27E-12	4.08E-07	2.53E-09	7.90E-10	1.55E-17	4.10E-10	1.08E-12	7.56E-13	1.20E-11	7.47E-12	4.48E-11	7.09E-13	1.62E-11	2.21E-09	2.05E-10	2.63E-09
187	SG_187	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.700	2.67E-09	5.28E-09	2.25E-08	2.60E-10	1.44E-12	1.96E-07	8.51E-10	2.65E-10	5.19E-18	1.38E-10	3.69E-13	2.65E-13	4.04E-12	2.52E-12	1.51E-11	2.39E-13	5.43E-12	7.42E-10	6.87E-11	8.85E-10
188	SG_188	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.700	2.82E-09	5.49E-09	2.33E-08	2.75E-10	1.51E-12	2.12E-07	8.88E-10	2.77E-10	5.42E-18	1.44E-10	3.86E-13	2.76E-13	4.22E-12	2.64E-12	1.57E-11	2.49E-13	5.67E-12	7.75E-10	7.17E-11	9.24E-10
189	SG_189	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.700	2.95E-09	5.50E-09	2.33E-08	2.84E-10	1.53E-12	2.24E-07	9.02E-10	2.81E-10	5.50E-18	1.46E-10	3.92E-13	2.81E-13	4.28E-12	2.68E-12	1.60E-11	2.53E-13	5.75E-12	7.87E-10	7.28E-11	9.38E-10
191	SG_191	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.700	3.04E-09	5.02E-09	2.15E-08	2.68E-10	1.46E-12	2.42E-07	8.59E-10	2.68E-10	5.24E-18	1.39E-10	3.73E-13	2.67E-13	4.08E-12	2.55E-12	1.52E-11	2.41E-13	5.48E-12	7.49E-10	6.93E-11	8.93E-10
192	SG_192	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.700	2.79E-09	4.67E-09	2.01E-08	2.40E-10	1.35E-12	2.29E-07	7.98E-10	2.49E-10	4.87E-18	1.29E-10	3.46E-13	2.48E-13	3.79E-12	2.37E-12	1.41E-11	2.24E-13	5.09E-12	6.96E-10	6.44E-11	8.30E-10
193	SG_193	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.700	2.60E-09	4.45E-09	1.91E-08	2.21E-10	1.28E-12	2.16E-07	7.56E-10	2.36E-10	4.62E-18	1.23E-10	3.28E-13	2.35E-13	3.59E-12	2.24E-12	1.34E-11	2.12E-13	4.83E-12	6.60E-10	6.11E-11	7.87E-10
194	SG_194	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.700	2.48E-09	4.39E-09	1.87E-08	2.09E-10	1.26E-12	2.07E-07	7.41E-10	2.31E-10	4.52E-18	1.20E-10	3.22E-13	2.30E-13	3.52E-12	2.20E-12	1.31E-11	2.08E-13	4.73E-12	6.47E-10	5.98E-11	7.70E-10
195	SG_195	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.700	2.36E-09	4.31E-09	1.82E-08	1.99E-10	1.23E-12	1.95E-07	7.23E-10	2.26E-10	4.41E-18	1.17E-10	3.14E-13	2.24E-13	3.43E-12	2.14E-12	1.28E-11	2.03E-13	4.62E-12	6.31E-10	5.84E-11	7.52E-10
196	SG_196	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.700	2.23E-09	4.14E-09	1.73E-08	1.86E-10	1.18E-12	1.81E-07	6.93E-10	2.16E-10	4.23E-18	1.12E-10	3.01E-13	2.15E-13	3.29E-12	2.06E-12	1.23E-11	1.95E-13	4.43E-12	6.05E-10	5.60E-11	7.21E-10
197	SG_197	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.700	2.14E-09	3.99E-09	1.65E-08	1.74E-10	1.13E-12	1.69E-07	6.69E-10	2.09E-10	4.08E-18	1.08E-10	2.90E-13	2.07E-13	3.18E-12	1.98E-12	1.18E-11	1.88E-13	4.27E-12	5.83E-10	5.40E-11	6.95E-10
198	SG_198	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.700	2.10E-09	3.92E-09	1.62E-08	1.65E-10	1.12E-12	1.61E-07	6.61E-10	2.06E-10	4.03E-18	1.07E-10	2.86E-13	2.03E-13	3.14E-12	1.96E-12	1.17E-11	1.85E-13	4.22E-12	5.77E-10	5.33E-11	6.87E-10
199	SG_199	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.700	2.19E-09	4.09E-09	1.65E-08	1.66E-10	1.17E-12	1.60E-07	6.92E-10	2.16E-10	4.22E-18	1.12E-10	2.99E-13	2.12E-13	3.29E-12	2.05E-12	1.22E-11	1.94E-13	4.42E-12	6.04E-10	5.59E-11	7.20E-10
200	SG_200	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.700	2.33E-09	4.30E-09	1.70E-08	1.67E-10	1.25E-12	1.55E-07	7.36E-10	2.30E-10	4.49E-18	1.19E-10	3.17E-13	2.24E-13	3.49E-12	2.18E-12	1.30E-11	2.06E-13	4.70E-12	6.42E-10	5.94E-11	7.65E-10
201	SG_201	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.700	2.51E-09	4.60E-09	1.80E-08	1.70E-10	1.34E-12	1.57E-07	7.94E-10	2.48E-10	4.85E-18	1.29E-10	3.42E-13	2.40E-13	3.77E-12	2.35E-12	1.41E-11	2.23E-13	5.08E-12	6.93E-10	6.42E-11	8.26E-10
204	SG_204	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.700	4.05E-09	7.28E-09	2.93E-08	2.75E-10	2.11E-12	2.49E-07	1.25E-09	3.89E-10	7.61E-18	2.02E-10	5.34E-13	3.73E-13	5.92E-12	3.68E-12	2.21E-11	3.49E-13	7.97E-12	1.09E-09	1.01E-10	1.30E-09
205	SG_205	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.700	4.59E-09	8.05E-09	3.27E-08	3.17E-10	2.33E-12	2.82E-07	1.38E-09	4.32E-10	8.44E-18	2.24E-10	5.92E-13	4.13E-13	6.56E-12	4.08E-12	2.45E-11	3.87E-13	8.84E-12	1.21E-09	1.12E-10	1.44E-09
206	SG_206	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.700	5.35E-09	8.89E-09	3.66E-08	3.75E-10	2.61E-12	3.26E-07	1.54E-09	4.82E-10	9.43E-18	2.50E-10	6.60E-13	4.59E-13	7.33E-12	4.56E-12	2.73E-11	4.32E-13	9.88E-12	1.35E-09	1.25E-10	1.61E-09
207	SG_207	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.700	6.14E-09	9.45E-09	3.92E-08	4.32E-10	2.83E-12	3.62E-07	1.68E-09	5.24E-10	1.03E-17	2.72E-10	7.18E-13	4.99E-13	7.97E-12	4.96E-12	2.97E-11	4.70E-13	1.07E-11	1.47E-09	1.36E-10	1.75E-09
208	SG_208	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.700	7.37E-09	1.05E-08	4.41E-08	5.18E-10	3.22E-12	4.25E-07	1.91E-09	5.97E-10	1.17E-17	3.10E-10	8.17E-13	5.68E-13	9.07E-12	5.64E-12	3.38E-11	5.35E-13	1.22E-11	1.67E-09	1.54E-10	1.99E-09
209	SG_209	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.700	9.19E-09	1.26E-08	5.39E-08	6.53E-10	3.90E-12	5.39E-07	2.31E-09	7.21E-10	1.41E-17	3.75E-10	9.88E-13	6.87E-13	1.10E-11	6.82E-12	4.09E-11	6.47E-13	1.48E-11	2.02E-09	1.87E-10	2.40E-09
210	SG_210	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.700	8.97E-09	1.32E-08	5.62E-08	6.79E-10	3.98E-12	4.99E-07	2.36E-09	7.36E-10	1.44E-17	3.82E-10	1.01E-12	7.02E-13	1.12E-11	6.96E-12	4.17E-11	6.60E-13	1.51E-11	2.06E-09	1.90E-10	2.45E-09
211	SG_211	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.700	9.26E-09	1.56E-08	6.61E-08	7.89E-10	4.46E-12	5.23E-07	2.64E-09	8.25E-10	1.61E-17	4.29E-10	1.13E-12	7.89E-13	1.26E-11	7.81E-12	4.68E-11	7.41E-13	1.69E-11	2.31E-09	2.14E-10	2.75E-09
212	SG_212	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.700	9.31E-09	1.73E-08	7.29E-08	8.83E-10	4.79E-12	5.20E-07	2.84E-09	8.86E-10	1.73E-17	4.60E-10	1.22E-12	8.48E-13	1.35E-11	8.38E-12	5.03E-11	7.95E-13	1.82E-11	2.48E-09	2.29E-10	2.95E-09
213	SG_213	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.700	9.37E-09	1.83E-08	7.65E-08	9.53E-10	4.98E-12	5.16E-07	2.95E-09	9.21E-10	1.80E-17	4.78E-10	1.26E-12	8.81E-13	1.40E-11	8.71E-12	5.22E-11	8.26E-13	1.89E-11	2.58E-09	2.38E-10	3.07E-09
214	SG_214	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.700	9.53E-09	1.89E-08	7.92E-08	1.01E-09	5.13E-12	5.24E-07	3.04E-09	9.48E-10	1.85E-17	4.92E-10	1.30E-12	9.07E-13	1.44E-11	8.97E-12	5.38E-11	8.51E-13	1.94E-11	2.65E-09	2.45E-10	3.16E-09
215	SG_215	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.700	9.31E-09	1.86E-08	7.78E-08	1.03E-09	5.03E-12	5.08E-07	2.98E-09	9.30E-10	1.82E-17	4.83E-10	1.28E-12	8.89E-13	1.41E-11	8.80E-12	5.28E-11	8.35E-13	1.91E-11	2.60E-09	2.41E-10	3.10E-09
216	SG_216	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.700	8.99E-09	1.80E-08	7.52E-08	1.02E-09	4.86E-12	4.87E-07	2.88E-09	8.98E-10	1.76E-17	4.67E-10	1.23E-12	8.59E-13	1.37E-11	8.50E-12	5.10E-11	8.06E-13	1.84E-11	2.51E-09	2.33E-10	2.99E-09
217	SG_217	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.700	8.62E-09	1.73E-08	7.21E-08	1.01E-09	4.66E-12	4.63E-07	2.76E-09	8.62E-10	1.69E-17	4.47E-10	1.18E-12	8.24E-13	1.31E-11	8.15E-12	4.89E-11	7.73E-13	1.77E-11	2.41E-09	2.23E-10	2.87E-09
221	SG_221	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.900	3.50E-09	5.98E-09	2.47E-08	3.47E-10	1.71E-12	2.69E-07	1.01E-09	3.14E-10	6.15E-18	1.64E-10	4.38E-13	3.14E-13	4.79E-12	2.99E-12	1.78E-11	2.83E-13	6.43E-12	8.80E-10	8.14E-11	1.05E-09
222	SG_222	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.900	3.66E-09	5.95E-09	2.50E-08	3.39E-10	1.73E-12	2.96E-07	1.02E-09	3.18E-10	6.22E-18	1.65E-10	4.43E-13	3.18E-13	4.84E-12	3.03E-12	1.80E-11	2.86E-13	6.51E-12	8.90E-10	8.23E-11	1.06E-09
223	SG_223	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.900	3.32E-09	5.50E-09	2.34E-08	2.93E-10	1.59E-12	2.75E-07	9.39E-10	2.93E-10	5.73E-18	1.52E-10	4.08E-13	2.92E-13	4.46E-12	2.79E-12	1.66E-11	2.64E-13	5.99E-12	8.20E-10	7.58E-11	9.77E-10
224	SG_224	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.900	3.20E-09	5.45E-09	2.35E-08	2.75E-10	1.57E-12	2.78E-07	9.23E-10	2.88E-10	5.63E-18	1.50E-10	4.01E-13	2.87E-13	4.38E-12	2.74E-12	1.63E-11	2.59E-13	5.89E-12	8.06E-10	7.45E-11	9.60E-10
225	SG_225	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.900	3.04E-09	5.27E-09	2.25E-08	2.56E-10	1.51E-12	2.61E-07	8.91E-10	2.78E-10	5.44E-18	1.45E-10	3.87E-13	2.77E-13	4.23E-12	2.64E-12	1.58E-11	2.50E-13	5.69E-12	7.78E-10	7.19E-11	9.27E-10
226	SG_226	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.900	2.90E-09	5.11E-09	2.16E-08	2.42E-10	1.47E-12	2.47E-07	8.65E-10	2.70E-10	5.28E-18	1.40E-10	3.75E-13	2.68E-13	4.11E-12	2.56E-12	1.53E-11	2.43E-13	5.52E-12	7.54E-10	6.98E-11	8.99E-10
227	SG_227	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.900	2.74E-09	4.87E-09	2.04E-08	2.26E-10	1.40E-12	2.31E-07	8.25E-10	2.57E-10	5.04E-18	1.34E-10	3.58E-13	2.56E-13	3.92E-12	2.45E-12	1.46E-11	2.32E-13	5.27E-12	7.20E-10	6.66E-11	8.58E-10
228	SG_228	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.900	2.59E-09	4.63E-09	1.92E-08	2.09E-10	1.33E-12	2.15E-07	7.86E-10	2.45E-10	4.80E-18	1.27E-10	3.41E-13	2.43E-13	3.73E-12	2.33E-12	1.39E-11	2.21E-13	5.02E-12	6.86E-10	6.34E-11	8.17E-10
229	SG_229	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.900	2.49E-09	4.48E-09	1.84E-08	1.95E-10	1.29E-12	2.01E-07	7.61E-10	2.38E-10	4.65E-18	1.24E-10	3.29E-13	2.35E-13	3.62E-12	2.26E-12	1.35E-11	2.14E-13	4.86E-12	6.64E-10	6.15E-11	7.92E-10
230	SG_230	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.900	2.49E-09	4.50E-09	1.82E-08	1.88E-10	1.30E-12	1.91E-07	7.67E-10	2.39E-10	4.68E-18	1.24E-10	3.31E-13	2.35E-13	3.64E-12	2.27E-12	1.36E-11	2.15E-13	4.90E-12	6.70E-10	6.19E-11	7.98E-10
231	SG_231	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.900	2.58E-09	4.66E-09	1.83E-08	1.86E-10	1.36E-12	1.81E-07	8.02E-10	2.50E-10	4.90E-18	1.30E-10	3.46E-13	2.44E-13	3.81E-12	2.37E-12	1.42E-11	2.25E-13	5.12E-12	7.00E-10	6.48E-11	8.34E-10
232	SG_232	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.900	2.81E-09	5.02E-09	1.96E-08	1.92E-10	1.47E-12	1.86E-07	8.71E-10	2.72E-10	5.32E-18	1.41E-10	3.74E-13	2.63E-13	4.13E-12	2.57E-12	1.54E-11	2.44E-13	5.57E-12	7.60E-10	7.03E-11	9.06E-10
233	SG_233	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6365.900	3.25E-09	5.69E-09	2.25E-08	2.18E-10	1.68E-12	2.13E-07	9.92E-10	3.10E-10	6.06E-18	1.61E-10	4.26E-13	2.99E-13	4.71E-12	2.93E-12	1.76E-11	2.78E-13	6.34E-12	8.66E-10	8.01E-11	1.03E-09
236	SG_236	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.900	5.49E-09	8.23E-09	3.35E-08	3.66E-10	2.51E-12	3.52E-07	1.49E-09	4.65E-10	9.09E-18	2.41E-10	6.37E-13	4.44E-13	7.07E-12	4.40E-12	2.64E-11	4.17E-13	9.53E-12	1.30E-09	1.20E-10	1.55E-09
237	SG_237	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.900	6.64E-09	8.83E-09	3.63E-08	4.38E-10	2.81E-12	4.06E-07	1.66E-09	5.19E-10	1.02E-17	2.70E-10	7.11E-13	4.94E-13	7.89E-12	4.91E-12	2.94E-11	4.66E-13	1.06E-11	1.45E-09	1.34E-10	1.73E-09
238	SG_238	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.900	8.06E-09	9.70E-09	4.03E-08	5.39E-10	3.20E-12	4.72E-07	1.89E-09	5.91E-10	1.16E-17	3.07E-10	8.09E-13	5.63E-13	8.99E-12	5.59E-12	3.35E-11	5.30E-13	1.21E-11	1.65E-09	1.53E-10	1.97E-09
239	SG_239	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.900	9.54E-09	1.14E-08	4.80E-08	6.69E-10	3.75E-12	5.57E-07	2.22E-09	6.93E-10	1.36E-17	3.60E-10	9.50E-13	6.61E-13	1.05E-11	6.55E-12	3.93E-11	6.22E-13	1.42E-11	1.94E-09	1.79E-10	2.31E-09
240	SG_240	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.900	9.93E-09	1.29E-08	5.43E-08	7.51E-10	4.09E-12	5.69E-07	2.42E-09	7.56E-10	1.48E-17	3.92E-10	1.04E-12	7.22E-13	1.15E-11	7.15E-12	4.29E-11	6.78E-13	1.55E-11	2.11E-09	1.96E-10	2.52E-09
241	SG_241	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.900	1.04E-08	1.58E-08	6.69E-08	8.84E-10	4.70E-12	6.11E-07	2.79E-09	8.69E-10	1.70E-17	4.51E-10	1.19E-12	8.31E-13	1.32E-11	8.22E-12	4.93E-11	7.80E-13	1.78E-11	2.43E-09	2.25E-10	2.90E-09
244	SG_244	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.900	1.07E-08	2.11E-08	8.76E-08	1.17E-09	5.73E-12	6.13E-07	3.39E-09	1.06E-09	2.07E-17	5.50E-10	1.45E-12	1.01E-12	1.61E-11	1.00E-11	6.00E-11	9.50E-13	2.17E-11	2.96E-09	2.74E-10	3.53E-09
245	SG_245	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.900	1.01E-08	2.01E-08	8.31E-08	1.15E-09	5.45E-12	5.67E-07	3.23E-09	1.01E-09	1.97E-17	5.23E-10	1.38E-12	9.63E-13	1.53E-11	9.53E-12	5.71E-11	9.04E-13	2.06E-11	2.82E-09	2.61E-10	3.36E-09
246	SG_246	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.900	9.66E-09	1.93E-08	7.97E-08	1.13E-09	5.23E-12	5.39E-07	3.10E-09	9.66E-10	1.89E-17	5.02E-10	1.33E-12	9.24E-13	1.47E-11	9.14E-12	5.48E-11	8.67E-13	1.98E-11	2.70E-09	2.50E-10	3.22E-09
247	SG_247	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.900	9.42E-09	1.89E-08	7.82E-08	1.13E-09	5.10E-12	5.25E-07	3.02E-09	9.43E-10	1.84E-17	4.90E-10	1.29E-12	9.01E-13	1.43E-11	8.92E-12	5.35E-11	8.46E-13	1.93E-11	2.64E-09	2.44E-10	3.14E-09
248	SG_248	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.900	8.94E-09	1.80E-08	7.42E-08	1.09E-09	4.84E-12	4.94E-07	2.87E-09	8.95E-10	1.75E-17	4.65E-10	1.23E-12	8.55E-13	1.36E-11	8.46E-12	5.08E-11	8.03E-13	1.83E-11	2.50E-09	2.32E-10	2.98E-09
253	SG_253	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.100	4.18E-09	6.56E-09	2.70E-08	4.08E-10	1.93E-12	3.33E-07	1.14E-09	3.54E-10	6.93E-18	1.84E-10	4.93E-13	3.54E-13	5.39E-12	3.37E-12	2.01E-11	3.19E-13	7.25E-12	9.91E-10	9.17E-11	1.18E-09
254	SG_254	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.100	4.30E-09	6.35E-09	2.69E-08	3.68E-10	1.91E-12	3.49E-07	1.13E-09	3.51E-10	6.87E-18	1.83E-10	4.89E-13	3.50E-13	5.35E-12	3.34E-12	1.99E-11	3.16E-13	7.18E-12	9.82E-10	9.08E-11	1.17E-09
255	SG_255	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.100	4.25E-09	6.15E-09	2.63E-08	3.39E-10	1.87E-12	3.49E-07	1.10E-09	3.44E-10	6.73E-18	1.79E-10	4.78E-13	3.43E-13	5.23E-12	3.27E-12	1.95E-11	3.09E-13	7.03E-12	9.62E-10	8.89E-11	1.15E-09
256	SG_256	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.100	4.08E-09	5.97E-09	2.54E-08	3.17E-10	1.82E-12	3.36E-07	1.07E-09	3.34E-10	6.53E-18	1.74E-10	4.64E-13	3.32E-13	5.08E-12	3.17E-12	1.89E-11	3.00E-13	6.83E-12	9.34E-10	8.64E-11	1.11E-09
257	SG_257	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.100	3.86E-09	5.82E-09	2.45E-08	3.00E-10	1.76E-12	3.24E-07	1.04E-09	3.23E-10	6.33E-18	1.68E-10	4.50E-13	3.22E-13	4.93E-12	3.08E-12	1.84E-11	2.91E-13	6.62E-12	9.05E-10	8.37E-11	1.08E-09
258	SG_258	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.100	3.56E-09	5.50E-09	2.29E-08	2.77E-10	1.66E-12	3.02E-07	9.77E-10	3.05E-10	5.96E-18	1.58E-10	4.24E-13	3.03E-13	4.64E-12	2.90E-12	1.73E-11	2.74E-13	6.23E-12	8.52E-10	7.88E-11	1.02E-09
259	SG_259	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.100	3.29E-09	5.18E-09	2.14E-08	2.54E-10	1.56E-12	2.80E-07	9.18E-10	2.86E-10	5.60E-18	1.49E-10	3.98E-13	2.84E-13	4.36E-12	2.72E-12	1.62E-11	2.58E-13	5.86E-12	8.01E-10	7.41E-11	9.54E-10
260	SG_260	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.100	3.06E-09	4.93E-09	2.01E-08	2.31E-10	1.48E-12	2.54E-07	8.70E-10	2.71E-10	5.31E-18	1.41E-10	3.77E-13	2.68E-13	4.13E-12	2.58E-12	1.54E-11	2.44E-13	5.55E-12	7.59E-10	7.02E-11	9.05E-10
261	SG_261	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.100	2.97E-09	4.85E-09	1.95E-08	2.17E-10	1.45E-12	2.39E-07	8.56E-10	2.67E-10	5.22E-18	1.39E-10	3.70E-13	2.62E-13	4.06E-12	2.53E-12	1.51E-11	2.40E-13	5.47E-12	7.47E-10	6.91E-11	8.90E-10
262	SG_262	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.100	3.00E-09	5.00E-09	1.97E-08	2.14E-10	1.49E-12	2.28E-07	8.81E-10	2.75E-10	5.38E-18	1.43E-10	3.80E-13	2.68E-13	4.18E-12	2.61E-12	1.56E-11	2.47E-13	5.63E-12	7.69E-10	7.12E-11	9.17E-10
263	SG_263	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6366.100	3.16E-09	5.28E-09	2.07E-08	2.16E-10	1.58E-12	2.30E-07	9.34E-10	2.92E-10	5.70E-18	1.51E-10	4.02E-13	2.82E-13	4.44E-12	2.76E-12	1.65E-11	2.62E-13	5.97E-12	8.15E-10	7.55E-11	9.72E-10
264	SG_264	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6366.100	3.75E-09	5.96E-09	2.37E-08	2.49E-10	1.81E-12	2.72E-07	1.07E-09	3.33E-10	6.52E-18	1.73E-10	4.59E-13	3.21E-13	5.07E-12	3.16E-12	1.89E-11	2.99E-13	6.83E-12	9.33E-10	8.63E-11	1.11E-09
270	SG_270	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6366.100	1.11E-08	1.45E-08	6.06E-08	9.82E-10	4.57E-12	7.05E-07	2.71E-09	8.46E-10	1.65E-17	4.39E-10	1.16E-12	8.07E-13	1.29E-11	8.00E-12	4.80E-11	7.59E-13	1.73E-11	2.36E-09	2.19E-10	2.82E-09
271	SG_271	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6366.100	1.17E-08	1.77E-08	7.46E-08	1.15E-09	5.28E-12	7.70E-07	3.13E-09	9.76E-10	1.91E-17	5.07E-10	1.34E-12	9.32E-13	1.48E-11	9.23E-12	5.53E-11	8.75E-13	2.00E-11	2.73E-09	2.53E-10	3.25E-09
279	SG_279	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6366.100	9.47E-09	1.90E-08	7.84E-08	1.19E-09	5.13E-12	5.41E-07	3.04E-09	9.48E-10	1.86E-17	4.92E-10	1.30E-12	9.06E-13	1.44E-11	8.97E-12	5.38E-11	8.51E-13	1.94E-11	2.65E-09	2.45E-10	3.16E-09
284	SG_284	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.300	5.00E-09	6.51E-09	2.61E-08	4.71E-10	2.05E-12	3.69E-07	1.21E-09	3.77E-10	7.39E-18	1.96E-10	5.25E-13	3.76E-13	5.75E-12	3.59E-12	2.14E-11	3.40E-13	7.72E-12	1.06E-09	9.77E-11	1.26E-09
285	SG_285	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.300	5.83E-09	6.03E-09	2.50E-08	4.30E-10	2.11E-12	4.07E-07	1.24E-09	3.87E-10	7.58E-18	2.01E-10	5.39E-13	3.86E-13	5.90E-12	3.68E-12	2.20E-11	3.48E-13	7.92E-12	1.08E-09	1.00E-10	1.29E-09
286	SG_286	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.300	6.22E-09	5.86E-09	2.46E-08	4.08E-10	2.15E-12	4.29E-07	1.27E-09	3.95E-10	7.72E-18	2.05E-10	5.49E-13	3.93E-13	6.01E-12	3.75E-12	2.24E-11	3.55E-13	8.07E-12	1.10E-09	1.02E-10	1.32E-09
287	SG_287	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.300	6.13E-09	6.00E-09	2.51E-08	4.00E-10	2.17E-12	4.40E-07	1.28E-09	3.99E-10	7.80E-18	2.07E-10	5.55E-13	3.97E-13	6.07E-12	3.79E-12	2.26E-11	3.59E-13	8.16E-12	1.12E-09	1.03E-10	1.33E-09
288	SG_288	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.300	5.57E-09	5.99E-09	2.47E-08	3.76E-10	2.09E-12	4.24E-07	1.23E-09	3.84E-10	7.51E-18	2.00E-10	5.34E-13	3.81E-13	5.84E-12	3.65E-12	2.18E-11	3.45E-13	7.85E-12	1.07E-09	9.93E-11	1.28E-09
289	SG_289	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.300	4.97E-09	5.86E-09	2.39E-08	3.48E-10	1.97E-12	4.01E-07	1.16E-09	3.63E-10	7.09E-18	1.89E-10	5.04E-13	3.60E-13	5.52E-12	3.45E-12	2.06E-11	3.26E-13	7.42E-12	1.01E-09	9.38E-11	1.21E-09
290	SG_290	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.300	4.45E-09	5.59E-09	2.25E-08	3.16E-10	1.84E-12	3.67E-07	1.08E-09	3.38E-10	6.61E-18	1.76E-10	4.69E-13	3.35E-13	5.15E-12	3.21E-12	1.92E-11	3.04E-13	6.92E-12	9.45E-10	8.75E-11	1.13E-09
291	SG_291	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.300	4.06E-09	5.33E-09	2.13E-08	2.86E-10	1.73E-12	3.33E-07	1.02E-09	3.18E-10	6.22E-18	1.65E-10	4.41E-13	3.14E-13	4.84E-12	3.02E-12	1.80E-11	2.86E-13	6.50E-12	8.89E-10	8.22E-11	1.06E-09
292	SG_292	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.300	3.91E-09	5.19E-09	2.06E-08	2.66E-10	1.68E-12	3.15E-07	9.89E-10	3.09E-10	6.04E-18	1.60E-10	4.28E-13	3.04E-13	4.70E-12	2.93E-12	1.75E-11	2.78E-13	6.32E-12	8.63E-10	7.99E-11	1.03E-09
293	SG_293	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.300	3.63E-09	5.13E-09	2.00E-08	2.47E-10	1.62E-12	2.85E-07	9.59E-10	2.99E-10	5.86E-18	1.56E-10	4.14E-13	2.92E-13	4.55E-12	2.84E-12	1.70E-11	2.69E-13	6.13E-12	8.37E-10	7.75E-11	9.98E-10
294	SG_294	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6366.300	3.63E-09	5.32E-09	2.07E-08	2.44E-10	1.67E-12	2.85E-07	9.85E-10	3.07E-10	6.01E-18	1.60E-10	4.23E-13	2.98E-13	4.67E-12	2.91E-12	1.74E-11	2.76E-13	6.29E-12	8.59E-10	7.95E-11	1.02E-09
295	SG_295	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6366.300	4.19E-09	5.97E-09	2.36E-08	2.79E-10	1.88E-12	3.28E-07	1.11E-09	3.47E-10	6.79E-18	1.80E-10	4.77E-13	3.35E-13	5.28E-12	3.29E-12	1.97E-11	3.12E-13	7.11E-12	9.71E-10	8.98E-11	1.16E-09
315	SG_315	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.500	5.73E-09	5.78E-09	2.25E-08	5.06E-10	2.04E-12	3.89E-07	1.21E-09	3.76E-10	7.36E-18	1.96E-10	5.23E-13	3.73E-13	5.72E-12	3.57E-12	2.13E-11	3.38E-13	7.69E-12	1.05E-09	9.73E-11	1.25E-09
316	SG_316	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.500	7.28E-09	4.99E-09	1.98E-08	4.70E-10	2.16E-12	4.40E-07	1.27E-09	3.97E-10	7.77E-18	2.07E-10	5.52E-13	3.95E-13	6.05E-12	3.78E-12	2.25E-11	3.58E-13	8.13E-12	1.11E-09	1.03E-10	1.32E-09

AQIA DATA - SCENARIO 1 RECREATIONAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							2.69E-08	4.89E-08	2.00E-07	4.15E-09	1.45E-11	2.06E-06	8.56E-09	2.67E-09	5.23E-17	1.39E-09	3.68E-12	2.59E-12	4.07E-11	2.53E-11	1.52E-10	2.40E-12	5.47E-11	7.47E-09	6.92E-10	8.91E-09
Receptor ID of Maximum Offsite Concentration / Deposition Rate							SG_725	SG_725	SG_725	NG_783	SG_725	NG_783	SG_725	SG_725	SG_725	SG_725	SG_725	SG_725	SG_725	SG_725	SG_725	SG_725	SG_725	SG_725	SG_725	SG_725
Coordinates of Maximum Offsite Concentration/ Deposition Rate						X	378.900	378.900	378.900	378.814	378.900	378.814	378.900	378.900	378.900	378.900	378.900	378.900	378.900	378.900	378.900	378.900	378.900	378.900	378.900	378.900
						Y	6369.100	6369.100	6369.100	6367.557	6369.100	6367.557	6369.100	6369.100	6369.100	6369.100	6369.100	6369.100	6369.100	6369.100	6369.100	6369.100	6369.100	6369.100	6369.100	6369.100
317	SG_317	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.500	8.11E-09	5.07E-09	2.04E-08	4.68E-10	2.32E-12	4.85E-07	1.37E-09	4.27E-10	8.36E-18	2.22E-10	5.94E-13	4.25E-13	6.50E-12	4.06E-12	2.42E-11	3.84E-13	8.74E-12	1.19E-09	1.11E-10	1.42E-09
318	SG_318	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.500	7.97E-09	6.13E-09	2.48E-08	4.84E-10	2.51E-12	5.23E-07	1.48E-09	4.61E-10	9.02E-18	2.40E-10	6.41E-13	4.59E-13	7.02E-12	4.38E-12	2.62E-11	4.15E-13	9.44E-12	1.29E-09	1.19E-10	1.54E-09
319	SG_319	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.500	7.52E-09	7.49E-09	3.06E-08	5.08E-10	2.70E-12	5.69E-07	1.59E-09	4.97E-10	9.72E-18	2.58E-10	6.91E-13	4.94E-13	7.56E-12	4.72E-12	2.82E-11	4.47E-13	1.02E-11	1.39E-09	1.29E-10	1.66E-09
320	SG_320	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.500	7.26E-09	8.54E-09	3.50E-08	5.30E-10	2.86E-12	6.28E-07	1.69E-09	5.27E-10	1.03E-17	2.74E-10	7.32E-13	5.24E-13	8.02E-12	5.01E-12	2.99E-11	4.74E-13	1.08E-11	1.47E-09	1.36E-10	1.76E-09
321	SG_321	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.500	6.71E-09	8.60E-09	3.51E-08	5.05E-10	2.79E-12	6.22E-07	1.64E-09	5.13E-10	1.00E-17	2.67E-10	7.13E-13	5.09E-13	7.81E-12	4.87E-12	2.91E-11	4.61E-13	1.05E-11	1.43E-09	1.33E-10	1.71E-09
322	SG_322	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.500	5.89E-09	7.90E-09	3.17E-08	4.39E-10	2.53E-12	5.37E-07	1.49E-09	4.65E-10	9.09E-18	2.42E-10	6.45E-13	4.60E-13	7.07E-12	4.42E-12	2.64E-11	4.18E-13	9.51E-12	1.30E-09	1.20E-10	1.55E-09
323	SG_323	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.500	5.14E-09	7.07E-09	2.78E-08	3.72E-10	2.25E-12	4.40E-07	1.33E-09	4.14E-10	8.10E-18	2.15E-10	5.74E-13	4.08E-13	6.30E-12	3.93E-12	2.35E-11	3.72E-13	8.47E-12	1.16E-09	1.07E-10	1.38E-09
324	SG_324	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.500	4.56E-09	6.51E-09	2.53E-08	3.25E-10	2.05E-12	3.81E-07	1.21E-09	3.77E-10	7.38E-18	1.96E-10	5.22E-13	3.69E-13	5.74E-12	3.58E-12	2.14E-11	3.39E-13	7.72E-12	1.05E-09	9.76E-11	1.26E-09
325	SG_325	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6366.500	4.30E-09	6.32E-09	2.44E-08	3.07E-10	1.97E-12	3.59E-07	1.16E-09	3.63E-10	7.11E-18	1.89E-10	5.01E-13	3.53E-13	5.53E-12	3.44E-12	2.06E-11	3.26E-13	7.44E-12	1.02E-09	9.40E-11	1.21E-09
326	SG_326	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6366.500	5.26E-09	7.99E-09	3.17E-08	3.82E-10	2.44E-12	4.55E-07	1.44E-09	4.50E-10	8.80E-18	2.34E-10	6.19E-13	4.33E-13	6.84E-12	4.26E-12	2.55E-11	4.04E-13	9.22E-12	1.26E-09	1.16E-10	1.50E-09
327	SG_327	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6366.500	6.96E-09	1.16E-08	4.74E-08	5.45E-10	3.38E-12	6.33E-07	2.00E-09	6.25E-10	1.22E-17	3.25E-10	8.57E-13	5.98E-13	9.50E-12	5.91E-12	3.54E-11	5.61E-13	1.28E-11	1.75E-09	1.62E-10	2.08E-09
346	SG_346	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.700	5.75E-09	5.19E-09	1.98E-08	5.07E-10	1.95E-12	3.94E-07	1.15E-09	3.58E-10	7.01E-18	1.86E-10	4.97E-13	3.54E-13	5.45E-12	3.40E-12	2.03E-11	3.22E-13	7.33E-12	1.00E-09	9.27E-11	1.19E-09
347	SG_347	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.700	7.17E-09	4.60E-09	1.76E-08	4.83E-10	2.08E-12	4.30E-07	1.23E-09	3.83E-10	7.50E-18	1.99E-10	5.32E-13	3.79E-13	5.83E-12	3.64E-12	2.17E-11	3.45E-13	7.84E-12	1.07E-09	9.92E-11	1.28E-09
348	SG_348	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.700	8.03E-09	5.52E-09	2.15E-08	5.19E-10	2.41E-12	4.94E-07	1.42E-09	4.42E-10	8.66E-18	2.30E-10	6.14E-13	4.38E-13	6.74E-12	4.20E-12	2.51E-11	3.98E-13	9.06E-12	1.24E-09	1.15E-10	1.48E-09
349	SG_349	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.700	8.17E-09	8.25E-09	3.32E-08	6.01E-10	2.95E-12	5.92E-07	1.74E-09	5.42E-10	1.06E-17	2.82E-10	7.53E-13	5.38E-13	8.25E-12	5.15E-12	3.07E-11	4.88E-13	1.11E-11	1.52E-09	1.40E-10	1.81E-09
350	SG_350	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.700	8.20E-09	1.17E-08	4.77E-08	6.97E-10	3.59E-12	7.05E-07	2.12E-09	6.61E-10	1.29E-17	3.44E-10	9.19E-13	6.57E-13	1.01E-11	6.28E-12	3.75E-11	5.95E-13	1.35E-11	1.85E-09	1.71E-10	2.20E-09
351	SG_351	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.700	8.49E-09	1.40E-08	5.72E-08	7.66E-10	4.09E-12	7.94E-07	2.41E-09	7.52E-10	1.47E-17	3.91E-10	1.05E-12	7.48E-13	1.15E-11	7.15E-12	4.27E-11	6.77E-13	1.54E-11	2.10E-09	1.95E-10	2.51E-09
352	SG_352	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.700	8.33E-09	1.44E-08	5.85E-08	7.61E-10	4.16E-12	8.11E-07	2.45E-09	7.64E-10	1.50E-17	3.98E-10	1.06E-12	7.60E-13	1.16E-11	7.27E-12	4.34E-11	6.88E-13	1.56E-11	2.14E-09	1.98E-10	2.55E-09
353	SG_353	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.700	7.51E-09	1.31E-08	5.24E-08	6.77E-10	3.80E-12	7.27E-07	2.24E-09	6.99E-10	1.37E-17	3.64E-10	9.71E-13	6.93E-13	1.06E-11	6.64E-12	3.97E-11	6.29E-13	1.43E-11	1.96E-09	1.81E-10	2.33E-09
354	SG_354	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.700	6.77E-09	1.19E-08	4.69E-08	5.92E-10	3.46E-12	6.45E-07	2.04E-09	6.37E-10	1.25E-17	3.31E-10	8.83E-13	6.29E-13	9.69E-12	6.05E-12	3.61E-11	5.73E-13	1.30E-11	1.78E-09	1.65E-10	2.12E-09
355	SG_355	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.700	6.14E-09	1.09E-08	4.24E-08	5.22E-10	3.16E-12	5.82E-07	1.86E-09	5.81E-10	1.14E-17	3.02E-10	8.04E-13	5.70E-13	8.85E-12	5.52E-12	3.30E-11	5.23E-13	1.19E-11	1.63E-09	1.50E-10	1.94E-09
377	SG_377	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.900	5.16E-09	4.99E-09	1.88E-08	4.73E-10	1.82E-12	3.62E-07	1.08E-09	3.35E-10	6.56E-18	1.74E-10	4.64E-13	3.29E-13	5.10E-12	3.18E-12	1.90E-11	3.01E-13	6.87E-12	9.38E-10	8.68E-11	1.12E-09
378	SG_378	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.900	6.15E-09	5.20E-09	1.95E-08	5.06E-10	2.04E-12	4.11E-07	1.20E-09	3.75E-10	7.33E-18	1.95E-10	5.19E-13	3.68E-13	5.71E-12	3.56E-12	2.13E-11	3.37E-13	7.67E-12	1.05E-09	9.70E-11	1.25E-09
379	SG_379	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.900	6.84E-09	6.89E-09	2.62E-08	5.97E-10	2.47E-12	4.91E-07	1.46E-09	4.55E-10	8.91E-18	2.37E-10	6.31E-13	4.48E-13	6.93E-12	4.32E-12	2.58E-11	4.09E-13	9.32E-12	1.27E-09	1.18E-10	1.52E-09
380	SG_380	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.900	7.36E-09	1.04E-08	4.05E-08	7.36E-10	3.22E-12	6.16E-07	1.90E-09	5.92E-10	1.16E-17	3.08E-10	8.22E-13	5.85E-13	9.02E-12	5.63E-12	3.36E-11	5.33E-13	1.21E-11	1.66E-09	1.53E-10	1.97E-09
381	SG_381	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.900	8.25E-09	1.43E-08	5.65E-08	8.76E-10	4.11E-12	7.50E-07	2.43E-09	7.57E-10	1.48E-17	3.94E-10	1.05E-12	7.49E-13	1.15E-11	7.19E-12	4.29E-11	6.81E-13	1.55E-11	2.12E-09	1.96E-10	2.52E-09
382	SG_382	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.900	9.63E-09	1.80E-08	7.12E-08	1.04E-09	5.05E-12	9.06E-07	2.98E-09	9.29E-10	1.82E-17	4.83E-10	1.29E-12	9.21E-13	1.41E-11	8.83E-12	5.27E-11	8.36E-13	1.90E-11	2.60E-09	2.40E-10	3.10E-09
383	SG_383	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.900	1.10E-08	2.10E-08	8.32E-08	1.21E-09	5.87E-12	1.08E-06	3.46E-09	1.08E-09	2.11E-17	5.61E-10	1.50E-12	1.07E-12	1.64E-11	1.03E-11	6.12E-11	9.71E-13	2.21E-11	3.02E-09	2.79E-10	3.60E-09
397	SG_397	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6366.900	1.91E-08	3.86E-08	1.59E-07	3.26E-09	1.04E-11	1.39E-06	6.13E-09	1.91E-09	3.75E-17	9.94E-10	2.63E-12	1.83E-12	2.91E-11	1.81E-11	1.09E-10	1.72E-12	3.92E-11	5.35E-09	4.96E-10	6.38E-09
398	SG_398	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6366.900	1.66E-08	3.33E-08	1.39E-07	2.34E-09	8.98E-12	1.07E-06	5.32E-09	1.66E-09	3.25E-17	8.62E-10	2.28E-12	1.59E-12	2.52E-11	1.57E-11	9.42E-11	1.49E-12	3.40E-11	4.64E-09	4.30E-10	5.53E-09
408	SG_408	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.100	4.93E-09	5.67E-09	2.13E-08	4.87E-10	1.92E-12	3.69E-07	1.14E-09	3.55E-10	6.94E-18	1.84E-10	4.90E-13	3.46E-13	5.40E-12	3.36E-12	2.01E-11	3.19E-13	7.26E-12	9.92E-10	9.18E-11	1.18E-09
409	SG_409	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.100	5.51E-09	6.62E-09	2.46E-08	5.83E-10	2.21E-12	4.30E-07	1.30E-09	4.07E-10	7.95E-18	2.11E-10	5.61E-13	3.97E-13	6.19E-12	3.86E-12	2.31E-11	3.65E-13	8.32E-12	1.14E-09	1.05E-10	1.36E-09
412	SG_412	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6367.100	7.91E-09	1.45E-08	5.45E-08	1.05E-09	4.13E-12	7.49E-07	2.44E-09	7.60E-10	1.49E-17	3.95E-10	1.05E-12	7.46E-13	1.16E-11	7.22E-12	4.31E-11	6.84E-13	1.56E-11	2.13E-09	1.97E-10	2.53E-09
413	SG_413	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6367.100	9.81E-09	1.86E-08	7.05E-08	1.33E-09	5.25E-12	9.50E-07	3.10E-09	9.66E-10	1.89E-17	5.02E-10	1.34E-12	9.51E-13	1.47E-11	9.17E-12	5.48E-11	8.69E-13	1.98E-11	2.70E-09	2.50E-10	3.22E-09
414	SG_414	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6367.100	1.27E-08	2.46E-08	9.28E-08	1.84E-09	6.84E-12	1.29E-06	4.04E-09	1.26E-09	2.46E-17	6.55E-10	1.75E-12	1.24E-12	1.92E-11	1.20E-11	7.14E-11	1.13E-12	2.58E-11	3.52E-09	3.26E-10	4.20E-09
438	SG_438	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6367.300	4.43E-09	6.03E-09	2.30E-08	4.49E-10	1.92E-12	3.49E-07	1.13E-09	3.54E-10	6.92E-18	1.84E-10	4.88E-13	3.44E-13	5.38E-12	3.35E-12	2.01E-11	3.18E-13	7.24E-12	9.89E-10	9.16E-11	1.18E-09
439	SG_439	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.300	4.97E-09	7.06E-09	2.68E-08	5.33E-10	2.20E-12	4.14E-07	1.30E-09	4.07E-10	7.95E-18	2.11E-10	5.61E-13	3.96E-13	6.19E-12	3.85E-12	2.31E-11	3.65E-13	8.32E-12	1.14E-09	1.05E-10	1.36E-09
440	SG_440	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.300	5.30E-09	8.15E-09	3.02E-08	6.50E-10	2.47E-12	4.51E-07	1.46E-09	4.56E-10	8.93E-18	2.37E-10	6.30E-13	4.44E-13	6.94E-12	4.32E-12	2.59E-11	4.10E-13	9.34E-12	1.28E-09	1.18E-10	1.52E-09
442	SG_442	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6367.300	6.76E-09	1.22E-08	4.43E-08	1.04E-09	3.50E-12	6.60E-07	2.07E-09	6.46E-10	1.26E-17	3.36E-10	8.91E-13	6.29E-13	9.83E-12	6.12E-12	3.66E-11	5.80E-13	1.32E-11	1.81E-09	1.67E-10	2.15E-09
443	SG_443	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6367.300	7.97E-09	1.49E-08	5.42E-08	1.28E-09	4.24E-12	7.99E-07	2.51E-09	7.82E-10	1.53E-17	4.06E-10	1.08E-12	7.62E-13	1.19E-11	7.41E-12	4.44E-11	7.03E-13	1.60E-11	2.19E-09	2.02E-10	2.61E-09
444	SG_444	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6367.300	9.82E-09	1.88E-08	6.77E-08	1.75E-09	5.29E-12	1.04E-06	3.13E-09	9.75E-10	1.91E-17	5.07E-10	1.35E-12	9.52E-13	1.48E-11	9.25E-12	5.53E-11	8.76E-13	2.00E-11	2.73E-09	2.52E-10	3.25E-09
445	SG_445	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6367.300	1.29E-08	2.49E-08	8.90E-08	2.64E-09	6.96E-12	1.47E-06	4.11E-09	1.28E-09	2.51E-17	6.67E-10	1.77E-12	1.25E-12	1.95E-11	1.22E-11	7.28E-11	1.15E-12	2.63E-11	3.59E-09	3.32E-10	4.28E-09
467	SG_467	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6367.500	3.52E-09	5.05E-09	1.93E-08	3.37E-10	1.58E-12	2.58E-07	9.36E-10	2.92E-10	5.72E-18	1.52E-10	4.03E-13	2.84E-13	4.45E-12	2.77E-12	1.66E-11	2.62E-13	5.98E-12	8.17E-10	7.56E-11	9.74E-10
468	SG_468	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6367.500	3.99E-09	5.75E-09	2.20E-08	3.83E-10	1.80E-12	3.05E-07	1.06E-09	3.32E-10	6.50E-18	1.73E-10	4.58E-13	3.23E-13	5.06E-12	3.15E-12	1.88E-11	2.98E-13	6.80E-12	9.29E-10	8.60E-11	1.11E-09
469	SG_469	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6367.500	4.48E-09	6.77E-09	2.60E-08	4.44E-10	2.08E-12	3.62E-07	1.23E-09	3.84E-10	7.52E-18	2.00E-10	5.30E-13	3.74E-13	5.85E-12	3.64E-12	2.18E-11	3.45E-13	7.87E-12	1.08E-09	9.95E-11	1.28E-09
470	SG_470	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.500	4.80E-09	7.75E-09	2.93E-08	5.17E-10	2.33E-12	3.88E-07	1.38E-09	4.30E-10	8.42E-18	2.24E-10	5.94E-13	4.19E-13	6.55E-12	4.08E-12	2.44E-11	3.87E-13	8.81E-12	1.20E-09	1.11E-10	1.43E-09
471	SG_471	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.500	5.26E-09	8.98E-09	3.33E-08	6.48E-10	2.65E-12	4.44E-07	1.57E-09	4.89E-10	9.57E-18	2.54E-10	6.75E-13	4.76E-13	7.45E-12	4.64E-12	2.78E-11	4.40E-13	1.00E-11	1.37E-09	1.27E-10	1.63E-09
472	SG_472	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6367.500	5.82E-09	1.04E-08	3.78E-08	8.30E-10	3.02E-12	5.17E-07	1.79E-09	5.57E-10	1.09E-17	2.89E-10	7.69E-13	5.42E-13	8.48E-12	5.28E-12	3.16E-11	5.00E-13	1.14E-11	1.56E-09	1.44E-10	1.86E-09
473	SG_473	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6367.500	6.74E-09	1.25E-08	4.49E-08	1.09E-09	3.58E-12	6.49E-07	2.11E-09	6.59E-10	1.29E-17	3.43E-10	9.10E-13	6.42E-13	1.00E-11	6.25E-12	3.74E-11	5.92E-13	1.35E-11	1.84E-09	1.71E-10	2.20E-09
474	SG_474	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6367.500	8.12E-09	1.54E-08	5.51E-08	1.47E-09	4.36E-12	8.51E-07	2.58E-09	8.05E-10	1.57E-17	4.18E-10	1.11E-12	7.83E-13	1.22E-11	7.63E-12	4.57E-11	7.23E-13	1.65E-11	2.25E-09	2.08E-10	2.68E-09
497	SG_497	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6367.700	3.19E-09	4.72E-09	1.83E-08	2.82E-10	1.47E-12	2.26E-07	8.69E-10	2.71E-10	5.31E-18	1.41E-10	3.74E-13	2.63E-13	4.13E-12	2.57E-12	1.54E-11	2.44E-13	5.55E-12	7.58E-10	7.02E-11	9.04E-10
498	SG_498	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6367.700	3.59E-09	5.28E-09	2.04E-08	3.17E-10	1.65E-12	2.60E-07	9.76E-10	3.05E-10	5.96E-18	1.58E-10	4.20E-13	2.96E-13	4.64E-12	2.89E-12	1.73E-11	2.74E-13	6.24E-12	8.52E-10	7.88E-11	1.02E-09
500	SG_500	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6367.700	4.42E-09	7.21E-09	2.75E-08	4.15E-10	2.18E-12	3.31E-07	1.29E-09	4.03E-10	7.88E-18	2.09E-10	5.55E-13	3.91E-13	6.13E-12	3.82E-12	2.28E-11	3.62E-13	8.25E-12	1.13E-09	1.04E-10	1.34E-09
501	SG_501	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.700	4.87E-09	8.31E-09	3.12E-08	4.93E-10	2.49E-12	3.65E-07	1.47E-09	4.58E-10	8.97E-18	2.38E-10	6.32E-13	4.46E-13	6.98E-12	4.35E-12	2.60E-11	4.12E-13	9.39E-12	1.28E-09	1.19E-10	1.53E-09
502	SG_502	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.700	5.47E-09	9.67E-09	3.59E-08	6.24E-10	2.85E-12	4.33E-07	1.69E-09	5.26E-10	1.03E-17	2.74E-10	7.26E-13	5.12E-13	8.01E-12	4.99E-12	2.99E-11	4.73E-13	1.08E-11	1.47E-09	1.36E-10	1.75E-09
503	SG_503	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6367.700	6.11E-09	1.11E-08	4.05E-08	8.15E-10	3.24E-12	5.19E-07	1.92E-09	5.98E-10	1.17E-17	3.10E-10	8.24E-13	5.81E-13	9.09E-12	5.66E-12	3.39E-11	5.37E-13	1.22E-11	1.67E-09	1.55E-10	1.99E-09
526	SG_526	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6367.700	1.13E-08	2.26E-08	1.03E-07	8.15E-10	6.14E-12	3.36E-07	3.63E-09	1.13E-09	2.22E-17	5.89E-10	1.56E-12	1.09E-12	1.72E-11	1.07E-11	6.43E-11	1.02E-12	2.32E-11	3.17E-09	2.93E-10	3.78E-09
528	SG_528	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6367.900	3.28E-09	4.87E-09	1.90E-08	2.69E-10	1.52E-12	2.24E-07	9.01E-10	2.81E-10	5.50E-18	1.46E-10	3.88E-13	2.73E-13	4.28E-12	2.66E-12	1.60E-11	2.53E-13	5.76E-12	7.86E-10	7.28E-11	9.37E-10
529	SG_529	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6367.900	3.72E-09	5.70E-09	2.22E-08	3.08E-10	1.77E-12	2.65E-07	1.04E-09	3.26E-10	6.37E-18	1.69E-10	4.49E-13	3.16E-13	4.95E-12	3.09E-12	1.85E-11	2.92E-13	6.67E-12	9.11E-10	8.43E-11	1.09E-09
532	SG_532	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.900	5.44E-09	9.52E-09	3.62E-08	4.94E-10	2.84E-12	3.80E-07	1.68E-09	5.24E-10	1.03E-17	2.72E-10	7.23E-13	5.09E-13	7.98E-12	4.97E-12	2.97E-11	4.71E-13	1.07E-11	1.47E-09	1.36E-10	1.75E-09
533	SG_533	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.900	6.16E-09	1.10E-08	4.13E-08	6.17E-10	3.27E-12	4.37E-07	1.93E-09	6.03E-10	1.18E-17	3.13E-10	8.32E-13	5.86E-13	9.18E-12	5.72E-12	3.42E-11	5.42E-13	1.24E-11	1.69E-09	1.56E-10	2.01E-09
534	SG_534	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6367.900	6.89E-09	1.25E-08	4.60E-08	8.09E-10	3.69E-12	5.20E-07	2.18E-09	6.81E-10	1.33E-17	3.54E-10	9.40E-13	6.62E-13	1.04E-11	6.46E-12	3.87E-11	6.12E-13	1.40E-11	1.91E-09	1.76E-10	2.27E-09
557	SG_557	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6367.900	1.08E-08	2.17E-08	9.90E-08	7.45E-10	5.88E-12	2.98E-07	3.48E-09	1.09E-09	2.13E-17	5.64E-10	1.49E-12	1.05E-12	1.65E-11	1.03E-11	6.16E-11	9.76E-13	2.23E-11	3.04E-09	2.81E-10	3.62E-09
558	SG_558	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6367.900	9.59E-09	1.92E-08	8.76E-08	6.68E-10	5.20E-12	2.67E-07	3.08E-09	9.61E-10	1.88E-17	4.99E-10	1.32E-12	9.26E-13	1.46E-11	9.10E-12	5.45E-11	8.63E-13	1.97E-11	2.69E-09	2.49E-10	3.20E-09
559	SG_559	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.100	3.50E-09	5.24E-09	2.06E-08	2.70E-10	1.64E-12	2.36E-07	9.69E-10	3.02E-10	5.91E-18	1.57E-10	4.17E-13	2.93E-13	4.60E-12	2.86E-12	1.72E-11	2.72E-13	6.19E-12	8.46E-10	7.82E-11	1.01E-09
560	SG_560	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.100	3.98E-09	6.22E-09	2.44E-08	3.08E-10	1.92E-12	2.74E-07	1.14E-09	3.54E-10	6.93E-18	1.84E-10	4.88E-13	3.44E-13	5.39E-12	3.36E-12	2.01E-11	3.18E-13	7.26E-12	9.91E-10	9.17E-11	1.18E-09
561	SG_561	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.100	4.43E-09	7.28E-09	2.82E-08	3.40E-10	2.22E-12	2.84E-07	1.31E-09	4.10E-10	8.03E-18	2.13E-10	5.66E-13	3.98E-13	6.24E-12	3.89E-12	2.33E-11	3.69E-13	8.40E-12	1.15E-09	1.06E-10	1.37E-09
562	SG_562	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.100	5.28E-09	9.07E-09	3.52E-08	4.08E-10	2.73E-12	3.33E-07	1.62E-09	5.04E-10	9.87E-18	2.62E-10	6.95E-13	4.89E-13	7.67E-12	4.78E-12	2.86E-11	4.53E-13	1.03E-11	1.41E-09	1.31E-10	1.68E-09
564	SG_564	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.100	7.47E-09	1.34E-08	5.19E-08	6.22E-10	3.99E-12	4.41E-07	2.36E-09	7.36E-10	1.44E-17	3.83E-10	1.02E-12	7.15E-13	1.12E-11	6.98E-12	4.18E-11	6.61E-13	1.51E-11	2.06E-09	1.91E-10	2.45E-09
565	SG_565	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.100	8.47E-09	1.54E-08	5.82E-08	8.06E-10	4.55E-12	5.23E-07	2.69E-09	8.40E-10	1.64E-17	4.37E-10	1.16E-12	8.16E-13	1.28E-11	7.96E-12	4.77E-11	7.55E-13	1.72E-11	2.35E-09	2.17E-10	2.80E-09
589	SG_589	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6368.100	9.91E-09	1.98E-08	9.16E-08	6.63E-10	5.37E-12	2.66E-07	3.18E-09	9.92E-10	1.94E-17	5.15E-10	1.36E-12	9.56E-13	1.51E-11	9.40E-12	5.63E-11	8.91E-13	2.03E-11	2.78E-09	2.57E-10	3.31E-09
590	SG_590	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.300	3.67E-09	5.56E-09	2.19E-08	2.65E-10	1.74E-12	2.30E-07	1.03E-09	3.22E-10	6.30E-18	1.67E-10	4.44E-13	3.12E-13	4.90E-12	3.05E-12	1.83E-11	2.89E-13	6.59E-12	9.00E-10	8.33E-11	1.07E-09
591	SG_591	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.300	4.24E-09	6.63E-09	2.61E-08	3.03E-10	2.06E-12	2.68E-07	1.22E-09	3.80E-10	7.44E-18	1.98E-10	5.24E-13	3.69E-13	5.78E-12	3.60E-12	2.16E-11	3.41E-13	7.79E-12	1.06E-09	9.84E-11	1.27E-09
592	SG_592	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.300	4.93E-09	8.07E-09	3.16E-08	3.46E-10	2.48E-12	2.97E-07	1.46E-09	4.57E-10	8.94E-18	2.38E-10	6.30E-13	4.43E-13	6.96E-12	4.33E-12	2.59E-11	4.11E-13	9.36E-12	1.28E-09	1.18E-10	1.52E-09
593	SG_593	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.300	5.95E-09	1.01E-08	4.00E-08	4.05E-10	3.08E-12	3.27E-07	1.82E-09	5.68E-10	1.11E-17	2.95E-10	7.83E-13	5.51E-13	8.64E-12	5.38E-12	3.22E-11	5.10E-13	1.16E-11	1.59E-09	1.47E-10	1.89E-09
594	SG_594	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.300	7.45E-09	1.31E-08	5.24E-08	4.96E-10	3.93E-12	3.68E-07	2.32E-09	7.24E-10	1.42E-17	3.76E-10	9.98E-13	7.03E-13	1.10E-11	6.86E-12	4.11E-11	6.51E-13	1.48E-11	2.03E-09	1.87E-10	2.41E-09
595	SG_595	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.300	9.23E-09	1.66E-08	6.69E-08	6.29E-10	4.93E-12	4.30E-07	2.91E-09	9.09E-10	1.78E-17	4.72E-10	1.25E-12	8.81E-13	1.38E-11	8.61E-12	5.16E-11	8.16E-13	1.86E-11	2.54E-09	2.35E-10	3.03E-09
597	SG_597	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6368.300	1.14E-08	2.06E-08	7.83E-08	1.01E-09	6.17E-12	5.93E-07	3.65E-09	1.14E-09	2.23E-17	5.91E-10	1.57E-12	1.10E-12	1.73E-11	1.08E-11	6.45E-11	1.02E-12	2.33E-11	3.18E-09	2.94E-10	3.79E-09
621	SG_621	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.500	3.94E-09	6.12E-09	2.44E-08	2.66E-10	1.91E-12	2.30E-07	1.13E-09	3.52E-10	6.89E-18	1.83E-10	4.85E-13	3.41E-13	5.36E-12	3.34E-12	2.00E-11	3.16E-13	7.21E-12	9.85E-10	9.11E-11	1.17E-09
622	SG_622	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.500	4.50E-09	6.99E-09	2.75E-08	2.92E-10	2.20E-12	2.50E-07	1.30E-09	4.05E-10	7.92E-18	2.10E-10	5.58E-13	3.93E-13	6.16E-12	3.84E-12	2.30E-11	3.64E-13	8.30E-12	1.13E-09	1.05E-10	1.35E-09
623	SG_623	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.500	5.31E-09	8.44E-09	3.31E-08	3.32E-10	2.64E-12	2.77E-07	1.56E-09	4.87E-10	9.53E-18	2.53E-10	6.71E-13	4.72E-13	7.41E-12	4.61E-12	2.76E-11	4.37E-13	9.97E-12	1.36E-09	1.26E-10	1.62E-09
624	SG_624	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.500	6.63E-09	1.10E-08	4.39E-08	4.01E-10	3.37E-12	3.23E-07	1.99E-09	6.22E-10	1.22E-17	3.23E-10	8.58E-13	6.04E-13	9.47E-12	5.90E-12	3.53E-11	5.59E-13	1.27E-11	1.74E-09	1.61E-10	2.07E-09
625	SG_625	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.500	8.53E-09	1.47E-08	6.07E-08	5.02E-10	4.44E-12	3.75E-07	2.63E-09	8.20E-10	1.60E-17	4.26E-10	1.13E-12	7.94E-13	1.25E-11	7.77E-12	4.65E-11	7.36E-13	1.68E-11	2.29E-09	2.12E-10	2.73E-09
626	SG_626	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.500	1.04E-08	1.84E-08	7.58E-08	6.08E-10	5.50E-12	4.04E-07	3.25E-09	1.02E-09	1.99E-17	5.28E-10	1.40E-12	9.84E-13	1.55E-11	9.62E-12	5.76E-11	9.12E-13	2.08E-11	2.84E-09	2.63E-10	3.39E-09
627	SG_627	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.500	1.19E-08	2.13E-08	8.59E-08	7.36E-10	6.37E-12	4.48E-07	3.77E-09	1.18E-09	2.30E-17	6.11E-10	1.62E-12	1.14E-12	1.79E-11	1.11E-11	6.67E-11	1.06E-12	2.41E-11	3.29E-09	3.04E-10	3.92E-09

AQIA DATA - SCENARIO 1 RECREATIONAL

Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.69E-08**	**4.89E-08**	**2.00E-07**	**4.15E-09**	**1.45E-11**	**2.06E-06**	**8.56E-09**	**2.67E-09**	**5.23E-17**	**1.39E-09**	**3.68E-12**	**2.59E-12**	**4.07E-11**	**2.53E-11**	**1.52E-10**	**2.40E-12**	**5.47E-11**	**7.47E-09**	**6.92E-10**	**8.91E-09**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**SG_725**	**SG_725**	**SG_725**	**NG_783**	**SG_725**	**NG_783**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**378.900**	**378.900**	**378.900**	**378.814**	**378.900**	**378.814**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**
						Y	**6369.100**	**6369.100**	**6369.100**	**6367.557**	**6369.100**	**6367.557**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**
652	SG_652	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.700	4.35E-09	7.09E-09	2.91E-08	2.76E-10	2.18E-12	2.31E-07	1.29E-09	4.02E-10	7.86E-18	2.09E-10	5.53E-13	3.88E-13	6.11E-12	3.80E-12	2.28E-11	3.61E-13	8.22E-12	1.12E-09	1.04E-10	1.34E-09
653	SG_653	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.700	4.97E-09	7.87E-09	3.17E-08	2.97E-10	2.46E-12	2.47E-07	1.45E-09	4.54E-10	8.87E-18	2.36E-10	6.25E-13	4.39E-13	6.90E-12	4.30E-12	2.57E-11	4.07E-13	9.29E-12	1.27E-09	1.17E-10	1.51E-09
654	SG_654	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.700	5.81E-09	9.12E-09	3.63E-08	3.29E-10	2.87E-12	2.69E-07	1.70E-09	5.30E-10	1.04E-17	2.75E-10	7.30E-13	5.14E-13	8.06E-12	5.02E-12	3.01E-11	4.76E-13	1.09E-11	1.48E-09	1.37E-10	1.77E-09
655	SG_655	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.700	6.96E-09	1.12E-08	4.47E-08	3.77E-10	3.50E-12	2.95E-07	2.07E-09	6.45E-10	1.26E-17	3.35E-10	8.89E-13	6.26E-13	9.81E-12	6.11E-12	3.66E-11	5.79E-13	1.32E-11	1.80E-09	1.67E-10	2.15E-09
656	SG_656	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.700	8.51E-09	1.42E-08	5.74E-08	4.47E-10	4.37E-12	3.23E-07	2.58E-09	8.06E-10	1.58E-17	4.19E-10	1.11E-12	7.82E-13	1.23E-11	7.64E-12	4.57E-11	7.24E-13	1.65E-11	2.25E-09	2.09E-10	2.69E-09
657	SG_657	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.700	1.04E-08	1.78E-08	7.27E-08	5.43E-10	5.42E-12	3.62E-07	3.20E-09	1.00E-09	1.96E-17	5.19E-10	1.38E-12	9.69E-13	1.52E-11	9.47E-12	5.67E-11	8.98E-13	2.05E-11	2.80E-09	2.59E-10	3.33E-09
658	SG_658	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.700	1.20E-08	2.10E-08	8.50E-08	6.48E-10	6.38E-12	4.02E-07	3.77E-09	1.18E-09	2.30E-17	6.12E-10	1.62E-12	1.14E-12	1.79E-11	1.12E-11	6.68E-11	1.06E-12	2.41E-11	3.29E-09	3.05E-10	3.93E-09
659	SG_659	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6368.700	1.34E-08	2.35E-08	9.24E-08	7.49E-10	7.16E-12	4.32E-07	4.24E-09	1.32E-09	2.59E-17	6.87E-10	1.82E-12	1.28E-12	2.01E-11	1.25E-11	7.50E-11	1.19E-12	2.71E-11	3.70E-09	3.42E-10	4.41E-09
683	SG_683	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.900	4.90E-09	8.44E-09	3.58E-08	2.87E-10	2.53E-12	2.22E-07	1.50E-09	4.68E-10	9.15E-18	2.43E-10	6.43E-13	4.52E-13	7.11E-12	4.43E-12	2.65E-11	4.20E-13	9.58E-12	1.31E-09	1.21E-10	1.56E-09
684	SG_684	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.900	5.64E-09	9.44E-09	3.96E-08	3.15E-10	2.88E-12	2.47E-07	1.70E-09	5.31E-10	1.04E-17	2.76E-10	7.31E-13	5.14E-13	8.08E-12	5.03E-12	3.01E-11	4.77E-13	1.09E-11	1.49E-09	1.38E-10	1.77E-09
685	SG_685	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.900	6.44E-09	1.06E-08	4.37E-08	3.44E-10	3.26E-12	2.70E-07	1.93E-09	6.03E-10	1.18E-17	3.13E-10	8.30E-13	5.83E-13	9.17E-12	5.71E-12	3.42E-11	5.41E-13	1.23E-11	1.69E-09	1.56E-10	2.01E-09
686	SG_686	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.900	7.34E-09	1.20E-08	4.89E-08	3.73E-10	3.73E-12	2.83E-07	2.20E-09	6.88E-10	1.35E-17	3.57E-10	9.48E-13	6.67E-13	1.05E-11	6.52E-12	3.90E-11	6.18E-13	1.41E-11	1.92E-09	1.78E-10	2.29E-09
687	SG_687	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.900	8.52E-09	1.40E-08	5.69E-08	4.17E-10	4.37E-12	2.99E-07	2.58E-09	8.06E-10	1.58E-17	4.19E-10	1.11E-12	7.81E-13	1.23E-11	7.64E-12	4.57E-11	7.24E-13	1.65E-11	2.25E-09	2.09E-10	2.69E-09
688	SG_688	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.900	9.88E-09	1.65E-08	6.64E-08	4.76E-10	5.12E-12	3.21E-07	3.03E-09	9.44E-10	1.85E-17	4.90E-10	1.30E-12	9.16E-13	1.44E-11	8.95E-12	5.36E-11	8.48E-13	1.93E-11	2.64E-09	2.44E-10	3.15E-09
689	SG_689	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.900	1.12E-08	1.88E-08	7.47E-08	5.39E-10	5.84E-12	3.38E-07	3.45E-09	1.08E-09	2.11E-17	5.60E-10	1.49E-12	1.05E-12	1.64E-11	1.02E-11	6.11E-11	9.68E-13	2.21E-11	3.01E-09	2.79E-10	3.59E-09
690	SG_690	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6368.900	1.27E-08	2.15E-08	8.46E-08	6.25E-10	6.69E-12	3.65E-07	3.96E-09	1.23E-09	2.41E-17	6.41E-10	1.70E-12	1.20E-12	1.88E-11	1.17E-11	7.00E-11	1.11E-12	2.53E-11	3.45E-09	3.19E-10	4.11E-09
691	SG_691	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6368.900	1.51E-08	2.60E-08	1.02E-07	7.74E-10	8.01E-12	4.17E-07	4.74E-09	1.48E-09	2.89E-17	7.68E-10	2.04E-12	1.44E-12	2.25E-11	1.40E-11	8.38E-11	1.33E-12	3.03E-11	4.13E-09	3.82E-10	4.93E-09
692	SG_692	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6368.900	1.90E-08	3.35E-08	1.34E-07	1.05E-09	1.02E-11	5.17E-07	6.01E-09	1.88E-09	3.67E-17	9.75E-10	2.59E-12	1.83E-12	2.85E-11	1.78E-11	1.06E-10	1.69E-12	3.84E-11	5.25E-09	4.86E-10	6.25E-09
693	SG_693	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6368.900	2.41E-08	4.34E-08	1.74E-07	1.46E-09	1.30E-11	6.48E-07	7.69E-09	2.40E-09	4.69E-17	1.25E-09	3.31E-12	2.33E-12	3.65E-11	2.27E-11	1.36E-10	2.15E-12	4.91E-11	6.71E-09	6.21E-10	7.99E-09
714	SG_714	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.100	5.58E-09	1.00E-08	4.39E-08	3.05E-10	2.95E-12	2.16E-07	1.75E-09	5.45E-10	1.07E-17	2.83E-10	7.50E-13	5.26E-13	8.29E-12	5.16E-12	3.09E-11	4.90E-13	1.12E-11	1.52E-09	1.41E-10	1.82E-09
715	SG_715	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.100	6.30E-09	1.11E-08	4.82E-08	3.30E-10	3.31E-12	2.33E-07	1.96E-09	6.12E-10	1.20E-17	3.18E-10	8.42E-13	5.90E-13	9.31E-12	5.79E-12	3.47E-11	5.49E-13	1.25E-11	1.71E-09	1.58E-10	2.04E-09
716	SG_716	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.100	6.94E-09	1.20E-08	5.11E-08	3.49E-10	3.63E-12	2.45E-07	2.15E-09	6.71E-10	1.31E-17	3.48E-10	9.23E-13	6.49E-13	1.02E-11	6.35E-12	3.80E-11	6.02E-13	1.37E-11	1.88E-09	1.74E-10	2.24E-09
717	SG_717	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.100	7.72E-09	1.32E-08	5.51E-08	3.74E-10	4.03E-12	2.60E-07	2.38E-09	7.43E-10	1.45E-17	3.86E-10	1.02E-12	7.20E-13	1.13E-11	7.04E-12	4.22E-11	6.67E-13	1.52E-11	2.08E-09	1.92E-10	2.48E-09
718	SG_718	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.100	8.66E-09	1.47E-08	6.04E-08	4.08E-10	4.51E-12	2.76E-07	2.67E-09	8.33E-10	1.63E-17	4.33E-10	1.15E-12	8.08E-13	1.27E-11	7.89E-12	4.72E-11	7.48E-13	1.71E-11	2.33E-09	2.16E-10	2.78E-09
719	SG_719	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.100	9.61E-09	1.61E-08	6.53E-08	4.41E-10	5.01E-12	2.86E-07	2.96E-09	9.23E-10	1.81E-17	4.80E-10	1.27E-12	8.96E-13	1.41E-11	8.75E-12	5.24E-11	8.29E-13	1.89E-11	2.58E-09	2.39E-10	3.08E-09
720	SG_720	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.100	1.08E-08	1.81E-08	7.28E-08	4.97E-10	5.63E-12	3.13E-07	3.33E-09	1.04E-09	2.03E-17	5.40E-10	1.43E-12	1.01E-12	1.58E-11	9.85E-12	5.89E-11	9.33E-13	2.13E-11	2.91E-09	2.69E-10	3.46E-09
721	SG_721	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6369.100	1.22E-08	2.03E-08	8.11E-08	5.69E-10	6.34E-12	3.40E-07	3.75E-09	1.17E-09	2.29E-17	6.08E-10	1.61E-12	1.14E-12	1.78E-11	1.11E-11	6.64E-11	1.05E-12	2.40E-11	3.27E-09	3.03E-10	3.90E-09
722	SG_722	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6369.100	1.45E-08	2.44E-08	9.81E-08	7.13E-10	7.54E-12	3.98E-07	4.45E-09	1.39E-09	2.72E-17	7.22E-10	1.92E-12	1.35E-12	2.12E-11	1.32E-11	7.89E-11	1.25E-12	2.85E-11	3.89E-09	3.60E-10	4.63E-09
723	SG_723	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6369.100	1.78E-08	3.09E-08	1.26E-07	9.66E-10	9.39E-12	4.86E-07	5.55E-09	1.73E-09	3.39E-17	9.00E-10	2.39E-12	1.69E-12	2.64E-11	1.64E-11	9.83E-11	1.56E-12	3.55E-11	4.85E-09	4.48E-10	5.77E-09
724	SG_724	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6369.100	2.25E-08	4.02E-08	1.65E-07	1.36E-09	1.20E-11	6.10E-07	7.09E-09	2.21E-09	4.33E-17	1.15E-09	3.05E-12	2.15E-12	3.37E-11	2.10E-11	1.25E-10	1.99E-12	4.53E-11	6.19E-09	5.72E-10	7.37E-09
725	SG_725	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6369.100	2.69E-08	4.89E-08	2.00E-07	1.81E-09	1.45E-11	7.16E-07	8.56E-09	2.67E-09	5.23E-17	1.39E-09	3.68E-12	2.59E-12	4.07E-11	2.53E-11	1.52E-10	2.40E-12	5.47E-11	7.47E-09	6.92E-10	8.91E-09
745	SG_745	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.300	6.17E-09	1.14E-08	5.08E-08	3.21E-10	3.31E-12	2.11E-07	1.96E-09	6.11E-10	1.20E-17	3.17E-10	8.40E-13	5.89E-13	9.29E-12	5.78E-12	3.47E-11	5.48E-13	1.25E-11	1.71E-09	1.58E-10	2.04E-09
746	SG_746	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.300	6.70E-09	1.21E-08	5.32E-08	3.33E-10	3.58E-12	2.12E-07	2.12E-09	6.61E-10	1.29E-17	3.44E-10	9.10E-13	6.39E-13	1.01E-11	6.26E-12	3.75E-11	5.94E-13	1.35E-11	1.85E-09	1.71E-10	2.20E-09
747	SG_747	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.300	7.33E-09	1.31E-08	5.65E-08	3.53E-10	3.91E-12	2.22E-07	2.31E-09	7.21E-10	1.41E-17	3.75E-10	9.93E-13	6.97E-13	1.10E-11	6.83E-12	4.09E-11	6.47E-13	1.48E-11	2.02E-09	1.87E-10	2.40E-09
748	SG_748	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.300	7.96E-09	1.41E-08	5.95E-08	3.73E-10	4.23E-12	2.31E-07	2.50E-09	7.81E-10	1.53E-17	4.06E-10	1.08E-12	7.57E-13	1.19E-11	7.40E-12	4.43E-11	7.01E-13	1.60E-11	2.18E-09	2.02E-10	2.60E-09
749	SG_749	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.300	8.85E-09	1.55E-08	6.51E-08	4.09E-10	4.70E-12	2.52E-07	2.78E-09	8.66E-10	1.70E-17	4.50E-10	1.19E-12	8.40E-13	1.32E-11	8.21E-12	4.91E-11	7.78E-13	1.77E-11	2.42E-09	2.24E-10	2.89E-09
750	SG_750	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.300	9.69E-09	1.68E-08	6.95E-08	4.40E-10	5.12E-12	2.63E-07	3.03E-09	9.44E-10	1.85E-17	4.91E-10	1.30E-12	9.17E-13	1.44E-11	8.95E-12	5.36E-11	8.48E-13	1.93E-11	2.64E-09	2.44E-10	3.15E-09
751	SG_751	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.300	1.08E-08	1.85E-08	7.64E-08	4.93E-10	5.67E-12	2.91E-07	3.35E-09	1.05E-09	2.05E-17	5.44E-10	1.44E-12	1.02E-12	1.59E-11	9.92E-12	5.94E-11	9.40E-13	2.14E-11	2.93E-09	2.71E-10	3.49E-09
752	SG_752	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6369.300	1.21E-08	2.04E-08	8.38E-08	5.63E-10	6.27E-12	3.26E-07	3.71E-09	1.16E-09	2.26E-17	6.01E-10	1.60E-12	1.12E-12	1.76E-11	1.10E-11	6.56E-11	1.04E-12	2.37E-11	3.24E-09	2.99E-10	3.86E-09
753	SG_753	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6369.300	1.40E-08	2.35E-08	9.76E-08	6.94E-10	7.22E-12	3.94E-07	4.27E-09	1.33E-09	2.61E-17	6.92E-10	1.84E-12	1.30E-12	2.03E-11	1.26E-11	7.56E-11	1.20E-12	2.73E-11	3.73E-09	3.45E-10	4.44E-09
754	SG_754	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6369.300	1.67E-08	2.83E-08	1.18E-07	9.05E-10	8.59E-12	4.78E-07	5.08E-09	1.58E-09	3.10E-17	8.23E-10	2.19E-12	1.54E-12	2.41E-11	1.50E-11	8.99E-11	1.42E-12	3.25E-11	4.43E-09	4.10E-10	5.28E-09
755	SG_755	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6369.300	1.98E-08	3.43E-08	1.44E-07	1.20E-09	1.03E-11	5.56E-07	6.09E-09	1.90E-09	3.72E-17	9.88E-10	2.62E-12	1.85E-12	2.89E-11	1.80E-11	1.08E-10	1.71E-12	3.89E-11	5.32E-09	4.92E-10	6.34E-09
756	SG_756	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6369.300	2.29E-08	4.08E-08	1.69E-07	1.53E-09	1.21E-11	6.21E-07	7.16E-09	2.24E-09	4.37E-17	1.16E-09	3.08E-12	2.17E-12	3.40E-11	2.12E-11	1.27E-10	2.01E-12	4.58E-11	6.25E-09	5.79E-10	7.45E-09
757	SG_757	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.300	2.47E-08	4.45E-08	1.82E-07	1.80E-09	1.32E-11	6.45E-07	7.80E-09	2.43E-09	4.76E-17	1.26E-09	3.35E-12	2.35E-12	3.70E-11	2.31E-11	1.38E-10	2.19E-12	4.99E-11	6.81E-09	6.30E-10	8.11E-09
776	SG_776	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.500	6.39E-09	1.18E-08	5.33E-08	3.21E-10	3.44E-12	1.98E-07	2.04E-09	6.36E-10	1.24E-17	3.30E-10	8.74E-13	6.13E-13	9.67E-12	6.02E-12	3.61E-11	5.71E-13	1.30E-11	1.78E-09	1.65E-10	2.12E-09
777	SG_777	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.500	6.96E-09	1.28E-08	5.65E-08	3.38E-10	3.75E-12	2.00E-07	2.22E-09	6.92E-10	1.35E-17	3.59E-10	9.52E-13	6.68E-13	1.05E-11	6.55E-12	3.92E-11	6.21E-13	1.42E-11	1.93E-09	1.79E-10	2.31E-09
778	SG_778	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.500	7.45E-09	1.35E-08	5.85E-08	3.51E-10	4.01E-12	2.03E-07	2.37E-09	7.39E-10	1.45E-17	3.84E-10	1.02E-12	7.15E-13	1.12E-11	7.00E-12	4.19E-11	6.64E-13	1.51E-11	2.07E-09	1.91E-10	2.46E-09
779	SG_779	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.500	8.10E-09	1.46E-08	6.23E-08	3.75E-10	4.35E-12	2.14E-07	2.57E-09	8.02E-10	1.57E-17	4.17E-10	1.11E-12	7.77E-13	1.22E-11	7.60E-12	4.55E-11	7.20E-13	1.64E-11	2.24E-09	2.08E-10	2.67E-09
780	SG_780	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.500	8.93E-09	1.60E-08	6.81E-08	4.10E-10	4.79E-12	2.31E-07	2.83E-09	8.83E-10	1.73E-17	4.59E-10	1.22E-12	8.56E-13	1.34E-11	8.37E-12	5.01E-11	7.93E-13	1.81E-11	2.47E-09	2.29E-10	2.94E-09
781	SG_781	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.500	9.86E-09	1.76E-08	7.46E-08	4.52E-10	5.27E-12	2.50E-07	3.11E-09	9.71E-10	1.90E-17	5.05E-10	1.34E-12	9.43E-13	1.48E-11	9.20E-12	5.51E-11	8.72E-13	1.99E-11	2.72E-09	2.51E-10	3.24E-09
782	SG_782	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.500	1.10E-08	1.96E-08	8.34E-08	5.15E-10	5.86E-12	2.83E-07	3.47E-09	1.08E-09	2.12E-17	5.62E-10	1.49E-12	1.05E-12	1.65E-11	1.02E-11	6.13E-11	9.71E-13	2.21E-11	3.02E-09	2.80E-10	3.60E-09
783	SG_783	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6369.500	1.22E-08	2.13E-08	9.06E-08	5.88E-10	6.41E-12	3.20E-07	3.79E-09	1.18E-09	2.31E-17	6.14E-10	1.63E-12	1.15E-12	1.80E-11	1.12E-11	6.70E-11	1.06E-12	2.42E-11	3.30E-09	3.06E-10	3.94E-09
784	SG_784	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6369.500	1.38E-08	2.36E-08	1.01E-07	7.02E-10	7.12E-12	3.81E-07	4.21E-09	1.31E-09	2.57E-17	6.82E-10	1.81E-12	1.28E-12	2.00E-11	1.24E-11	7.45E-11	1.18E-12	2.69E-11	3.67E-09	3.40E-10	4.38E-09
785	SG_785	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6369.500	1.56E-08	2.61E-08	1.11E-07	8.53E-10	7.92E-12	4.50E-07	4.68E-09	1.46E-09	2.86E-17	7.59E-10	2.01E-12	1.42E-12	2.22E-11	1.38E-11	8.29E-11	1.31E-12	2.99E-11	4.09E-09	3.78E-10	4.87E-09
786	SG_786	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6369.500	1.75E-08	2.92E-08	1.24E-07	1.05E-09	8.86E-12	5.11E-07	5.24E-09	1.64E-09	3.20E-17	8.49E-10	2.25E-12	1.59E-12	2.49E-11	1.55E-11	9.27E-11	1.47E-12	3.35E-11	4.57E-09	4.23E-10	5.45E-09
787	SG_787	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6369.500	1.92E-08	3.26E-08	1.36E-07	1.26E-09	9.83E-12	5.37E-07	5.82E-09	1.81E-09	3.55E-17	9.43E-10	2.50E-12	1.76E-12	2.76E-11	1.72E-11	1.03E-10	1.63E-12	3.72E-11	5.08E-09	4.70E-10	6.05E-09
788	SG_788	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.500	2.00E-08	3.51E-08	1.44E-07	1.43E-09	1.05E-11	5.28E-07	6.21E-09	1.94E-09	3.79E-17	1.01E-09	2.67E-12	1.87E-12	2.95E-11	1.83E-11	1.10E-10	1.74E-12	3.97E-11	5.42E-09	5.01E-10	6.45E-09
807	SG_807	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.700	6.45E-09	1.20E-08	5.42E-08	3.21E-10	3.49E-12	1.89E-07	2.06E-09	6.44E-10	1.26E-17	3.35E-10	8.86E-13	6.22E-13	9.80E-12	6.10E-12	3.65E-11	5.78E-13	1.32E-11	1.80E-09	1.67E-10	2.15E-09
808	SG_808	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.700	6.84E-09	1.26E-08	5.54E-08	3.26E-10	3.69E-12	1.81E-07	2.18E-09	6.81E-10	1.33E-17	3.54E-10	9.38E-13	6.59E-13	1.04E-11	6.45E-12	3.87E-11	6.12E-13	1.40E-11	1.91E-09	1.76E-10	2.27E-09
809	SG_809	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.700	7.37E-09	1.35E-08	5.84E-08	3.44E-10	3.98E-12	1.86E-07	2.35E-09	7.34E-10	1.44E-17	3.81E-10	1.01E-12	7.11E-13	1.12E-11	6.96E-12	4.16E-11	6.59E-13	1.50E-11	2.05E-09	1.90E-10	2.45E-09
810	SG_810	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.700	7.97E-09	1.45E-08	6.21E-08	3.67E-10	4.30E-12	1.94E-07	2.54E-09	7.93E-10	1.55E-17	4.12E-10	1.09E-12	7.68E-13	1.21E-11	7.51E-12	4.50E-11	7.12E-13	1.62E-11	2.22E-09	2.05E-10	2.64E-09
811	SG_811	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.700	8.71E-09	1.58E-08	6.74E-08	4.00E-10	4.69E-12	2.07E-07	2.77E-09	8.65E-10	1.69E-17	4.49E-10	1.19E-12	8.39E-13	1.32E-11	8.19E-12	4.90E-11	7.77E-13	1.77E-11	2.42E-09	2.24E-10	2.88E-09
812	SG_812	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.700	9.82E-09	1.78E-08	7.69E-08	4.58E-10	5.27E-12	2.37E-07	3.12E-09	9.73E-10	1.90E-17	5.05E-10	1.34E-12	9.44E-13	1.48E-11	9.22E-12	5.52E-11	8.74E-13	1.99E-11	2.72E-09	2.52E-10	3.24E-09
813	SG_813	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.700	1.09E-08	1.98E-08	8.59E-08	5.25E-10	5.84E-12	2.70E-07	3.45E-09	1.08E-09	2.11E-17	5.60E-10	1.49E-12	1.05E-12	1.64E-11	1.02E-11	6.11E-11	9.68E-13	2.21E-11	3.01E-09	2.79E-10	3.59E-09
819	SG_819	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.700	1.65E-08	2.81E-08	1.16E-07	1.16E-09	8.48E-12	4.47E-07	5.01E-09	1.56E-09	3.06E-17	8.13E-10	2.15E-12	1.51E-12	2.38E-11	1.48E-11	8.88E-11	1.41E-12	3.21E-11	4.38E-09	4.05E-10	5.22E-09
820	SG_820	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6369.700	1.64E-08	2.91E-08	1.20E-07	1.21E-09	8.66E-12	4.18E-07	5.12E-09	1.60E-09	3.13E-17	8.31E-10	2.20E-12	1.54E-12	2.43E-11	1.51E-11	9.07E-11	1.44E-12	3.28E-11	4.47E-09	4.14E-10	5.33E-09
850	SG_850	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.900	1.39E-08	2.31E-08	9.67E-08	9.62E-10	7.03E-12	3.80E-07	4.16E-09	1.30E-09	2.54E-17	6.75E-10	1.79E-12	1.25E-12	1.98E-11	1.23E-11	7.37E-11	1.17E-12	2.66E-11	3.63E-09	3.36E-10	4.33E-09
851	SG_851	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6369.900	1.37E-08	2.42E-08	1.01E-07	9.99E-10	7.21E-12	3.52E-07	4.27E-09	1.33E-09	2.60E-17	6.92E-10	1.83E-12	1.28E-12	2.03E-11	1.26E-11	7.55E-11	1.20E-12	2.73E-11	3.72E-09	3.45E-10	4.44E-09
881	SG_881	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6370.100	1.22E-08	2.04E-08	8.63E-08	8.41E-10	6.16E-12	3.35E-07	3.65E-09	1.14E-09	2.23E-17	5.91E-10	1.57E-12	1.10E-12	1.73E-11	1.08E-11	6.46E-11	1.02E-12	2.33E-11	3.18E-09	2.95E-10	3.79E-09
882	SG_882	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6370.100	1.18E-08	2.08E-08	8.74E-08	8.50E-10	6.19E-12	3.01E-07	3.66E-09	1.14E-09	2.24E-17	5.94E-10	1.57E-12	1.10E-12	1.74E-11	1.08E-11	6.48E-11	1.03E-12	2.34E-11	3.20E-09	2.96E-10	3.81E-09
883	SG_883	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6370.100	1.11E-08	2.01E-08	8.32E-08	8.07E-10	5.93E-12	2.63E-07	3.51E-09	1.09E-09	2.14E-17	5.69E-10	1.51E-12	1.05E-12	1.67E-11	1.04E-11	6.21E-11	9.83E-13	2.24E-11	3.06E-09	2.83E-10	3.65E-09
884	SG_884	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6370.100	1.02E-08	1.86E-08	7.66E-08	7.36E-10	5.51E-12	2.31E-07	3.26E-09	1.02E-09	1.99E-17	5.29E-10	1.40E-12	9.81E-13	1.55E-11	9.63E-12	5.77E-11	9.14E-13	2.08E-11	2.85E-09	2.63E-10	3.39E-09
911	SG_911	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6370.300	1.12E-08	1.80E-08	7.78E-08	7.36E-10	5.49E-12	3.10E-07	3.25E-09	1.01E-09	1.98E-17	5.26E-10	1.39E-12	9.78E-13	1.54E-11	9.59E-12	5.74E-11	9.09E-13	2.07E-11	2.83E-09	2.62E-10	3.38E-09
912	SG_912	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6370.300	1.09E-08	1.85E-08	7.93E-08	7.59E-10	5.55E-12	2.90E-07	3.28E-09	1.02E-09	2.00E-17	5.32E-10	1.41E-12	9.89E-13	1.56E-11	9.70E-12	5.81E-11	9.20E-13	2.10E-11	2.87E-09	2.65E-10	3.42E-09
913	SG_913	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6370.300	1.05E-08	1.86E-08	7.88E-08	7.51E-10	5.49E-12	2.61E-07	3.25E-09	1.01E-09	1.98E-17	5.27E-10	1.40E-12	9.78E-13	1.54E-11	9.61E-12	5.76E-11	9.11E-13	2.08E-11	2.84E-09	2.63E-10	3.38E-09
914	SG_914	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6370.300	9.66E-09	1.75E-08	7.30E-08	6.99E-10	5.16E-12	2.25E-07	3.05E-09	9.53E-10	1.86E-17	4.95E-10	1.31E-12	9.18E-13	1.45E-11	9.02E-12	5.40E-11	8.55E-13	1.95E-11	2.66E-09	2.47E-10	3.18E-09
915	SG_915	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6370.300	8.93E-09	1.63E-08	6.74E-08	6.39E-10	4.81E-12	1.99E-07	2.84E-09	8.87E-10	1.74E-17	4.61E-10	1.22E-12	8.56E-13	1.35E-11	8.40E-12	5.03E-11	7.97E-13	1.82E-11	2.48E-09	2.30E-10	2.96E-09
916	SG_916	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6370.300	8.34E-09	1.53E-08	6.33E-08	5.91E-10	4.51E-12	1.85E-07	2.67E-09	8.33E-10	1.63E-17	4.33E-10	1.15E-12	8.03E-13	1.27E-11	7.88E-12	4.72E-11	7.48E-13	1.71E-11	2.33E-09	2.16E-10	2.78E-09
941	SG_941	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6370.500	1.07E-08	1.81E-08	7.99E-08	6.98E-10	5.35E-12	2.90E-07	3.17E-09	9.88E-10	1.93E-17	5.13E-10	1.36E-12	9.55E-13	1.50E-11	9.36E-12	5.61E-11	8.87E-13	2.02E-11	2.76E-09	2.56E-10	3.29E-09
942	SG_942	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6370.500	1.04E-08	1.76E-08	7.66E-08	7.09E-10	5.23E-12	2.75E-07	3.09E-09	9.65E-10	1.89E-17	5.01E-10	1.33E-12	9.32E-13	1.47E-11	9.14E-12	5.47E-11	8.66E-13	1.98E-11	2.70E-09	2.50E-10	3.22E-09
943	SG_943	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6370.500	9.90E-09	1.73E-08	7.45E-08	7.04E-10	5.11E-12	2.51E-07	3.02E-09	9.44E-10	1.85E-17	4.90E-10	1.30E-12	9.10E-13	1.44E-11	8.93E-12	5.35E-11	8.47E-13	1.93E-11	2.64E-09	2.44E-10	3.15E-09
944	SG_944	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6370.500	9.33E-09	1.68E-08	7.15E-08	6.76E-10	4.93E-12	2.26E-07	2.92E-09	9.10E-10	1.78E-17	4.73E-10	1.25E-12	8.76E-13	1.38E-11	8.61E-12	5.16E-11	8.17E-13	1.86E-11	2.54E-09	2.35E-10	3.03E-09
945	SG_945	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6370.500	8.55E-09	1.56E-08	6.54E-08	6.19E-10	4.57E-12	1.95E-07	2.71E-09	8.44E-10	1.65E-17	4.38E-10	1.16E-12	8.13E-13	1.28E-11	7.99E-12	4.79E-11	7.58E-13	1.73E-11	2.36E-09	2.18E-10	2.81E-09
946	SG_946	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6370.500	7.88E-09	1.44E-08	6.01E-08	5.64E-10	4.25E-12	1.74E-07	2.51E-09	7.84E-10	1.53E-17	4.07E-10	1.08E-12	7.56E-13	1.19E-11	7.42E-12	4.45E-11	7.04E-13	1.61E-11	2.19E-09	2.03E-10	2.61E-09
947	SG_947	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6370.500	7.36E-09	1.35E-08	5.62E-08	5.22E-10	3.98E-12	1.60E-07	2.35E-09	7.35E-10	1.44E-17	3.82E-10	1.01E-12	7.09E-13	1.12E-11	6.96E-12	4.17E-11	6.60E-13	1.51E-11	2.06E-09	1.90E-10	2.45E-09

AQIA DATA - SCENARIO 1 RECREATIONAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.69E-08**	**4.89E-08**	**2.00E-07**	**4.15E-09**	**1.45E-11**	**2.06E-06**	**8.56E-09**	**2.67E-09**	**5.23E-17**	**1.39E-09**	**3.68E-12**	**2.59E-12**	**4.07E-11**	**2.53E-11**	**1.52E-10**	**2.40E-12**	**5.47E-11**	**7.47E-09**	**6.92E-10**	**8.91E-09**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**SG_725**	**SG_725**	**SG_725**	**NG_783**	**SG_725**	**NG_783**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**378.900**	**378.900**	**378.900**	**378.814**	**378.900**	**378.814**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**
						Y	**6369.100**	**6369.100**	**6369.100**	**6367.557**	**6369.100**	**6367.557**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**
948	SG_948	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6370.500	7.19E-09	1.33E-08	5.59E-08	5.08E-10	3.89E-12	1.61E-07	2.30E-09	7.19E-10	1.41E-17	3.74E-10	9.89E-13	6.94E-13	1.09E-11	6.81E-12	4.08E-11	6.46E-13	1.47E-11	2.01E-09	1.86E-10	2.40E-09
958	SG_958	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6370.500	6.34E-09	1.25E-08	5.63E-08	4.32E-10	3.44E-12	1.39E-07	2.03E-09	6.35E-10	1.24E-17	3.30E-10	8.75E-13	6.15E-13	9.66E-12	6.02E-12	3.60E-11	5.70E-13	1.30E-11	1.78E-09	1.64E-10	2.12E-09
959	SG_959	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6370.500	5.94E-09	1.17E-08	5.29E-08	4.05E-10	3.22E-12	1.29E-07	1.91E-09	5.95E-10	1.16E-17	3.09E-10	8.20E-13	5.77E-13	9.05E-12	5.64E-12	3.37E-11	5.34E-13	1.22E-11	1.66E-09	1.54E-10	1.98E-09
960	SG_960	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6370.500	5.68E-09	1.12E-08	5.09E-08	3.85E-10	3.08E-12	1.23E-07	1.82E-09	5.69E-10	1.11E-17	2.95E-10	7.84E-13	5.52E-13	8.65E-12	5.39E-12	3.23E-11	5.11E-13	1.16E-11	1.59E-09	1.47E-10	1.90E-09
961	SG_961	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6370.500	5.47E-09	1.08E-08	4.95E-08	3.69E-10	2.97E-12	1.19E-07	1.76E-09	5.48E-10	1.07E-17	2.85E-10	7.55E-13	5.32E-13	8.34E-12	5.19E-12	3.11E-11	4.92E-13	1.12E-11	1.53E-09	1.42E-10	1.83E-09
962	SR_1	Sensitive Receptor	Recreational	Offsite	378.382	6370.479	1.08E-08	1.88E-08	8.55E-08	6.53E-10	5.51E-12	2.99E-07	3.26E-09	1.02E-09	1.99E-17	5.28E-10	1.40E-12	9.83E-13	1.55E-11	9.63E-12	5.77E-11	9.13E-13	2.08E-11	2.84E-09	2.63E-10	3.39E-09
963	SR_2	Sensitive Receptor	Recreational	Offsite	378.782	6370.266	1.16E-08	1.85E-08	8.02E-08	7.32E-10	5.62E-12	3.27E-07	3.33E-09	1.04E-09	2.03E-17	5.39E-10	1.43E-12	1.00E-12	1.58E-11	9.83E-12	5.89E-11	9.32E-13	2.13E-11	2.90E-09	2.69E-10	3.46E-09
964	SR_3	Sensitive Receptor	Recreational	Offsite	378.972	6369.893	1.41E-08	2.25E-08	9.48E-08	9.29E-10	6.94E-12	4.02E-07	4.11E-09	1.28E-09	2.51E-17	6.66E-10	1.76E-12	1.24E-12	1.95E-11	1.21E-11	7.27E-11	1.15E-12	2.63E-11	3.59E-09	3.32E-10	4.27E-09
965	SR_4	Sensitive Receptor	Recreational	Offsite	378.815	6369.579	1.76E-08	2.89E-08	1.22E-07	1.10E-09	8.79E-12	5.08E-07	5.20E-09	1.62E-09	3.17E-17	8.43E-10	2.24E-12	1.57E-12	2.47E-11	1.54E-11	9.20E-11	1.46E-12	3.32E-11	4.54E-09	4.20E-10	5.41E-09
966	SR_5	Sensitive Receptor	Recreational	Offsite	378.619	6369.367	1.78E-08	3.03E-08	1.27E-07	1.03E-09	9.16E-12	5.13E-07	5.41E-09	1.69E-09	3.30E-17	8.78E-10	2.33E-12	1.64E-12	2.57E-11	1.60E-11	9.58E-11	1.52E-12	3.46E-11	4.72E-09	4.37E-10	5.63E-09
967	SR_6	Sensitive Receptor	Recreational	Offsite	378.352	6369.171	1.50E-08	2.52E-08	1.03E-07	7.53E-10	7.77E-12	4.16E-07	4.59E-09	1.43E-09	2.80E-17	7.45E-10	1.98E-12	1.39E-12	2.18E-11	1.36E-11	8.13E-11	1.29E-12	2.94E-11	4.01E-09	3.71E-10	4.78E-09
968	SR_7	Sensitive Receptor	Recreational	Offsite	378.046	6369.006	1.19E-08	1.99E-08	7.89E-08	5.63E-10	6.23E-12	3.40E-07	3.68E-09	1.15E-09	2.25E-17	5.97E-10	1.58E-12	1.12E-12	1.75E-11	1.09E-11	6.52E-11	1.03E-12	2.35E-11	3.21E-09	2.97E-10	3.83E-09
969	SR_8	Sensitive Receptor	Recreational	Offsite	377.732	6368.896	1.01E-08	1.69E-08	6.79E-08	4.87E-10	5.24E-12	3.24E-07	3.10E-09	9.67E-10	1.89E-17	5.02E-10	1.33E-12	9.38E-13	1.47E-11	9.16E-12	5.48E-11	8.68E-13	1.98E-11	2.70E-09	2.50E-10	3.22E-09
970	SR_9	Sensitive Receptor	Recreational	Offsite	377.425	6368.786	7.98E-09	1.30E-08	5.27E-08	4.09E-10	4.05E-12	3.06E-07	2.40E-09	7.48E-10	1.46E-17	3.89E-10	1.03E-12	7.25E-13	1.14E-11	7.09E-12	4.24E-11	6.72E-13	1.53E-11	2.09E-09	1.94E-10	2.49E-09
971	SR_10	Sensitive Receptor	Recreational	Offsite	377.064	6368.660	5.53E-09	8.66E-09	3.44E-08	3.22E-10	2.73E-12	2.66E-07	1.61E-09	5.04E-10	9.85E-18	2.62E-10	6.94E-13	4.88E-13	7.66E-12	4.77E-12	2.86E-11	4.52E-13	1.03E-11	1.41E-09	1.30E-10	1.68E-09
972	SR_11	Sensitive Receptor	Recreational	Offsite	376.781	6368.472	4.12E-09	6.35E-09	2.52E-08	2.77E-10	1.99E-12	2.40E-07	1.18E-09	3.67E-10	7.19E-18	1.91E-10	5.06E-13	3.56E-13	5.59E-12	3.48E-12	2.08E-11	3.30E-13	7.52E-12	1.03E-09	9.51E-11	1.22E-09
973	SR_12	Sensitive Receptor	Recreational	Offsite	376.648	6368.197	3.47E-09	5.22E-09	2.06E-08	2.60E-10	1.63E-12	2.27E-07	9.65E-10	3.01E-10	5.89E-18	1.57E-10	4.15E-13	2.92E-13	4.58E-12	2.85E-12	1.71E-11	2.71E-13	6.17E-12	8.43E-10	7.80E-11	1.00E-09
974	SR_13	Sensitive Receptor	Recreational	Offsite	376.719	6367.859	3.29E-09	4.88E-09	1.90E-08	2.74E-10	1.53E-12	2.27E-07	9.03E-10	2.82E-10	5.51E-18	1.46E-10	3.88E-13	2.74E-13	4.29E-12	2.67E-12	1.60E-11	2.53E-13	5.77E-12	7.88E-10	7.29E-11	9.39E-10
975	SR_14	Sensitive Receptor	Recreational	Offsite	376.883	6367.624	3.54E-09	5.12E-09	1.97E-08	3.21E-10	1.61E-12	2.57E-07	9.51E-10	2.97E-10	5.80E-18	1.54E-10	4.09E-13	2.88E-13	4.51E-12	2.81E-12	1.68E-11	2.66E-13	6.07E-12	8.30E-10	7.68E-11	9.89E-10
976	SR_15	Sensitive Receptor	Recreational	Offsite	377.135	6367.428	4.06E-09	5.75E-09	2.19E-08	3.99E-10	1.81E-12	3.12E-07	1.07E-09	3.33E-10	6.52E-18	1.73E-10	4.60E-13	3.24E-13	5.07E-12	3.16E-12	1.89E-11	3.00E-13	6.83E-12	9.33E-10	8.63E-11	1.11E-09
977	SR_16	Sensitive Receptor	Recreational	Offsite	377.402	6367.239	4.70E-09	6.19E-09	2.35E-08	4.80E-10	1.99E-12	3.73E-07	1.18E-09	3.67E-10	7.17E-18	1.91E-10	5.06E-13	3.57E-13	5.58E-12	3.48E-12	2.08E-11	3.29E-13	7.51E-12	1.03E-09	9.49E-11	1.22E-09
978	SR_17	Sensitive Receptor	Recreational	Offsite	377.622	6367.058	5.39E-09	5.86E-09	2.19E-08	5.26E-10	2.04E-12	4.00E-07	1.20E-09	3.75E-10	7.35E-18	1.95E-10	5.19E-13	3.66E-13	5.71E-12	3.56E-12	2.13E-11	3.37E-13	7.69E-12	1.05E-09	9.72E-11	1.25E-09
979	SR_18	Sensitive Receptor	Recreational	Offsite	377.849	6366.846	7.08E-09	5.95E-09	2.27E-08	5.50E-10	2.33E-12	4.74E-07	1.38E-09	4.30E-10	8.41E-18	2.23E-10	5.95E-13	4.23E-13	6.54E-12	4.08E-12	2.44E-11	3.86E-13	8.79E-12	1.20E-09	1.11E-10	1.43E-09
980	SR_19	Sensitive Receptor	Recreational	Offsite	378.101	6366.642	8.33E-09	7.55E-09	3.05E-08	5.68E-10	2.84E-12	5.82E-07	1.67E-09	5.22E-10	1.02E-17	2.72E-10	7.26E-13	5.19E-13	7.95E-12	4.96E-12	2.96E-11	4.70E-13	1.07E-11	1.46E-09	1.35E-10	1.74E-09
981	SR_20	Sensitive Receptor	Recreational	Offsite	378.376	6366.477	7.22E-09	7.52E-09	3.07E-08	4.95E-10	2.66E-12	5.67E-07	1.57E-09	4.89E-10	9.57E-18	2.54E-10	6.80E-13	4.86E-13	7.45E-12	4.65E-12	2.77E-11	4.40E-13	1.00E-11	1.37E-09	1.27E-10	1.63E-09
982	SR_21	Sensitive Receptor	Recreational	Offsite	378.713	6366.399	5.46E-09	6.51E-09	2.62E-08	3.87E-10	2.19E-12	4.68E-07	1.29E-09	4.02E-10	7.87E-18	2.09E-10	5.58E-13	3.99E-13	6.12E-12	3.82E-12	2.28E-11	3.62E-13	8.23E-12	1.12E-09	1.04E-10	1.34E-09
983	SR_22	Sensitive Receptor	Recreational	Offsite	379.059	6366.469	5.07E-09	6.67E-09	2.62E-08	3.59E-10	2.16E-12	4.29E-07	1.27E-09	3.97E-10	7.77E-18	2.07E-10	5.51E-13	3.92E-13	6.05E-12	3.77E-12	2.25E-11	3.57E-13	8.13E-12	1.11E-09	1.03E-10	1.32E-09
984	SR_23	Sensitive Receptor	Recreational	Offsite	379.373	6366.532	4.60E-09	6.81E-09	2.64E-08	3.34E-10	2.11E-12	3.91E-07	1.25E-09	3.89E-10	7.62E-18	2.02E-10	5.38E-13	3.80E-13	5.93E-12	3.69E-12	2.21E-11	3.50E-13	7.97E-12	1.09E-09	1.01E-10	1.30E-09
985	SR_24	Sensitive Receptor	Recreational	Offsite	379.648	6366.477	4.80E-09	7.06E-09	2.78E-08	3.41E-10	2.19E-12	4.08E-07	1.29E-09	4.04E-10	7.90E-18	2.10E-10	5.55E-13	3.90E-13	6.14E-12	3.82E-12	2.29E-11	3.63E-13	8.27E-12	1.13E-09	1.05E-10	1.35E-09
986	SR_25	Sensitive Receptor	Recreational	Offsite	379.930	6366.391	6.01E-09	9.03E-09	3.66E-08	4.35E-10	2.75E-12	5.06E-07	1.63E-09	5.08E-10	9.94E-18	2.64E-10	6.97E-13	4.87E-13	7.72E-12	4.80E-12	2.88E-11	4.56E-13	1.04E-11	1.42E-09	1.31E-10	1.69E-09
987	SR_26	Sensitive Receptor	Recreational	Offsite	380.221	6366.289	7.44E-09	9.83E-09	4.02E-08	5.40E-10	3.13E-12	5.57E-07	1.86E-09	5.79E-10	1.13E-17	3.01E-10	7.93E-13	5.52E-13	8.81E-12	5.47E-12	3.28E-11	5.19E-13	1.19E-11	1.62E-09	1.50E-10	1.93E-09
988	SR_27	Sensitive Receptor	Recreational	Offsite	380.512	6366.202	9.59E-09	1.14E-08	4.70E-08	7.53E-10	3.77E-12	6.35E-07	2.23E-09	6.97E-10	1.36E-17	3.62E-10	9.54E-13	6.64E-13	1.06E-11	6.58E-12	3.95E-11	6.25E-13	1.43E-11	1.95E-09	1.80E-10	2.32E-09
989	SR_28	Sensitive Receptor	Recreational	Offsite	380.810	6366.108	1.08E-08	1.35E-08	5.60E-08	9.20E-10	4.33E-12	6.85E-07	2.57E-09	8.02E-10	1.57E-17	4.16E-10	1.10E-12	7.65E-13	1.22E-11	7.58E-12	4.55E-11	7.19E-13	1.64E-11	2.24E-09	2.07E-10	2.67E-09
990	SR_29	Sensitive Receptor	Recreational	Offsite	381.108	6365.983	1.08E-08	1.47E-08	6.19E-08	8.91E-10	4.56E-12	6.49E-07	2.70E-09	8.42E-10	1.65E-17	4.37E-10	1.15E-12	8.05E-13	1.28E-11	7.97E-12	4.78E-11	7.56E-13	1.73E-11	2.36E-09	2.18E-10	2.81E-09
991	SR_30	Sensitive Receptor	Recreational	Offsite	381.367	6365.771	9.69E-09	1.50E-08	6.38E-08	7.87E-10	4.43E-12	5.54E-07	2.63E-09	8.19E-10	1.60E-17	4.25E-10	1.12E-12	7.83E-13	1.25E-11	7.75E-12	4.65E-11	7.35E-13	1.68E-11	2.29E-09	2.12E-10	2.73E-09
992	SR_31	Sensitive Receptor	Recreational	Offsite	381.470	6365.394	7.14E-09	1.15E-08	4.93E-08	5.41E-10	3.36E-12	3.81E-07	1.99E-09	6.21E-10	1.21E-17	3.22E-10	8.50E-13	5.92E-13	9.44E-12	5.87E-12	3.52E-11	5.57E-13	1.27E-11	1.74E-09	1.61E-10	2.07E-09
993	SR_32	Sensitive Receptor	Recreational	Offsite	381.564	6365.134	5.95E-09	9.18E-09	3.93E-08	4.25E-10	2.72E-12	2.97E-07	1.61E-09	5.03E-10	9.84E-18	2.61E-10	6.89E-13	4.79E-13	7.65E-12	4.75E-12	2.85E-11	4.51E-13	1.03E-11	1.41E-09	1.30E-10	1.68E-09
994	SR_33	Sensitive Receptor	Recreational	Offsite	381.713	6364.852	5.15E-09	7.66E-09	3.31E-08	3.53E-10	2.30E-12	2.45E-07	1.36E-09	4.25E-10	8.32E-18	2.21E-10	5.82E-13	4.05E-13	6.47E-12	4.02E-12	2.41E-11	3.81E-13	8.72E-12	1.19E-09	1.10E-10	1.42E-09
995	SR_34	Sensitive Receptor	Recreational	Offsite	382.051	6364.600	5.30E-09	8.09E-09	3.61E-08	3.62E-10	2.39E-12	2.40E-07	1.42E-09	4.43E-10	8.66E-18	2.30E-10	6.06E-13	4.22E-13	6.73E-12	4.18E-12	2.51E-11	3.97E-13	9.07E-12	1.24E-09	1.15E-10	1.47E-09
996	SR_35	Sensitive Receptor	Recreational	Offsite	377.700	6366.509	7.31E-09	4.95E-09	1.96E-08	4.72E-10	2.16E-12	4.41E-07	1.27E-09	3.97E-10	7.77E-18	2.07E-10	5.52E-13	3.95E-13	6.05E-12	3.78E-12	2.25E-11	3.57E-13	8.13E-12	1.11E-09	1.03E-10	1.32E-09
997	SR_36	Sensitive Receptor	Recreational	Offsite	377.606	6366.124	4.37E-09	6.46E-09	2.70E-08	3.93E-10	1.94E-12	3.48E-07	1.14E-09	3.57E-10	6.98E-18	1.86E-10	4.97E-13	3.56E-13	5.44E-12	3.40E-12	2.03E-11	3.21E-13	7.30E-12	9.99E-10	9.24E-11	1.19E-09
998	SR_37	Sensitive Receptor	Recreational	Offsite	377.465	6365.771	3.26E-09	5.35E-09	2.27E-08	2.93E-10	1.56E-12	2.58E-07	9.16E-10	2.86E-10	5.59E-18	1.49E-10	3.98E-13	2.85E-13	4.35E-12	2.72E-12	1.62E-11	2.57E-13	5.85E-12	7.99E-10	7.39E-11	9.53E-10
999	SR_38	Sensitive Receptor	Recreational	Offsite	377.527	6365.409	2.29E-09	3.93E-09	1.70E-08	1.97E-10	1.13E-12	1.80E-07	6.67E-10	2.08E-10	4.07E-18	1.08E-10	2.90E-13	2.07E-13	3.17E-12	1.98E-12	1.18E-11	1.87E-13	4.25E-12	5.82E-10	5.38E-11	6.93E-10
1000	SR_39	Sensitive Receptor	Recreational	Offsite	377.739	6365.150	1.98E-09	3.06E-09	1.32E-08	1.60E-10	9.19E-13	1.52E-07	5.42E-10	1.69E-10	3.31E-18	8.79E-11	2.35E-13	1.68E-13	2.57E-12	1.61E-12	9.58E-12	1.52E-13	3.46E-12	4.73E-10	4.37E-11	5.63E-10
1001	SR_40	Sensitive Receptor	Recreational	Offsite	377.959	6364.883	1.53E-09	2.41E-09	1.03E-08	1.20E-10	7.22E-13	1.06E-07	4.25E-10	1.33E-10	2.60E-18	6.90E-11	1.85E-13	1.32E-13	2.02E-12	1.26E-12	7.53E-12	1.19E-13	2.72E-12	3.71E-10	3.43E-11	4.42E-10
1002	SR_41	Sensitive Receptor	Recreational	Offsite	378.234	6364.553	1.23E-09	2.13E-09	9.20E-09	9.60E-11	6.18E-13	8.11E-08	3.64E-10	1.14E-10	2.22E-18	5.91E-11	1.58E-13	1.13E-13	1.73E-12	1.08E-12	6.44E-12	1.02E-13	2.32E-12	3.18E-10	2.94E-11	3.79E-10
1003	SR_42	Sensitive Receptor	Recreational	Offsite	377.951	6365.331	2.05E-09	3.15E-09	1.35E-08	1.61E-10	9.51E-13	1.55E-07	5.60E-10	1.75E-10	3.42E-18	9.09E-11	2.43E-13	1.74E-13	2.66E-12	1.66E-12	9.92E-12	1.57E-13	3.58E-12	4.89E-10	4.52E-11	5.83E-10
1004	SR_43	Sensitive Receptor	Recreational	Offsite	377.959	6366.344	6.77E-09	5.72E-09	2.38E-08	4.22E-10	2.22E-12	4.52E-07	1.31E-09	4.08E-10	7.97E-18	2.12E-10	5.67E-13	4.06E-13	6.21E-12	3.88E-12	2.31E-11	3.67E-13	8.34E-12	1.14E-09	1.05E-10	1.36E-09
1005	SR_44	Sensitive Receptor	Recreational	Offsite	377.975	6365.841	2.93E-09	5.10E-09	2.19E-08	2.51E-10	1.46E-12	2.53E-07	8.60E-10	2.68E-10	5.25E-18	1.40E-10	3.73E-13	2.67E-13	4.09E-12	2.55E-12	1.52E-11	2.41E-13	5.49E-12	7.51E-10	6.94E-11	8.94E-10
1006	SR_45	Sensitive Receptor	Recreational	Offsite	379.271	6366.934	1.07E-08	2.05E-08	7.87E-08	1.13E-09	5.77E-12	1.14E-06	3.41E-09	1.06E-09	2.08E-17	5.52E-10	1.47E-12	1.05E-12	1.62E-11	1.01E-11	6.03E-11	9.56E-13	2.18E-11	2.97E-09	2.75E-10	3.54E-09
1007	SR_46	Sensitive Receptor	Recreational	Offsite	379.247	6366.890	9.66E-09	1.84E-08	7.12E-08	9.75E-10	5.20E-12	1.01E-06	3.07E-09	9.56E-10	1.87E-17	4.97E-10	1.33E-12	9.42E-13	1.46E-11	9.08E-12	5.43E-11	8.60E-13	1.96E-11	2.68E-09	2.48E-10	3.19E-09
1008	SR_47	Sensitive Receptor	Recreational	Offsite	379.315	6366.905	9.65E-09	1.84E-08	7.06E-08	9.78E-10	5.20E-12	1.01E-06	3.07E-09	9.57E-10	1.87E-17	4.97E-10	1.32E-12	9.40E-13	1.46E-11	9.08E-12	5.43E-11	8.60E-13	1.96E-11	2.68E-09	2.48E-10	3.19E-09
1009	SR_48	Sensitive Receptor	Recreational	Offsite	379.288	6366.857	8.76E-09	1.66E-08	6.41E-08	8.48E-10	4.69E-12	9.00E-07	2.77E-09	8.64E-10	1.69E-17	4.49E-10	1.20E-12	8.50E-13	1.32E-11	8.20E-12	4.90E-11	7.77E-13	1.77E-11	2.42E-09	2.24E-10	2.88E-09
1010	SR_49	Sensitive Receptor	Recreational	Offsite	379.357	6366.872	8.72E-09	1.65E-08	6.34E-08	8.48E-10	4.68E-12	8.92E-07	2.76E-09	8.62E-10	1.69E-17	4.48E-10	1.19E-12	8.45E-13	1.31E-11	8.18E-12	4.89E-11	7.75E-13	1.76E-11	2.41E-09	2.23E-10	2.87E-09
1011	SR_50	Sensitive Receptor	Recreational	Offsite	379.321	6366.819	7.85E-09	1.47E-08	5.69E-08	7.30E-10	4.18E-12	7.88E-07	2.47E-09	7.70E-10	1.51E-17	4.00E-10	1.07E-12	7.56E-13	1.17E-11	7.31E-12	4.37E-11	6.92E-13	1.58E-11	2.15E-09	1.99E-10	2.57E-09
1305	NG_1	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.607	7.52E-09	1.14E-08	4.66E-08	6.25E-10	3.46E-12	7.12E-07	2.04E-09	6.35E-10	1.24E-17	3.30E-10	8.83E-13	6.31E-13	9.67E-12	6.04E-12	3.60E-11	5.72E-13	1.30E-11	1.78E-09	1.64E-10	2.12E-09
1306	NG_2	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.607	7.36E-09	1.13E-08	4.61E-08	6.13E-10	3.41E-12	7.02E-07	2.01E-09	6.27E-10	1.23E-17	3.26E-10	8.72E-13	6.23E-13	9.55E-12	5.96E-12	3.56E-11	5.64E-13	1.28E-11	1.75E-09	1.62E-10	2.09E-09
1307	NG_3	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.607	7.17E-09	1.11E-08	4.51E-08	5.97E-10	3.35E-12	6.85E-07	1.97E-09	6.15E-10	1.20E-17	3.20E-10	8.55E-13	6.11E-13	9.37E-12	5.85E-12	3.49E-11	5.54E-13	1.26E-11	1.72E-09	1.59E-10	2.05E-09
1308	NG_4	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.607	6.97E-09	1.09E-08	4.40E-08	5.78E-10	3.27E-12	6.64E-07	1.93E-09	6.01E-10	1.18E-17	3.12E-10	8.35E-13	5.96E-13	9.15E-12	5.71E-12	3.41E-11	5.40E-13	1.23E-11	1.68E-09	1.55E-10	2.00E-09
1309	NG_5	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.607	6.73E-09	1.05E-08	4.25E-08	5.56E-10	3.17E-12	6.37E-07	1.87E-09	5.83E-10	1.14E-17	3.03E-10	8.10E-13	5.78E-13	8.88E-12	5.54E-12	3.31E-11	5.25E-13	1.19E-11	1.63E-09	1.51E-10	1.94E-09
1310	NG_6	Nested Grid - 50m	Parks/ Recreation	Offsite	378.914	6366.607	6.50E-09	1.02E-08	4.09E-08	5.34E-10	3.07E-12	6.09E-07	1.81E-09	5.65E-10	1.11E-17	2.94E-10	7.85E-13	5.60E-13	8.61E-12	5.37E-12	3.21E-11	5.09E-13	1.16E-11	1.58E-09	1.46E-10	1.89E-09
1311	NG_7	Nested Grid - 50m	Parks/ Recreation	Offsite	378.964	6366.607	6.31E-09	9.96E-09	3.97E-08	5.15E-10	3.00E-12	5.87E-07	1.77E-09	5.51E-10	1.08E-17	2.87E-10	7.65E-13	5.46E-13	8.39E-12	5.24E-12	3.13E-11	4.96E-13	1.13E-11	1.54E-09	1.43E-10	1.84E-09
1312	NG_8	Nested Grid - 50m	Parks/ Recreation	Offsite	379.014	6366.607	6.14E-09	9.71E-09	3.85E-08	4.98E-10	2.92E-12	5.66E-07	1.72E-09	5.38E-10	1.05E-17	2.80E-10	7.46E-13	5.32E-13	8.19E-12	5.11E-12	3.05E-11	4.84E-13	1.10E-11	1.50E-09	1.39E-10	1.79E-09
1313	NG_9	Nested Grid - 50m	Parks/ Recreation	Offsite	379.064	6366.607	5.97E-09	9.49E-09	3.75E-08	4.81E-10	2.85E-12	5.46E-07	1.68E-09	5.25E-10	1.03E-17	2.73E-10	7.29E-13	5.19E-13	8.00E-12	4.99E-12	2.98E-11	4.72E-13	1.08E-11	1.47E-09	1.36E-10	1.75E-09
1314	NG_10	Nested Grid - 50m	Parks/ Recreation	Offsite	379.114	6366.607	5.79E-09	9.27E-09	3.65E-08	4.64E-10	2.79E-12	5.26E-07	1.64E-09	5.13E-10	1.00E-17	2.67E-10	7.11E-13	5.06E-13	7.80E-12	4.87E-12	2.91E-11	4.61E-13	1.05E-11	1.43E-09	1.33E-10	1.71E-09
1315	NG_11	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.607	5.64E-09	9.09E-09	3.57E-08	4.49E-10	2.73E-12	5.11E-07	1.61E-09	5.02E-10	9.81E-18	2.61E-10	6.95E-13	4.94E-13	7.64E-12	4.76E-12	2.85E-11	4.51E-13	1.03E-11	1.40E-09	1.30E-10	1.67E-09
1316	NG_12	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.607	5.49E-09	8.90E-09	3.49E-08	4.35E-10	2.66E-12	4.98E-07	1.57E-09	4.90E-10	9.60E-18	2.55E-10	6.80E-13	4.83E-13	7.47E-12	4.66E-12	2.78E-11	4.41E-13	1.00E-11	1.37E-09	1.27E-10	1.64E-09
1317	NG_13	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.607	5.34E-09	8.66E-09	3.39E-08	4.20E-10	2.59E-12	4.81E-07	1.53E-09	4.77E-10	9.34E-18	2.48E-10	6.61E-13	4.69E-13	7.26E-12	4.53E-12	2.71E-11	4.29E-13	9.77E-12	1.34E-09	1.24E-10	1.59E-09
1318	NG_14	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.607	5.19E-09	8.40E-09	3.28E-08	4.06E-10	2.52E-12	4.65E-07	1.49E-09	4.64E-10	9.07E-18	2.41E-10	6.42E-13	4.54E-13	7.06E-12	4.40E-12	2.63E-11	4.17E-13	9.50E-12	1.30E-09	1.20E-10	1.55E-09
1319	NG_15	Nested Grid - 50m	Parks/ Recreation	Offsite	379.364	6366.607	5.08E-09	8.20E-09	3.19E-08	3.95E-10	2.46E-12	4.53E-07	1.45E-09	4.53E-10	8.87E-18	2.36E-10	6.27E-13	4.43E-13	6.90E-12	4.30E-12	2.57E-11	4.07E-13	9.28E-12	1.27E-09	1.17E-10	1.51E-09
1320	NG_16	Nested Grid - 50m	Parks/ Recreation	Offsite	379.414	6366.607	5.02E-09	8.11E-09	3.15E-08	3.89E-10	2.43E-12	4.48E-07	1.44E-09	4.49E-10	8.78E-18	2.33E-10	6.19E-13	4.37E-13	6.83E-12	4.25E-12	2.54E-11	4.03E-13	9.19E-12	1.25E-09	1.16E-10	1.50E-09
1321	NG_17	Nested Grid - 50m	Parks/ Recreation	Offsite	379.464	6366.607	5.01E-09	8.13E-09	3.16E-08	3.88E-10	2.43E-12	4.49E-07	1.44E-09	4.49E-10	8.78E-18	2.33E-10	6.19E-13	4.36E-13	6.83E-12	4.25E-12	2.55E-11	4.03E-13	9.19E-12	1.26E-09	1.16E-10	1.50E-09
1322	NG_18	Nested Grid - 50m	Parks/ Recreation	Offsite	379.514	6366.607	5.08E-09	8.30E-09	3.23E-08	3.94E-10	2.48E-12	4.57E-07	1.46E-09	4.57E-10	8.94E-18	2.37E-10	6.30E-13	4.43E-13	6.95E-12	4.33E-12	2.59E-11	4.11E-13	9.36E-12	1.28E-09	1.18E-10	1.52E-09
1323	NG_19	Nested Grid - 50m	Parks/ Recreation	Offsite	379.564	6366.607	5.24E-09	8.63E-09	3.37E-08	4.08E-10	2.56E-12	4.74E-07	1.52E-09	4.73E-10	9.26E-18	2.46E-10	6.52E-13	4.57E-13	7.20E-12	4.48E-12	2.69E-11	4.25E-13	9.70E-12	1.32E-09	1.23E-10	1.58E-09
1324	NG_20	Nested Grid - 50m	Parks/ Recreation	Offsite	379.614	6366.607	5.55E-09	9.22E-09	3.62E-08	4.34E-10	2.72E-12	5.05E-07	1.61E-09	5.03E-10	9.84E-18	2.61E-10	6.92E-13	4.85E-13	7.65E-12	4.76E-12	2.85E-11	4.51E-13	1.03E-11	1.41E-09	1.30E-10	1.68E-09
1325	NG_21	Nested Grid - 50m	Parks/ Recreation	Offsite	379.664	6366.607	5.97E-09	1.00E-08	3.98E-08	4.71E-10	2.94E-12	5.49E-07	1.74E-09	5.44E-10	1.06E-17	2.82E-10	7.47E-13	5.23E-13	8.27E-12	5.15E-12	3.08E-11	4.88E-13	1.11E-11	1.52E-09	1.41E-10	1.81E-09
1326	NG_22	Nested Grid - 50m	Parks/ Recreation	Offsite	379.714	6366.607	6.50E-09	1.11E-08	4.43E-08	5.18E-10	3.22E-12	6.04E-07	1.91E-09	5.96E-10	1.17E-17	3.09E-10	8.18E-13	5.72E-13	9.06E-12	5.64E-12	3.38E-11	5.35E-13	1.22E-11	1.67E-09	1.54E-10	1.98E-09
1346	NG_42	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.657	7.94E-09	1.30E-08	5.29E-08	6.95E-10	3.82E-12	7.61E-07	2.25E-09	7.02E-10	1.37E-17	3.65E-10	9.77E-13	6.98E-13	1.07E-11	6.68E-12	3.99E-11	6.32E-13	1.44E-11	1.97E-09	1.82E-10	2.34E-09
1347	NG_43	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.657	7.79E-09	1.29E-08	5.22E-08	6.82E-10	3.77E-12	7.51E-07	2.22E-09	6.94E-10	1.36E-17	3.61E-10	9.65E-13	6.89E-13	1.06E-11	6.60E-12	3.94E-11	6.24E-13	1.42E-11	1.94E-09	1.80E-10	2.31E-09
1348	NG_44	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.657	7.63E-09	1.27E-08	5.13E-08	6.67E-10	3.72E-12	7.38E-07	2.19E-09	6.83E-10	1.34E-17	3.55E-10	9.50E-13	6.78E-13	1.04E-11	6.49E-12	3.88E-11	6.15E-13	1.40E-11	1.91E-09	1.77E-10	2.28E-09
1349	NG_45	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.657	7.41E-09	1.24E-08	4.99E-08	6.46E-10	3.63E-12	7.17E-07	2.14E-09	6.67E-10	1.31E-17	3.47E-10	9.27E-13	6.62E-13	1.02E-11	6.34E-12	3.78E-11	6.00E-13	1.36E-11	1.87E-09	1.73E-10	2.22E-09
1350	NG_46	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.657	7.16E-09	1.20E-08	4.81E-08	6.21E-10	3.52E-12	6.86E-07	2.07E-09	6.46E-10	1.26E-17	3.36E-10	8.98E-13	6.41E-13	9.84E-12	6.14E-12	3.67E-11	5.82E-13	1.32E-11	1.81E-09	1.67E-10	2.16E-09
1351	NG_47	Nested Grid - 50m	Parks/ Recreation	Offsite	378.914	6366.657	6.93E-09	1.16E-08	4.64E-08	5.98E-10	3.42E-12	6.59E-07	2.01E-09	6.28E-10	1.23E-17	3.27E-10	8.73E-13	6.22E-13	9.57E-12	5.97E-12	3.56E-11	5.65E-13	1.29E-11	1.76E-09	1.63E-10	2.09E-09
1352	NG_48	Nested Grid - 50m	Parks/ Recreation	Offsite	378.964	6366.657	6.77E-09	1.14E-08	4.52E-08	5.81E-10	3.34E-12	6.41E-07	1.97E-09	6.15E-10	1.20E-17	3.20E-10	8.54E-13	6.09E-13	9.37E-12	5.85E-12	3.49E-11	5.53E-13	1.26E-11	1.72E-09	1.59E-10	2.05E-09
1353	NG_49	Nested Grid - 50m	Parks/ Recreation	Offsite	379.014	6366.657	6.61E-09	1.11E-08	4.42E-08	5.64E-10	3.28E-12	6.25E-07	1.93E-09	6.03E-10	1.18E-17	3.14E-10	8.37E-13	5.97E-13	9.18E-12	5.73E-12	3.42E-11	5.42E-13	1.23E-11	1.69E-09	1.56E-10	2.01E-09

AQIA DATA - SCENARIO 1 RECREATIONAL

Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution

All Pollutants

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Receptor #	**Receptor ID**	**Receptor Description**	**HRA Receptor Type**	**Offsite**	**X**	**Y**	**SO2**	**NO2**	**CO**	**PM10**	**Lead**	**TSP**	**HF**	**Cyanide**	**Dioxins & Furans**	**PAH**	**Antimony**	**Arsenic**	**Cadmium**	**Chromium**	**Manganese**	**Mercury**	**Nickel**	**Acetone**	**Benzene**	**Toluene**
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.69E-08**	**4.89E-08**	**2.00E-07**	**4.15E-09**	**1.45E-11**	**2.06E-06**	**8.56E-09**	**2.67E-09**	**5.23E-17**	**1.39E-09**	**3.68E-12**	**2.59E-12**	**4.07E-11**	**2.53E-11**	**1.52E-10**	**2.40E-12**	**5.47E-11**	**7.47E-09**	**6.92E-10**	**8.91E-09**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**SG_725**	**SG_725**	**SG_725**	**NG_783**	**SG_725**	**NG_783**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**378.900**	**378.900**	**378.900**	**378.814**	**378.900**	**378.814**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**
						Y	**6369.100**	**6369.100**	**6369.100**	**6367.557**	**6369.100**	**6367.557**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**
1354	NG_50	Nested Grid - 50m	Parks/ Recreation	Offsite	379.064	6366.657	6.43E-09	1.09E-08	4.29E-08	5.44E-10	3.20E-12	6.04E-07	1.89E-09	5.88E-10	1.15E-17	3.06E-10	8.16E-13	5.82E-13	8.96E-12	5.59E-12	3.34E-11	5.29E-13	1.20E-11	1.65E-09	1.52E-10	1.96E-09
1355	NG_51	Nested Grid - 50m	Parks/ Recreation	Offsite	379.114	6366.657	6.24E-09	1.06E-08	4.17E-08	5.24E-10	3.12E-12	5.83E-07	1.84E-09	5.73E-10	1.12E-17	2.98E-10	7.95E-13	5.66E-13	8.73E-12	5.45E-12	3.25E-11	5.16E-13	1.17E-11	1.60E-09	1.48E-10	1.91E-09
1356	NG_52	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.657	6.08E-09	1.04E-08	4.07E-08	5.07E-10	3.04E-12	5.66E-07	1.80E-09	5.60E-10	1.10E-17	2.91E-10	7.77E-13	5.52E-13	8.53E-12	5.32E-12	3.18E-11	5.04E-13	1.15E-11	1.57E-09	1.45E-10	1.87E-09
1357	NG_53	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.657	5.93E-09	1.01E-08	3.98E-08	4.92E-10	2.98E-12	5.53E-07	1.76E-09	5.48E-10	1.07E-17	2.85E-10	7.60E-13	5.40E-13	8.35E-12	5.21E-12	3.11E-11	4.93E-13	1.12E-11	1.53E-09	1.42E-10	1.83E-09
1358	NG_54	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.657	5.79E-09	9.92E-09	3.88E-08	4.77E-10	2.91E-12	5.40E-07	1.72E-09	5.36E-10	1.05E-17	2.79E-10	7.42E-13	5.27E-13	8.16E-12	5.09E-12	3.04E-11	4.82E-13	1.10E-11	1.50E-09	1.39E-10	1.79E-09
1359	NG_55	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.657	5.64E-09	9.64E-09	3.76E-08	4.62E-10	2.83E-12	5.23E-07	1.67E-09	5.22E-10	1.02E-17	2.71E-10	7.22E-13	5.11E-13	7.94E-12	4.95E-12	2.96E-11	4.69E-13	1.07E-11	1.46E-09	1.35E-10	1.74E-09
1360	NG_56	Nested Grid - 50m	Parks/ Recreation	Offsite	379.364	6366.657	5.52E-09	9.41E-09	3.66E-08	4.49E-10	2.77E-12	5.09E-07	1.63E-09	5.10E-10	9.98E-18	2.65E-10	7.05E-13	4.98E-13	7.76E-12	4.84E-12	2.89E-11	4.58E-13	1.04E-11	1.43E-09	1.32E-10	1.70E-09
1361	NG_57	Nested Grid - 50m	Parks/ Recreation	Offsite	379.414	6366.657	5.47E-09	9.33E-09	3.63E-08	4.44E-10	2.74E-12	5.06E-07	1.62E-09	5.06E-10	9.90E-18	2.63E-10	6.98E-13	4.93E-13	7.70E-12	4.80E-12	2.87E-11	4.54E-13	1.04E-11	1.41E-09	1.31E-10	1.69E-09
1362	NG_58	Nested Grid - 50m	Parks/ Recreation	Offsite	379.464	6366.657	5.52E-09	9.44E-09	3.68E-08	4.46E-10	2.77E-12	5.14E-07	1.64E-09	5.11E-10	9.99E-18	2.65E-10	7.04E-13	4.96E-13	7.77E-12	4.84E-12	2.90E-11	4.59E-13	1.05E-11	1.43E-09	1.32E-10	1.70E-09
1363	NG_59	Nested Grid - 50m	Parks/ Recreation	Offsite	379.514	6366.657	5.61E-09	9.64E-09	3.76E-08	4.54E-10	2.82E-12	5.24E-07	1.67E-09	5.21E-10	1.02E-17	2.70E-10	7.17E-13	5.04E-13	7.92E-12	4.93E-12	2.95E-11	4.67E-13	1.07E-11	1.46E-09	1.35E-10	1.73E-09
1364	NG_60	Nested Grid - 50m	Parks/ Recreation	Offsite	379.564	6366.657	5.79E-09	1.00E-08	3.91E-08	4.69E-10	2.92E-12	5.40E-07	1.73E-09	5.39E-10	1.05E-17	2.80E-10	7.41E-13	5.20E-13	8.19E-12	5.10E-12	3.05E-11	4.84E-13	1.10E-11	1.51E-09	1.39E-10	1.80E-09
1365	NG_61	Nested Grid - 50m	Parks/ Recreation	Offsite	379.614	6366.657	6.13E-09	1.07E-08	4.20E-08	5.00E-10	3.10E-12	5.75E-07	1.83E-09	5.72E-10	1.12E-17	2.97E-10	7.87E-13	5.51E-13	8.71E-12	5.42E-12	3.25E-11	5.14E-13	1.17E-11	1.60E-09	1.48E-10	1.91E-09
1387	NG_83	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.707	8.49E-09	1.47E-08	5.98E-08	7.80E-10	4.24E-12	8.24E-07	2.50E-09	7.79E-10	1.52E-17	4.05E-10	1.08E-12	7.74E-13	1.19E-11	7.40E-12	4.42E-11	7.01E-13	1.59E-11	2.18E-09	2.02E-10	2.60E-09
1388	NG_84	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.707	8.38E-09	1.46E-08	5.93E-08	7.70E-10	4.21E-12	8.20E-07	2.48E-09	7.73E-10	1.51E-17	4.02E-10	1.08E-12	7.68E-13	1.18E-11	7.35E-12	4.39E-11	6.96E-13	1.58E-11	2.16E-09	2.00E-10	2.58E-09
1389	NG_85	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.707	8.21E-09	1.44E-08	5.81E-08	7.53E-10	4.14E-12	8.05E-07	2.44E-09	7.61E-10	1.49E-17	3.96E-10	1.06E-12	7.55E-13	1.16E-11	7.23E-12	4.32E-11	6.84E-13	1.56E-11	2.13E-09	1.97E-10	2.54E-09
1390	NG_86	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.707	7.98E-09	1.40E-08	5.64E-08	7.29E-10	4.03E-12	7.80E-07	2.38E-09	7.42E-10	1.45E-17	3.86E-10	1.03E-12	7.36E-13	1.13E-11	7.05E-12	4.21E-11	6.67E-13	1.52E-11	2.08E-09	1.92E-10	2.47E-09
1391	NG_87	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.707	7.76E-09	1.36E-08	5.46E-08	7.06E-10	3.93E-12	7.56E-07	2.32E-09	7.23E-10	1.42E-17	3.76E-10	1.01E-12	7.17E-13	1.10E-11	6.88E-12	4.10E-11	6.51E-13	1.48E-11	2.02E-09	1.87E-10	2.41E-09
1393	NG_89	Nested Grid - 50m	Parks/ Recreation	Offsite	378.964	6366.707	7.38E-09	1.30E-08	5.17E-08	6.64E-10	3.76E-12	7.16E-07	2.22E-09	6.92E-10	1.35E-17	3.60E-10	9.61E-13	6.85E-13	1.05E-11	6.58E-12	3.93E-11	6.23E-13	1.42E-11	1.94E-09	1.79E-10	2.31E-09
1394	NG_90	Nested Grid - 50m	Parks/ Recreation	Offsite	379.014	6366.707	7.19E-09	1.27E-08	5.02E-08	6.42E-10	3.67E-12	6.94E-07	2.17E-09	6.76E-10	1.32E-17	3.51E-10	9.38E-13	6.69E-13	1.03E-11	6.42E-12	3.83E-11	6.08E-13	1.38E-11	1.89E-09	1.75E-10	2.25E-09
1395	NG_91	Nested Grid - 50m	Parks/ Recreation	Offsite	379.064	6366.707	7.00E-09	1.24E-08	4.88E-08	6.20E-10	3.59E-12	6.73E-07	2.11E-09	6.60E-10	1.29E-17	3.43E-10	9.15E-13	6.52E-13	1.00E-11	6.27E-12	3.74E-11	5.93E-13	1.35E-11	1.85E-09	1.71E-10	2.20E-09
1396	NG_92	Nested Grid - 50m	Parks/ Recreation	Offsite	379.114	6366.707	6.79E-09	1.20E-08	4.72E-08	5.97E-10	3.49E-12	6.48E-07	2.06E-09	6.42E-10	1.26E-17	3.34E-10	8.90E-13	6.34E-13	9.77E-12	6.09E-12	3.64E-11	5.77E-13	1.31E-11	1.79E-09	1.66E-10	2.14E-09
1397	NG_93	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.707	6.63E-09	1.18E-08	4.62E-08	5.78E-10	3.41E-12	6.33E-07	2.01E-09	6.28E-10	1.23E-17	3.27E-10	8.71E-13	6.20E-13	9.56E-12	5.97E-12	3.56E-11	5.65E-13	1.29E-11	1.76E-09	1.63E-10	2.09E-09
1398	NG_94	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.707	6.49E-09	1.16E-08	4.52E-08	5.61E-10	3.35E-12	6.20E-07	1.97E-09	6.16E-10	1.21E-17	3.20E-10	8.54E-13	6.07E-13	9.37E-12	5.85E-12	3.49E-11	5.54E-13	1.26E-11	1.72E-09	1.59E-10	2.05E-09
1399	NG_95	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.707	6.34E-09	1.13E-08	4.41E-08	5.44E-10	3.27E-12	6.05E-07	1.93E-09	6.02E-10	1.18E-17	3.13E-10	8.34E-13	5.92E-13	9.17E-12	5.72E-12	3.42E-11	5.41E-13	1.23E-11	1.68E-09	1.56E-10	2.01E-09
1400	NG_96	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.707	6.16E-09	1.10E-08	4.27E-08	5.26E-10	3.18E-12	5.85E-07	1.88E-09	5.85E-10	1.15E-17	3.04E-10	8.10E-13	5.74E-13	8.91E-12	5.55E-12	3.32E-11	5.26E-13	1.20E-11	1.64E-09	1.51E-10	1.95E-09
1401	NG_97	Nested Grid - 50m	Parks/ Recreation	Offsite	379.364	6366.707	6.05E-09	1.07E-08	4.18E-08	5.13E-10	3.11E-12	5.73E-07	1.84E-09	5.74E-10	1.12E-17	2.98E-10	7.93E-13	5.61E-13	8.73E-12	5.44E-12	3.26E-11	5.16E-13	1.17E-11	1.61E-09	1.49E-10	1.91E-09
1428	NG_124	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.757	9.09E-09	1.64E-08	6.64E-08	8.74E-10	4.66E-12	8.88E-07	2.75E-09	8.57E-10	1.68E-17	4.46E-10	1.19E-12	8.51E-13	1.30E-11	8.14E-12	4.86E-11	7.71E-13	1.75E-11	2.40E-09	2.22E-10	2.86E-09
1429	NG_125	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.757	9.05E-09	1.64E-08	6.63E-08	8.70E-10	4.66E-12	8.92E-07	2.75E-09	8.56E-10	1.68E-17	4.45E-10	1.19E-12	8.51E-13	1.30E-11	8.14E-12	4.86E-11	7.70E-13	1.75E-11	2.40E-09	2.22E-10	2.85E-09
1430	NG_126	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.757	8.93E-09	1.62E-08	6.54E-08	8.58E-10	4.61E-12	8.85E-07	2.72E-09	8.48E-10	1.66E-17	4.41E-10	1.18E-12	8.42E-13	1.29E-11	8.06E-12	4.81E-11	7.63E-13	1.73E-11	2.37E-09	2.19E-10	2.83E-09
1431	NG_127	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.757	8.74E-09	1.59E-08	6.39E-08	8.38E-10	4.53E-12	8.68E-07	2.67E-09	8.33E-10	1.63E-17	4.33E-10	1.16E-12	8.26E-13	1.27E-11	7.91E-12	4.72E-11	7.49E-13	1.70E-11	2.33E-09	2.15E-10	2.78E-09
1432	NG_128	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.757	8.54E-09	1.56E-08	6.22E-08	8.15E-10	4.43E-12	8.47E-07	2.61E-09	8.15E-10	1.60E-17	4.24E-10	1.13E-12	8.09E-13	1.24E-11	7.75E-12	4.63E-11	7.33E-13	1.67E-11	2.28E-09	2.11E-10	2.72E-09
1438	NG_134	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.757	7.34E-09	1.34E-08	5.25E-08	6.67E-10	3.85E-12	7.17E-07	2.27E-09	7.08E-10	1.39E-17	3.68E-10	9.82E-13	6.99E-13	1.08E-11	6.73E-12	4.02E-11	6.37E-13	1.45E-11	1.98E-09	1.83E-10	2.36E-09
1439	NG_135	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.757	7.17E-09	1.31E-08	5.12E-08	6.45E-10	3.76E-12	7.00E-07	2.22E-09	6.93E-10	1.36E-17	3.60E-10	9.60E-13	6.83E-13	1.05E-11	6.58E-12	3.93E-11	6.23E-13	1.42E-11	1.94E-09	1.79E-10	2.31E-09
1440	NG_136	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.757	7.02E-09	1.29E-08	5.01E-08	6.26E-10	3.69E-12	6.85E-07	2.18E-09	6.79E-10	1.33E-17	3.53E-10	9.40E-13	6.68E-13	1.03E-11	6.44E-12	3.85E-11	6.10E-13	1.39E-11	1.90E-09	1.76E-10	2.26E-09
1441	NG_137	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.757	6.83E-09	1.25E-08	4.86E-08	6.05E-10	3.59E-12	6.64E-07	2.12E-09	6.60E-10	1.29E-17	3.43E-10	9.14E-13	6.48E-13	1.01E-11	6.27E-12	3.75E-11	5.94E-13	1.35E-11	1.85E-09	1.71E-10	2.20E-09
1469	NG_165	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.807	9.70E-09	1.80E-08	7.23E-08	9.74E-10	5.06E-12	9.47E-07	2.98E-09	9.31E-10	1.82E-17	4.84E-10	1.29E-12	9.25E-13	1.42E-11	8.85E-12	5.28E-11	8.37E-13	1.90E-11	2.60E-09	2.41E-10	3.10E-09
1470	NG_166	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.807	9.71E-09	1.81E-08	7.25E-08	9.77E-10	5.09E-12	9.56E-07	3.00E-09	9.35E-10	1.83E-17	4.86E-10	1.30E-12	9.29E-13	1.42E-11	8.89E-12	5.31E-11	8.41E-13	1.91E-11	2.62E-09	2.42E-10	3.12E-09
1471	NG_167	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.807	9.68E-09	1.81E-08	7.23E-08	9.74E-10	5.08E-12	9.61E-07	3.00E-09	9.34E-10	1.83E-17	4.86E-10	1.30E-12	9.28E-13	1.42E-11	8.88E-12	5.30E-11	8.41E-13	1.91E-11	2.61E-09	2.42E-10	3.12E-09
1472	NG_168	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.807	9.62E-09	1.80E-08	7.18E-08	9.67E-10	5.06E-12	9.64E-07	2.99E-09	9.31E-10	1.82E-17	4.84E-10	1.29E-12	9.24E-13	1.42E-11	8.85E-12	5.28E-11	8.38E-13	1.91E-11	2.61E-09	2.41E-10	3.10E-09
1479	NG_175	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.807	8.22E-09	1.53E-08	5.99E-08	7.80E-10	4.37E-12	8.25E-07	2.58E-09	8.04E-10	1.57E-17	4.18E-10	1.11E-12	7.93E-13	1.22E-11	7.63E-12	4.56E-11	7.23E-13	1.64E-11	2.25E-09	2.08E-10	2.68E-09
1480	NG_176	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.807	8.06E-09	1.50E-08	5.87E-08	7.56E-10	4.29E-12	8.10E-07	2.53E-09	7.89E-10	1.54E-17	4.10E-10	1.09E-12	7.78E-13	1.20E-11	7.49E-12	4.47E-11	7.09E-13	1.61E-11	2.21E-09	2.04E-10	2.63E-09
1481	NG_177	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.807	7.86E-09	1.47E-08	5.70E-08	7.30E-10	4.18E-12	7.87E-07	2.47E-09	7.69E-10	1.51E-17	4.00E-10	1.07E-12	7.57E-13	1.17E-11	7.30E-12	4.36E-11	6.92E-13	1.57E-11	2.15E-09	1.99E-10	2.56E-09
1510	NG_206	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.857	1.03E-08	1.94E-08	7.74E-08	1.08E-09	5.44E-12	1.00E-06	3.21E-09	1.00E-09	1.96E-17	5.20E-10	1.39E-12	9.93E-13	1.52E-11	9.50E-12	5.67E-11	9.00E-13	2.05E-11	2.80E-09	2.59E-10	3.33E-09
1511	NG_207	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.857	1.04E-08	1.97E-08	7.85E-08	1.10E-09	5.52E-12	1.02E-06	3.25E-09	1.01E-09	1.99E-17	5.28E-10	1.41E-12	1.01E-12	1.55E-11	9.65E-12	5.76E-11	9.13E-13	2.08E-11	2.84E-09	2.63E-10	3.38E-09
1512	NG_208	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.857	1.05E-08	2.00E-08	7.94E-08	1.11E-09	5.59E-12	1.05E-06	3.30E-09	1.03E-09	2.01E-17	5.35E-10	1.43E-12	1.02E-12	1.56E-11	9.77E-12	5.83E-11	9.25E-13	2.10E-11	2.88E-09	2.66E-10	3.43E-09
1520	NG_216	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.857	9.30E-09	1.76E-08	6.86E-08	9.24E-10	4.98E-12	9.59E-07	2.94E-09	9.16E-10	1.79E-17	4.76E-10	1.27E-12	9.05E-13	1.39E-11	8.70E-12	5.20E-11	8.24E-13	1.88E-11	2.56E-09	2.37E-10	3.05E-09
1521	NG_217	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.857	9.05E-09	1.71E-08	6.65E-08	8.89E-10	4.85E-12	9.32E-07	2.86E-09	8.93E-10	1.75E-17	4.64E-10	1.24E-12	8.80E-13	1.36E-11	8.48E-12	5.06E-11	8.03E-13	1.83E-11	2.50E-09	2.31E-10	2.98E-09
1551	NG_247	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.907	1.09E-08	2.08E-08	8.23E-08	1.20E-09	5.81E-12	1.06E-06	3.42E-09	1.07E-09	2.09E-17	5.55E-10	1.48E-12	1.06E-12	1.63E-11	1.01E-11	6.06E-11	9.61E-13	2.18E-11	2.99E-09	2.76E-10	3.56E-09
1552	NG_248	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.907	1.12E-08	2.14E-08	8.45E-08	1.24E-09	5.97E-12	1.10E-06	3.52E-09	1.10E-09	2.15E-17	5.70E-10	1.52E-12	1.09E-12	1.67E-11	1.04E-11	6.22E-11	9.87E-13	2.24E-11	3.07E-09	2.84E-10	3.66E-09
1561	NG_257	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.907	1.06E-08	2.02E-08	7.84E-08	1.11E-09	5.68E-12	1.12E-06	3.35E-09	1.05E-09	2.05E-17	5.44E-10	1.45E-12	1.03E-12	1.59E-11	9.93E-12	5.93E-11	9.41E-13	2.14E-11	2.93E-09	2.71E-10	3.49E-09
1592	NG_288	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.957	1.14E-08	2.19E-08	8.59E-08	1.33E-09	6.11E-12	1.12E-06	3.60E-09	1.12E-09	2.20E-17	5.84E-10	1.56E-12	1.11E-12	1.71E-11	1.07E-11	6.37E-11	1.01E-12	2.30E-11	3.14E-09	2.91E-10	3.75E-09
1593	NG_289	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.957	1.19E-08	2.29E-08	8.98E-08	1.40E-09	6.38E-12	1.18E-06	3.76E-09	1.17E-09	2.30E-17	6.10E-10	1.63E-12	1.16E-12	1.79E-11	1.12E-11	6.66E-11	1.06E-12	2.40E-11	3.28E-09	3.04E-10	3.91E-09
1633	NG_329	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.007	1.18E-08	2.28E-08	8.82E-08	1.47E-09	6.33E-12	1.16E-06	3.74E-09	1.17E-09	2.28E-17	6.06E-10	1.62E-12	1.15E-12	1.77E-11	1.11E-11	6.61E-11	1.05E-12	2.38E-11	3.26E-09	3.02E-10	3.88E-09
1634	NG_330	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.007	1.24E-08	2.41E-08	9.33E-08	1.56E-09	6.69E-12	1.24E-06	3.94E-09	1.23E-09	2.41E-17	6.40E-10	1.71E-12	1.22E-12	1.87E-11	1.17E-11	6.98E-11	1.11E-12	2.52E-11	3.44E-09	3.18E-10	4.10E-09
1674	NG_370	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.057	1.20E-08	2.32E-08	8.89E-08	1.61E-09	6.47E-12	1.20E-06	3.82E-09	1.19E-09	2.33E-17	6.19E-10	1.65E-12	1.18E-12	1.81E-11	1.13E-11	6.76E-11	1.07E-12	2.44E-11	3.33E-09	3.08E-10	3.97E-09
1675	NG_371	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.057	1.27E-08	2.48E-08	9.46E-08	1.73E-09	6.88E-12	1.28E-06	4.06E-09	1.27E-09	2.48E-17	6.58E-10	1.76E-12	1.25E-12	1.93E-11	1.20E-11	7.18E-11	1.14E-12	2.59E-11	3.54E-09	3.28E-10	4.22E-09
1676	NG_372	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.057	1.35E-08	2.64E-08	1.01E-07	1.86E-09	7.32E-12	1.39E-06	4.32E-09	1.35E-09	2.64E-17	7.00E-10	1.87E-12	1.33E-12	2.05E-11	1.28E-11	7.64E-11	1.21E-12	2.76E-11	3.77E-09	3.49E-10	4.49E-09
1715	NG_411	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.107	1.21E-08	2.35E-08	8.85E-08	1.76E-09	6.54E-12	1.22E-06	3.86E-09	1.20E-09	2.36E-17	6.26E-10	1.67E-12	1.19E-12	1.83E-11	1.14E-11	6.83E-11	1.08E-12	2.46E-11	3.37E-09	3.11E-10	4.01E-09
1716	NG_412	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.107	1.29E-08	2.51E-08	9.44E-08	1.90E-09	6.97E-12	1.32E-06	4.11E-09	1.28E-09	2.51E-17	6.67E-10	1.78E-12	1.27E-12	1.95E-11	1.22E-11	7.28E-11	1.15E-12	2.63E-11	3.59E-09	3.32E-10	4.28E-09
1717	NG_413	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.107	1.38E-08	2.70E-08	1.02E-07	2.08E-09	7.50E-12	1.44E-06	4.42E-09	1.38E-09	2.70E-17	7.17E-10	1.91E-12	1.36E-12	2.10E-11	1.31E-11	7.82E-11	1.24E-12	2.82E-11	3.86E-09	3.57E-10	4.60E-09
1756	NG_452	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.157	1.21E-08	2.35E-08	8.74E-08	1.92E-09	6.56E-12	1.25E-06	3.87E-09	1.21E-09	2.36E-17	6.28E-10	1.67E-12	1.19E-12	1.84E-11	1.15E-11	6.85E-11	1.09E-12	2.47E-11	3.38E-09	3.12E-10	4.03E-09
1757	NG_453	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.157	1.30E-08	2.53E-08	9.38E-08	2.10E-09	7.04E-12	1.36E-06	4.15E-09	1.30E-09	2.53E-17	6.73E-10	1.80E-12	1.28E-12	1.97E-11	1.23E-11	7.35E-11	1.16E-12	2.65E-11	3.62E-09	3.35E-10	4.32E-09
1758	NG_454	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.157	1.40E-08	2.74E-08	1.02E-07	2.32E-09	7.61E-12	1.49E-06	4.49E-09	1.40E-09	2.74E-17	7.28E-10	1.94E-12	1.38E-12	2.13E-11	1.33E-11	7.94E-11	1.26E-12	2.87E-11	3.92E-09	3.62E-10	4.67E-09
1759	NG_455	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.157	1.52E-08	2.99E-08	1.10E-07	2.55E-09	8.26E-12	1.64E-06	4.87E-09	1.52E-09	2.98E-17	7.91E-10	2.11E-12	1.50E-12	2.32E-11	1.44E-11	8.63E-11	1.37E-12	3.11E-11	4.25E-09	3.94E-10	5.07E-09
1797	NG_493	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.207	1.22E-08	2.35E-08	8.63E-08	2.10E-09	6.58E-12	1.29E-06	3.88E-09	1.21E-09	2.37E-17	6.30E-10	1.68E-12	1.19E-12	1.84E-11	1.15E-11	6.87E-11	1.09E-12	2.48E-11	3.39E-09	3.13E-10	4.04E-09
1798	NG_494	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.207	1.31E-08	2.54E-08	9.30E-08	2.32E-09	7.09E-12	1.41E-06	4.18E-09	1.30E-09	2.55E-17	6.78E-10	1.81E-12	1.28E-12	1.99E-11	1.24E-11	7.40E-11	1.17E-12	2.67E-11	3.65E-09	3.38E-10	4.35E-09
1799	NG_495	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.207	1.41E-08	2.75E-08	1.00E-07	2.57E-09	7.66E-12	1.54E-06	4.52E-09	1.41E-09	2.76E-17	7.33E-10	1.95E-12	1.39E-12	2.15E-11	1.34E-11	8.00E-11	1.27E-12	2.89E-11	3.94E-09	3.65E-10	4.70E-09
1800	NG_496	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.207	1.54E-08	3.02E-08	1.10E-07	2.85E-09	8.36E-12	1.71E-06	4.93E-09	1.54E-09	3.01E-17	8.00E-10	2.13E-12	1.52E-12	2.34E-11	1.46E-11	8.73E-11	1.38E-12	3.15E-11	4.31E-09	3.98E-10	5.13E-09
1838	NG_534	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.257	1.22E-08	2.36E-08	8.54E-08	2.28E-09	6.60E-12	1.34E-06	3.89E-09	1.22E-09	2.38E-17	6.32E-10	1.68E-12	1.19E-12	1.85E-11	1.15E-11	6.89E-11	1.09E-12	2.49E-11	3.40E-09	3.14E-10	4.05E-09
1839	NG_535	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.257	1.31E-08	2.54E-08	9.18E-08	2.53E-09	7.10E-12	1.46E-06	4.19E-09	1.31E-09	2.56E-17	6.80E-10	1.81E-12	1.28E-12	1.99E-11	1.24E-11	7.42E-11	1.18E-12	2.68E-11	3.66E-09	3.38E-10	4.36E-09
1840	NG_536	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.257	1.42E-08	2.76E-08	9.93E-08	2.82E-09	7.69E-12	1.60E-06	4.54E-09	1.42E-09	2.77E-17	7.36E-10	1.96E-12	1.39E-12	2.16E-11	1.34E-11	8.04E-11	1.27E-12	2.90E-11	3.96E-09	3.67E-10	4.72E-09
1841	NG_537	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.257	1.55E-08	3.02E-08	1.08E-07	3.13E-09	8.39E-12	1.76E-06	4.95E-09	1.54E-09	3.02E-17	8.03E-10	2.14E-12	1.52E-12	2.35E-11	1.47E-11	8.76E-11	1.39E-12	3.16E-11	4.32E-09	4.00E-10	5.15E-09
1879	NG_575	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.307	1.22E-08	2.37E-08	8.47E-08	2.47E-09	6.62E-12	1.39E-06	3.91E-09	1.22E-09	2.39E-17	6.34E-10	1.69E-12	1.19E-12	1.86E-11	1.16E-11	6.92E-11	1.10E-12	2.50E-11	3.41E-09	3.16E-10	4.07E-09
1880	NG_576	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.307	1.31E-08	2.54E-08	9.06E-08	2.74E-09	7.10E-12	1.51E-06	4.19E-09	1.31E-09	2.56E-17	6.80E-10	1.81E-12	1.28E-12	1.99E-11	1.24E-11	7.42E-11	1.18E-12	2.68E-11	3.66E-09	3.39E-10	4.36E-09
1881	NG_577	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.307	1.42E-08	2.76E-08	9.81E-08	3.06E-09	7.70E-12	1.66E-06	4.55E-09	1.42E-09	2.78E-17	7.38E-10	1.96E-12	1.39E-12	2.16E-11	1.35E-11	8.05E-11	1.28E-12	2.91E-11	3.97E-09	3.67E-10	4.73E-09
1920	NG_616	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.357	1.23E-08	2.39E-08	8.47E-08	2.66E-09	6.68E-12	1.44E-06	3.95E-09	1.23E-09	2.41E-17	6.40E-10	1.70E-12	1.20E-12	1.87E-11	1.17E-11	6.98E-11	1.11E-12	2.52E-11	3.44E-09	3.19E-10	4.10E-09
1921	NG_617	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.357	1.32E-08	2.57E-08	9.06E-08	2.95E-09	7.17E-12	1.57E-06	4.24E-09	1.32E-09	2.59E-17	6.87E-10	1.83E-12	1.29E-12	2.01E-11	1.25E-11	7.50E-11	1.19E-12	2.71E-11	3.70E-09	3.42E-10	4.40E-09
2084	NG_780	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.557	1.26E-08	2.45E-08	8.55E-08	3.07E-09	6.85E-12	1.57E-06	4.05E-09	1.26E-09	2.47E-17	6.56E-10	1.74E-12	1.23E-12	1.92E-11	1.20E-11	7.17E-11	1.13E-12	2.59E-11	3.53E-09	3.27E-10	4.21E-09
2087	NG_783	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.557	1.62E-08	3.13E-08	1.08E-07	4.15E-09	8.77E-12	2.06E-06	5.18E-09	1.62E-09	3.16E-17	8.40E-10	2.23E-12	1.57E-12	2.46E-11	1.53E-11	9.17E-11	1.45E-12	3.31E-11	4.52E-09	4.18E-10	5.39E-09
1259	SR_298	Sensitive Receptor	Parks/ Recreation	Offsite	381.618	6366.961	1.78E-08	3.57E-08	1.49E-07	2.64E-09	9.64E-12	1.15E-06	5.71E-09	1.78E-09	3.49E-17	9.25E-10	2.45E-12	1.71E-12	2.71E-11	1.69E-11	1.01E-10	1.60E-12	3.65E-11	4.98E-09	4.61E-10	5.94E-09
1261	SR_300	Sensitive Receptor	Parks/ Recreation	Offsite	379.964	6366.659	1.05E-08	2.00E-08	8.17E-08	9.69E-10	5.54E-12	1.02E-06	3.28E-09	1.02E-09	2.00E-17	5.32E-10	1.40E-12	9.76E-13	1.56E-11	9.69E-12	5.81E-11	9.19E-13	2.10E-11	2.87E-09	2.65E-10	3.41E-09

AQIA DATA - SCENARIO 2 GRID MAX

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**4.73E-09**	**2.37E-02**	**5.66E-04**	**4.17E-04**	**1.16E-03**	**3.82E-03**	**2.26E-02**	**3.61E-04**	**8.15E-03**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1	SG_1	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6364.500	2.25E-02	4.52E-02	Not Modelled	1.29E-02	2.09E-05	1.08E-02	2.26E-03	4.51E-04	4.51E-11	2.26E-04	5.39E-06	3.98E-06	1.11E-05	3.64E-05	2.15E-04	3.44E-06	7.77E-05	3.95E-03	3.66E-04	4.71E-03
2	SG_2	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6364.500	2.22E-02	4.46E-02	Not Modelled	1.28E-02	2.06E-05	1.09E-02	2.22E-03	4.45E-04	4.45E-11	2.23E-04	5.32E-06	3.92E-06	1.09E-05	3.59E-05	2.12E-04	3.39E-06	7.66E-05	3.89E-03	3.61E-04	4.64E-03
3	SG_3	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6364.500	2.16E-02	4.34E-02	Not Modelled	1.25E-02	2.00E-05	1.08E-02	2.17E-03	4.33E-04	4.33E-11	2.17E-04	5.18E-06	3.82E-06	1.06E-05	3.50E-05	2.07E-04	3.31E-06	7.46E-05	3.79E-03	3.51E-04	4.52E-03
4	SG_4	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6364.500	2.02E-02	4.07E-02	Not Modelled	1.16E-02	1.88E-05	1.02E-02	2.03E-03	4.06E-04	4.06E-11	2.03E-04	4.85E-06	3.58E-06	9.95E-06	3.28E-05	1.94E-04	3.10E-06	6.99E-05	3.55E-03	3.29E-04	4.24E-03
5	SG_5	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6364.500	1.90E-02	3.83E-02	Not Modelled	1.09E-02	1.77E-05	9.62E-03	1.91E-03	3.82E-04	3.82E-11	1.91E-04	4.57E-06	3.37E-06	9.36E-06	3.08E-05	1.82E-04	2.91E-06	6.58E-05	3.34E-03	3.10E-04	3.98E-03
6	SG_6	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6364.500	1.86E-02	3.75E-02	Not Modelled	1.07E-02	1.73E-05	9.61E-03	1.87E-03	3.74E-04	3.74E-11	1.87E-04	4.47E-06	3.30E-06	9.17E-06	3.02E-05	1.78E-04	2.85E-06	6.44E-05	3.27E-03	3.03E-04	3.90E-03
7	SG_7	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6364.500	1.82E-02	3.65E-02	Not Modelled	1.03E-02	1.69E-05	9.50E-03	1.82E-03	3.64E-04	3.64E-11	1.82E-04	4.36E-06	3.21E-06	8.93E-06	2.94E-05	1.74E-04	2.78E-06	6.28E-05	3.19E-03	2.96E-04	3.80E-03
8	SG_8	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6364.500	1.80E-02	3.62E-02	Not Modelled	1.01E-02	1.67E-05	9.57E-03	1.81E-03	3.61E-04	3.61E-11	1.81E-04	4.32E-06	3.18E-06	8.86E-06	2.92E-05	1.72E-04	2.76E-06	6.22E-05	3.16E-03	2.93E-04	3.77E-03
9	SG_9	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6364.500	1.81E-02	3.63E-02	Not Modelled	1.01E-02	1.68E-05	9.84E-03	1.81E-03	3.62E-04	3.62E-11	1.81E-04	4.33E-06	3.19E-06	8.88E-06	2.92E-05	1.73E-04	2.76E-06	6.24E-05	3.17E-03	2.94E-04	3.78E-03
10	SG_10	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6364.500	1.85E-02	3.72E-02	Not Modelled	1.03E-02	1.72E-05	1.05E-02	1.85E-03	3.71E-04	3.71E-11	1.85E-04	4.43E-06	3.27E-06	9.09E-06	2.99E-05	1.77E-04	2.83E-06	6.39E-05	3.24E-03	3.01E-04	3.87E-03
11	SG_11	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6364.500	1.60E-02	3.22E-02	Not Modelled	8.73E-03	1.49E-05	9.01E-03	1.61E-03	3.21E-04	3.21E-11	1.61E-04	3.84E-06	2.83E-06	7.88E-06	2.60E-05	1.53E-04	2.45E-06	5.54E-05	2.81E-03	2.61E-04	3.35E-03
12	SG_12	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6364.500	1.54E-02	3.10E-02	Not Modelled	8.22E-03	1.43E-05	8.77E-03	1.55E-03	3.09E-04	3.09E-11	1.55E-04	3.70E-06	2.72E-06	7.58E-06	2.50E-05	1.48E-04	2.36E-06	5.33E-05	2.71E-03	2.51E-04	3.23E-03
13	SG_13	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6364.500	1.51E-02	3.04E-02	Not Modelled	7.85E-03	1.40E-05	8.63E-03	1.52E-03	3.03E-04	3.03E-11	1.52E-04	3.62E-06	2.67E-06	7.43E-06	2.45E-05	1.45E-04	2.31E-06	5.22E-05	2.65E-03	2.46E-04	3.16E-03
14	SG_14	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6364.500	1.51E-02	3.04E-02	Not Modelled	7.71E-03	1.40E-05	8.67E-03	1.52E-03	3.03E-04	3.03E-11	1.52E-04	3.63E-06	2.67E-06	7.44E-06	2.45E-05	1.45E-04	2.32E-06	5.23E-05	2.66E-03	2.46E-04	3.17E-03
15	SG_15	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6364.500	1.59E-02	3.19E-02	Not Modelled	7.92E-03	1.47E-05	9.07E-03	1.59E-03	3.18E-04	3.18E-11	1.59E-04	3.80E-06	2.80E-06	7.79E-06	2.57E-05	1.52E-04	2.43E-06	5.48E-05	2.78E-03	2.58E-04	3.32E-03
16	SG_16	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6364.500	1.72E-02	3.47E-02	Not Modelled	8.31E-03	1.60E-05	9.58E-03	1.73E-03	3.45E-04	3.45E-11	1.73E-04	4.13E-06	3.04E-06	8.47E-06	2.79E-05	1.65E-04	2.64E-06	5.95E-05	3.02E-03	2.80E-04	3.60E-03
17	SG_17	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6364.500	1.93E-02	3.87E-02	Not Modelled	8.87E-03	1.79E-05	1.02E-02	1.93E-03	3.86E-04	3.86E-11	1.93E-04	4.62E-06	3.40E-06	9.47E-06	3.12E-05	1.84E-04	2.95E-06	6.66E-05	3.38E-03	3.13E-04	4.03E-03
18	SG_18	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6364.500	2.30E-02	4.62E-02	Not Modelled	1.01E-02	2.13E-05	1.18E-02	2.30E-03	4.60E-04	4.60E-11	2.30E-04	5.51E-06	4.06E-06	1.13E-05	3.72E-05	2.20E-04	3.52E-06	7.94E-05	4.03E-03	3.73E-04	4.80E-03
19	SG_19	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6364.500	2.78E-02	5.58E-02	Not Modelled	1.18E-02	2.58E-05	1.39E-02	2.78E-03	5.57E-04	5.57E-11	2.78E-04	6.66E-06	4.91E-06	1.37E-05	4.50E-05	2.66E-04	4.25E-06	9.60E-05	4.87E-03	4.52E-04	5.81E-03
20	SG_20	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6364.500	3.04E-02	6.10E-02	Not Modelled	1.26E-02	2.82E-05	1.47E-02	3.04E-03	6.09E-04	6.09E-11	3.04E-04	7.28E-06	5.36E-06	1.49E-05	4.91E-05	2.91E-04	4.65E-06	1.05E-04	5.33E-03	4.94E-04	6.35E-03
21	SG_21	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6364.500	3.22E-02	6.47E-02	Not Modelled	1.31E-02	2.99E-05	1.50E-02	3.23E-03	6.45E-04	6.45E-11	3.23E-04	7.72E-06	5.69E-06	1.58E-05	5.21E-05	3.08E-04	4.93E-06	1.11E-04	5.65E-03	5.23E-04	6.73E-03
22	SG_22	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6364.500	3.48E-02	6.98E-02	Not Modelled	1.40E-02	3.22E-05	1.56E-02	3.49E-03	6.97E-04	6.97E-11	3.49E-04	8.34E-06	6.14E-06	1.71E-05	5.63E-05	3.33E-04	5.32E-06	1.20E-04	6.10E-03	5.65E-04	7.27E-03
23	SG_23	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6364.500	3.81E-02	7.66E-02	Not Modelled	1.51E-02	3.54E-05	1.66E-02	3.82E-03	7.64E-04	7.64E-11	3.82E-04	9.15E-06	6.74E-06	1.87E-05	6.17E-05	3.65E-04	5.84E-06	1.32E-04	6.69E-03	6.20E-04	7.98E-03
24	SG_24	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6364.500	4.19E-02	8.41E-02	Not Modelled	1.63E-02	3.88E-05	1.75E-02	4.20E-03	8.39E-04	8.39E-11	4.20E-04	1.00E-05	7.40E-06	2.06E-05	6.78E-05	4.01E-04	6.41E-06	1.45E-04	7.35E-03	6.81E-04	8.76E-03
25	SG_25	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6364.500	4.69E-02	9.42E-02	Not Modelled	1.80E-02	4.35E-05	1.89E-02	4.70E-03	9.40E-04	9.40E-11	4.70E-04	1.13E-05	8.29E-06	2.31E-05	7.59E-05	4.49E-04	7.18E-06	1.62E-04	8.23E-03	7.63E-04	9.81E-03
26	SG_26	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6364.500	5.34E-02	1.07E-01	Not Modelled	2.00E-02	4.95E-05	2.07E-02	5.36E-03	1.07E-03	1.07E-10	5.36E-04	1.28E-05	9.44E-06	2.63E-05	8.65E-05	5.11E-04	8.18E-06	1.85E-04	9.38E-03	8.69E-04	1.12E-02
27	SG_27	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6364.500	5.68E-02	1.14E-01	Not Modelled	2.07E-02	5.28E-05	2.07E-02	5.70E-03	1.14E-03	1.14E-10	5.71E-04	1.37E-05	1.01E-05	2.80E-05	9.21E-05	5.45E-04	8.71E-06	1.97E-04	9.99E-03	9.25E-04	1.19E-02
28	SG_28	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6364.500	6.22E-02	1.25E-01	Not Modelled	2.22E-02	5.78E-05	2.16E-02	6.25E-03	1.25E-03	1.25E-10	6.25E-04	1.49E-05	1.10E-05	3.06E-05	1.01E-04	5.96E-04	9.54E-06	2.15E-04	1.09E-02	1.01E-03	1.30E-02
29	SG_29	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6364.500	7.11E-02	1.43E-01	Not Modelled	2.52E-02	6.60E-05	2.42E-02	7.13E-03	1.43E-03	1.43E-10	7.13E-04	1.71E-05	1.26E-05	3.50E-05	1.15E-04	6.81E-04	1.09E-05	2.46E-04	1.25E-02	1.16E-03	1.49E-02
30	SG_30	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6364.500	8.32E-02	1.67E-01	Not Modelled	3.00E-02	7.71E-05	2.89E-02	8.34E-03	1.67E-03	1.67E-10	8.34E-04	2.00E-05	1.47E-05	4.09E-05	1.35E-04	7.96E-04	1.27E-05	2.88E-04	1.46E-02	1.35E-03	1.74E-02
31	SG_31	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6364.500	8.78E-02	1.76E-01	Not Modelled	3.21E-02	8.14E-05	3.06E-02	8.80E-03	1.76E-03	1.76E-10	8.80E-04	2.10E-05	1.55E-05	4.31E-05	1.42E-04	8.40E-04	1.34E-05	3.03E-04	1.54E-02	1.43E-03	1.84E-02
32	SG_32	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6364.700	2.53E-02	5.09E-02	Not Modelled	1.44E-02	2.35E-05	1.23E-02	2.54E-03	5.08E-04	5.08E-11	2.54E-04	6.07E-06	4.48E-06	1.25E-05	4.10E-05	2.42E-04	3.88E-06	8.75E-05	4.45E-03	4.12E-04	5.30E-03
33	SG_33	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6364.700	2.42E-02	4.86E-02	Not Modelled	1.38E-02	2.24E-05	1.20E-02	2.42E-03	4.85E-04	4.85E-11	2.43E-04	5.80E-06	4.27E-06	1.19E-05	3.92E-05	2.31E-04	3.70E-06	8.36E-05	4.25E-03	3.93E-04	5.06E-03
34	SG_34	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6364.700	2.35E-02	4.72E-02	Not Modelled	1.35E-02	2.18E-05	1.18E-02	2.36E-03	4.71E-04	4.71E-11	2.36E-04	5.63E-06	4.15E-06	1.16E-05	3.80E-05	2.25E-04	3.60E-06	8.12E-05	4.12E-03	3.82E-04	4.92E-03
35	SG_35	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6364.700	2.28E-02	4.59E-02	Not Modelled	1.31E-02	2.12E-05	1.17E-02	2.29E-03	4.58E-04	4.58E-11	2.29E-04	5.48E-06	4.04E-06	1.12E-05	3.70E-05	2.19E-04	3.49E-06	7.89E-05	4.01E-03	3.72E-04	4.78E-03
36	SG_36	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6364.700	2.18E-02	4.39E-02	Not Modelled	1.24E-02	2.03E-05	1.13E-02	2.19E-03	4.38E-04	4.38E-11	2.19E-04	5.24E-06	3.86E-06	1.07E-05	3.54E-05	2.09E-04	3.34E-06	7.55E-05	3.83E-03	3.55E-04	4.57E-03
37	SG_37	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6364.700	2.15E-02	4.32E-02	Not Modelled	1.23E-02	1.99E-05	1.14E-02	2.15E-03	4.31E-04	4.31E-11	2.16E-04	5.15E-06	3.80E-06	1.06E-05	3.48E-05	2.06E-04	3.29E-06	7.43E-05	3.77E-03	3.50E-04	4.50E-03
38	SG_38	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6364.700	2.09E-02	4.20E-02	Not Modelled	1.19E-02	1.94E-05	1.14E-02	2.09E-03	4.19E-04	4.19E-11	2.10E-04	5.01E-06	3.69E-06	1.03E-05	3.38E-05	2.00E-04	3.20E-06	7.22E-05	3.67E-03	3.40E-04	4.37E-03
39	SG_39	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6364.700	2.09E-02	4.20E-02	Not Modelled	1.18E-02	1.94E-05	1.17E-02	2.09E-03	4.19E-04	4.19E-11	2.10E-04	5.01E-06	3.69E-06	1.03E-05	3.38E-05	2.00E-04	3.20E-06	7.22E-05	3.67E-03	3.40E-04	4.37E-03
40	SG_40	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6364.700	1.95E-02	3.91E-02	Not Modelled	1.08E-02	1.81E-05	1.08E-02	1.95E-03	3.90E-04	3.90E-11	1.95E-04	4.67E-06	3.44E-06	9.57E-06	3.15E-05	1.86E-04	2.98E-06	6.72E-05	3.42E-03	3.17E-04	4.07E-03
41	SG_41	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6364.700	1.95E-02	3.91E-02	Not Modelled	1.08E-02	1.81E-05	1.12E-02	1.95E-03	3.90E-04	3.90E-11	1.95E-04	4.67E-06	3.44E-06	9.57E-06	3.15E-05	1.86E-04	2.98E-06	6.72E-05	3.42E-03	3.17E-04	4.07E-03
42	SG_42	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6364.700	1.71E-02	3.44E-02	Not Modelled	9.25E-03	1.59E-05	9.71E-03	1.71E-03	3.43E-04	3.43E-11	1.72E-04	4.10E-06	3.02E-06	8.41E-06	2.77E-05	1.64E-04	2.62E-06	5.91E-05	3.00E-03	2.78E-04	3.58E-03
43	SG_43	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6364.700	1.65E-02	3.32E-02	Not Modelled	8.75E-03	1.53E-05	9.53E-03	1.65E-03	3.31E-04	3.31E-11	1.66E-04	3.96E-06	2.92E-06	8.11E-06	2.67E-05	1.58E-04	2.53E-06	5.70E-05	2.90E-03	2.68E-04	3.45E-03
44	SG_44	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6364.700	1.64E-02	3.29E-02	Not Modelled	8.48E-03	1.52E-05	9.56E-03	1.64E-03	3.28E-04	3.28E-11	1.64E-04	3.93E-06	2.89E-06	8.05E-06	2.65E-05	1.57E-04	2.51E-06	5.66E-05	2.87E-03	2.66E-04	3.43E-03
45	SG_45	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6364.700	1.65E-02	3.31E-02	Not Modelled	8.35E-03	1.53E-05	9.66E-03	1.65E-03	3.30E-04	3.30E-11	1.65E-04	3.95E-06	2.91E-06	8.10E-06	2.67E-05	1.58E-04	2.52E-06	5.69E-05	2.89E-03	2.68E-04	3.45E-03
46	SG_46	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6364.700	1.70E-02	3.41E-02	Not Modelled	8.40E-03	1.57E-05	9.83E-03	1.70E-03	3.40E-04	3.40E-11	1.70E-04	4.07E-06	3.00E-06	8.34E-06	2.75E-05	1.62E-04	2.60E-06	5.86E-05	2.98E-03	2.76E-04	3.55E-03
47	SG_47	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6364.700	1.88E-02	3.77E-02	Not Modelled	8.93E-03	1.74E-05	1.06E-02	1.88E-03	3.76E-04	3.76E-11	1.88E-04	4.50E-06	3.31E-06	9.22E-06	3.04E-05	1.79E-04	2.87E-06	6.48E-05	3.29E-03	3.05E-04	3.92E-03
48	SG_48	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6364.700	2.10E-02	4.22E-02	Not Modelled	9.51E-03	1.95E-05	1.12E-02	2.10E-03	4.21E-04	4.21E-11	2.10E-04	5.03E-06	3.71E-06	1.03E-05	3.40E-05	2.01E-04	3.21E-06	7.25E-05	3.68E-03	3.41E-04	4.39E-03
49	SG_49	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6364.700	2.57E-02	5.16E-02	Not Modelled	1.11E-02	2.38E-05	1.33E-02	2.58E-03	5.15E-04	5.15E-11	2.58E-04	6.16E-06	4.54E-06	1.26E-05	4.16E-05	2.46E-04	3.93E-06	8.88E-05	4.51E-03	4.18E-04	5.38E-03
50	SG_50	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6364.700	3.05E-02	6.12E-02	Not Modelled	1.28E-02	2.83E-05	1.53E-02	3.05E-03	6.11E-04	6.11E-11	3.06E-04	7.31E-06	5.38E-06	1.50E-05	4.93E-05	2.92E-04	4.66E-06	1.05E-04	5.35E-03	4.96E-04	6.38E-03
51	SG_51	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6364.700	3.27E-02	6.57E-02	Not Modelled	1.34E-02	3.03E-05	1.58E-02	3.28E-03	6.56E-04	6.56E-11	3.28E-04	7.84E-06	5.78E-06	1.61E-05	5.29E-05	3.13E-04	5.01E-06	1.13E-04	5.74E-03	5.32E-04	6.84E-03
52	SG_52	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6364.700	3.58E-02	7.18E-02	Not Modelled	1.44E-02	3.32E-05	1.67E-02	3.58E-03	7.17E-04	7.17E-11	3.59E-04	8.58E-06	6.32E-06	1.76E-05	5.79E-05	3.42E-04	5.47E-06	1.24E-04	6.28E-03	5.82E-04	7.48E-03
53	SG_53	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6364.700	3.91E-02	7.84E-02	Not Modelled	1.55E-02	3.62E-05	1.76E-02	3.91E-03	7.83E-04	7.83E-11	3.91E-04	9.36E-06	6.90E-06	1.92E-05	6.32E-05	3.74E-04	5.98E-06	1.35E-04	6.85E-03	6.35E-04	8.17E-03
54	SG_54	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6364.700	4.34E-02	8.71E-02	Not Modelled	1.69E-02	4.02E-05	1.89E-02	4.35E-03	8.70E-04	8.70E-11	4.35E-04	1.04E-05	7.67E-06	2.13E-05	7.02E-05	4.15E-04	6.64E-06	1.50E-04	7.61E-03	7.06E-04	9.08E-03
55	SG_55	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6364.700	4.84E-02	9.72E-02	Not Modelled	1.85E-02	4.49E-05	2.02E-02	4.85E-03	9.70E-04	9.70E-11	4.85E-04	1.16E-05	8.55E-06	2.38E-05	7.83E-05	4.63E-04	7.41E-06	1.67E-04	8.49E-03	7.87E-04	1.01E-02
56	SG_56	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6364.700	5.32E-02	1.07E-01	Not Modelled	1.99E-02	4.94E-05	2.12E-02	5.34E-03	1.07E-03	1.07E-10	5.34E-04	1.28E-05	9.41E-06	2.62E-05	8.62E-05	5.10E-04	8.15E-06	1.84E-04	9.35E-03	8.66E-04	1.11E-02
57	SG_57	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6364.700	5.96E-02	1.20E-01	Not Modelled	2.17E-02	5.53E-05	2.24E-02	5.98E-03	1.20E-03	1.20E-10	5.98E-04	1.43E-05	1.05E-05	2.93E-05	9.66E-05	5.71E-04	9.14E-06	2.06E-04	1.05E-02	9.70E-04	1.25E-02
58	SG_58	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6364.700	7.26E-02	1.46E-01	Not Modelled	2.60E-02	6.74E-05	2.67E-02	7.29E-03	1.46E-03	1.46E-10	7.29E-04	1.74E-05	1.28E-05	3.57E-05	1.18E-04	6.96E-04	1.11E-05	2.51E-04	1.28E-02	1.18E-03	1.52E-02
59	SG_59	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6364.700	9.11E-02	1.83E-01	Not Modelled	3.30E-02	8.45E-05	3.42E-02	9.13E-03	1.83E-03	1.83E-10	9.14E-04	2.19E-05	1.61E-05	4.48E-05	1.48E-04	8.72E-04	1.40E-05	3.15E-04	1.60E-02	1.48E-03	1.91E-02
60	SG_60	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6364.700	9.46E-02	1.90E-01	Not Modelled	3.42E-02	8.77E-05	3.46E-02	9.48E-03	1.90E-03	1.90E-10	9.48E-04	2.27E-05	1.67E-05	4.65E-05	1.53E-04	9.05E-04	1.45E-05	3.27E-04	1.66E-02	1.54E-03	1.98E-02
61	SG_61	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6364.700	8.89E-02	1.79E-01	Not Modelled	3.20E-02	8.25E-05	3.12E-02	8.91E-03	1.78E-03	1.78E-10	8.91E-04	2.13E-05	1.57E-05	4.37E-05	1.44E-04	8.51E-04	1.36E-05	3.07E-04	1.56E-02	1.45E-03	1.86E-02
62	SG_62	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6364.700	8.45E-02	1.70E-01	Not Modelled	3.06E-02	7.83E-05	2.90E-02	8.46E-03	1.69E-03	1.69E-10	8.47E-04	2.03E-05	1.49E-05	4.15E-05	1.37E-04	8.08E-04	1.29E-05	2.92E-04	1.48E-02	1.37E-03	1.77E-02
63	SG_63	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6364.900	2.91E-02	5.85E-02	Not Modelled	1.63E-02	2.70E-05	1.44E-02	2.92E-03	5.84E-04	5.84E-11	2.92E-04	6.99E-06	5.15E-06	1.43E-05	4.72E-05	2.79E-04	4.46E-06	1.01E-04	5.12E-03	4.74E-04	6.10E-03
64	SG_64	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6364.900	2.82E-02	5.66E-02	Not Modelled	1.60E-02	2.61E-05	1.42E-02	2.82E-03	5.65E-04	5.65E-11	2.83E-04	6.75E-06	4.98E-06	1.38E-05	4.56E-05	2.70E-04	4.31E-06	9.73E-05	4.94E-03	4.58E-04	5.89E-03
65	SG_65	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6364.900	2.67E-02	5.36E-02	Not Modelled	1.52E-02	2.47E-05	1.37E-02	2.67E-03	5.35E-04	5.35E-11	2.68E-04	6.39E-06	4.71E-06	1.31E-05	4.32E-05	2.55E-04	4.08E-06	9.21E-05	4.68E-03	4.34E-04	5.58E-03
66	SG_66	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6364.900	2.66E-02	5.34E-02	Not Modelled	1.52E-02	2.47E-05	1.40E-02	2.66E-03	5.33E-04	5.33E-11	2.67E-04	6.37E-06	4.70E-06	1.31E-05	4.30E-05	2.54E-04	4.07E-06	9.18E-05	4.66E-03	4.32E-04	5.56E-03
67	SG_67	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6364.900	2.55E-02	5.12E-02	Not Modelled	1.45E-02	2.36E-05	1.36E-02	2.55E-03	5.10E-04	5.10E-11	2.55E-04	6.10E-06	4.50E-06	1.25E-05	4.12E-05	2.44E-04	3.90E-06	8.79E-05	4.47E-03	4.14E-04	5.33E-03
68	SG_68	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6364.900	2.59E-02	5.20E-02	Not Modelled	1.48E-02	2.40E-05	1.44E-02	2.59E-03	5.19E-04	5.19E-11	2.60E-04	6.20E-06	4.57E-06	1.27E-05	4.19E-05	2.48E-04	3.96E-06	8.94E-05	4.54E-03	4.21E-04	5.41E-03
69	SG_69	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6364.900	2.44E-02	4.91E-02	Not Modelled	1.39E-02	2.27E-05	1.38E-02	2.45E-03	4.89E-04	4.89E-11	2.45E-04	5.85E-06	4.31E-06	1.20E-05	3.95E-05	2.34E-04	3.74E-06	8.43E-05	4.28E-03	3.97E-04	5.11E-03
70	SG_70	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6364.900	2.20E-02	4.41E-02	Not Modelled	1.23E-02	2.04E-05	1.23E-02	2.20E-03	4.40E-04	4.40E-11	2.20E-04	5.26E-06	3.88E-06	1.08E-05	3.55E-05	2.10E-04	3.36E-06	7.58E-05	3.85E-03	3.57E-04	4.59E-03
71	SG_71	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6364.900	2.15E-02	4.33E-02	Not Modelled	1.20E-02	2.00E-05	1.23E-02	2.16E-03	4.32E-04	4.32E-11	2.16E-04	5.16E-06	3.81E-06	1.06E-05	3.49E-05	2.06E-04	3.29E-06	7.44E-05	3.78E-03	3.50E-04	4.51E-03
72	SG_72	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6364.900	2.02E-02	4.07E-02	Not Modelled	1.11E-02	1.88E-05	1.16E-02	2.03E-03	4.06E-04	4.06E-11	2.03E-04	4.85E-06	3.58E-06	9.95E-06	3.28E-05	1.94E-04	3.10E-06	6.99E-05	3.55E-03	3.29E-04	4.23E-03
73	SG_73	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6364.900	1.88E-02	3.78E-02	Not Modelled	1.01E-02	1.75E-05	1.09E-02	1.89E-03	3.77E-04	3.77E-11	1.89E-04	4.51E-06	3.32E-06	9.25E-06	3.05E-05	1.80E-04	2.88E-06	6.50E-05	3.30E-03	3.06E-04	3.94E-03
74	SG_74	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6364.900	1.85E-02	3.73E-02	Not Modelled	9.84E-03	1.72E-05	1.10E-02	1.86E-03	3.72E-04	3.72E-11	1.86E-04	4.44E-06	3.28E-06	9.11E-06	3.00E-05	1.77E-04	2.84E-06	6.40E-05	3.25E-03	3.01E-04	3.88E-03
75	SG_75	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6364.900	1.80E-02	3.61E-02	Not Modelled	9.27E-03	1.67E-05	1.07E-02	1.80E-03	3.60E-04	3.60E-11	1.80E-04	4.31E-06	3.17E-06	8.83E-06	2.91E-05	1.72E-04	2.75E-06	6.20E-05	3.15E-03	2.92E-04	3.76E-03
76	SG_76	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6364.900	1.79E-02	3.59E-02	Not Modelled	9.02E-03	1.66E-05	1.07E-02	1.79E-03	3.58E-04	3.58E-11	1.79E-04	4.29E-06	3.16E-06	8.79E-06	2.89E-05	1.71E-04	2.74E-06	6.18E-05	3.14E-03	2.91E-04	3.74E-03
77	SG_77	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6364.900	1.84E-02	3.69E-02	Not Modelled	9.01E-03	1.70E-05	1.08E-02	1.84E-03	3.68E-04	3.68E-11	1.84E-04	4.40E-06	3.24E-06	9.02E-06	2.97E-05	1.76E-04	2.81E-06	6.34E-05	3.22E-03	2.98E-04	3.84E-03
78	SG_78	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6364.900	2.02E-02	4.05E-02	Not Modelled	9.47E-03	1.87E-05	1.14E-02	2.02E-03	4.04E-04	4.04E-11	2.02E-04	4.84E-06	3.56E-06	9.91E-06	3.26E-05	1.93E-04	3.09E-06	6.97E-05	3.54E-03	3.28E-04	4.22E-03
79	SG_79	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6364.900	2.34E-02	4.70E-02	Not Modelled	1.04E-02	2.17E-05	1.27E-02	2.35E-03	4.69E-04	4.69E-11	2.35E-04	5.61E-06	4.14E-06	1.15E-05	3.79E-05	2.24E-04	3.58E-06	8.09E-05	4.11E-03	3.81E-04	4.90E-03
80	SG_80	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6364.900	2.83E-02	5.69E-02	Not Modelled	1.20E-02	2.63E-05	1.47E-02	2.84E-03	5.67E-04	5.67E-11	2.84E-04	6.79E-06	5.00E-06	1.39E-05	4.58E-05	2.71E-04	4.33E-06	9.78E-05	4.97E-03	4.60E-04	5.92E-03
81	SG_81	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6364.900	3.40E-02	6.82E-02	Not Modelled	1.40E-02	3.15E-05	1.71E-02	3.40E-03	6.80E-04	6.80E-11	3.40E-04	8.14E-06	6.00E-06	1.67E-05	5.49E-05	3.25E-04	5.19E-06	1.17E-04	5.95E-03	5.52E-04	7.10E-03
82	SG_82	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6364.900	3.83E-02	7.69E-02	Not Modelled	1.55E-02	3.55E-05	1.88E-02	3.84E-03	7.68E-04	7.68E-11	3.84E-04	9.19E-06	6.77E-06	1.88E-05	6.20E-05	3.67E-04	5.86E-06	1.32E-04	6.72E-03	6.23E-04	8.01E-03
83	SG_83	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6364.900	4.14E-02	8.30E-02	Not Modelled	1.64E-02	3.83E-05	1.95E-02	4.14E-03	8.28E-04	8.28E-11	4.14E-04	9.91E-06	7.30E-06	2.03E-05	6.69E-05	3.96E-04	6.33E-06	1.43E-04	7.25E-03	6.72E-04	8.65E-03
84	SG_84	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6364.900	4.60E-02	9.22E-02	Not Modelled	1.79E-02	4.26E-05	2.08E-02	4.60E-03	9.21E-04	9.21E-11	4.60E-04	1.10E-05	8.11E-06	2.26E-05	7.43E-05	4.40E-04	7.03E-06	1.59E-04	8.06E-03	7.47E-04	9.61E-03
85	SG_85	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6364.900	5.24E-02	1.05E-01	Not Modelled	2.01E-02	4.86E-05	2.29E-02	5.25E-03	1.05E-03	1.05E-10	5.25E-04	1.26E-05	9.25E-06	2.57E-05	8.48E-05	5.01E-04	8.02E-06	1.81E-04	9.19E-03	8.51E-04	1.10E-02

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 2 GRID MAX

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**4.73E-09**	**2.37E-02**	**5.66E-04**	**4.17E-04**	**1.16E-03**	**3.82E-03**	**2.26E-02**	**3.61E-04**	**8.15E-03**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
86	SG_86	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6364.900	5.83E-02	1.17E-01	Not Modelled	2.19E-02	5.41E-05	2.43E-02	5.85E-03	1.17E-03	1.17E-10	5.85E-04	1.40E-05	1.03E-05	2.87E-05	9.44E-05	5.58E-04	8.93E-06	2.02E-04	1.02E-02	9.49E-04	1.22E-02
87	SG_87	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6364.900	6.46E-02	1.30E-01	Not Modelled	2.36E-02	5.99E-05	2.54E-02	6.48E-03	1.30E-03	1.30E-10	6.48E-04	1.55E-05	1.14E-05	3.18E-05	1.05E-04	6.19E-04	9.89E-06	2.23E-04	1.13E-02	1.05E-03	1.35E-02
88	SG_88	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6364.900	7.31E-02	1.47E-01	Not Modelled	2.60E-02	6.79E-05	2.74E-02	7.33E-03	1.47E-03	1.47E-10	7.34E-04	1.76E-05	1.29E-05	3.60E-05	1.18E-04	7.00E-04	1.12E-05	2.53E-04	1.28E-02	1.19E-03	1.53E-02
89	SG_89	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6364.900	9.85E-02	1.98E-01	Not Modelled	3.56E-02	9.14E-05	3.82E-02	9.88E-03	1.98E-03	1.98E-10	9.88E-04	2.36E-05	1.74E-05	4.85E-05	1.60E-04	9.43E-04	1.51E-05	3.41E-04	1.73E-02	1.60E-03	2.06E-02
90	SG_90	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6364.900	9.56E-02	1.92E-01	Not Modelled	3.39E-02	8.87E-05	3.50E-02	9.58E-03	1.92E-03	1.92E-10	9.59E-04	2.29E-05	1.69E-05	4.70E-05	1.55E-04	9.15E-04	1.46E-05	3.30E-04	1.68E-02	1.55E-03	2.00E-02
91	SG_91	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6364.900	8.94E-02	1.79E-01	Not Modelled	3.17E-02	8.29E-05	3.15E-02	8.96E-03	1.79E-03	1.79E-10	8.96E-04	2.14E-05	1.58E-05	4.39E-05	1.45E-04	8.55E-04	1.37E-05	3.09E-04	1.57E-02	1.45E-03	1.87E-02
92	SG_92	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6364.900	9.04E-02	1.81E-01	Not Modelled	3.26E-02	8.38E-05	3.19E-02	9.06E-03	1.81E-03	1.81E-10	9.06E-04	2.17E-05	1.60E-05	4.44E-05	1.46E-04	8.65E-04	1.38E-05	3.12E-04	1.59E-02	1.47E-03	1.89E-02
93	SG_93	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6364.900	9.28E-02	1.86E-01	Not Modelled	3.41E-02	8.60E-05	3.30E-02	9.30E-03	1.86E-03	1.86E-10	9.30E-04	2.22E-05	1.64E-05	4.56E-05	1.50E-04	8.88E-04	1.42E-05	3.21E-04	1.63E-02	1.51E-03	1.94E-02
94	SG_94	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.100	3.32E-02	6.67E-02	Not Modelled	1.81E-02	3.08E-05	1.65E-02	3.33E-03	6.66E-04	6.66E-11	3.33E-04	7.97E-06	5.87E-06	1.63E-05	5.38E-05	3.18E-04	5.08E-06	1.15E-04	5.83E-03	5.40E-04	6.95E-03
95	SG_95	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.100	3.28E-02	6.59E-02	Not Modelled	1.82E-02	3.04E-05	1.68E-02	3.29E-03	6.58E-04	6.58E-11	3.29E-04	7.87E-06	5.80E-06	1.61E-05	5.31E-05	3.14E-04	5.02E-06	1.13E-04	5.76E-03	5.34E-04	6.86E-03
96	SG_96	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.100	3.19E-02	6.40E-02	Not Modelled	1.80E-02	2.96E-05	1.67E-02	3.19E-03	6.39E-04	6.39E-11	3.20E-04	7.64E-06	5.63E-06	1.57E-05	5.16E-05	3.05E-04	4.88E-06	1.10E-04	5.59E-03	5.18E-04	6.67E-03
97	SG_97	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.100	2.98E-02	5.99E-02	Not Modelled	1.68E-02	2.77E-05	1.59E-02	2.99E-03	5.97E-04	5.97E-11	2.99E-04	7.15E-06	5.27E-06	1.47E-05	4.82E-05	2.85E-04	4.56E-06	1.03E-04	5.23E-03	4.85E-04	6.24E-03
98	SG_98	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6365.100	3.02E-02	6.07E-02	Not Modelled	1.72E-02	2.81E-05	1.67E-02	3.03E-03	6.06E-04	6.06E-11	3.03E-04	7.25E-06	5.34E-06	1.49E-05	4.89E-05	2.89E-04	4.63E-06	1.04E-04	5.31E-03	4.92E-04	6.32E-03
99	SG_99	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6365.100	3.19E-02	6.41E-02	Not Modelled	1.84E-02	2.96E-05	1.86E-02	3.20E-03	6.40E-04	6.40E-11	3.20E-04	7.65E-06	5.64E-06	1.57E-05	5.17E-05	3.06E-04	4.88E-06	1.10E-04	5.60E-03	5.19E-04	6.68E-03
100	SG_100	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.100	2.93E-02	5.88E-02	Not Modelled	1.68E-02	2.72E-05	1.72E-02	2.94E-03	5.87E-04	5.87E-11	2.94E-04	7.02E-06	5.18E-06	1.44E-05	4.74E-05	2.80E-04	4.48E-06	1.01E-04	5.14E-03	4.76E-04	6.13E-03
101	SG_101	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.100	2.51E-02	5.05E-02	Not Modelled	1.41E-02	2.33E-05	1.45E-02	2.52E-03	5.03E-04	5.03E-11	2.52E-04	6.02E-06	4.44E-06	1.23E-05	4.06E-05	2.40E-04	3.84E-06	8.67E-05	4.41E-03	4.08E-04	5.25E-03
102	SG_102	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.100	2.36E-02	4.74E-02	Not Modelled	1.31E-02	2.19E-05	1.37E-02	2.36E-03	4.73E-04	4.73E-11	2.37E-04	5.65E-06	4.17E-06	1.16E-05	3.82E-05	2.26E-04	3.61E-06	8.15E-05	4.14E-03	3.84E-04	4.93E-03
103	SG_103	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.100	2.28E-02	4.58E-02	Not Modelled	1.25E-02	2.11E-05	1.34E-02	2.28E-03	4.56E-04	4.56E-11	2.28E-04	5.46E-06	4.02E-06	1.12E-05	3.69E-05	2.18E-04	3.48E-06	7.87E-05	4.00E-03	3.70E-04	4.76E-03
104	SG_104	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.100	2.15E-02	4.32E-02	Not Modelled	1.16E-02	1.99E-05	1.28E-02	2.16E-03	4.31E-04	4.31E-11	2.16E-04	5.16E-06	3.80E-06	1.06E-05	3.48E-05	2.06E-04	3.29E-06	7.43E-05	3.77E-03	3.50E-04	4.50E-03
105	SG_105	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.100	2.01E-02	4.03E-02	Not Modelled	1.06E-02	1.86E-05	1.21E-02	2.01E-03	4.02E-04	4.02E-11	2.01E-04	4.81E-06	3.54E-06	9.86E-06	3.25E-05	1.92E-04	3.07E-06	6.93E-05	3.52E-03	3.26E-04	4.20E-03
106	SG_106	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.100	1.96E-02	3.94E-02	Not Modelled	1.01E-02	1.82E-05	1.20E-02	1.97E-03	3.93E-04	3.93E-11	1.97E-04	4.70E-06	3.47E-06	9.64E-06	3.18E-05	1.88E-04	3.00E-06	6.78E-05	3.44E-03	3.19E-04	4.10E-03
107	SG_107	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.100	1.98E-02	3.98E-02	Not Modelled	9.95E-03	1.84E-05	1.22E-02	1.98E-03	3.97E-04	3.97E-11	1.98E-04	4.75E-06	3.50E-06	9.73E-06	3.20E-05	1.89E-04	3.03E-06	6.84E-05	3.47E-03	3.22E-04	4.14E-03
108	SG_108	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.100	2.03E-02	4.07E-02	Not Modelled	9.87E-03	1.88E-05	1.22E-02	2.03E-03	4.06E-04	4.06E-11	2.03E-04	4.86E-06	3.58E-06	9.96E-06	3.28E-05	1.94E-04	3.10E-06	7.00E-05	3.56E-03	3.30E-04	4.24E-03
109	SG_109	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.100	2.23E-02	4.49E-02	Not Modelled	1.03E-02	2.07E-05	1.28E-02	2.24E-03	4.47E-04	4.47E-11	2.24E-04	5.35E-06	3.94E-06	1.10E-05	3.61E-05	2.14E-04	3.42E-06	7.71E-05	3.92E-03	3.63E-04	4.67E-03
110	SG_110	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.100	2.64E-02	5.30E-02	Not Modelled	1.16E-02	2.45E-05	1.44E-02	2.65E-03	5.29E-04	5.29E-11	2.65E-04	6.33E-06	4.66E-06	1.30E-05	4.27E-05	2.53E-04	4.04E-06	9.12E-05	4.63E-03	4.29E-04	5.52E-03
111	SG_111	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.100	3.27E-02	6.56E-02	Not Modelled	1.37E-02	3.03E-05	1.72E-02	3.28E-03	6.55E-04	6.55E-11	3.28E-04	7.84E-06	5.77E-06	1.61E-05	5.29E-05	3.13E-04	5.00E-06	1.13E-04	5.73E-03	5.31E-04	6.84E-03
112	SG_112	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.100	3.83E-02	7.68E-02	Not Modelled	1.55E-02	3.54E-05	1.95E-02	3.83E-03	7.66E-04	7.66E-11	3.83E-04	9.17E-06	6.75E-06	1.88E-05	6.19E-05	3.66E-04	5.85E-06	1.32E-04	6.71E-03	6.21E-04	8.00E-03
113	SG_113	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.100	4.34E-02	8.71E-02	Not Modelled	1.73E-02	4.02E-05	2.14E-02	4.35E-03	8.70E-04	8.70E-11	4.35E-04	1.04E-05	7.67E-06	2.13E-05	7.02E-05	4.15E-04	6.64E-06	1.50E-04	7.62E-03	7.06E-04	9.08E-03
114	SG_114	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.100	4.74E-02	9.51E-02	Not Modelled	1.85E-02	4.39E-05	2.24E-02	4.75E-03	9.49E-04	9.49E-11	4.75E-04	1.14E-05	8.36E-06	2.33E-05	7.66E-05	4.53E-04	7.25E-06	1.64E-04	8.31E-03	7.70E-04	9.90E-03
115	SG_115	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.100	5.42E-02	1.09E-01	Not Modelled	2.08E-02	5.02E-05	2.46E-02	5.43E-03	1.09E-03	1.09E-10	5.43E-04	1.30E-05	9.56E-06	2.66E-05	8.76E-05	5.18E-04	8.29E-06	1.87E-04	9.50E-03	8.80E-04	1.13E-02
116	SG_116	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.100	6.08E-02	1.22E-01	Not Modelled	2.28E-02	5.63E-05	2.63E-02	6.09E-03	1.22E-03	1.22E-10	6.09E-04	1.46E-05	1.07E-05	2.99E-05	9.83E-05	5.81E-04	9.30E-06	2.10E-04	1.07E-02	9.88E-04	1.27E-02
117	SG_117	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.100	6.85E-02	1.38E-01	Not Modelled	2.50E-02	6.35E-05	2.81E-02	6.87E-03	1.37E-03	1.37E-10	6.87E-04	1.64E-05	1.21E-05	3.37E-05	1.11E-04	6.56E-04	1.05E-05	2.37E-04	1.20E-02	1.11E-03	1.43E-02
118	SG_118	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.100	7.62E-02	1.53E-01	Not Modelled	2.70E-02	7.07E-05	2.94E-02	7.64E-03	1.53E-03	1.53E-10	7.64E-04	1.83E-05	1.35E-05	3.75E-05	1.23E-04	7.29E-04	1.17E-05	2.63E-04	1.34E-02	1.24E-03	1.59E-02
119	SG_119	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.100	9.39E-02	1.89E-01	Not Modelled	3.30E-02	8.71E-05	3.58E-02	9.42E-03	1.88E-03	1.88E-10	9.42E-04	2.25E-05	1.66E-05	4.62E-05	1.52E-04	8.99E-04	1.44E-05	3.25E-04	1.65E-02	1.53E-03	1.97E-02
120	SG_120	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.100	9.59E-02	1.93E-01	Not Modelled	3.34E-02	8.90E-05	3.53E-02	9.62E-03	1.92E-03	1.92E-10	9.62E-04	2.30E-05	1.69E-05	4.72E-05	1.55E-04	9.18E-04	1.47E-05	3.32E-04	1.68E-02	1.56E-03	2.01E-02
121	SG_121	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.100	9.94E-02	1.99E-01	Not Modelled	3.50E-02	9.21E-05	3.63E-02	9.95E-03	1.99E-03	1.99E-10	9.96E-04	2.38E-05	1.75E-05	4.88E-05	1.61E-04	9.51E-04	1.52E-05	3.43E-04	1.74E-02	1.61E-03	2.08E-02
122	SG_122	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.100	1.00E-01	2.01E-01	Not Modelled	3.60E-02	9.28E-05	3.66E-02	1.00E-02	2.01E-03	2.01E-10	1.00E-03	2.40E-05	1.77E-05	4.92E-05	1.62E-04	9.58E-04	1.53E-05	3.46E-04	1.76E-02	1.63E-03	2.09E-02
123	SG_123	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.100	1.07E-01	2.14E-01	Not Modelled	3.94E-02	9.89E-05	3.99E-02	1.07E-02	2.14E-03	2.14E-10	1.07E-03	2.56E-05	1.88E-05	5.24E-05	1.73E-04	1.02E-03	1.63E-05	3.69E-04	1.87E-02	1.73E-03	2.23E-02
124	SG_124	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.100	1.04E-01	2.08E-01	Not Modelled	3.90E-02	9.63E-05	3.87E-02	1.04E-02	2.08E-03	2.08E-10	1.04E-03	2.49E-05	1.83E-05	5.11E-05	1.68E-04	9.94E-04	1.59E-05	3.59E-04	1.82E-02	1.69E-03	2.17E-02
125	SG_125	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.300	3.77E-02	7.58E-02	Not Modelled	1.99E-02	3.50E-05	1.89E-02	3.78E-03	7.56E-04	7.56E-11	3.78E-04	9.04E-06	6.67E-06	1.85E-05	6.11E-05	3.61E-04	5.77E-06	1.30E-04	6.62E-03	6.14E-04	7.89E-03
126	SG_126	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.300	3.72E-02	7.47E-02	Not Modelled	2.00E-02	3.45E-05	1.91E-02	3.73E-03	7.46E-04	7.46E-11	3.73E-04	8.92E-06	6.57E-06	1.83E-05	6.02E-05	3.56E-04	5.69E-06	1.29E-04	6.53E-03	6.05E-04	7.78E-03
127	SG_127	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.300	3.62E-02	7.27E-02	Not Modelled	1.99E-02	3.36E-05	1.91E-02	3.63E-03	7.25E-04	7.25E-11	3.63E-04	8.67E-06	6.39E-06	1.78E-05	5.86E-05	3.46E-04	5.53E-06	1.25E-04	6.35E-03	5.88E-04	7.57E-03
128	SG_128	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.300	3.54E-02	7.12E-02	Not Modelled	1.98E-02	3.29E-05	1.93E-02	3.55E-03	7.10E-04	7.10E-11	3.55E-04	8.49E-06	6.26E-06	1.74E-05	5.73E-05	3.39E-04	5.42E-06	1.22E-04	6.22E-03	5.76E-04	7.41E-03
129	SG_129	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.300	3.58E-02	7.18E-02	Not Modelled	2.03E-02	3.32E-05	2.03E-02	3.59E-03	7.17E-04	7.17E-11	3.59E-04	8.57E-06	6.32E-06	1.76E-05	5.79E-05	3.42E-04	5.47E-06	1.24E-04	6.28E-03	5.82E-04	7.48E-03
130	SG_130	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.300	3.53E-02	7.08E-02	Not Modelled	2.01E-02	3.27E-05	2.06E-02	3.54E-03	7.07E-04	7.07E-11	3.54E-04	8.46E-06	6.23E-06	1.73E-05	5.71E-05	3.38E-04	5.40E-06	1.22E-04	6.19E-03	5.74E-04	7.38E-03
131	SG_131	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.300	3.23E-02	6.49E-02	Not Modelled	1.82E-02	3.00E-05	1.90E-02	3.24E-03	6.47E-04	6.47E-11	3.24E-04	7.74E-06	5.71E-06	1.59E-05	5.23E-05	3.09E-04	4.94E-06	1.12E-04	5.67E-03	5.25E-04	6.76E-03
132	SG_132	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.300	2.96E-02	5.94E-02	Not Modelled	1.66E-02	2.74E-05	1.76E-02	2.96E-03	5.93E-04	5.93E-11	2.97E-04	7.09E-06	5.22E-06	1.45E-05	4.79E-05	2.83E-04	4.52E-06	1.02E-04	5.19E-03	4.81E-04	6.19E-03
133	SG_133	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.300	2.62E-02	5.25E-02	Not Modelled	1.45E-02	2.43E-05	1.55E-02	2.62E-03	5.24E-04	5.24E-11	2.62E-04	6.27E-06	4.62E-06	1.29E-05	4.23E-05	2.50E-04	4.00E-06	9.03E-05	4.59E-03	4.25E-04	5.47E-03
134	SG_134	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.300	2.57E-02	5.17E-02	Not Modelled	1.41E-02	2.39E-05	1.56E-02	2.58E-03	5.15E-04	5.15E-11	2.58E-04	6.16E-06	4.54E-06	1.26E-05	4.16E-05	2.46E-04	3.93E-06	8.88E-05	4.51E-03	4.18E-04	5.38E-03
135	SG_135	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.300	2.43E-02	4.88E-02	Not Modelled	1.31E-02	2.25E-05	1.49E-02	2.43E-03	4.87E-04	4.87E-11	2.44E-04	5.82E-06	4.29E-06	1.19E-05	3.93E-05	2.32E-04	3.72E-06	8.39E-05	4.26E-03	3.95E-04	5.08E-03
136	SG_136	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.300	2.23E-02	4.48E-02	Not Modelled	1.18E-02	2.07E-05	1.37E-02	2.23E-03	4.47E-04	4.47E-11	2.24E-04	5.34E-06	3.94E-06	1.10E-05	3.61E-05	2.13E-04	3.41E-06	7.70E-05	3.91E-03	3.63E-04	4.66E-03
137	SG_137	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.300	2.21E-02	4.45E-02	Not Modelled	1.14E-02	2.05E-05	1.39E-02	2.22E-03	4.43E-04	4.43E-11	2.22E-04	5.30E-06	3.91E-06	1.09E-05	3.58E-05	2.12E-04	3.39E-06	7.64E-05	3.88E-03	3.60E-04	4.63E-03
138	SG_138	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.300	2.20E-02	4.41E-02	Not Modelled	1.10E-02	2.04E-05	1.38E-02	2.20E-03	4.40E-04	4.40E-11	2.20E-04	5.27E-06	3.88E-06	1.08E-05	3.56E-05	2.10E-04	3.36E-06	7.59E-05	3.85E-03	3.57E-04	4.60E-03
139	SG_139	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.300	2.23E-02	4.48E-02	Not Modelled	1.08E-02	2.07E-05	1.37E-02	2.24E-03	4.47E-04	4.47E-11	2.24E-04	5.35E-06	3.94E-06	1.10E-05	3.61E-05	2.14E-04	3.42E-06	7.71E-05	3.92E-03	3.63E-04	4.67E-03
140	SG_140	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.300	2.56E-02	5.14E-02	Not Modelled	1.17E-02	2.37E-05	1.50E-02	2.57E-03	5.13E-04	5.13E-11	2.57E-04	6.14E-06	4.52E-06	1.26E-05	4.14E-05	2.45E-04	3.92E-06	8.84E-05	4.49E-03	4.16E-04	5.35E-03
141	SG_141	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.300	3.01E-02	6.03E-02	Not Modelled	1.30E-02	2.78E-05	1.66E-02	3.01E-03	6.02E-04	6.02E-11	3.01E-04	7.20E-06	5.30E-06	1.48E-05	4.86E-05	2.87E-04	4.60E-06	1.04E-04	5.27E-03	4.88E-04	6.28E-03
142	SG_142	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.300	3.72E-02	7.46E-02	Not Modelled	1.53E-02	3.45E-05	1.98E-02	3.73E-03	7.45E-04	7.45E-11	3.73E-04	8.91E-06	6.57E-06	1.83E-05	6.02E-05	3.56E-04	5.69E-06	1.28E-04	6.52E-03	6.04E-04	7.78E-03
143	SG_143	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.300	4.43E-02	8.88E-02	Not Modelled	1.77E-02	4.10E-05	2.28E-02	4.43E-03	8.86E-04	8.86E-11	4.43E-04	1.06E-05	7.81E-06	2.17E-05	7.16E-05	4.23E-04	6.77E-06	1.53E-04	7.76E-03	7.19E-04	9.25E-03
144	SG_144	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.300	5.10E-02	1.02E-01	Not Modelled	2.01E-02	4.73E-05	2.54E-02	5.11E-03	1.02E-03	1.02E-10	5.11E-04	1.22E-05	9.01E-06	2.51E-05	8.25E-05	4.88E-04	7.80E-06	1.76E-04	8.95E-03	8.29E-04	1.07E-02
145	SG_145	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.300	5.59E-02	1.12E-01	Not Modelled	2.15E-02	5.18E-05	2.65E-02	5.60E-03	1.12E-03	1.12E-10	5.60E-04	1.34E-05	9.86E-06	2.74E-05	9.03E-05	5.34E-04	8.54E-06	1.93E-04	9.80E-03	9.08E-04	1.17E-02
146	SG_146	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.300	6.41E-02	1.29E-01	Not Modelled	2.41E-02	5.94E-05	2.90E-02	6.42E-03	1.28E-03	1.28E-10	6.42E-04	1.54E-05	1.13E-05	3.15E-05	1.04E-04	6.13E-04	9.80E-06	2.21E-04	1.12E-02	1.04E-03	1.34E-02
147	SG_147	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.300	7.40E-02	1.49E-01	Not Modelled	2.71E-02	6.86E-05	3.17E-02	7.42E-03	1.48E-03	1.48E-10	7.42E-04	1.77E-05	1.31E-05	3.64E-05	1.20E-04	7.08E-04	1.13E-05	2.56E-04	1.30E-02	1.20E-03	1.55E-02
148	SG_148	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.300	9.23E-02	1.85E-01	Not Modelled	3.31E-02	8.56E-05	3.82E-02	9.25E-03	1.85E-03	1.85E-10	9.26E-04	2.21E-05	1.63E-05	4.54E-05	1.49E-04	8.84E-04	1.41E-05	3.19E-04	1.62E-02	1.50E-03	1.93E-02
149	SG_149	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.300	9.32E-02	1.87E-01	Not Modelled	3.23E-02	8.64E-05	3.59E-02	9.34E-03	1.87E-03	1.87E-10	9.35E-04	2.24E-05	1.65E-05	4.58E-05	1.51E-04	8.92E-04	1.43E-05	3.22E-04	1.64E-02	1.52E-03	1.95E-02
150	SG_150	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.300	1.08E-01	2.16E-01	Not Modelled	3.73E-02	9.97E-05	4.10E-02	1.08E-02	2.15E-03	2.15E-10	1.08E-03	2.58E-05	1.90E-05	5.28E-05	1.74E-04	1.03E-03	1.65E-05	3.71E-04	1.89E-02	1.75E-03	2.25E-02
151	SG_151	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.300	1.05E-01	2.11E-01	Not Modelled	3.68E-02	9.76E-05	3.94E-02	1.05E-02	2.11E-03	2.11E-10	1.05E-03	2.52E-05	1.86E-05	5.17E-05	1.70E-04	1.01E-03	1.61E-05	3.64E-04	1.85E-02	1.71E-03	2.20E-02
152	SG_152	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.300	1.08E-01	2.16E-01	Not Modelled	3.84E-02	9.96E-05	4.05E-02	1.08E-02	2.15E-03	2.15E-10	1.08E-03	2.58E-05	1.90E-05	5.28E-05	1.74E-04	1.03E-03	1.64E-05	3.71E-04	1.89E-02	1.75E-03	2.25E-02
153	SG_153	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.300	1.08E-01	2.16E-01	Not Modelled	3.92E-02	9.96E-05	4.07E-02	1.08E-02	2.15E-03	2.15E-10	1.08E-03	2.58E-05	1.90E-05	5.28E-05	1.74E-04	1.03E-03	1.64E-05	3.71E-04	1.89E-02	1.75E-03	2.25E-02
154	SG_154	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.300	1.07E-01	2.15E-01	Not Modelled	3.99E-02	9.92E-05	4.07E-02	1.07E-02	2.14E-03	2.14E-10	1.07E-03	2.57E-05	1.89E-05	5.26E-05	1.73E-04	1.02E-03	1.64E-05	3.70E-04	1.88E-02	1.74E-03	2.24E-02
155	SG_155	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.300	1.05E-01	2.11E-01	Not Modelled	3.99E-02	9.74E-05	4.00E-02	1.05E-02	2.10E-03	2.10E-10	1.05E-03	2.52E-05	1.86E-05	5.16E-05	1.70E-04	1.01E-03	1.61E-05	3.63E-04	1.84E-02	1.71E-03	2.20E-02
156	SG_156	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.500	4.11E-02	8.26E-02	Not Modelled	2.09E-02	3.82E-05	2.06E-02	4.12E-03	8.25E-04	8.25E-11	4.13E-04	9.86E-06	7.27E-06	2.02E-05	6.66E-05	3.94E-04	6.29E-06	1.42E-04	7.22E-03	6.69E-04	8.61E-03
157	SG_157	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.500	4.15E-02	8.33E-02	Not Modelled	2.15E-02	3.85E-05	2.12E-02	4.16E-03	8.31E-04	8.31E-11	4.16E-04	9.94E-06	7.33E-06	2.04E-05	6.71E-05	3.97E-04	6.34E-06	1.43E-04	7.28E-03	6.74E-04	8.67E-03
158	SG_158	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.500	4.31E-02	8.66E-02	Not Modelled	2.30E-02	4.00E-05	2.30E-02	4.32E-03	8.65E-04	8.65E-11	4.33E-04	1.03E-05	7.62E-06	2.12E-05	6.98E-05	4.13E-04	6.60E-06	1.49E-04	7.57E-03	7.02E-04	9.03E-03
159	SG_159	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.500	4.22E-02	8.48E-02	Not Modelled	2.31E-02	3.92E-05	2.33E-02	4.23E-03	8.46E-04	8.46E-11	4.24E-04	1.01E-05	7.46E-06	2.08E-05	6.83E-05	4.04E-04	6.46E-06	1.46E-04	7.41E-03	6.87E-04	8.83E-03
160	SG_160	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.500	4.21E-02	8.44E-02	Not Modelled	2.35E-02	3.90E-05	2.41E-02	4.21E-03	8.43E-04	8.43E-11	4.22E-04	1.01E-05	7.43E-06	2.07E-05	6.81E-05	4.02E-04	6.43E-06	1.45E-04	7.38E-03	6.84E-04	8.80E-03
161	SG_161	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.500	3.98E-02	8.00E-02	Not Modelled	2.24E-02	3.69E-05	2.34E-02	3.99E-03	7.98E-04	7.98E-11	3.99E-04	9.55E-06	7.04E-06	1.96E-05	6.45E-05	3.81E-04	6.09E-06	1.38E-04	6.99E-03	6.48E-04	8.33E-03
162	SG_162	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.500	3.80E-02	7.62E-02	Not Modelled	2.13E-02	3.52E-05	2.29E-02	3.80E-03	7.61E-04	7.61E-11	3.81E-04	9.10E-06	6.70E-06	1.87E-05	6.14E-05	3.63E-04	5.81E-06	1.31E-04	6.66E-03	6.17E-04	7.94E-03
163	SG_163	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.500	3.50E-02	7.02E-02	Not Modelled	1.96E-02	3.24E-05	2.14E-02	3.50E-03	7.00E-04	7.00E-11	3.50E-04	8.38E-06	6.17E-06	1.72E-05	5.66E-05	3.34E-04	5.35E-06	1.21E-04	6.13E-03	5.68E-04	7.31E-03
164	SG_164	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.500	3.10E-02	6.23E-02	Not Modelled	1.72E-02	2.88E-05	1.91E-02	3.11E-03	6.22E-04	6.22E-11	3.11E-04	7.44E-06	5.48E-06	1.52E-05	5.02E-05	2.97E-04	4.75E-06	1.07E-04	5.44E-03	5.05E-04	6.49E-03
165	SG_165	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.500	2.93E-02	5.88E-02	Not Modelled	1.61E-02	2.71E-05	1.82E-02	2.93E-03	5.86E-04	5.86E-11	2.93E-04	7.01E-06	5.17E-06	1.44E-05	4.74E-05	2.80E-04	4.48E-06	1.01E-04	5.13E-03	4.76E-04	6.12E-03
166	SG_166	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.500	2.79E-02	5.60E-02	Not Modelled	1.50E-02	2.59E-05	1.75E-02	2.79E-03	5.59E-04	5.59E-11	2.80E-04	6.68E-06	4.93E-06	1.37E-05	4.51E-05	2.67E-04	4.27E-06	9.63E-05	4.89E-03	4.53E-04	5.83E-03
167	SG_167	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.500	2.58E-02	5.19E-02	Not Modelled	1.36E-02	2.40E-05	1.64E-02	2.59E-03	5.18E-04	5.18E-11	2.59E-04	6.19E-06	4.56E-06	1.27E-05	4.18E-05	2.47E-04	3.95E-06	8.92E-05	4.53E-03	4.20E-04	5.40E-03
168	SG_168	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.500	2.51E-02	5.03E-02	Not Modelled	1.29E-02	2.32E-05	1.62E-02	2.51E-03	5.02E-04	5.02E-11	2.51E-04	6.01E-06	4.43E-06	1.23E-05	4.06E-05	2.40E-04	3.83E-06	8.66E-05	4.40E-03	4.08E-04	5.24E-03
169	SG_169	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.500	2.44E-02	4.89E-02	Not Modelled	1.21E-02	2.26E-05	1.57E-02	2.44E-03	4.88E-04	4.88E-11	2.44E-04	5.84E-06	4.30E-06	1.20E-05	3.94E-05	2.33E-04	3.72E-06	8.41E-05	4.27E-03	3.96E-04	5.09E-03
170	SG_170	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.500	2.53E-02	5.08E-02	Not Modelled	1.21E-02	2.34E-05	1.59E-02	2.53E-03	5.06E-04	5.06E-11	2.53E-04	6.06E-06	4.46E-06	1.24E-05	4.09E-05	2.42E-04	3.87E-06	8.73E-05	4.43E-03	4.11E-04	5.29E-03

AQIA DATA - SCENARIO 2 GRID MAX

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**4.73E-09**	**2.37E-02**	**5.66E-04**	**4.17E-04**	**1.16E-03**	**3.82E-03**	**2.26E-02**	**3.61E-04**	**8.15E-03**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
171	SG_171	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.500	2.92E-02	5.85E-02	Not Modelled	1.32E-02	2.70E-05	1.74E-02	2.92E-03	5.84E-04	5.84E-11	2.92E-04	6.99E-06	5.15E-06	1.43E-05	4.72E-05	2.79E-04	4.46E-06	1.01E-04	5.11E-03	4.74E-04	6.10E-03
172	SG_172	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.500	3.51E-02	7.03E-02	Not Modelled	1.49E-02	3.25E-05	1.97E-02	3.51E-03	7.02E-04	7.02E-11	3.51E-04	8.40E-06	6.19E-06	1.72E-05	5.67E-05	3.35E-04	5.36E-06	1.21E-04	6.15E-03	5.70E-04	7.33E-03
173	SG_173	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.500	4.30E-02	8.63E-02	Not Modelled	1.75E-02	3.99E-05	2.32E-02	4.31E-03	8.62E-04	8.62E-11	4.31E-04	1.03E-05	7.60E-06	2.11E-05	6.96E-05	4.12E-04	6.58E-06	1.49E-04	7.55E-03	6.99E-04	8.99E-03
174	SG_174	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.500	5.06E-02	1.01E-01	Not Modelled	2.00E-02	4.68E-05	2.62E-02	5.06E-03	1.01E-03	1.01E-10	5.06E-04	1.21E-05	8.92E-06	2.48E-05	8.17E-05	4.83E-04	7.73E-06	1.75E-04	8.86E-03	8.21E-04	1.06E-02
175	SG_175	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.500	5.82E-02	1.17E-01	Not Modelled	2.26E-02	5.39E-05	2.89E-02	5.83E-03	1.17E-03	1.17E-10	5.83E-04	1.39E-05	1.03E-05	2.86E-05	9.41E-05	5.57E-04	8.90E-06	2.01E-04	1.02E-02	9.45E-04	1.22E-02
176	SG_176	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.500	6.47E-02	1.30E-01	Not Modelled	2.44E-02	6.00E-05	3.05E-02	6.48E-03	1.30E-03	1.30E-10	6.49E-04	1.55E-05	1.14E-05	3.18E-05	1.05E-04	6.19E-04	9.90E-06	2.24E-04	1.14E-02	1.05E-03	1.35E-02
177	SG_177	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.500	7.76E-02	1.56E-01	Not Modelled	2.85E-02	7.20E-05	3.47E-02	7.78E-03	1.56E-03	1.56E-10	7.78E-04	1.86E-05	1.37E-05	3.81E-05	1.26E-04	7.43E-04	1.19E-05	2.68E-04	1.36E-02	1.26E-03	1.62E-02
178	SG_178	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.500	1.01E-01	2.03E-01	Not Modelled	3.64E-02	9.40E-05	4.38E-02	1.02E-02	2.03E-03	2.03E-10	1.02E-03	2.43E-05	1.79E-05	4.98E-05	1.64E-04	9.70E-04	1.55E-05	3.50E-04	1.78E-02	1.65E-03	2.12E-02
179	SG_179	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.500	1.21E-01	2.43E-01	Not Modelled	4.27E-02	1.12E-04	5.06E-02	1.21E-02	2.43E-03	2.43E-10	1.21E-03	2.90E-05	2.14E-05	5.95E-05	1.96E-04	1.16E-03	1.85E-05	4.18E-04	2.12E-02	1.97E-03	2.53E-02
180	SG_180	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.500	1.15E-01	2.30E-01	Not Modelled	3.95E-02	1.06E-04	4.49E-02	1.15E-02	2.30E-03	2.30E-10	1.15E-03	2.75E-05	2.03E-05	5.64E-05	1.86E-04	1.10E-03	1.76E-05	3.97E-04	2.01E-02	1.87E-03	2.40E-02
181	SG_181	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.500	1.23E-01	2.46E-01	Not Modelled	4.29E-02	1.14E-04	4.80E-02	1.23E-02	2.46E-03	2.46E-10	1.23E-03	2.94E-05	2.17E-05	6.03E-05	1.99E-04	1.17E-03	1.88E-05	4.24E-04	2.15E-02	2.00E-03	2.57E-02
182	SG_182	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.500	1.19E-01	2.38E-01	Not Modelled	4.23E-02	1.10E-04	4.63E-02	1.19E-02	2.38E-03	2.38E-10	1.19E-03	2.85E-05	2.10E-05	5.83E-05	1.92E-04	1.14E-03	1.82E-05	4.10E-04	2.08E-02	1.93E-03	2.48E-02
183	SG_183	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.500	1.22E-01	2.44E-01	Not Modelled	4.45E-02	1.13E-04	4.81E-02	1.22E-02	2.44E-03	2.44E-10	1.22E-03	2.92E-05	2.15E-05	5.98E-05	1.97E-04	1.17E-03	1.86E-05	4.21E-04	2.14E-02	1.98E-03	2.55E-02
184	SG_184	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.500	1.20E-01	2.41E-01	Not Modelled	4.48E-02	1.11E-04	4.76E-02	1.20E-02	2.40E-03	2.40E-10	1.20E-03	2.88E-05	2.12E-05	5.90E-05	1.94E-04	1.15E-03	1.84E-05	4.15E-04	2.11E-02	1.95E-03	2.51E-02
185	SG_185	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.500	1.16E-01	2.32E-01	Not Modelled	4.41E-02	1.07E-04	4.60E-02	1.16E-02	2.32E-03	2.32E-10	1.16E-03	2.78E-05	2.05E-05	5.69E-05	1.87E-04	1.11E-03	1.77E-05	4.00E-04	2.03E-02	1.88E-03	2.42E-02
186	SG_186	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.500	1.12E-01	2.25E-01	Not Modelled	4.36E-02	1.04E-04	4.46E-02	1.13E-02	2.25E-03	2.25E-10	1.13E-03	2.69E-05	1.98E-05	5.52E-05	1.82E-04	1.07E-03	1.72E-05	3.88E-04	1.97E-02	1.83E-03	2.35E-02
187	SG_187	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.700	4.52E-02	9.08E-02	Not Modelled	2.24E-02	4.20E-05	2.30E-02	4.53E-03	9.07E-04	9.07E-11	4.54E-04	1.08E-05	7.99E-06	2.22E-05	7.32E-05	4.33E-04	6.92E-06	1.56E-04	7.94E-03	7.36E-04	9.46E-03
188	SG_188	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.700	4.79E-02	9.62E-02	Not Modelled	2.41E-02	4.44E-05	2.50E-02	4.80E-03	9.60E-04	9.60E-11	4.80E-04	1.15E-05	8.46E-06	2.35E-05	7.75E-05	4.58E-04	7.33E-06	1.65E-04	8.40E-03	7.79E-04	1.00E-02
189	SG_189	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.700	4.97E-02	9.98E-02	Not Modelled	2.56E-02	4.61E-05	2.67E-02	4.98E-03	9.97E-04	9.97E-11	4.99E-04	1.19E-05	8.78E-06	2.44E-05	8.05E-05	4.76E-04	7.61E-06	1.72E-04	8.72E-03	8.09E-04	1.04E-02
190	SG_190	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6365.700	5.10E-02	1.03E-01	Not Modelled	2.70E-02	4.74E-05	2.85E-02	5.12E-03	1.02E-03	1.02E-10	5.12E-04	1.22E-05	9.02E-06	2.51E-05	8.26E-05	4.88E-04	7.81E-06	1.76E-04	8.96E-03	8.30E-04	1.07E-02
191	SG_191	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.700	5.08E-02	1.02E-01	Not Modelled	2.77E-02	4.72E-05	2.95E-02	5.10E-03	1.02E-03	1.02E-10	5.10E-04	1.22E-05	8.98E-06	2.50E-05	8.23E-05	4.86E-04	7.78E-06	1.76E-04	8.92E-03	8.27E-04	1.06E-02
192	SG_192	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.700	4.74E-02	9.50E-02	Not Modelled	2.61E-02	4.39E-05	2.82E-02	4.74E-03	9.49E-04	9.49E-11	4.75E-04	1.13E-05	8.36E-06	2.33E-05	7.66E-05	4.53E-04	7.24E-06	1.64E-04	8.31E-03	7.70E-04	9.90E-03
193	SG_193	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.700	4.41E-02	8.85E-02	Not Modelled	2.45E-02	4.09E-05	2.68E-02	4.42E-03	8.84E-04	8.84E-11	4.42E-04	1.06E-05	7.79E-06	2.17E-05	7.13E-05	4.22E-04	6.74E-06	1.52E-04	7.74E-03	7.17E-04	9.22E-03
194	SG_194	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.700	4.14E-02	8.31E-02	Not Modelled	2.30E-02	3.84E-05	2.58E-02	4.15E-03	8.30E-04	8.30E-11	4.15E-04	9.92E-06	7.31E-06	2.03E-05	6.70E-05	3.96E-04	6.33E-06	1.43E-04	7.26E-03	6.73E-04	8.66E-03
195	SG_195	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.700	3.83E-02	7.69E-02	Not Modelled	2.12E-02	3.55E-05	2.44E-02	3.84E-03	7.68E-04	7.68E-11	3.84E-04	9.18E-06	6.77E-06	1.88E-05	6.20E-05	3.66E-04	5.86E-06	1.32E-04	6.72E-03	6.23E-04	8.01E-03
196	SG_196	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.700	3.51E-02	7.04E-02	Not Modelled	1.93E-02	3.25E-05	2.26E-02	3.51E-03	7.03E-04	7.03E-11	3.52E-04	8.40E-06	6.19E-06	1.72E-05	5.67E-05	3.35E-04	5.36E-06	1.21E-04	6.15E-03	5.70E-04	7.33E-03
197	SG_197	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.700	3.25E-02	6.52E-02	Not Modelled	1.74E-02	3.01E-05	2.10E-02	3.25E-03	6.51E-04	6.51E-11	3.26E-04	7.78E-06	5.74E-06	1.60E-05	5.26E-05	3.11E-04	4.97E-06	1.12E-04	5.70E-03	5.28E-04	6.79E-03
198	SG_198	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.700	3.05E-02	6.12E-02	Not Modelled	1.60E-02	2.83E-05	1.99E-02	3.06E-03	6.11E-04	6.11E-11	3.06E-04	7.31E-06	5.39E-06	1.50E-05	4.94E-05	2.92E-04	4.67E-06	1.05E-04	5.35E-03	4.96E-04	6.38E-03
199	SG_199	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.700	2.93E-02	5.88E-02	Not Modelled	1.51E-02	2.72E-05	1.95E-02	2.94E-03	5.87E-04	5.87E-11	2.94E-04	7.02E-06	5.17E-06	1.44E-05	4.74E-05	2.80E-04	4.48E-06	1.01E-04	5.14E-03	4.76E-04	6.13E-03
200	SG_200	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.700	2.80E-02	5.62E-02	Not Modelled	1.39E-02	2.60E-05	1.85E-02	2.81E-03	5.61E-04	5.61E-11	2.81E-04	6.71E-06	4.95E-06	1.38E-05	4.53E-05	2.68E-04	4.28E-06	9.67E-05	4.91E-03	4.55E-04	5.86E-03
201	SG_201	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.700	2.88E-02	5.77E-02	Not Modelled	1.37E-02	2.67E-05	1.85E-02	2.88E-03	5.76E-04	5.76E-11	2.88E-04	6.89E-06	5.08E-06	1.41E-05	4.65E-05	2.75E-04	4.40E-06	9.93E-05	5.04E-03	4.67E-04	6.01E-03
202	SG_202	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.700	3.41E-02	6.85E-02	Not Modelled	1.52E-02	3.16E-05	2.07E-02	3.42E-03	6.84E-04	6.84E-11	3.42E-04	8.18E-06	6.03E-06	1.68E-05	5.52E-05	3.26E-04	5.22E-06	1.18E-04	5.98E-03	5.55E-04	7.13E-03
203	SG_203	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.700	4.19E-02	8.41E-02	Not Modelled	1.76E-02	3.88E-05	2.40E-02	4.20E-03	8.40E-04	8.40E-11	4.20E-04	1.00E-05	7.40E-06	2.06E-05	6.78E-05	4.01E-04	6.41E-06	1.45E-04	7.35E-03	6.81E-04	8.76E-03
204	SG_204	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.700	5.09E-02	1.02E-01	Not Modelled	2.04E-02	4.71E-05	2.78E-02	5.09E-03	1.02E-03	1.02E-10	5.10E-04	1.22E-05	8.98E-06	2.50E-05	8.23E-05	4.86E-04	7.78E-06	1.76E-04	8.92E-03	8.26E-04	1.06E-02
205	SG_205	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.700	5.95E-02	1.19E-01	Not Modelled	2.33E-02	5.51E-05	3.11E-02	5.96E-03	1.19E-03	1.19E-10	5.96E-04	1.43E-05	1.05E-05	2.92E-05	9.62E-05	5.69E-04	9.10E-06	2.05E-04	1.04E-02	9.66E-04	1.24E-02
206	SG_206	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.700	7.15E-02	1.43E-01	Not Modelled	2.73E-02	6.62E-05	3.57E-02	7.16E-03	1.43E-03	1.43E-10	7.16E-04	1.71E-05	1.26E-05	3.51E-05	1.16E-04	6.84E-04	1.09E-05	2.47E-04	1.25E-02	1.16E-03	1.49E-02
207	SG_207	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.700	8.36E-02	1.68E-01	Not Modelled	3.09E-02	7.75E-05	3.93E-02	8.37E-03	1.67E-03	1.67E-10	8.37E-04	2.00E-05	1.48E-05	4.11E-05	1.35E-04	8.00E-04	1.28E-05	2.89E-04	1.47E-02	1.36E-03	1.75E-02
208	SG_208	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.700	1.03E-01	2.07E-01	Not Modelled	3.69E-02	9.56E-05	4.58E-02	1.03E-02	2.07E-03	2.07E-10	1.03E-03	2.47E-05	1.82E-05	5.07E-05	1.67E-04	9.87E-04	1.58E-05	3.56E-04	1.81E-02	1.68E-03	2.16E-02
209	SG_209	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.700	1.34E-01	2.68E-01	Not Modelled	4.70E-02	1.24E-04	5.79E-02	1.34E-02	2.67E-03	2.67E-10	1.34E-03	3.20E-05	2.36E-05	6.56E-05	2.16E-04	1.28E-03	2.04E-05	4.61E-04	2.34E-02	2.17E-03	2.79E-02
210	SG_210	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.700	1.31E-01	2.62E-01	Not Modelled	4.49E-02	1.21E-04	5.33E-02	1.31E-02	2.62E-03	2.62E-10	1.31E-03	3.13E-05	2.31E-05	6.42E-05	2.12E-04	1.25E-03	2.00E-05	4.52E-04	2.29E-02	2.12E-03	2.73E-02
211	SG_211	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.700	1.38E-01	2.76E-01	Not Modelled	4.79E-02	1.28E-04	5.59E-02	1.38E-02	2.76E-03	2.76E-10	1.38E-03	3.30E-05	2.43E-05	6.77E-05	2.23E-04	1.32E-03	2.11E-05	4.76E-04	2.42E-02	2.24E-03	2.88E-02
212	SG_212	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.700	1.37E-01	2.75E-01	Not Modelled	4.87E-02	1.27E-04	5.57E-02	1.37E-02	2.74E-03	2.74E-10	1.37E-03	3.28E-05	2.42E-05	6.73E-05	2.22E-04	1.31E-03	2.09E-05	4.73E-04	2.40E-02	2.23E-03	2.86E-02
213	SG_213	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.700	1.35E-01	2.71E-01	Not Modelled	4.93E-02	1.25E-04	5.54E-02	1.35E-02	2.71E-03	2.71E-10	1.35E-03	3.24E-05	2.39E-05	6.64E-05	2.18E-04	1.29E-03	2.07E-05	4.67E-04	2.37E-02	2.20E-03	2.82E-02
214	SG_214	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.700	1.37E-01	2.74E-01	Not Modelled	5.11E-02	1.26E-04	5.66E-02	1.37E-02	2.73E-03	2.73E-10	1.37E-03	3.27E-05	2.41E-05	6.70E-05	2.21E-04	1.31E-03	2.09E-05	4.71E-04	2.39E-02	2.22E-03	2.85E-02
215	SG_215	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.700	1.33E-01	2.66E-01	Not Modelled	5.07E-02	1.23E-04	5.52E-02	1.33E-02	2.65E-03	2.65E-10	1.33E-03	3.18E-05	2.34E-05	6.51E-05	2.14E-04	1.27E-03	2.03E-05	4.58E-04	2.32E-02	2.15E-03	2.77E-02
216	SG_216	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.700	1.28E-01	2.56E-01	Not Modelled	4.97E-02	1.18E-04	5.30E-02	1.28E-02	2.55E-03	2.55E-10	1.28E-03	3.06E-05	2.25E-05	6.26E-05	2.06E-04	1.22E-03	1.95E-05	4.40E-04	2.24E-02	2.07E-03	2.67E-02
217	SG_217	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.700	1.22E-01	2.45E-01	Not Modelled	4.84E-02	1.13E-04	5.06E-02	1.22E-02	2.45E-03	2.45E-10	1.22E-03	2.93E-05	2.16E-05	6.00E-05	1.98E-04	1.17E-03	1.87E-05	4.22E-04	2.14E-02	1.98E-03	2.55E-02
218	SG_218	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6365.900	4.77E-02	9.58E-02	Not Modelled	2.32E-02	4.43E-05	2.49E-02	4.78E-03	9.57E-04	9.57E-11	4.79E-04	1.14E-05	8.43E-06	2.35E-05	7.73E-05	4.57E-04	7.30E-06	1.65E-04	8.38E-03	7.76E-04	9.99E-03
219	SG_219	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6365.900	5.07E-02	1.02E-01	Not Modelled	2.47E-02	4.70E-05	2.67E-02	5.08E-03	1.02E-03	1.02E-10	5.08E-04	1.22E-05	8.96E-06	2.49E-05	8.20E-05	4.85E-04	7.75E-06	1.75E-04	8.89E-03	8.24E-04	1.06E-02
220	SG_220	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6365.900	5.45E-02	1.09E-01	Not Modelled	2.69E-02	5.05E-05	2.94E-02	5.46E-03	1.09E-03	1.09E-10	5.46E-04	1.31E-05	9.63E-06	2.68E-05	8.82E-05	5.21E-04	8.33E-06	1.88E-04	9.56E-03	8.86E-04	1.14E-02
221	SG_221	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.900	5.71E-02	1.15E-01	Not Modelled	2.89E-02	5.30E-05	3.17E-02	5.73E-03	1.15E-03	1.15E-10	5.73E-04	1.37E-05	1.01E-05	2.81E-05	9.25E-05	5.47E-04	8.74E-06	1.97E-04	1.00E-02	9.30E-04	1.20E-02
222	SG_222	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.900	6.10E-02	1.22E-01	Not Modelled	3.19E-02	5.65E-05	3.56E-02	6.11E-03	1.22E-03	1.22E-10	6.11E-04	1.46E-05	1.08E-05	3.00E-05	9.86E-05	5.83E-04	9.32E-06	2.10E-04	1.07E-02	9.91E-04	1.27E-02
223	SG_223	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.900	5.64E-02	1.13E-01	Not Modelled	3.00E-02	5.23E-05	3.35E-02	5.65E-03	1.13E-03	1.13E-10	5.65E-04	1.35E-05	9.96E-06	2.77E-05	9.12E-05	5.39E-04	8.62E-06	1.95E-04	9.89E-03	9.17E-04	1.18E-02
224	SG_224	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.900	5.52E-02	1.11E-01	Not Modelled	3.01E-02	5.12E-05	3.42E-02	5.53E-03	1.11E-03	1.11E-10	5.54E-04	1.32E-05	9.75E-06	2.71E-05	8.93E-05	5.28E-04	8.44E-06	1.91E-04	9.68E-03	8.98E-04	1.15E-02
225	SG_225	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.900	5.11E-02	1.02E-01	Not Modelled	2.81E-02	4.74E-05	3.25E-02	5.12E-03	1.02E-03	1.02E-10	5.12E-04	1.22E-05	9.02E-06	2.51E-05	8.26E-05	4.88E-04	7.81E-06	1.76E-04	8.96E-03	8.30E-04	1.07E-02
226	SG_226	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.900	4.73E-02	9.49E-02	Not Modelled	2.60E-02	4.39E-05	3.07E-02	4.74E-03	9.47E-04	9.47E-11	4.74E-04	1.13E-05	8.35E-06	2.32E-05	7.65E-05	4.52E-04	7.23E-06	1.63E-04	8.29E-03	7.69E-04	9.89E-03
227	SG_227	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.900	4.35E-02	8.73E-02	Not Modelled	2.38E-02	4.04E-05	2.89E-02	4.36E-03	8.72E-04	8.72E-11	4.36E-04	1.04E-05	7.69E-06	2.14E-05	7.04E-05	4.16E-04	6.66E-06	1.50E-04	7.63E-03	7.08E-04	9.10E-03
228	SG_228	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.900	4.00E-02	8.03E-02	Not Modelled	2.16E-02	3.71E-05	2.69E-02	4.01E-03	8.02E-04	8.02E-11	4.01E-04	9.59E-06	7.07E-06	1.97E-05	6.48E-05	3.83E-04	6.12E-06	1.38E-04	7.02E-03	6.51E-04	8.37E-03
229	SG_229	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.900	3.70E-02	7.43E-02	Not Modelled	1.94E-02	3.43E-05	2.49E-02	3.71E-03	7.42E-04	7.42E-11	3.71E-04	8.87E-06	6.54E-06	1.82E-05	5.99E-05	3.54E-04	5.66E-06	1.28E-04	6.50E-03	6.02E-04	7.74E-03
230	SG_230	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.900	3.44E-02	6.90E-02	Not Modelled	1.76E-02	3.19E-05	2.34E-02	3.44E-03	6.88E-04	6.88E-11	3.44E-04	8.23E-06	6.07E-06	1.69E-05	5.56E-05	3.29E-04	5.25E-06	1.19E-04	6.03E-03	5.58E-04	7.18E-03
231	SG_231	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.900	3.21E-02	6.44E-02	Not Modelled	1.59E-02	2.97E-05	2.17E-02	3.21E-03	6.43E-04	6.43E-11	3.22E-04	7.69E-06	5.67E-06	1.58E-05	5.19E-05	3.07E-04	4.91E-06	1.11E-04	5.63E-03	5.22E-04	6.71E-03
232	SG_232	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.900	3.34E-02	6.70E-02	Not Modelled	1.58E-02	3.10E-05	2.20E-02	3.35E-03	6.69E-04	6.69E-11	3.35E-04	8.01E-06	5.90E-06	1.64E-05	5.40E-05	3.20E-04	5.11E-06	1.15E-04	5.86E-03	5.43E-04	6.98E-03
233	SG_233	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6365.900	3.98E-02	7.98E-02	Not Modelled	1.75E-02	3.68E-05	2.46E-02	3.98E-03	7.96E-04	7.96E-11	3.98E-04	9.53E-06	7.02E-06	1.95E-05	6.43E-05	3.80E-04	6.08E-06	1.37E-04	6.97E-03	6.46E-04	8.31E-03
234	SG_234	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.900	5.10E-02	1.02E-01	Not Modelled	2.11E-02	4.72E-05	2.97E-02	5.10E-03	1.02E-03	1.02E-10	5.10E-04	1.22E-05	9.00E-06	2.50E-05	8.24E-05	4.87E-04	7.79E-06	1.76E-04	8.93E-03	8.28E-04	1.07E-02
235	SG_235	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6365.900	6.19E-02	1.24E-01	Not Modelled	2.46E-02	5.73E-05	3.43E-02	6.20E-03	1.24E-03	1.24E-10	6.20E-04	1.48E-05	1.09E-05	3.04E-05	1.00E-04	5.92E-04	9.46E-06	2.14E-04	1.09E-02	1.01E-03	1.29E-02
236	SG_236	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.900	7.35E-02	1.47E-01	Not Modelled	2.84E-02	6.81E-05	3.88E-02	7.36E-03	1.47E-03	1.47E-10	7.36E-04	1.76E-05	1.30E-05	3.61E-05	1.19E-04	7.03E-04	1.12E-05	2.54E-04	1.29E-02	1.19E-03	1.54E-02
237	SG_237	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.900	8.90E-02	1.78E-01	Not Modelled	3.32E-02	8.24E-05	4.42E-02	8.91E-03	1.78E-03	1.78E-10	8.91E-04	2.13E-05	1.57E-05	4.37E-05	1.44E-04	8.51E-04	1.36E-05	3.07E-04	1.56E-02	1.45E-03	1.86E-02
238	SG_238	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.900	1.09E-01	2.19E-01	Not Modelled	3.93E-02	1.01E-04	5.09E-02	1.09E-02	2.19E-03	2.19E-10	1.09E-03	2.62E-05	1.93E-05	5.36E-05	1.77E-04	1.04E-03	1.67E-05	3.77E-04	1.91E-02	1.77E-03	2.28E-02
239	SG_239	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.900	1.35E-01	2.70E-01	Not Modelled	4.68E-02	1.25E-04	5.93E-02	1.35E-02	2.69E-03	2.69E-10	1.35E-03	3.22E-05	2.38E-05	6.61E-05	2.18E-04	1.29E-03	2.06E-05	4.65E-04	2.36E-02	2.19E-03	2.81E-02
240	SG_240	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.900	1.43E-01	2.87E-01	Not Modelled	4.89E-02	1.33E-04	6.03E-02	1.43E-02	2.86E-03	2.86E-10	1.43E-03	3.43E-05	2.52E-05	7.03E-05	2.31E-04	1.37E-03	2.19E-05	4.94E-04	2.51E-02	2.32E-03	2.99E-02
241	SG_241	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.900	1.55E-01	3.10E-01	Not Modelled	5.36E-02	1.43E-04	6.49E-02	1.55E-02	3.09E-03	3.09E-10	1.55E-03	3.70E-05	2.73E-05	7.59E-05	2.50E-04	1.48E-03	2.36E-05	5.34E-04	2.71E-02	2.51E-03	3.23E-02
242	SG_242	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6365.900	1.63E-01	3.27E-01	Not Modelled	5.82E-02	1.51E-04	6.96E-02	1.63E-02	3.27E-03	3.27E-10	1.63E-03	3.91E-05	2.88E-05	8.01E-05	2.64E-04	1.56E-03	2.49E-05	5.63E-04	2.86E-02	2.65E-03	3.41E-02
243	SG_243	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6365.900	1.57E-01	3.14E-01	Not Modelled	5.73E-02	1.45E-04	6.72E-02	1.57E-02	3.14E-03	3.14E-10	1.57E-03	3.75E-05	2.76E-05	7.69E-05	2.53E-04	1.50E-03	2.40E-05	5.41E-04	2.75E-02	2.54E-03	3.27E-02
244	SG_244	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.900	1.53E-01	3.05E-01	Not Modelled	5.72E-02	1.41E-04	6.59E-02	1.53E-02	3.05E-03	3.05E-10	1.53E-03	3.65E-05	2.69E-05	7.48E-05	2.46E-04	1.46E-03	2.33E-05	5.26E-04	2.67E-02	2.48E-03	3.18E-02
245	SG_245	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.900	1.41E-01	2.83E-01	Not Modelled	5.41E-02	1.31E-04	6.11E-02	1.41E-02	2.83E-03	2.83E-10	1.41E-03	3.38E-05	2.49E-05	6.93E-05	2.28E-04	1.35E-03	2.16E-05	4.87E-04	2.47E-02	2.29E-03	2.95E-02
246	SG_246	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.900	1.35E-01	2.69E-01	Not Modelled	5.25E-02	1.25E-04	5.82E-02	1.35E-02	2.69E-03	2.69E-10	1.35E-03	3.22E-05	2.37E-05	6.60E-05	2.17E-04	1.29E-03	2.06E-05	4.64E-04	2.36E-02	2.18E-03	2.81E-02
247	SG_247	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.900	1.32E-01	2.64E-01	Not Modelled	5.23E-02	1.22E-04	5.70E-02	1.32E-02	2.64E-03	2.64E-10	1.32E-03	3.16E-05	2.33E-05	6.47E-05	2.13E-04	1.26E-03	2.02E-05	4.55E-04	2.31E-02	2.14E-03	2.75E-02
248	SG_248	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.900	1.25E-01	2.51E-01	Not Modelled	5.02E-02	1.16E-04	5.37E-02	1.25E-02	2.50E-03	2.50E-10	1.25E-03	3.00E-05	2.21E-05	6.14E-05	2.02E-04	1.20E-03	1.91E-05	4.32E-04	2.19E-02	2.03E-03	2.61E-02
249	SG_249	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.100	4.81E-02	9.66E-02	Not Modelled	2.32E-02	4.47E-05	2.62E-02	4.82E-03	9.65E-04	9.65E-11	4.83E-04	1.15E-05	8.50E-06	2.37E-05	7.79E-05	4.61E-04	7.36E-06	1.66E-04	8.45E-03	7.83E-04	1.01E-02
250	SG_250	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.100	5.19E-02	1.04E-01	Not Modelled	2.48E-02	4.81E-05	2.81E-02	5.20E-03	1.04E-03	1.04E-10	5.20E-04	1.24E-05	9.17E-06	2.55E-05	8.40E-05	4.96E-04	7.94E-06	1.79E-04	9.10E-03	8.44E-04	1.09E-02
251	SG_251	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.100	5.77E-02	1.16E-01	Not Modelled	2.77E-02	5.35E-05	3.17E-02	5.78E-03	1.16E-03	1.16E-10	5.78E-04	1.38E-05	1.02E-05	2.83E-05	9.33E-05	5.52E-04	8.82E-06	1.99E-04	1.01E-02	9.38E-04	1.21E-02
252	SG_252	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.100	6.23E-02	1.25E-01	Not Modelled	3.03E-02	5.78E-05	3.49E-02	6.25E-03	1.25E-03	1.25E-10	6.25E-04	1.49E-05	1.10E-05	3.06E-05	1.01E-04	5.97E-04	9.54E-06	2.15E-04	1.09E-02	1.01E-03	1.30E-02
253	SG_253	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.100	6.77E-02	1.36E-01	Not Modelled	3.36E-02	6.28E-05	3.92E-02	6.79E-03	1.36E-03	1.36E-10	6.79E-04	1.62E-05	1.20E-05	3.33E-05	1.10E-04	6.48E-04	1.04E-05	2.34E-04	1.19E-02	1.10E-03	1.42E-02
254	SG_254	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.100	7.00E-02	1.41E-01	Not Modelled	3.57E-02	6.49E-05	4.19E-02	7.02E-03	1.40E-03	1.40E-10	7.02E-04	1.68E-05	1.24E-05	3.44E-05	1.13E-04	6.70E-04	1.07E-05	2.42E-04	1.23E-02	1.14E-03	1.46E-02
255	SG_255	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.100	6.86E-02	1.38E-01	Not Modelled	3.60E-02	6.36E-05	4.26E-02	6.88E-03	1.38E-03	1.38E-10	6.88E-04	1.64E-05	1.21E-05	3.37E-05	1.11E-04	6.56E-04	1.05E-05	2.37E-04	1.20E-02	1.12E-03	1.44E-02

AQIA DATA - SCENARIO 2 GRID MAX

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**4.73E-09**	**2.37E-02**	**5.66E-04**	**4.17E-04**	**1.16E-03**	**3.82E-03**	**2.26E-02**	**3.61E-04**	**8.15E-03**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
256	SG_256	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.100	6.46E-02	1.30E-01	Not Modelled	3.47E-02	5.99E-05	4.15E-02	6.47E-03	1.29E-03	1.29E-10	6.47E-04	1.55E-05	1.14E-05	3.17E-05	1.04E-04	6.17E-04	9.87E-06	2.23E-04	1.13E-02	1.05E-03	1.35E-02
257	SG_257	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.100	6.07E-02	1.22E-01	Not Modelled	3.30E-02	5.63E-05	4.03E-02	6.08E-03	1.22E-03	1.22E-10	6.08E-04	1.45E-05	1.07E-05	2.98E-05	9.82E-05	5.80E-04	9.28E-06	2.10E-04	1.06E-02	9.87E-04	1.27E-02
258	SG_258	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.100	5.55E-02	1.11E-01	Not Modelled	3.01E-02	5.15E-05	3.76E-02	5.56E-03	1.11E-03	1.11E-10	5.56E-04	1.33E-05	9.80E-06	2.73E-05	8.98E-05	5.31E-04	8.49E-06	1.92E-04	9.74E-03	9.02E-04	1.16E-02
259	SG_259	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.100	5.07E-02	1.02E-01	Not Modelled	2.72E-02	4.69E-05	3.50E-02	5.07E-03	1.01E-03	1.01E-10	5.07E-04	1.21E-05	8.94E-06	2.49E-05	8.19E-05	4.84E-04	7.74E-06	1.75E-04	8.88E-03	8.23E-04	1.06E-02
260	SG_260	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.100	4.56E-02	9.14E-02	Not Modelled	2.38E-02	4.23E-05	3.14E-02	4.56E-03	9.13E-04	9.13E-11	4.57E-04	1.09E-05	8.05E-06	2.24E-05	7.37E-05	4.36E-04	6.97E-06	1.57E-04	7.99E-03	7.41E-04	9.53E-03
261	SG_261	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.100	4.20E-02	8.42E-02	Not Modelled	2.14E-02	3.89E-05	2.92E-02	4.20E-03	8.41E-04	8.41E-11	4.21E-04	1.01E-05	7.41E-06	2.06E-05	6.79E-05	4.01E-04	6.42E-06	1.45E-04	7.36E-03	6.82E-04	8.78E-03
262	SG_262	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.100	3.92E-02	7.87E-02	Not Modelled	1.94E-02	3.64E-05	2.74E-02	3.93E-03	7.86E-04	7.86E-11	3.93E-04	9.40E-06	6.92E-06	1.93E-05	6.34E-05	3.75E-04	6.00E-06	1.35E-04	6.88E-03	6.37E-04	8.20E-03
263	SG_263	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6366.100	4.02E-02	8.06E-02	Not Modelled	1.88E-02	3.72E-05	2.72E-02	4.02E-03	8.04E-04	8.04E-11	4.02E-04	9.62E-06	7.09E-06	1.97E-05	6.50E-05	3.84E-04	6.14E-06	1.39E-04	7.04E-03	6.53E-04	8.40E-03
264	SG_264	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6366.100	4.97E-02	9.96E-02	Not Modelled	2.16E-02	4.60E-05	3.15E-02	4.97E-03	9.95E-04	9.95E-11	4.98E-04	1.19E-05	8.77E-06	2.44E-05	8.03E-05	4.75E-04	7.59E-06	1.71E-04	8.71E-03	8.07E-04	1.04E-02
265	SG_265	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.100	6.98E-02	1.40E-01	Not Modelled	2.85E-02	6.46E-05	4.19E-02	6.98E-03	1.40E-03	1.40E-10	6.99E-04	1.67E-05	1.23E-05	3.43E-05	1.13E-04	6.67E-04	1.07E-05	2.41E-04	1.22E-02	1.13E-03	1.46E-02
266	SG_266	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.100	7.96E-02	1.59E-01	Not Modelled	3.12E-02	7.37E-05	4.49E-02	7.96E-03	1.59E-03	1.59E-10	7.96E-04	1.91E-05	1.40E-05	3.90E-05	1.29E-04	7.60E-04	1.22E-05	2.75E-04	1.39E-02	1.29E-03	1.66E-02
267	SG_267	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.100	9.20E-02	1.84E-01	Not Modelled	3.49E-02	8.52E-05	4.87E-02	9.21E-03	1.84E-03	1.84E-10	9.21E-04	2.20E-05	1.62E-05	4.51E-05	1.49E-04	8.79E-04	1.41E-05	3.17E-04	1.61E-02	1.49E-03	1.92E-02
268	SG_268	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.100	1.13E-01	2.26E-01	Not Modelled	4.11E-02	1.05E-04	5.56E-02	1.13E-02	2.26E-03	2.26E-10	1.13E-03	2.71E-05	1.99E-05	5.55E-05	1.83E-04	1.08E-03	1.73E-05	3.90E-04	1.98E-02	1.83E-03	2.36E-02
269	SG_269	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.100	1.40E-01	2.81E-01	Not Modelled	4.90E-02	1.30E-04	6.45E-02	1.41E-02	2.81E-03	2.81E-10	1.41E-03	3.36E-05	2.48E-05	6.90E-05	2.27E-04	1.34E-03	2.15E-05	4.85E-04	2.46E-02	2.28E-03	2.93E-02
270	SG_270	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6366.100	1.67E-01	3.35E-01	Not Modelled	5.73E-02	1.55E-04	7.38E-02	1.67E-02	3.35E-03	3.35E-10	1.67E-03	4.01E-05	2.95E-05	8.21E-05	2.70E-04	1.60E-03	2.56E-05	5.77E-04	2.93E-02	2.72E-03	3.49E-02
271	SG_271	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6366.100	1.84E-01	3.69E-01	Not Modelled	6.40E-02	1.71E-04	8.11E-02	1.85E-02	3.69E-03	3.69E-10	1.85E-03	4.42E-05	3.25E-05	9.05E-05	2.98E-04	1.76E-03	2.82E-05	6.36E-04	3.23E-02	2.99E-03	3.85E-02
272	SG_272	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.100	1.89E-01	3.78E-01	Not Modelled	6.75E-02	1.75E-04	8.41E-02	1.89E-02	3.78E-03	3.78E-10	1.89E-03	4.52E-05	3.33E-05	9.27E-05	3.05E-04	1.81E-03	2.89E-05	6.52E-04	3.31E-02	3.07E-03	3.95E-02
273	SG_273	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.100	1.83E-01	3.67E-01	Not Modelled	6.73E-02	1.70E-04	8.25E-02	1.83E-02	3.67E-03	3.67E-10	1.83E-03	4.39E-05	3.23E-05	9.00E-05	2.96E-04	1.75E-03	2.80E-05	6.32E-04	3.21E-02	2.98E-03	3.83E-02
274	SG_274	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.100	1.69E-01	3.38E-01	Not Modelled	6.36E-02	1.56E-04	7.63E-02	1.69E-02	3.38E-03	3.38E-10	1.69E-03	4.04E-05	2.98E-05	8.29E-05	2.73E-04	1.61E-03	2.58E-05	5.83E-04	2.96E-02	2.74E-03	3.53E-02
275	SG_275	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.100	1.64E-01	3.28E-01	Not Modelled	6.31E-02	1.51E-04	7.44E-02	1.64E-02	3.27E-03	3.27E-10	1.64E-03	3.92E-05	2.89E-05	8.03E-05	2.64E-04	1.56E-03	2.50E-05	5.64E-04	2.87E-02	2.66E-03	3.42E-02
276	SG_276	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.100	1.51E-01	3.03E-01	Not Modelled	5.93E-02	1.40E-04	6.86E-02	1.51E-02	3.02E-03	3.02E-10	1.51E-03	3.62E-05	2.67E-05	7.42E-05	2.44E-04	1.44E-03	2.31E-05	5.21E-04	2.65E-02	2.45E-03	3.16E-02
277	SG_277	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.100	1.45E-01	2.91E-01	Not Modelled	5.78E-02	1.34E-04	6.57E-02	1.45E-02	2.90E-03	2.90E-10	1.45E-03	3.47E-05	2.56E-05	7.12E-05	2.34E-04	1.39E-03	2.22E-05	5.01E-04	2.54E-02	2.36E-03	3.03E-02
278	SG_278	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.100	1.37E-01	2.75E-01	Not Modelled	5.54E-02	1.27E-04	6.18E-02	1.37E-02	2.75E-03	2.75E-10	1.37E-03	3.29E-05	2.42E-05	6.74E-05	2.22E-04	1.31E-03	2.10E-05	4.74E-04	2.41E-02	2.23E-03	2.87E-02
279	SG_279	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6366.100	1.32E-01	2.64E-01	Not Modelled	5.37E-02	1.22E-04	5.90E-02	1.32E-02	2.64E-03	2.64E-10	1.32E-03	3.16E-05	2.32E-05	6.47E-05	2.13E-04	1.26E-03	2.01E-05	4.55E-04	2.31E-02	2.14E-03	2.75E-02
280	SG_280	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.300	4.68E-02	9.39E-02	Not Modelled	2.32E-02	4.34E-05	2.75E-02	4.69E-03	9.38E-04	9.38E-11	4.69E-04	1.12E-05	8.26E-06	2.30E-05	7.57E-05	4.48E-04	7.16E-06	1.62E-04	8.21E-03	7.61E-04	9.78E-03
281	SG_281	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.300	5.07E-02	1.02E-01	Not Modelled	2.45E-02	4.70E-05	2.91E-02	5.08E-03	1.02E-03	1.02E-10	5.09E-04	1.22E-05	8.96E-06	2.49E-05	8.21E-05	4.85E-04	7.76E-06	1.75E-04	8.90E-03	8.25E-04	1.06E-02
282	SG_282	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.300	5.67E-02	1.14E-01	Not Modelled	2.70E-02	5.26E-05	3.23E-02	5.68E-03	1.14E-03	1.14E-10	5.69E-04	1.36E-05	1.00E-05	2.79E-05	9.18E-05	5.43E-04	8.68E-06	1.96E-04	9.95E-03	9.22E-04	1.19E-02
283	SG_283	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.300	6.40E-02	1.29E-01	Not Modelled	3.02E-02	5.94E-05	3.65E-02	6.42E-03	1.28E-03	1.28E-10	6.42E-04	1.53E-05	1.13E-05	3.15E-05	1.04E-04	6.13E-04	9.79E-06	2.21E-04	1.12E-02	1.04E-03	1.34E-02
284	SG_284	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.300	7.31E-02	1.47E-01	Not Modelled	3.47E-02	6.78E-05	4.24E-02	7.33E-03	1.47E-03	1.47E-10	7.33E-04	1.75E-05	1.29E-05	3.59E-05	1.18E-04	6.99E-04	1.12E-05	2.52E-04	1.28E-02	1.19E-03	1.53E-02
285	SG_285	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.300	8.02E-02	1.61E-01	Not Modelled	3.87E-02	7.44E-05	4.77E-02	8.04E-03	1.61E-03	1.61E-10	8.05E-04	1.92E-05	1.42E-05	3.94E-05	1.30E-04	7.67E-04	1.23E-05	2.77E-04	1.41E-02	1.30E-03	1.68E-02
286	SG_286	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.300	8.34E-02	1.67E-01	Not Modelled	4.14E-02	7.73E-05	5.13E-02	8.35E-03	1.67E-03	1.67E-10	8.36E-04	2.00E-05	1.47E-05	4.10E-05	1.35E-04	7.97E-04	1.27E-05	2.88E-04	1.46E-02	1.36E-03	1.74E-02
287	SG_287	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.300	8.33E-02	1.67E-01	Not Modelled	4.29E-02	7.72E-05	5.36E-02	8.34E-03	1.67E-03	1.67E-10	8.35E-04	2.00E-05	1.47E-05	4.09E-05	1.35E-04	7.96E-04	1.27E-05	2.87E-04	1.46E-02	1.35E-03	1.74E-02
288	SG_288	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.300	7.82E-02	1.57E-01	Not Modelled	4.14E-02	7.24E-05	5.23E-02	7.82E-03	1.56E-03	1.56E-10	7.83E-04	1.87E-05	1.38E-05	3.84E-05	1.26E-04	7.47E-04	1.19E-05	2.70E-04	1.37E-02	1.27E-03	1.63E-02
289	SG_289	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.300	7.21E-02	1.44E-01	Not Modelled	3.87E-02	6.68E-05	4.99E-02	7.22E-03	1.44E-03	1.44E-10	7.22E-04	1.73E-05	1.27E-05	3.54E-05	1.17E-04	6.89E-04	1.10E-05	2.49E-04	1.26E-02	1.17E-03	1.51E-02
290	SG_290	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.300	6.47E-02	1.30E-01	Not Modelled	3.46E-02	6.00E-05	4.57E-02	6.48E-03	1.30E-03	1.30E-10	6.48E-04	1.55E-05	1.14E-05	3.18E-05	1.05E-04	6.19E-04	9.89E-06	2.23E-04	1.13E-02	1.05E-03	1.35E-02
291	SG_291	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.300	5.79E-02	1.16E-01	Not Modelled	3.04E-02	5.36E-05	4.13E-02	5.79E-03	1.16E-03	1.16E-10	5.80E-04	1.39E-05	1.02E-05	2.84E-05	9.36E-05	5.53E-04	8.84E-06	2.00E-04	1.01E-02	9.40E-04	1.21E-02
292	SG_292	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.300	5.39E-02	1.08E-01	Not Modelled	2.75E-02	4.99E-05	3.87E-02	5.39E-03	1.08E-03	1.08E-10	5.39E-04	1.29E-05	9.50E-06	2.64E-05	8.71E-05	5.15E-04	8.23E-06	1.86E-04	9.44E-03	8.75E-04	1.13E-02
293	SG_293	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.300	4.80E-02	9.63E-02	Not Modelled	2.36E-02	4.45E-05	3.44E-02	4.81E-03	9.61E-04	9.61E-11	4.81E-04	1.15E-05	8.47E-06	2.36E-05	7.76E-05	4.59E-04	7.34E-06	1.66E-04	8.42E-03	7.80E-04	1.00E-02
294	SG_294	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6366.300	4.86E-02	9.73E-02	Not Modelled	2.26E-02	4.50E-05	3.38E-02	4.86E-03	9.72E-04	9.72E-11	4.86E-04	1.16E-05	8.57E-06	2.38E-05	7.85E-05	4.64E-04	7.42E-06	1.68E-04	8.51E-03	7.88E-04	1.01E-02
295	SG_295	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6366.300	5.86E-02	1.17E-01	Not Modelled	2.52E-02	5.42E-05	3.78E-02	5.86E-03	1.17E-03	1.17E-10	5.86E-04	1.40E-05	1.03E-05	2.88E-05	9.47E-05	5.60E-04	8.95E-06	2.02E-04	1.03E-02	9.51E-04	1.22E-02
296	SG_296	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.300	7.65E-02	1.53E-01	Not Modelled	3.09E-02	7.08E-05	4.63E-02	7.65E-03	1.53E-03	1.53E-10	7.66E-04	1.83E-05	1.35E-05	3.75E-05	1.24E-04	7.31E-04	1.17E-05	2.64E-04	1.34E-02	1.24E-03	1.60E-02
297	SG_297	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.300	9.60E-02	1.92E-01	Not Modelled	3.72E-02	8.88E-05	5.47E-02	9.60E-03	1.92E-03	1.92E-10	9.60E-04	2.30E-05	1.69E-05	4.71E-05	1.55E-04	9.17E-04	1.47E-05	3.31E-04	1.68E-02	1.56E-03	2.00E-02
298	SG_298	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.300	1.24E-01	2.48E-01	Not Modelled	4.59E-02	1.15E-04	6.54E-02	1.24E-02	2.48E-03	2.48E-10	1.24E-03	2.96E-05	2.18E-05	6.08E-05	2.00E-04	1.18E-03	1.89E-05	4.27E-04	2.17E-02	2.01E-03	2.59E-02
299	SG_299	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.300	1.65E-01	3.30E-01	Not Modelled	5.80E-02	1.52E-04	8.03E-02	1.65E-02	3.29E-03	3.29E-10	1.65E-03	3.94E-05	2.90E-05	8.08E-05	2.66E-04	1.57E-03	2.52E-05	5.68E-04	2.88E-02	2.67E-03	3.44E-02
300	SG_300	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.300	2.02E-01	4.04E-01	Not Modelled	6.94E-02	1.87E-04	9.37E-02	2.02E-02	4.04E-03	4.04E-10	2.02E-03	4.83E-05	3.56E-05	9.90E-05	3.26E-04	1.93E-03	3.08E-05	6.96E-04	3.53E-02	3.27E-03	4.21E-02
301	SG_301	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.300	2.25E-01	4.50E-01	Not Modelled	7.83E-02	2.08E-04	1.04E-01	2.25E-02	4.49E-03	4.49E-10	2.25E-03	5.38E-05	3.96E-05	1.10E-04	3.63E-04	2.15E-03	3.43E-05	7.75E-04	3.93E-02	3.64E-03	4.69E-02
302	SG_302	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.300	2.25E-01	4.50E-01	Not Modelled	8.06E-02	2.08E-04	1.05E-01	2.25E-02	4.49E-03	4.49E-10	2.25E-03	5.38E-05	3.96E-05	1.10E-04	3.63E-04	2.15E-03	3.43E-05	7.75E-04	3.93E-02	3.65E-03	4.69E-02
303	SG_303	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.300	2.15E-01	4.31E-01	Not Modelled	7.95E-02	1.99E-04	1.02E-01	2.15E-02	4.31E-03	4.31E-10	2.15E-03	5.15E-05	3.80E-05	1.06E-04	3.48E-04	2.06E-03	3.29E-05	7.42E-04	3.77E-02	3.49E-03	4.49E-02
304	SG_304	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.300	2.03E-01	4.05E-01	Not Modelled	7.69E-02	1.87E-04	9.65E-02	2.03E-02	4.05E-03	4.05E-10	2.03E-03	4.85E-05	3.57E-05	9.93E-05	3.27E-04	1.93E-03	3.09E-05	6.98E-04	3.55E-02	3.29E-03	4.23E-02
305	SG_305	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.300	1.90E-01	3.80E-01	Not Modelled	7.38E-02	1.76E-04	9.09E-02	1.90E-02	3.80E-03	3.80E-10	1.90E-03	4.54E-05	3.35E-05	9.31E-05	3.07E-04	1.81E-03	2.90E-05	6.55E-04	3.32E-02	3.08E-03	3.96E-02
306	SG_306	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.300	1.73E-01	3.46E-01	Not Modelled	6.84E-02	1.60E-04	8.27E-02	1.73E-02	3.46E-03	3.46E-10	1.73E-03	4.14E-05	3.05E-05	8.49E-05	2.80E-04	1.65E-03	2.64E-05	5.97E-04	3.03E-02	2.81E-03	3.61E-02
307	SG_307	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.300	1.62E-01	3.24E-01	Not Modelled	6.48E-02	1.50E-04	7.70E-02	1.62E-02	3.24E-03	3.24E-10	1.62E-03	3.87E-05	2.85E-05	7.94E-05	2.61E-04	1.55E-03	2.47E-05	5.58E-04	2.83E-02	2.63E-03	3.38E-02
308	SG_308	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.300	1.56E-01	3.12E-01	Not Modelled	6.33E-02	1.44E-04	7.39E-02	1.56E-02	3.12E-03	3.12E-10	1.56E-03	3.73E-05	2.75E-05	7.65E-05	2.52E-04	1.49E-03	2.38E-05	5.37E-04	2.73E-02	2.53E-03	3.25E-02
309	SG_309	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.300	1.45E-01	2.91E-01	Not Modelled	5.96E-02	1.35E-04	6.84E-02	1.45E-02	2.91E-03	2.91E-10	1.46E-03	3.48E-05	2.56E-05	7.14E-05	2.35E-04	1.39E-03	2.22E-05	5.02E-04	2.55E-02	2.36E-03	3.04E-02
310	SG_310	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.300	1.37E-01	2.74E-01	Not Modelled	5.65E-02	1.27E-04	6.38E-02	1.37E-02	2.74E-03	2.74E-10	1.37E-03	3.28E-05	2.41E-05	6.72E-05	2.21E-04	1.31E-03	2.09E-05	4.72E-04	2.40E-02	2.22E-03	2.86E-02
311	SG_311	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.500	4.26E-02	8.56E-02	Not Modelled	2.19E-02	3.95E-05	2.68E-02	4.27E-03	8.54E-04	8.54E-11	4.27E-04	1.02E-05	7.53E-06	2.09E-05	6.90E-05	4.08E-04	6.52E-06	1.47E-04	7.48E-03	6.93E-04	8.92E-03
312	SG_312	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.500	4.52E-02	9.08E-02	Not Modelled	2.24E-02	4.19E-05	2.76E-02	4.53E-03	9.06E-04	9.06E-11	4.53E-04	1.08E-05	7.99E-06	2.22E-05	7.32E-05	4.33E-04	6.92E-06	1.56E-04	7.93E-03	7.35E-04	9.46E-03
313	SG_313	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.500	5.34E-02	1.07E-01	Not Modelled	2.61E-02	4.95E-05	3.27E-02	5.35E-03	1.07E-03	1.07E-10	5.36E-04	1.28E-05	9.44E-06	2.63E-05	8.64E-05	5.11E-04	8.17E-06	1.84E-04	9.37E-03	8.69E-04	1.12E-02
314	SG_314	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.500	6.28E-02	1.26E-01	Not Modelled	3.00E-02	5.82E-05	3.81E-02	6.29E-03	1.26E-03	1.26E-10	6.30E-04	1.51E-05	1.11E-05	3.09E-05	1.02E-04	6.01E-04	9.61E-06	2.17E-04	1.10E-02	1.02E-03	1.31E-02
315	SG_315	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.500	7.33E-02	1.47E-01	Not Modelled	3.42E-02	6.80E-05	4.39E-02	7.35E-03	1.47E-03	1.47E-10	7.35E-04	1.76E-05	1.30E-05	3.60E-05	1.19E-04	7.01E-04	1.12E-05	2.53E-04	1.29E-02	1.19E-03	1.53E-02
316	SG_316	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.500	8.43E-02	1.69E-01	Not Modelled	3.91E-02	7.81E-05	5.06E-02	8.44E-03	1.69E-03	1.69E-10	8.45E-04	2.02E-05	1.49E-05	4.14E-05	1.36E-04	8.06E-04	1.29E-05	2.91E-04	1.48E-02	1.37E-03	1.76E-02
317	SG_317	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.500	9.27E-02	1.86E-01	Not Modelled	4.35E-02	8.59E-05	5.67E-02	9.28E-03	1.86E-03	1.86E-10	9.28E-04	2.22E-05	1.64E-05	4.55E-05	1.50E-04	8.86E-04	1.42E-05	3.20E-04	1.62E-02	1.51E-03	1.94E-02
318	SG_318	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.500	9.82E-02	1.97E-01	Not Modelled	4.75E-02	9.10E-05	6.21E-02	9.83E-03	1.97E-03	1.97E-10	9.84E-04	2.35E-05	1.73E-05	4.82E-05	1.59E-04	9.39E-04	1.50E-05	3.39E-04	1.72E-02	1.60E-03	2.05E-02
319	SG_319	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.500	1.03E-01	2.06E-01	Not Modelled	5.22E-02	9.54E-05	6.90E-02	1.03E-02	2.06E-03	2.06E-10	1.03E-03	2.46E-05	1.82E-05	5.05E-05	1.66E-04	9.84E-04	1.57E-05	3.55E-04	1.80E-02	1.67E-03	2.15E-02
320	SG_320	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.500	1.07E-01	2.15E-01	Not Modelled	5.74E-02	9.95E-05	7.75E-02	1.07E-02	2.15E-03	2.15E-10	1.08E-03	2.57E-05	1.89E-05	5.27E-05	1.74E-04	1.03E-03	1.64E-05	3.70E-04	1.88E-02	1.74E-03	2.24E-02
321	SG_321	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.500	1.02E-01	2.04E-01	Not Modelled	5.60E-02	9.44E-05	7.76E-02	1.02E-02	2.04E-03	2.04E-10	1.02E-03	2.44E-05	1.80E-05	5.00E-05	1.65E-04	9.73E-04	1.56E-05	3.51E-04	1.79E-02	1.65E-03	2.13E-02
322	SG_322	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.500	8.71E-02	1.74E-01	Not Modelled	4.73E-02	8.07E-05	6.72E-02	8.72E-03	1.74E-03	1.74E-10	8.72E-04	2.08E-05	1.54E-05	4.27E-05	1.41E-04	8.32E-04	1.33E-05	3.00E-04	1.53E-02	1.41E-03	1.82E-02
323	SG_323	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.500	7.21E-02	1.44E-01	Not Modelled	3.74E-02	6.68E-05	5.45E-02	7.22E-03	1.44E-03	1.44E-10	7.22E-04	1.73E-05	1.27E-05	3.54E-05	1.17E-04	6.89E-04	1.10E-05	2.49E-04	1.26E-02	1.17E-03	1.51E-02
324	SG_324	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.500	6.21E-02	1.24E-01	Not Modelled	3.07E-02	5.75E-05	4.62E-02	6.21E-03	1.24E-03	1.24E-10	6.21E-04	1.49E-05	1.09E-05	3.05E-05	1.00E-04	5.93E-04	9.48E-06	2.14E-04	1.09E-02	1.01E-03	1.30E-02
325	SG_325	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6366.500	5.93E-02	1.19E-01	Not Modelled	2.75E-02	5.49E-05	4.24E-02	5.93E-03	1.19E-03	1.19E-10	5.93E-04	1.42E-05	1.05E-05	2.91E-05	9.57E-05	5.66E-04	9.05E-06	2.04E-04	1.04E-02	9.62E-04	1.24E-02
326	SG_326	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6366.500	7.86E-02	1.58E-01	Not Modelled	3.34E-02	7.28E-05	5.22E-02	7.87E-03	1.57E-03	1.57E-10	7.87E-04	1.88E-05	1.39E-05	3.86E-05	1.27E-04	7.51E-04	1.20E-05	2.71E-04	1.38E-02	1.28E-03	1.64E-02
327	SG_327	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6366.500	1.14E-01	2.27E-01	Not Modelled	4.53E-02	1.05E-04	7.06E-02	1.14E-02	2.27E-03	2.27E-10	1.14E-03	2.72E-05	2.00E-05	5.58E-05	1.84E-04	1.09E-03	1.74E-05	3.92E-04	1.99E-02	1.84E-03	2.37E-02
328	SG_328	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.500	1.51E-01	3.03E-01	Not Modelled	5.78E-02	1.40E-04	8.78E-02	1.51E-02	3.03E-03	3.03E-10	1.51E-03	3.62E-05	2.67E-05	7.42E-05	2.44E-04	1.45E-03	2.31E-05	5.22E-04	2.65E-02	2.46E-03	3.16E-02
329	SG_329	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.500	2.09E-01	4.19E-01	Not Modelled	7.56E-02	1.94E-04	1.11E-01	2.09E-02	4.19E-03	4.19E-10	2.09E-03	5.01E-05	3.69E-05	1.03E-04	3.38E-04	2.00E-03	3.20E-05	7.22E-04	3.66E-02	3.40E-03	4.37E-02
330	SG_330	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.500	2.70E-01	5.40E-01	Not Modelled	9.35E-02	2.50E-04	1.34E-01	2.70E-02	5.40E-03	5.40E-10	2.70E-03	6.46E-05	4.76E-05	1.32E-04	4.36E-04	2.58E-03	4.12E-05	9.31E-04	4.73E-02	4.38E-03	5.63E-02
331	SG_331	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.500	2.88E-01	5.75E-01	Not Modelled	1.00E-01	2.66E-04	1.40E-01	2.88E-02	5.75E-03	5.75E-10	2.88E-03	6.88E-05	5.07E-05	1.41E-04	4.64E-04	2.75E-03	4.39E-05	9.92E-04	5.04E-02	4.67E-03	6.00E-02
332	SG_332	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.500	2.93E-01	5.86E-01	Not Modelled	1.06E-01	2.71E-04	1.45E-01	2.93E-02	5.86E-03	5.86E-10	2.93E-03	7.01E-05	5.16E-05	1.44E-04	4.73E-04	2.80E-03	4.47E-05	1.01E-03	5.13E-02	4.75E-03	6.11E-02
333	SG_333	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.500	2.70E-01	5.40E-01	Not Modelled	1.01E-01	2.50E-04	1.35E-01	2.70E-02	5.40E-03	5.40E-10	2.70E-03	6.46E-05	4.76E-05	1.32E-04	4.36E-04	2.58E-03	4.12E-05	9.31E-04	4.73E-02	4.38E-03	5.64E-02
334	SG_334	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.500	2.46E-01	4.91E-01	Not Modelled	9.43E-02	2.27E-04	1.24E-01	2.46E-02	4.91E-03	4.91E-10	2.46E-03	5.88E-05	4.33E-05	1.20E-04	3.96E-04	2.34E-03	3.75E-05	8.47E-04	4.30E-02	3.98E-03	5.12E-02
335	SG_335	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.500	2.19E-01	4.37E-01	Not Modelled	8.57E-02	2.02E-04	1.10E-01	2.19E-02	4.37E-03	4.37E-10	2.19E-03	5.23E-05	3.85E-05	1.07E-04	3.53E-04	2.09E-03	3.34E-05	7.54E-04	3.83E-02	3.55E-03	4.56E-02
336	SG_336	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.500	1.98E-01	3.96E-01	Not Modelled	7.89E-02	1.83E-04	9.98E-02	1.98E-02	3.96E-03	3.96E-10	1.98E-03	4.74E-05	3.49E-05	9.71E-05	3.20E-04	1.89E-03	3.02E-05	6.83E-04	3.47E-02	3.21E-03	4.13E-02
337	SG_337	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.500	1.89E-01	3.79E-01	Not Modelled	7.67E-02	1.75E-04	9.52E-02	1.89E-02	3.79E-03	3.79E-10	1.89E-03	4.53E-05	3.34E-05	9.29E-05	3.06E-04	1.81E-03	2.89E-05	6.53E-04	3.32E-02	3.07E-03	3.95E-02
338	SG_338	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.500	1.75E-01	3.49E-01	Not Modelled	7.14E-02	1.61E-04	8.71E-02	1.75E-02	3.49E-03	3.49E-10	1.75E-03	4.18E-05	3.08E-05	8.56E-05	2.82E-04	1.67E-03	2.67E-05	6.02E-04	3.06E-02	2.83E-03	3.64E-02
339	SG_339	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.500	1.59E-01	3.19E-01	Not Modelled	6.58E-02	1.48E-04	7.89E-02	1.59E-02	3.19E-03	3.19E-10	1.60E-03	3.82E-05	2.81E-05	7.82E-05	2.58E-04	1.52E-03	2.44E-05	5.50E-04	2.79E-02	2.59E-03	3.33E-02
340	SG_340	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.500	1.46E-01	2.92E-01	Not Modelled	6.07E-02	1.35E-04	7.15E-02	1.46E-02	2.92E-03	2.92E-10	1.46E-03	3.50E-05	2.57E-05	7.16E-05	2.36E-04	1.39E-03	2.23E-05	5.04E-04	2.56E-02	2.37E-03	3.05E-02

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 2 GRID MAX

Annual Average Pollutant Concentration (µg/m3) - Regain Contribution

All Pollutants

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**4.73E-09**	**2.37E-02**	**5.66E-04**	**4.17E-04**	**1.16E-03**	**3.82E-03**	**2.26E-02**	**3.61E-04**	**8.15E-03**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
341	SG_341	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.500	1.36E-01	2.71E-01	Not Modelled	5.67E-02	1.25E-04	6.56E-02	1.36E-02	2.71E-03	2.71E-10	1.36E-03	3.24E-05	2.39E-05	6.65E-05	2.19E-04	1.29E-03	2.07E-05	4.67E-04	2.37E-02	2.20E-03	2.83E-02
342	SG_342	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.700	3.97E-02	7.97E-02	Not Modelled	2.12E-02	3.68E-05	2.67E-02	3.98E-03	7.96E-04	7.96E-11	3.98E-04	9.52E-06	7.02E-06	1.95E-05	6.43E-05	3.80E-04	6.08E-06	1.37E-04	6.97E-03	6.46E-04	8.31E-03
343	SG_343	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.700	4.16E-02	8.35E-02	Not Modelled	2.14E-02	3.86E-05	2.72E-02	4.17E-03	8.34E-04	8.34E-11	4.17E-04	9.98E-06	7.35E-06	2.05E-05	6.74E-05	3.98E-04	6.37E-06	1.44E-04	7.30E-03	6.77E-04	8.70E-03
344	SG_344	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.700	4.76E-02	9.55E-02	Not Modelled	2.41E-02	4.41E-05	3.12E-02	4.77E-03	9.53E-04	9.53E-11	4.77E-04	1.14E-05	8.40E-06	2.34E-05	7.70E-05	4.55E-04	7.28E-06	1.64E-04	8.35E-03	7.74E-04	9.95E-03
345	SG_345	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.700	5.49E-02	1.10E-01	Not Modelled	2.69E-02	5.09E-05	3.55E-02	5.50E-03	1.10E-03	1.10E-10	5.50E-04	1.32E-05	9.69E-06	2.70E-05	8.88E-05	5.25E-04	8.39E-06	1.90E-04	9.63E-03	8.92E-04	1.15E-02
346	SG_346	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.700	6.83E-02	1.37E-01	Not Modelled	3.29E-02	6.33E-05	4.44E-02	6.84E-03	1.37E-03	1.37E-10	6.85E-04	1.64E-05	1.21E-05	3.36E-05	1.11E-04	6.53E-04	1.04E-05	2.36E-04	1.20E-02	1.11E-03	1.43E-02
347	SG_347	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.700	7.79E-02	1.56E-01	Not Modelled	3.61E-02	7.22E-05	4.90E-02	7.80E-03	1.56E-03	1.56E-10	7.81E-04	1.87E-05	1.38E-05	3.83E-05	1.26E-04	7.45E-04	1.19E-05	2.69E-04	1.37E-02	1.27E-03	1.63E-02
348	SG_348	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.700	9.05E-02	1.81E-01	Not Modelled	4.14E-02	8.38E-05	5.66E-02	9.06E-03	1.81E-03	1.81E-10	9.06E-04	2.17E-05	1.60E-05	4.44E-05	1.46E-04	8.65E-04	1.38E-05	3.12E-04	1.59E-02	1.47E-03	1.89E-02
349	SG_349	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.700	1.07E-01	2.15E-01	Not Modelled	4.96E-02	9.93E-05	6.85E-02	1.07E-02	2.15E-03	2.15E-10	1.07E-03	2.57E-05	1.89E-05	5.26E-05	1.73E-04	1.02E-03	1.64E-05	3.70E-04	1.88E-02	1.74E-03	2.24E-02
350	SG_350	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.700	1.25E-01	2.49E-01	Not Modelled	5.94E-02	1.15E-04	8.28E-02	1.25E-02	2.49E-03	2.49E-10	1.25E-03	2.98E-05	2.20E-05	6.11E-05	2.01E-04	1.19E-03	1.90E-05	4.29E-04	2.18E-02	2.02E-03	2.60E-02
351	SG_351	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.700	1.35E-01	2.71E-01	Not Modelled	6.76E-02	1.25E-04	9.52E-02	1.35E-02	2.71E-03	2.71E-10	1.36E-03	3.24E-05	2.39E-05	6.64E-05	2.19E-04	1.29E-03	2.07E-05	4.67E-04	2.37E-02	2.20E-03	2.83E-02
352	SG_352	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.700	1.33E-01	2.66E-01	Not Modelled	6.94E-02	1.23E-04	9.91E-02	1.33E-02	2.66E-03	2.66E-10	1.33E-03	3.18E-05	2.35E-05	6.53E-05	2.15E-04	1.27E-03	2.03E-05	4.59E-04	2.33E-02	2.16E-03	2.78E-02
353	SG_353	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.700	1.16E-01	2.32E-01	Not Modelled	6.16E-02	1.07E-04	8.96E-02	1.16E-02	2.32E-03	2.32E-10	1.16E-03	2.78E-05	2.05E-05	5.69E-05	1.87E-04	1.11E-03	1.77E-05	4.00E-04	2.03E-02	1.88E-03	2.42E-02
354	SG_354	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.700	1.01E-01	2.02E-01	Not Modelled	5.29E-02	9.36E-05	7.96E-02	1.01E-02	2.02E-03	2.02E-10	1.01E-03	2.42E-05	1.78E-05	4.96E-05	1.63E-04	9.65E-04	1.54E-05	3.48E-04	1.77E-02	1.64E-03	2.11E-02
355	SG_355	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.700	9.00E-02	1.80E-01	Not Modelled	4.53E-02	8.33E-05	7.09E-02	9.00E-03	1.80E-03	1.80E-10	9.01E-04	2.15E-05	1.59E-05	4.42E-05	1.45E-04	8.60E-04	1.37E-05	3.10E-04	1.58E-02	1.46E-03	1.88E-02
356	SG_356	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6366.700	8.95E-02	1.79E-01	Not Modelled	4.22E-02	8.29E-05	6.84E-02	8.95E-03	1.79E-03	1.79E-10	8.96E-04	2.14E-05	1.58E-05	4.39E-05	1.45E-04	8.55E-04	1.37E-05	3.09E-04	1.57E-02	1.45E-03	1.87E-02
357	SG_357	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6366.700	1.25E-01	2.50E-01	Not Modelled	5.29E-02	1.16E-04	8.71E-02	1.25E-02	2.50E-03	2.50E-10	1.25E-03	2.99E-05	2.20E-05	6.13E-05	2.02E-04	1.19E-03	1.91E-05	4.31E-04	2.19E-02	2.03E-03	2.61E-02
358	SG_358	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.700	1.80E-01	3.60E-01	Not Modelled	7.14E-02	1.67E-04	1.16E-01	1.80E-02	3.60E-03	3.60E-10	1.80E-03	4.31E-05	3.17E-05	8.83E-05	2.91E-04	1.72E-03	2.75E-05	6.21E-04	3.15E-02	2.92E-03	3.76E-02
359	SG_359	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.700	2.49E-01	4.99E-01	Not Modelled	9.28E-02	2.31E-04	1.46E-01	2.49E-02	4.99E-03	4.99E-10	2.49E-03	5.97E-05	4.40E-05	1.22E-04	4.03E-04	2.38E-03	3.81E-05	8.60E-04	4.37E-02	4.05E-03	5.21E-02
360	SG_360	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.700	3.52E-01	7.05E-01	Not Modelled	1.24E-01	3.26E-04	1.88E-01	3.53E-02	7.05E-03	7.05E-10	3.53E-03	8.44E-05	6.21E-05	1.73E-04	5.69E-04	3.37E-03	5.38E-05	1.22E-03	6.17E-02	5.72E-03	7.36E-02
361	SG_361	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.700	4.07E-01	8.14E-01	Not Modelled	1.43E-01	3.76E-04	2.10E-01	4.07E-02	8.13E-03	8.13E-10	4.07E-03	9.73E-05	7.17E-05	2.00E-04	6.57E-04	3.88E-03	6.21E-05	1.40E-03	7.12E-02	6.60E-03	8.49E-02
362	SG_362	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.700	3.80E-01	7.61E-01	Not Modelled	1.38E-01	3.52E-04	1.98E-01	3.80E-02	7.60E-03	7.60E-10	3.80E-03	9.10E-05	6.70E-05	1.87E-04	6.14E-04	3.63E-03	5.81E-05	1.31E-03	6.66E-02	6.17E-03	7.94E-02
363	SG_363	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.700	3.36E-01	6.72E-01	Not Modelled	1.27E-01	3.11E-04	1.78E-01	3.36E-02	6.72E-03	6.72E-10	3.36E-03	8.04E-05	5.92E-05	1.65E-04	5.43E-04	3.21E-03	5.13E-05	1.16E-03	5.88E-02	5.45E-03	7.01E-02
364	SG_364	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.700	2.99E-01	5.99E-01	Not Modelled	1.16E-01	2.77E-04	1.60E-01	2.99E-02	5.98E-03	5.98E-10	2.99E-03	7.16E-05	5.28E-05	1.47E-04	4.83E-04	2.86E-03	4.57E-05	1.03E-03	5.24E-02	4.86E-03	6.25E-02
365	SG_365	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.700	2.69E-01	5.38E-01	Not Modelled	1.07E-01	2.49E-04	1.44E-01	2.69E-02	5.38E-03	5.38E-10	2.69E-03	6.43E-05	4.74E-05	1.32E-04	4.34E-04	2.57E-03	4.11E-05	9.27E-04	4.71E-02	4.36E-03	5.61E-02
366	SG_366	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.700	2.37E-01	4.74E-01	Not Modelled	9.57E-02	2.19E-04	1.26E-01	2.37E-02	4.73E-03	4.73E-10	2.37E-03	5.66E-05	4.17E-05	1.16E-04	3.82E-04	2.26E-03	3.61E-05	8.16E-04	4.14E-02	3.84E-03	4.94E-02
367	SG_367	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.700	2.12E-01	4.24E-01	Not Modelled	8.67E-02	1.96E-04	1.12E-01	2.12E-02	4.24E-03	4.24E-10	2.12E-03	5.07E-05	3.73E-05	1.04E-04	3.42E-04	2.02E-03	3.24E-05	7.31E-04	3.71E-02	3.44E-03	4.42E-02
368	SG_368	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.700	1.90E-01	3.80E-01	Not Modelled	7.84E-02	1.76E-04	9.98E-02	1.90E-02	3.79E-03	3.79E-10	1.90E-03	4.54E-05	3.34E-05	9.31E-05	3.06E-04	1.81E-03	2.90E-05	6.54E-04	3.32E-02	3.08E-03	3.96E-02
369	SG_369	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.700	1.70E-01	3.41E-01	Not Modelled	7.09E-02	1.58E-04	8.85E-02	1.70E-02	3.41E-03	3.41E-10	1.70E-03	4.08E-05	3.00E-05	8.35E-05	2.75E-04	1.63E-03	2.60E-05	5.87E-04	2.98E-02	2.76E-03	3.56E-02
370	SG_370	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.700	1.55E-01	3.09E-01	Not Modelled	6.49E-02	1.43E-04	7.94E-02	1.55E-02	3.09E-03	3.09E-10	1.55E-03	3.70E-05	2.73E-05	7.58E-05	2.50E-04	1.48E-03	2.36E-05	5.33E-04	2.71E-02	2.51E-03	3.23E-02
371	SG_371	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.700	1.39E-01	2.77E-01	Not Modelled	5.86E-02	1.28E-04	7.02E-02	1.39E-02	2.77E-03	2.77E-10	1.39E-03	3.32E-05	2.44E-05	6.80E-05	2.24E-04	1.32E-03	2.12E-05	4.78E-04	2.43E-02	2.25E-03	2.89E-02
372	SG_372	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.700	1.28E-01	2.56E-01	Not Modelled	5.46E-02	1.18E-04	6.40E-02	1.28E-02	2.56E-03	2.56E-10	1.28E-03	3.06E-05	2.25E-05	6.27E-05	2.06E-04	1.22E-03	1.95E-05	4.41E-04	2.24E-02	2.07E-03	2.67E-02
373	SG_373	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.900	3.79E-02	7.60E-02	Not Modelled	2.05E-02	3.51E-05	2.61E-02	3.80E-03	7.59E-04	7.59E-11	3.80E-04	9.08E-06	6.69E-06	1.86E-05	6.13E-05	3.62E-04	5.80E-06	1.31E-04	6.65E-03	6.16E-04	7.92E-03
374	SG_374	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.900	4.11E-02	8.24E-02	Not Modelled	2.19E-02	3.81E-05	2.85E-02	4.11E-03	8.23E-04	8.23E-11	4.12E-04	9.84E-06	7.25E-06	2.02E-05	6.64E-05	3.93E-04	6.28E-06	1.42E-04	7.20E-03	6.68E-04	8.59E-03
375	SG_375	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.900	4.59E-02	9.20E-02	Not Modelled	2.41E-02	4.25E-05	3.22E-02	4.60E-03	9.19E-04	9.19E-11	4.60E-04	1.10E-05	8.10E-06	2.25E-05	7.42E-05	4.39E-04	7.02E-06	1.58E-04	8.05E-03	7.46E-04	9.59E-03
376	SG_376	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.900	5.19E-02	1.04E-01	Not Modelled	2.67E-02	4.81E-05	3.64E-02	5.20E-03	1.04E-03	1.04E-10	5.20E-04	1.24E-05	9.16E-06	2.55E-05	8.39E-05	4.96E-04	7.93E-06	1.79E-04	9.10E-03	8.43E-04	1.08E-02
377	SG_377	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.900	5.92E-02	1.19E-01	Not Modelled	2.96E-02	5.48E-05	4.10E-02	5.92E-03	1.18E-03	1.18E-10	5.93E-04	1.42E-05	1.04E-05	2.91E-05	9.57E-05	5.66E-04	9.04E-06	2.04E-04	1.04E-02	9.61E-04	1.24E-02
378	SG_378	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.900	6.83E-02	1.37E-01	Not Modelled	3.30E-02	6.32E-05	4.66E-02	6.83E-03	1.37E-03	1.37E-10	6.84E-04	1.63E-05	1.20E-05	3.35E-05	1.10E-04	6.52E-04	1.04E-05	2.36E-04	1.20E-02	1.11E-03	1.43E-02
379	SG_379	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.900	8.19E-02	1.64E-01	Not Modelled	3.88E-02	7.58E-05	5.57E-02	8.19E-03	1.64E-03	1.64E-10	8.20E-04	1.96E-05	1.44E-05	4.02E-05	1.32E-04	7.82E-04	1.25E-05	2.82E-04	1.43E-02	1.33E-03	1.71E-02
380	SG_380	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.900	1.03E-01	2.05E-01	Not Modelled	4.78E-02	9.50E-05	6.97E-02	1.03E-02	2.05E-03	2.05E-10	1.03E-03	2.45E-05	1.81E-05	5.03E-05	1.66E-04	9.80E-04	1.57E-05	3.54E-04	1.80E-02	1.67E-03	2.14E-02
381	SG_381	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.900	1.26E-01	2.52E-01	Not Modelled	5.79E-02	1.17E-04	8.53E-02	1.26E-02	2.52E-03	2.52E-10	1.26E-03	3.01E-05	2.22E-05	6.18E-05	2.03E-04	1.20E-03	1.92E-05	4.34E-04	2.21E-02	2.04E-03	2.63E-02
382	SG_382	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.900	1.51E-01	3.03E-01	Not Modelled	7.01E-02	1.40E-04	1.04E-01	1.51E-02	3.03E-03	3.03E-10	1.52E-03	3.62E-05	2.67E-05	7.43E-05	2.45E-04	1.45E-03	2.31E-05	5.22E-04	2.65E-02	2.46E-03	3.16E-02
383	SG_383	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.900	1.75E-01	3.51E-01	Not Modelled	8.43E-02	1.62E-04	1.26E-01	1.75E-02	3.51E-03	3.51E-10	1.75E-03	4.19E-05	3.09E-05	8.60E-05	2.83E-04	1.67E-03	2.68E-05	6.04E-04	3.07E-02	2.85E-03	3.66E-02
384	SG_384	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6366.900	1.82E-01	3.64E-01	Not Modelled	9.25E-02	1.68E-04	1.41E-01	1.82E-02	3.64E-03	3.64E-10	1.82E-03	4.35E-05	3.21E-05	8.92E-05	2.94E-04	1.74E-03	2.78E-05	6.27E-04	3.18E-02	2.95E-03	3.80E-02
385	SG_385	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6366.900	1.69E-01	3.38E-01	Not Modelled	8.90E-02	1.56E-04	1.39E-01	1.69E-02	3.38E-03	3.38E-10	1.69E-03	4.04E-05	2.98E-05	8.28E-05	2.73E-04	1.61E-03	2.58E-05	5.82E-04	2.96E-02	2.74E-03	3.53E-02
386	SG_386	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6366.900	1.46E-01	2.91E-01	Not Modelled	7.48E-02	1.35E-04	1.22E-01	1.46E-02	2.91E-03	2.91E-10	1.46E-03	3.48E-05	2.57E-05	7.14E-05	2.35E-04	1.39E-03	2.22E-05	5.02E-04	2.55E-02	2.36E-03	3.04E-02
387	SG_387	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6366.900	1.38E-01	2.76E-01	Not Modelled	6.56E-02	1.27E-04	1.12E-01	1.38E-02	2.75E-03	2.75E-10	1.38E-03	3.30E-05	2.43E-05	6.76E-05	2.22E-04	1.32E-03	2.10E-05	4.75E-04	2.41E-02	2.23E-03	2.87E-02
388	SG_388	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6366.900	2.04E-01	4.08E-01	Not Modelled	8.66E-02	1.89E-04	1.49E-01	2.04E-02	4.08E-03	4.08E-10	2.04E-03	4.88E-05	3.60E-05	1.00E-04	3.30E-04	1.95E-03	3.12E-05	7.04E-04	3.57E-02	3.31E-03	4.26E-02
389	SG_389	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.900	3.03E-01	6.06E-01	Not Modelled	1.18E-01	2.80E-04	1.98E-01	3.03E-02	6.06E-03	6.06E-10	3.03E-03	7.25E-05	5.34E-05	1.49E-04	4.89E-04	2.89E-03	4.63E-05	1.04E-03	5.30E-02	4.91E-03	6.32E-02
390	SG_390	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.900	4.60E-01	9.20E-01	Not Modelled	1.64E-01	4.26E-04	2.64E-01	4.60E-02	9.20E-03	9.20E-10	4.60E-03	1.10E-04	8.11E-05	2.26E-04	7.43E-04	4.39E-03	7.03E-05	1.59E-03	8.06E-02	7.46E-03	9.60E-02
391	SG_391	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.900	5.89E-01	1.18E+00	Not Modelled	2.09E-01	5.45E-04	3.27E-01	5.89E-02	1.18E-02	1.18E-09	5.89E-03	1.41E-04	1.04E-04	2.89E-04	9.51E-04	5.62E-03	8.99E-05	2.03E-03	1.03E-01	9.55E-03	1.23E-01
393	SG_393	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.900	4.63E-01	9.26E-01	Not Modelled	1.76E-01	4.28E-04	2.61E-01	4.63E-02	9.26E-03	9.26E-10	4.63E-03	1.11E-04	8.16E-05	2.27E-04	7.48E-04	4.42E-03	7.07E-05	1.60E-03	8.10E-02	7.51E-03	9.66E-02
394	SG_394	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.900	3.72E-01	7.44E-01	Not Modelled	1.46E-01	3.44E-04	2.12E-01	3.72E-02	7.44E-03	7.44E-10	3.72E-03	8.90E-05	6.55E-05	1.82E-04	6.01E-04	3.55E-03	5.68E-05	1.28E-03	6.51E-02	6.03E-03	7.76E-02
395	SG_395	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.900	3.14E-01	6.28E-01	Not Modelled	1.27E-01	2.90E-04	1.79E-01	3.14E-02	6.28E-03	6.28E-10	3.14E-03	7.51E-05	5.53E-05	1.54E-04	5.07E-04	3.00E-03	4.79E-05	1.08E-03	5.49E-02	5.09E-03	6.55E-02
396	SG_396	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.900	2.73E-01	5.46E-01	Not Modelled	1.12E-01	2.53E-04	1.55E-01	2.73E-02	5.46E-03	5.46E-10	2.73E-03	6.53E-05	4.81E-05	1.34E-04	4.41E-04	2.61E-03	4.17E-05	9.41E-04	4.78E-02	4.43E-03	5.70E-02
397	SG_397	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6366.900	2.58E-01	5.17E-01	Not Modelled	1.09E-01	2.39E-04	1.47E-01	2.58E-02	5.17E-03	5.17E-10	2.59E-03	6.18E-05	4.56E-05	1.27E-04	4.17E-04	2.47E-03	3.95E-05	8.91E-04	4.53E-02	4.19E-03	5.39E-02
398	SG_398	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6366.900	2.08E-01	4.15E-01	Not Modelled	8.71E-02	1.92E-04	1.15E-01	2.08E-02	4.15E-03	4.15E-10	2.08E-03	4.97E-05	3.66E-05	1.02E-04	3.35E-04	1.98E-03	3.17E-05	7.16E-04	3.63E-02	3.37E-03	4.33E-02
399	SG_399	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.900	1.78E-01	3.57E-01	Not Modelled	7.53E-02	1.65E-04	9.73E-02	1.78E-02	3.56E-03	3.56E-10	1.78E-03	4.26E-05	3.14E-05	8.74E-05	2.88E-04	1.70E-03	2.72E-05	6.15E-04	3.12E-02	2.89E-03	3.72E-02
400	SG_400	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.900	1.54E-01	3.08E-01	Not Modelled	6.55E-02	1.42E-04	8.28E-02	1.54E-02	3.08E-03	3.08E-10	1.54E-03	3.68E-05	2.71E-05	7.55E-05	2.49E-04	1.47E-03	2.35E-05	5.31E-04	2.69E-02	2.50E-03	3.21E-02
401	SG_401	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.900	1.39E-01	2.78E-01	Not Modelled	5.98E-02	1.29E-04	7.39E-02	1.39E-02	2.78E-03	2.78E-10	1.39E-03	3.33E-05	2.45E-05	6.82E-05	2.25E-04	1.33E-03	2.12E-05	4.80E-04	2.44E-02	2.26E-03	2.90E-02
402	SG_402	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.900	1.25E-01	2.51E-01	Not Modelled	5.44E-02	1.16E-04	6.56E-02	1.25E-02	2.50E-03	2.50E-10	1.25E-03	3.00E-05	2.21E-05	6.14E-05	2.02E-04	1.20E-03	1.91E-05	4.32E-04	2.19E-02	2.03E-03	2.61E-02
403	SG_403	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.900	1.13E-01	2.26E-01	Not Modelled	4.96E-02	1.05E-04	5.85E-02	1.13E-02	2.26E-03	2.26E-10	1.13E-03	2.70E-05	1.99E-05	5.54E-05	1.83E-04	1.08E-03	1.73E-05	3.90E-04	1.98E-02	1.83E-03	2.36E-02
404	SG_404	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6367.100	3.84E-02	7.70E-02	Not Modelled	2.08E-02	3.56E-05	2.67E-02	3.85E-03	7.69E-04	7.69E-11	3.85E-04	9.20E-06	6.78E-06	1.89E-05	6.21E-05	3.67E-04	5.87E-06	1.33E-04	6.73E-03	6.24E-04	8.03E-03
405	SG_405	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6367.100	4.29E-02	8.61E-02	Not Modelled	2.34E-02	3.98E-05	3.09E-02	4.30E-03	8.60E-04	8.60E-11	4.30E-04	1.03E-05	7.58E-06	2.11E-05	6.94E-05	4.10E-04	6.56E-06	1.48E-04	7.53E-03	6.97E-04	8.97E-03
406	SG_406	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.100	4.75E-02	9.52E-02	Not Modelled	2.56E-02	4.40E-05	3.48E-02	4.76E-03	9.51E-04	9.51E-11	4.76E-04	1.14E-05	8.38E-06	2.33E-05	7.68E-05	4.54E-04	7.26E-06	1.64E-04	8.33E-03	7.72E-04	9.93E-03
407	SG_407	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6367.100	5.22E-02	1.05E-01	Not Modelled	2.75E-02	4.83E-05	3.82E-02	5.22E-03	1.04E-03	1.04E-10	5.22E-04	1.25E-05	9.20E-06	2.56E-05	8.43E-05	4.98E-04	7.97E-06	1.80E-04	9.14E-03	8.47E-04	1.09E-02
408	SG_408	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.100	5.74E-02	1.15E-01	Not Modelled	2.96E-02	5.32E-05	4.20E-02	5.74E-03	1.15E-03	1.15E-10	5.75E-04	1.37E-05	1.01E-05	2.82E-05	9.28E-05	5.48E-04	8.77E-06	1.98E-04	1.01E-02	9.32E-04	1.20E-02
409	SG_409	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.100	6.55E-02	1.31E-01	Not Modelled	3.34E-02	6.07E-05	4.86E-02	6.55E-03	1.31E-03	1.31E-10	6.56E-04	1.57E-05	1.16E-05	3.21E-05	1.06E-04	6.26E-04	1.00E-05	2.26E-04	1.15E-02	1.06E-03	1.37E-02
410	SG_410	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6367.100	7.71E-02	1.54E-01	Not Modelled	3.90E-02	7.14E-05	5.81E-02	7.72E-03	1.54E-03	1.54E-10	7.72E-04	1.85E-05	1.36E-05	3.78E-05	1.25E-04	7.37E-04	1.18E-05	2.66E-04	1.35E-02	1.25E-03	1.61E-02
411	SG_411	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6367.100	9.34E-02	1.87E-01	Not Modelled	4.62E-02	8.65E-05	7.03E-02	9.34E-03	1.87E-03	1.87E-10	9.35E-04	2.24E-05	1.65E-05	4.58E-05	1.51E-04	8.92E-04	1.43E-05	3.22E-04	1.64E-02	1.52E-03	1.95E-02
412	SG_412	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6367.100	1.13E-01	2.27E-01	Not Modelled	5.39E-02	1.05E-04	8.33E-02	1.13E-02	2.27E-03	2.27E-10	1.14E-03	2.71E-05	2.00E-05	5.56E-05	1.83E-04	1.08E-03	1.73E-05	3.91E-04	1.99E-02	1.84E-03	2.37E-02
413	SG_413	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6367.100	1.45E-01	2.89E-01	Not Modelled	6.68E-02	1.34E-04	1.05E-01	1.45E-02	2.89E-03	2.89E-10	1.45E-03	3.46E-05	2.55E-05	7.10E-05	2.34E-04	1.38E-03	2.21E-05	4.99E-04	2.53E-02	2.35E-03	3.02E-02
414	SG_414	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6367.100	1.93E-01	3.87E-01	Not Modelled	8.86E-02	1.79E-04	1.41E-01	1.94E-02	3.87E-03	3.87E-10	1.94E-03	4.63E-05	3.41E-05	9.49E-05	3.12E-04	1.85E-03	2.95E-05	6.67E-04	3.39E-02	3.14E-03	4.04E-02
415	SG_415	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.100	2.64E-01	5.28E-01	Not Modelled	1.25E-01	2.44E-04	2.00E-01	2.64E-02	5.28E-03	5.28E-10	2.64E-03	6.31E-05	4.65E-05	1.29E-04	4.26E-04	2.52E-03	4.03E-05	9.10E-04	4.62E-02	4.28E-03	5.51E-02
416	SG_416	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.100	3.24E-01	6.48E-01	Not Modelled	1.65E-01	3.00E-04	2.71E-01	3.24E-02	6.47E-03	6.47E-10	3.24E-03	7.74E-05	5.71E-05	1.59E-04	5.23E-04	3.09E-03	4.94E-05	1.12E-03	5.67E-02	5.25E-03	6.76E-02
417	SG_417	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.100	2.78E-01	5.57E-01	Not Modelled	1.46E-01	2.58E-04	2.48E-01	2.78E-02	5.56E-03	5.56E-10	2.78E-03	6.66E-05	4.90E-05	1.36E-04	4.49E-04	2.66E-03	4.25E-05	9.59E-04	4.87E-02	4.51E-03	5.81E-02
418	SG_418	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6367.100	2.26E-01	4.52E-01	Not Modelled	1.09E-01	2.09E-04	1.93E-01	2.26E-02	4.51E-03	4.51E-10	2.26E-03	5.40E-05	3.98E-05	1.11E-04	3.64E-04	2.15E-03	3.45E-05	7.78E-04	3.95E-02	3.66E-03	4.71E-02
419	SG_419	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6367.100	3.69E-01	7.38E-01	Not Modelled	1.56E-01	3.41E-04	2.82E-01	3.69E-02	7.38E-03	7.38E-10	3.69E-03	8.83E-05	6.50E-05	1.81E-04	5.96E-04	3.52E-03	5.63E-05	1.27E-03	6.46E-02	5.98E-03	7.70E-02
420	SG_420	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6367.100	6.87E-01	1.37E+00	Not Modelled	2.55E-01	6.36E-04	4.41E-01	6.87E-02	1.37E-02	1.37E-09	6.87E-03	1.64E-04	1.21E-04	3.37E-04	1.11E-03	6.56E-03	1.05E-04	2.37E-03	1.20E-01	1.11E-02	1.43E-01
424	SG_424	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6367.100	4.86E-01	9.72E-01	Not Modelled	1.94E-01	4.50E-04	2.97E-01	4.86E-02	9.72E-03	9.72E-10	4.86E-03	1.16E-04	8.57E-05	2.38E-04	7.85E-04	4.64E-03	7.42E-05	1.68E-03	8.51E-02	7.89E-03	1.01E-01
425	SG_425	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.100	3.70E-01	7.41E-01	Not Modelled	1.51E-01	3.43E-04	2.26E-01	3.70E-02	7.41E-03	7.41E-10	3.71E-03	8.86E-05	6.53E-05	1.82E-04	5.98E-04	3.54E-03	5.66E-05	1.28E-03	6.49E-02	6.01E-03	7.73E-02
426	SG_426	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.100	2.98E-01	5.97E-01	Not Modelled	1.24E-01	2.76E-04	1.80E-01	2.98E-02	5.97E-03	5.97E-10	2.98E-03	7.14E-05	5.26E-05	1.46E-04	4.82E-04	2.85E-03	4.56E-05	1.03E-03	5.22E-02	4.84E-03	6.23E-02
427	SG_427	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.100	2.51E-01	5.03E-01	Not Modelled	1.06E-01	2.32E-04	1.50E-01	2.51E-02	5.02E-03	5.02E-10	2.51E-03	6.01E-05	4.43E-05	1.23E-04	4.06E-04	2.40E-03	3.84E-05	8.66E-04	4.40E-02	4.08E-03	5.24E-02
428	SG_428	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.100	2.12E-01	4.24E-01	Not Modelled	9.07E-02	1.96E-04	1.24E-01	2.12E-02	4.24E-03	4.24E-10	2.12E-03	5.07E-05	3.74E-05	1.04E-04	3.42E-04	2.02E-03	3.24E-05	7.31E-04	3.71E-02	3.44E-03	4.42E-02
429	SG_429	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.100	1.77E-01	3.53E-01	Not Modelled	7.61E-02	1.63E-04	1.02E-01	1.77E-02	3.53E-03	3.53E-10	1.77E-03	4.23E-05	3.11E-05	8.66E-05	2.85E-04	1.69E-03	2.70E-05	6.09E-04	3.09E-02	2.86E-03	3.69E-02

AQIA DATA - SCENARIO 2 GRID MAX

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**4.73E-09**	**2.37E-02**	**5.66E-04**	**4.17E-04**	**1.16E-03**	**3.82E-03**	**2.26E-02**	**3.61E-04**	**8.15E-03**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
430	SG_430	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.100	1.51E-01	3.02E-01	Not Modelled	6.57E-02	1.40E-04	8.55E-02	1.51E-02	3.02E-03	3.02E-10	1.51E-03	3.61E-05	2.66E-05	7.40E-05	2.44E-04	1.44E-03	2.30E-05	5.20E-04	2.64E-02	2.45E-03	3.15E-02
431	SG_431	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.100	1.31E-01	2.63E-01	Not Modelled	5.77E-02	1.21E-04	7.32E-02	1.31E-02	2.62E-03	2.62E-10	1.31E-03	3.14E-05	2.31E-05	6.43E-05	2.12E-04	1.25E-03	2.00E-05	4.52E-04	2.30E-02	2.13E-03	2.74E-02
432	SG_432	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.100	1.18E-01	2.37E-01	Not Modelled	5.27E-02	1.10E-04	6.52E-02	1.18E-02	2.37E-03	2.37E-10	1.18E-03	2.83E-05	2.09E-05	5.80E-05	1.91E-04	1.13E-03	1.81E-05	4.08E-04	2.07E-02	1.92E-03	2.47E-02
433	SG_433	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6367.100	1.07E-01	2.14E-01	Not Modelled	4.82E-02	9.90E-05	5.81E-02	1.07E-02	2.14E-03	2.14E-10	1.07E-03	2.56E-05	1.89E-05	5.25E-05	1.73E-04	1.02E-03	1.63E-05	3.69E-04	1.87E-02	1.74E-03	2.23E-02
434	SG_434	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.100	9.54E-02	1.91E-01	Not Modelled	4.33E-02	8.83E-05	5.11E-02	9.55E-03	1.91E-03	1.91E-10	9.55E-04	2.28E-05	1.68E-05	4.68E-05	1.54E-04	9.12E-04	1.46E-05	3.29E-04	1.67E-02	1.55E-03	1.99E-02
435	SG_435	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6367.300	4.05E-02	8.12E-02	Not Modelled	2.22E-02	3.75E-05	2.85E-02	4.06E-03	8.11E-04	8.11E-11	4.06E-04	9.70E-06	7.15E-06	1.99E-05	6.55E-05	3.87E-04	6.19E-06	1.40E-04	7.10E-03	6.58E-04	8.46E-03
436	SG_436	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6367.300	4.39E-02	8.80E-02	Not Modelled	2.38E-02	4.07E-05	3.13E-02	4.39E-03	8.78E-04	8.78E-11	4.39E-04	1.05E-05	7.74E-06	2.15E-05	7.09E-05	4.19E-04	6.71E-06	1.51E-04	7.69E-03	7.13E-04	9.17E-03
437	SG_437	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.300	4.76E-02	9.55E-02	Not Modelled	2.53E-02	4.41E-05	3.42E-02	4.77E-03	9.53E-04	9.53E-11	4.77E-04	1.14E-05	8.40E-06	2.34E-05	7.70E-05	4.55E-04	7.28E-06	1.64E-04	8.35E-03	7.74E-04	9.95E-03
438	SG_438	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6367.300	5.42E-02	1.09E-01	Not Modelled	2.89E-02	5.02E-05	4.02E-02	5.43E-03	1.09E-03	1.09E-10	5.43E-04	1.30E-05	9.57E-06	2.66E-05	8.77E-05	5.18E-04	8.29E-06	1.87E-04	9.50E-03	8.81E-04	1.13E-02
439	SG_439	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.300	6.19E-02	1.24E-01	Not Modelled	3.31E-02	5.73E-05	4.74E-02	6.19E-03	1.24E-03	1.24E-10	6.20E-04	1.48E-05	1.09E-05	3.04E-05	1.00E-04	5.91E-04	9.45E-06	2.13E-04	1.08E-02	1.00E-03	1.29E-02
440	SG_440	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.300	6.67E-02	1.34E-01	Not Modelled	3.46E-02	6.18E-05	5.07E-02	6.67E-03	1.33E-03	1.33E-10	6.68E-04	1.60E-05	1.18E-05	3.27E-05	1.08E-04	6.37E-04	1.02E-05	2.30E-04	1.17E-02	1.08E-03	1.39E-02
441	SG_441	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6367.300	7.71E-02	1.54E-01	Not Modelled	3.97E-02	7.14E-05	5.98E-02	7.71E-03	1.54E-03	1.54E-10	7.71E-04	1.84E-05	1.36E-05	3.78E-05	1.25E-04	7.36E-04	1.18E-05	2.66E-04	1.35E-02	1.25E-03	1.61E-02
442	SG_442	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6367.300	9.17E-02	1.84E-01	Not Modelled	4.67E-02	8.49E-05	7.23E-02	9.17E-03	1.83E-03	1.83E-10	9.17E-04	2.19E-05	1.62E-05	4.50E-05	1.48E-04	8.75E-04	1.40E-05	3.16E-04	1.61E-02	1.49E-03	1.91E-02
443	SG_443	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6367.300	1.10E-01	2.20E-01	Not Modelled	5.45E-02	1.02E-04	8.67E-02	1.10E-02	2.20E-03	2.20E-10	1.10E-03	2.63E-05	1.94E-05	5.39E-05	1.77E-04	1.05E-03	1.68E-05	3.79E-04	1.92E-02	1.78E-03	2.29E-02
444	SG_444	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6367.300	1.38E-01	2.76E-01	Not Modelled	6.76E-02	1.28E-04	1.10E-01	1.38E-02	2.76E-03	2.76E-10	1.38E-03	3.30E-05	2.44E-05	6.78E-05	2.23E-04	1.32E-03	2.11E-05	4.76E-04	2.42E-02	2.24E-03	2.88E-02
445	SG_445	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6367.300	1.87E-01	3.74E-01	Not Modelled	9.08E-02	1.73E-04	1.52E-01	1.87E-02	3.74E-03	3.74E-10	1.87E-03	4.47E-05	3.29E-05	9.16E-05	3.02E-04	1.78E-03	2.85E-05	6.44E-04	3.27E-02	3.03E-03	3.90E-02
446	SG_446	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.300	2.70E-01	5.40E-01	Not Modelled	1.28E-01	2.50E-04	2.18E-01	2.70E-02	5.39E-03	5.39E-10	2.70E-03	6.45E-05	4.75E-05	1.32E-04	4.36E-04	2.58E-03	4.12E-05	9.30E-04	4.72E-02	4.38E-03	5.63E-02
447	SG_447	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.300	4.48E-01	8.95E-01	Not Modelled	2.08E-01	4.14E-04	3.61E-01	4.48E-02	8.95E-03	8.95E-10	4.48E-03	1.07E-04	7.89E-05	2.20E-04	7.23E-04	4.27E-03	6.83E-05	1.54E-03	7.84E-02	7.26E-03	9.34E-02
448	SG_448	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.300	6.65E-01	1.33E+00	Not Modelled	3.25E-01	6.15E-04	5.73E-01	6.65E-02	1.33E-02	1.33E-09	6.65E-03	1.59E-04	1.17E-04	3.26E-04	1.07E-03	6.35E-03	1.01E-04	2.29E-03	1.16E-01	1.08E-02	1.39E-01
450	SG_450	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6367.300	1.00E+00	2.00E+00	Not Modelled	4.14E-01	9.26E-04	7.78E-01	1.00E-01	2.00E-02	2.00E-09	1.00E-02	2.39E-04	1.76E-04	4.91E-04	1.62E-03	9.56E-03	1.53E-04	3.45E-03	1.75E-01	1.62E-02	2.09E-01
456	SG_456	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.300	3.09E-01	6.18E-01	Not Modelled	1.31E-01	2.86E-04	1.98E-01	3.09E-02	6.18E-03	6.18E-10	3.09E-03	7.40E-05	5.45E-05	1.52E-04	4.99E-04	2.95E-03	4.72E-05	1.07E-03	5.41E-02	5.01E-03	6.45E-02
457	SG_457	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.300	2.43E-01	4.87E-01	Not Modelled	1.05E-01	2.25E-04	1.54E-01	2.43E-02	4.87E-03	4.87E-10	2.43E-03	5.82E-05	4.29E-05	1.19E-04	3.93E-04	2.32E-03	3.72E-05	8.39E-04	4.26E-02	3.95E-03	5.08E-02
458	SG_458	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.300	2.03E-01	4.06E-01	Not Modelled	8.94E-02	1.88E-04	1.27E-01	2.03E-02	4.06E-03	4.06E-10	2.03E-03	4.86E-05	3.58E-05	9.95E-05	3.28E-04	1.94E-03	3.10E-05	7.00E-04	3.55E-02	3.29E-03	4.24E-02
459	SG_459	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.300	1.76E-01	3.53E-01	Not Modelled	7.89E-02	1.63E-04	1.08E-01	1.76E-02	3.52E-03	3.52E-10	1.76E-03	4.22E-05	3.11E-05	8.64E-05	2.85E-04	1.68E-03	2.69E-05	6.08E-04	3.09E-02	2.86E-03	3.68E-02
460	SG_460	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.300	1.56E-01	3.11E-01	Not Modelled	7.07E-02	1.44E-04	9.44E-02	1.56E-02	3.11E-03	3.11E-10	1.56E-03	3.73E-05	2.74E-05	7.64E-05	2.51E-04	1.49E-03	2.38E-05	5.37E-04	2.73E-02	2.53E-03	3.25E-02
461	SG_461	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.300	1.28E-01	2.56E-01	Not Modelled	5.83E-02	1.18E-04	7.56E-02	1.28E-02	2.56E-03	2.56E-10	1.28E-03	3.06E-05	2.26E-05	6.28E-05	2.07E-04	1.22E-03	1.95E-05	4.41E-04	2.24E-02	2.08E-03	2.67E-02
462	SG_462	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.300	1.12E-01	2.25E-01	Not Modelled	5.17E-02	1.04E-04	6.52E-02	1.12E-02	2.25E-03	2.25E-10	1.12E-03	2.69E-05	1.98E-05	5.51E-05	1.82E-04	1.07E-03	1.72E-05	3.88E-04	1.97E-02	1.82E-03	2.35E-02
463	SG_463	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.300	1.00E-01	2.01E-01	Not Modelled	4.64E-02	9.27E-05	5.70E-02	1.00E-02	2.00E-03	2.00E-10	1.00E-03	2.40E-05	1.77E-05	4.91E-05	1.62E-04	9.57E-04	1.53E-05	3.45E-04	1.75E-02	1.63E-03	2.09E-02
464	SG_464	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6367.300	8.79E-02	1.76E-01	Not Modelled	4.09E-02	8.13E-05	4.90E-02	8.79E-03	1.76E-03	1.76E-10	8.79E-04	2.10E-05	1.55E-05	4.31E-05	1.42E-04	8.39E-04	1.34E-05	3.03E-04	1.54E-02	1.43E-03	1.83E-02
465	SG_465	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.300	7.84E-02	1.57E-01	Not Modelled	3.67E-02	7.26E-05	4.29E-02	7.85E-03	1.57E-03	1.57E-10	7.85E-04	1.88E-05	1.38E-05	3.85E-05	1.27E-04	7.49E-04	1.20E-05	2.71E-04	1.37E-02	1.27E-03	1.64E-02
466	SG_466	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6367.500	4.01E-02	8.03E-02	Not Modelled	2.23E-02	3.71E-05	2.82E-02	4.01E-03	8.02E-04	8.02E-11	4.01E-04	9.60E-06	7.07E-06	1.97E-05	6.48E-05	3.83E-04	6.12E-06	1.38E-04	7.02E-03	6.51E-04	8.37E-03
467	SG_467	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6367.500	4.25E-02	8.52E-02	Not Modelled	2.31E-02	3.94E-05	3.00E-02	4.26E-03	8.51E-04	8.51E-11	4.26E-04	1.02E-05	7.50E-06	2.09E-05	6.87E-05	4.06E-04	6.50E-06	1.47E-04	7.45E-03	6.91E-04	8.88E-03
468	SG_468	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6367.500	4.85E-02	9.72E-02	Not Modelled	2.65E-02	4.49E-05	3.54E-02	4.85E-03	9.71E-04	9.71E-11	4.86E-04	1.16E-05	8.56E-06	2.38E-05	7.84E-05	4.64E-04	7.41E-06	1.67E-04	8.50E-03	7.88E-04	1.01E-02
469	SG_469	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6367.500	5.55E-02	1.11E-01	Not Modelled	3.05E-02	5.14E-05	4.21E-02	5.55E-03	1.11E-03	1.11E-10	5.56E-04	1.33E-05	9.79E-06	2.72E-05	8.97E-05	5.30E-04	8.48E-06	1.91E-04	9.72E-03	9.01E-04	1.16E-02
470	SG_470	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.500	5.93E-02	1.19E-01	Not Modelled	3.15E-02	5.49E-05	4.44E-02	5.93E-03	1.19E-03	1.19E-10	5.93E-04	1.42E-05	1.05E-05	2.91E-05	9.58E-05	5.66E-04	9.05E-06	2.04E-04	1.04E-02	9.62E-04	1.24E-02
471	SG_471	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.500	6.58E-02	1.32E-01	Not Modelled	3.44E-02	6.09E-05	4.99E-02	6.59E-03	1.32E-03	1.32E-10	6.59E-04	1.58E-05	1.16E-05	3.23E-05	1.06E-04	6.29E-04	1.01E-05	2.27E-04	1.15E-02	1.07E-03	1.37E-02
472	SG_472	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6367.500	7.41E-02	1.48E-01	Not Modelled	3.81E-02	6.86E-05	5.67E-02	7.42E-03	1.48E-03	1.48E-10	7.42E-04	1.77E-05	1.31E-05	3.64E-05	1.20E-04	7.08E-04	1.13E-05	2.56E-04	1.30E-02	1.20E-03	1.55E-02
473	SG_473	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6367.500	8.90E-02	1.78E-01	Not Modelled	4.56E-02	8.24E-05	7.00E-02	8.90E-03	1.78E-03	1.78E-10	8.90E-04	2.13E-05	1.57E-05	4.37E-05	1.44E-04	8.50E-04	1.36E-05	3.07E-04	1.56E-02	1.44E-03	1.86E-02
474	SG_474	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6367.500	1.11E-01	2.22E-01	Not Modelled	5.68E-02	1.03E-04	9.02E-02	1.11E-02	2.22E-03	2.22E-10	1.11E-03	2.65E-05	1.95E-05	5.44E-05	1.79E-04	1.06E-03	1.69E-05	3.82E-04	1.94E-02	1.80E-03	2.31E-02
475	SG_475	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6367.500	1.43E-01	2.87E-01	Not Modelled	7.40E-02	1.33E-04	1.21E-01	1.43E-02	2.87E-03	2.87E-10	1.43E-03	3.43E-05	2.53E-05	7.03E-05	2.32E-04	1.37E-03	2.19E-05	4.94E-04	2.51E-02	2.33E-03	2.99E-02
476	SG_476	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6367.500	1.94E-01	3.89E-01	Not Modelled	1.01E-01	1.80E-04	1.71E-01	1.94E-02	3.88E-03	3.88E-10	1.94E-03	4.65E-05	3.42E-05	9.52E-05	3.14E-04	1.85E-03	2.97E-05	6.69E-04	3.40E-02	3.15E-03	4.05E-02
477	SG_477	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.500	2.77E-01	5.54E-01	Not Modelled	1.40E-01	2.56E-04	2.45E-01	2.77E-02	5.54E-03	5.54E-10	2.77E-03	6.62E-05	4.88E-05	1.36E-04	4.47E-04	2.64E-03	4.23E-05	9.54E-04	4.85E-02	4.49E-03	5.78E-02
478	SG_478	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.500	4.65E-01	9.30E-01	Not Modelled	2.31E-01	4.30E-04	4.17E-01	4.65E-02	9.30E-03	9.30E-10	4.65E-03	1.11E-04	8.19E-05	2.28E-04	7.51E-04	4.44E-03	7.10E-05	1.60E-03	8.14E-02	7.54E-03	9.70E-02
479	SG_479	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.500	9.93E-01	1.99E+00	Not Modelled	4.87E-01	9.19E-04	9.08E-01	9.93E-02	1.99E-02	1.99E-09	9.93E-03	2.38E-04	1.75E-04	4.87E-04	1.60E-03	9.48E-03	1.52E-04	3.42E-03	1.74E-01	1.61E-02	2.07E-01
487	SG_487	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.500	2.31E-01	4.62E-01	Not Modelled	1.03E-01	2.13E-04	1.55E-01	2.31E-02	4.61E-03	4.61E-10	2.31E-03	5.52E-05	4.07E-05	1.13E-04	3.73E-04	2.20E-03	3.52E-05	7.95E-04	4.04E-02	3.74E-03	4.82E-02
488	SG_488	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.500	1.83E-01	3.67E-01	Not Modelled	8.29E-02	1.70E-04	1.20E-01	1.83E-02	3.67E-03	3.67E-10	1.83E-03	4.39E-05	3.23E-05	8.99E-05	2.96E-04	1.75E-03	2.80E-05	6.32E-04	3.21E-02	2.98E-03	3.83E-02
489	SG_489	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.500	1.58E-01	3.15E-01	Not Modelled	7.22E-02	1.46E-04	1.01E-01	1.58E-02	3.15E-03	3.15E-10	1.58E-03	3.77E-05	2.78E-05	7.73E-05	2.55E-04	1.51E-03	2.41E-05	5.44E-04	2.76E-02	2.56E-03	3.29E-02
490	SG_490	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.500	1.49E-01	2.99E-01	Not Modelled	7.00E-02	1.38E-04	9.55E-02	1.50E-02	2.99E-03	2.99E-10	1.50E-03	3.58E-05	2.64E-05	7.33E-05	2.41E-04	1.43E-03	2.28E-05	5.15E-04	2.62E-02	2.43E-03	3.12E-02
491	SG_491	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.500	1.28E-01	2.57E-01	Not Modelled	6.05E-02	1.19E-04	8.00E-02	1.28E-02	2.57E-03	2.57E-10	1.29E-03	3.07E-05	2.26E-05	6.30E-05	2.07E-04	1.23E-03	1.96E-05	4.43E-04	2.25E-02	2.08E-03	2.68E-02
492	SG_492	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.500	1.04E-01	2.08E-01	Not Modelled	4.88E-02	9.60E-05	6.23E-02	1.04E-02	2.08E-03	2.08E-10	1.04E-03	2.48E-05	1.83E-05	5.09E-05	1.68E-04	9.91E-04	1.58E-05	3.58E-04	1.82E-02	1.68E-03	2.17E-02
493	SG_493	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.500	9.25E-02	1.85E-01	Not Modelled	4.38E-02	8.56E-05	5.43E-02	9.25E-03	1.85E-03	1.85E-10	9.25E-04	2.21E-05	1.63E-05	4.54E-05	1.49E-04	8.83E-04	1.41E-05	3.19E-04	1.62E-02	1.50E-03	1.93E-02
494	SG_494	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.500	8.27E-02	1.66E-01	Not Modelled	3.93E-02	7.65E-05	4.74E-02	8.27E-03	1.65E-03	1.65E-10	8.27E-04	1.98E-05	1.46E-05	4.06E-05	1.34E-04	7.90E-04	1.26E-05	2.85E-04	1.45E-02	1.34E-03	1.73E-02
495	SG_495	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6367.500	7.32E-02	1.47E-01	Not Modelled	3.49E-02	6.77E-05	4.10E-02	7.32E-03	1.46E-03	1.46E-10	7.32E-04	1.75E-05	1.29E-05	3.59E-05	1.18E-04	6.99E-04	1.12E-05	2.52E-04	1.28E-02	1.19E-03	1.53E-02
496	SG_496	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.500	6.68E-02	1.34E-01	Not Modelled	3.20E-02	6.18E-05	3.66E-02	6.68E-03	1.34E-03	1.34E-10	6.68E-04	1.60E-05	1.18E-05	3.28E-05	1.08E-04	6.38E-04	1.02E-05	2.30E-04	1.17E-02	1.08E-03	1.39E-02
497	SG_497	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6367.700	3.81E-02	7.64E-02	Not Modelled	2.16E-02	3.53E-05	2.68E-02	3.82E-03	7.63E-04	7.63E-11	3.82E-04	9.13E-06	6.73E-06	1.87E-05	6.16E-05	3.65E-04	5.83E-06	1.32E-04	6.68E-03	6.19E-04	7.97E-03
498	SG_498	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6367.700	4.26E-02	8.54E-02	Not Modelled	2.42E-02	3.95E-05	3.08E-02	4.26E-03	8.53E-04	8.53E-11	4.27E-04	1.02E-05	7.52E-06	2.09E-05	6.88E-05	4.07E-04	6.51E-06	1.47E-04	7.46E-03	6.92E-04	8.90E-03
499	SG_499	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.700	4.72E-02	9.46E-02	Not Modelled	2.67E-02	4.37E-05	3.49E-02	4.73E-03	9.45E-04	9.45E-11	4.73E-04	1.13E-05	8.33E-06	2.32E-05	7.63E-05	4.51E-04	7.22E-06	1.63E-04	8.27E-03	7.67E-04	9.86E-03
500	SG_500	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6367.700	5.19E-02	1.04E-01	Not Modelled	2.90E-02	4.81E-05	3.89E-02	5.20E-03	1.04E-03	1.04E-10	5.20E-04	1.24E-05	9.16E-06	2.55E-05	8.39E-05	4.96E-04	7.93E-06	1.79E-04	9.10E-03	8.43E-04	1.08E-02
501	SG_501	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.700	5.63E-02	1.13E-01	Not Modelled	3.07E-02	5.22E-05	4.24E-02	5.64E-03	1.13E-03	1.13E-10	5.64E-04	1.35E-05	9.94E-06	2.76E-05	9.10E-05	5.38E-04	8.61E-06	1.94E-04	9.87E-03	9.15E-04	1.18E-02
502	SG_502	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.700	6.42E-02	1.28E-01	Not Modelled	3.48E-02	5.94E-05	4.94E-02	6.42E-03	1.28E-03	1.28E-10	6.42E-04	1.54E-05	1.13E-05	3.15E-05	1.04E-04	6.13E-04	9.80E-06	2.21E-04	1.12E-02	1.04E-03	1.34E-02
503	SG_503	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6367.700	7.35E-02	1.47E-01	Not Modelled	3.95E-02	6.80E-05	5.78E-02	7.35E-03	1.47E-03	1.47E-10	7.35E-04	1.76E-05	1.30E-05	3.60E-05	1.19E-04	7.02E-04	1.12E-05	2.53E-04	1.29E-02	1.19E-03	1.53E-02
504	SG_504	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6367.700	9.14E-02	1.83E-01	Not Modelled	5.04E-02	8.46E-05	7.63E-02	9.15E-03	1.83E-03	1.83E-10	9.15E-04	2.19E-05	1.61E-05	4.49E-05	1.48E-04	8.73E-04	1.40E-05	3.15E-04	1.60E-02	1.48E-03	1.91E-02
505	SG_505	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6367.700	1.12E-01	2.23E-01	Not Modelled	6.13E-02	1.03E-04	9.60E-02	1.12E-02	2.23E-03	2.23E-10	1.12E-03	2.67E-05	1.97E-05	5.48E-05	1.80E-04	1.07E-03	1.71E-05	3.85E-04	1.96E-02	1.81E-03	2.33E-02
506	SG_506	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6367.700	1.41E-01	2.82E-01	Not Modelled	7.67E-02	1.30E-04	1.24E-01	1.41E-02	2.82E-03	2.82E-10	1.41E-03	3.37E-05	2.49E-05	6.91E-05	2.28E-04	1.35E-03	2.15E-05	4.86E-04	2.47E-02	2.29E-03	2.94E-02
507	SG_507	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6367.700	1.87E-01	3.75E-01	Not Modelled	1.00E-01	1.73E-04	1.67E-01	1.87E-02	3.74E-03	3.74E-10	1.87E-03	4.48E-05	3.30E-05	9.18E-05	3.02E-04	1.79E-03	2.86E-05	6.45E-04	3.28E-02	3.04E-03	3.91E-02
508	SG_508	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.700	2.68E-01	5.36E-01	Not Modelled	1.39E-01	2.48E-04	2.40E-01	2.68E-02	5.35E-03	5.35E-10	2.68E-03	6.41E-05	4.72E-05	1.31E-04	4.32E-04	2.56E-03	4.09E-05	9.23E-04	4.69E-02	4.34E-03	5.59E-02
509	SG_509	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.700	4.56E-01	9.12E-01	Not Modelled	2.39E-01	4.22E-04	4.24E-01	4.56E-02	9.12E-03	9.12E-10	4.56E-03	1.09E-04	8.03E-05	2.24E-04	7.36E-04	4.35E-03	6.96E-05	1.57E-03	7.98E-02	7.40E-03	9.51E-02
510	SG_510	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.700	9.18E-01	1.84E+00	Not Modelled	5.05E-01	8.50E-04	9.20E-01	9.18E-02	1.84E-02	1.84E-09	9.19E-03	2.20E-04	1.62E-04	4.50E-04	1.48E-03	8.77E-03	1.40E-04	3.16E-03	1.61E-01	1.49E-02	1.92E-01
511	SG_511	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6367.700	2.07E+00	4.13E+00	Not Modelled	1.22E+00	1.91E-03	2.25E+00	2.07E-01	4.13E-02	4.13E-09	2.07E-02	4.94E-04	3.64E-04	1.01E-03	3.34E-03	1.97E-02	3.15E-04	7.12E-03	3.62E-01	3.35E-02	4.31E-01
518	SG_518	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.700	1.74E-01	3.49E-01	Not Modelled	8.08E-02	1.61E-04	1.18E-01	1.74E-02	3.49E-03	3.49E-10	1.74E-03	4.17E-05	3.07E-05	8.55E-05	2.82E-04	1.67E-03	2.66E-05	6.01E-04	3.05E-02	2.83E-03	3.64E-02
519	SG_519	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.700	1.43E-01	2.85E-01	Not Modelled	6.63E-02	1.32E-04	9.33E-02	1.43E-02	2.85E-03	2.85E-10	1.43E-03	3.41E-05	2.51E-05	6.99E-05	2.30E-04	1.36E-03	2.18E-05	4.91E-04	2.50E-02	2.31E-03	2.97E-02
520	SG_520	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.700	1.25E-01	2.49E-01	Not Modelled	5.86E-02	1.15E-04	8.00E-02	1.25E-02	2.49E-03	2.49E-10	1.25E-03	2.98E-05	2.20E-05	6.11E-05	2.01E-04	1.19E-03	1.90E-05	4.30E-04	2.18E-02	2.02E-03	2.60E-02
521	SG_521	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.700	1.16E-01	2.31E-01	Not Modelled	5.51E-02	1.07E-04	7.31E-02	1.16E-02	2.31E-03	2.31E-10	1.16E-03	2.76E-05	2.04E-05	5.67E-05	1.87E-04	1.10E-03	1.76E-05	3.98E-04	2.02E-02	1.87E-03	2.41E-02
522	SG_522	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.700	1.06E-01	2.11E-01	Not Modelled	5.09E-02	9.77E-05	6.56E-02	1.06E-02	2.11E-03	2.11E-10	1.06E-03	2.53E-05	1.86E-05	5.18E-05	1.70E-04	1.01E-03	1.61E-05	3.64E-04	1.85E-02	1.71E-03	2.20E-02
523	SG_523	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.700	9.35E-02	1.87E-01	Not Modelled	4.54E-02	8.66E-05	5.67E-02	9.36E-03	1.87E-03	1.87E-10	9.36E-04	2.24E-05	1.65E-05	4.59E-05	1.51E-04	8.93E-04	1.43E-05	3.23E-04	1.64E-02	1.52E-03	1.95E-02
524	SG_524	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.700	8.02E-02	1.61E-01	Not Modelled	3.89E-02	7.42E-05	4.70E-02	8.02E-03	1.60E-03	1.60E-10	8.02E-04	1.92E-05	1.41E-05	3.93E-05	1.30E-04	7.66E-04	1.22E-05	2.77E-04	1.40E-02	1.30E-03	1.67E-02
525	SG_525	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.700	7.37E-02	1.48E-01	Not Modelled	3.60E-02	6.82E-05	4.24E-02	7.37E-03	1.47E-03	1.47E-10	7.37E-04	1.76E-05	1.30E-05	3.62E-05	1.19E-04	7.04E-04	1.13E-05	2.54E-04	1.29E-02	1.20E-03	1.54E-02
526	SG_526	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6367.700	6.52E-02	1.31E-01	Not Modelled	3.19E-02	6.03E-05	3.65E-02	6.52E-03	1.30E-03	1.30E-10	6.52E-04	1.56E-05	1.15E-05	3.20E-05	1.05E-04	6.23E-04	9.96E-06	2.25E-04	1.14E-02	1.06E-03	1.36E-02
527	SG_527	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.700	5.97E-02	1.19E-01	Not Modelled	2.93E-02	5.52E-05	3.26E-02	5.97E-03	1.19E-03	1.19E-10	5.97E-04	1.43E-05	1.05E-05	2.93E-05	9.64E-05	5.70E-04	9.11E-06	2.06E-04	1.04E-02	9.68E-04	1.25E-02
528	SG_528	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6367.900	3.81E-02	7.63E-02	Not Modelled	2.23E-02	3.52E-05	2.70E-02	3.81E-03	7.62E-04	7.62E-11	3.81E-04	9.11E-06	6.71E-06	1.87E-05	6.15E-05	3.64E-04	5.81E-06	1.31E-04	6.67E-03	6.18E-04	7.95E-03
529	SG_529	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6367.900	4.33E-02	8.67E-02	Not Modelled	2.56E-02	4.01E-05	3.19E-02	4.33E-03	8.66E-04	8.66E-11	4.33E-04	1.04E-05	7.63E-06	2.12E-05	6.99E-05	4.13E-04	6.61E-06	1.49E-04	7.58E-03	7.02E-04	9.04E-03
530	SG_530	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.900	4.69E-02	9.39E-02	Not Modelled	2.73E-02	4.34E-05	3.49E-02	4.69E-03	9.38E-04	9.38E-11	4.69E-04	1.12E-05	8.27E-06	2.30E-05	7.58E-05	4.48E-04	7.16E-06	1.62E-04	8.21E-03	7.61E-04	9.79E-03
531	SG_531	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6367.900	5.18E-02	1.04E-01	Not Modelled	2.98E-02	4.80E-05	3.92E-02	5.19E-03	1.04E-03	1.04E-10	5.19E-04	1.24E-05	9.14E-06	2.54E-05	8.37E-05	4.95E-04	7.92E-06	1.79E-04	9.08E-03	8.41E-04	1.08E-02
532	SG_532	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.900	5.81E-02	1.16E-01	Not Modelled	3.31E-02	5.38E-05	4.48E-02	5.81E-03	1.16E-03	1.16E-10	5.82E-04	1.39E-05	1.02E-05	2.85E-05	9.39E-05	5.55E-04	8.88E-06	2.00E-04	1.02E-02	9.43E-04	1.21E-02
533	SG_533	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.900	6.47E-02	1.30E-01	Not Modelled	3.63E-02	5.99E-05	5.04E-02	6.47E-03	1.29E-03	1.29E-10	6.47E-04	1.55E-05	1.14E-05	3.17E-05	1.05E-04	6.18E-04	9.88E-06	2.23E-04	1.13E-02	1.05E-03	1.35E-02

AQIA DATA - SCENARIO 2 GRID MAX

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**4.73E-09**	**2.37E-02**	**5.66E-04**	**4.17E-04**	**1.16E-03**	**3.82E-03**	**2.26E-02**	**3.61E-04**	**8.15E-03**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
534	SG_534	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6367.900	7.37E-02	1.48E-01	Not Modelled	4.09E-02	6.82E-05	5.84E-02	7.37E-03	1.47E-03	1.47E-10	7.37E-04	1.76E-05	1.30E-05	3.61E-05	1.19E-04	7.04E-04	1.13E-05	2.54E-04	1.29E-02	1.20E-03	1.54E-02
535	SG_535	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6367.900	8.92E-02	1.79E-01	Not Modelled	5.00E-02	8.26E-05	7.38E-02	8.92E-03	1.78E-03	1.78E-10	8.93E-04	2.13E-05	1.57E-05	4.38E-05	1.44E-04	8.52E-04	1.36E-05	3.08E-04	1.56E-02	1.45E-03	1.86E-02
536	SG_536	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6367.900	1.07E-01	2.14E-01	Not Modelled	5.94E-02	9.91E-05	9.03E-02	1.07E-02	2.14E-03	2.14E-10	1.07E-03	2.56E-05	1.89E-05	5.25E-05	1.73E-04	1.02E-03	1.63E-05	3.69E-04	1.87E-02	1.74E-03	2.23E-02
537	SG_537	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6367.900	1.33E-01	2.66E-01	Not Modelled	7.25E-02	1.23E-04	1.14E-01	1.33E-02	2.65E-03	2.65E-10	1.33E-03	3.18E-05	2.34E-05	6.51E-05	2.14E-04	1.27E-03	2.03E-05	4.58E-04	2.32E-02	2.15E-03	2.77E-02
538	SG_538	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6367.900	1.69E-01	3.38E-01	Not Modelled	9.02E-02	1.56E-04	1.45E-01	1.69E-02	3.37E-03	3.37E-10	1.69E-03	4.04E-05	2.97E-05	8.27E-05	2.72E-04	1.61E-03	2.58E-05	5.82E-04	2.95E-02	2.74E-03	3.52E-02
539	SG_539	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.900	2.33E-01	4.65E-01	Not Modelled	1.25E-01	2.15E-04	2.06E-01	2.33E-02	4.65E-03	4.65E-10	2.33E-03	5.56E-05	4.10E-05	1.14E-04	3.76E-04	2.22E-03	3.55E-05	8.02E-04	4.07E-02	3.77E-03	4.85E-02
540	SG_540	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.900	3.58E-01	7.16E-01	Not Modelled	2.04E-01	3.31E-04	3.42E-01	3.58E-02	7.16E-03	7.16E-10	3.58E-03	8.57E-05	6.31E-05	1.76E-04	5.78E-04	3.42E-03	5.47E-05	1.23E-03	6.27E-02	5.81E-03	7.47E-02
541	SG_541	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.900	6.09E-01	1.22E+00	Not Modelled	3.53E-01	5.63E-04	6.00E-01	6.09E-02	1.22E-02	1.22E-09	6.09E-03	1.46E-04	1.07E-04	2.99E-04	9.83E-04	5.81E-03	9.30E-05	2.10E-03	1.07E-01	9.88E-03	1.27E-01
542	SG_542	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6367.900	9.75E-01	1.95E+00	Not Modelled	5.44E-01	9.02E-04	9.54E-01	9.75E-02	1.95E-02	1.95E-09	9.75E-03	2.33E-04	1.72E-04	4.78E-04	1.57E-03	9.31E-03	1.49E-04	3.36E-03	1.71E-01	1.58E-02	2.03E-01
549	SG_549	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.900	1.43E-01	2.87E-01	Not Modelled	6.88E-02	1.33E-04	9.82E-02	1.43E-02	2.87E-03	2.87E-10	1.44E-03	3.43E-05	2.53E-05	7.04E-05	2.32E-04	1.37E-03	2.19E-05	4.95E-04	2.51E-02	2.33E-03	2.99E-02
550	SG_550	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.900	1.27E-01	2.54E-01	Not Modelled	6.12E-02	1.17E-04	8.48E-02	1.27E-02	2.53E-03	2.53E-10	1.27E-03	3.03E-05	2.23E-05	6.21E-05	2.05E-04	1.21E-03	1.93E-05	4.37E-04	2.22E-02	2.06E-03	2.64E-02
551	SG_551	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.900	1.11E-01	2.22E-01	Not Modelled	5.40E-02	1.03E-04	7.24E-02	1.11E-02	2.22E-03	2.22E-10	1.11E-03	2.66E-05	1.96E-05	5.45E-05	1.79E-04	1.06E-03	1.70E-05	3.83E-04	1.94E-02	1.80E-03	2.32E-02
552	SG_552	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.900	1.01E-01	2.02E-01	Not Modelled	4.95E-02	9.33E-05	6.45E-02	1.01E-02	2.02E-03	2.02E-10	1.01E-03	2.41E-05	1.78E-05	4.95E-05	1.63E-04	9.63E-04	1.54E-05	3.48E-04	1.77E-02	1.64E-03	2.10E-02
553	SG_553	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.900	8.90E-02	1.78E-01	Not Modelled	4.39E-02	8.23E-05	5.54E-02	8.90E-03	1.78E-03	1.78E-10	8.90E-04	2.13E-05	1.57E-05	4.36E-05	1.44E-04	8.50E-04	1.36E-05	3.07E-04	1.56E-02	1.44E-03	1.86E-02
554	SG_554	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.900	8.15E-02	1.63E-01	Not Modelled	4.05E-02	7.54E-05	4.97E-02	8.15E-03	1.63E-03	1.63E-10	8.15E-04	1.95E-05	1.44E-05	4.00E-05	1.32E-04	7.78E-04	1.24E-05	2.81E-04	1.43E-02	1.32E-03	1.70E-02
555	SG_555	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.900	7.47E-02	1.50E-01	Not Modelled	3.74E-02	6.91E-05	4.46E-02	7.47E-03	1.49E-03	1.49E-10	7.47E-04	1.79E-05	1.32E-05	3.66E-05	1.21E-04	7.13E-04	1.14E-05	2.58E-04	1.31E-02	1.21E-03	1.56E-02
556	SG_556	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.900	6.78E-02	1.36E-01	Not Modelled	3.41E-02	6.27E-05	3.95E-02	6.78E-03	1.36E-03	1.36E-10	6.78E-04	1.62E-05	1.20E-05	3.33E-05	1.09E-04	6.47E-04	1.04E-05	2.34E-04	1.19E-02	1.10E-03	1.42E-02
557	SG_557	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6367.900	5.78E-02	1.16E-01	Not Modelled	2.90E-02	5.35E-05	3.24E-02	5.78E-03	1.16E-03	1.16E-10	5.78E-04	1.38E-05	1.02E-05	2.83E-05	9.33E-05	5.52E-04	8.82E-06	1.99E-04	1.01E-02	9.38E-04	1.21E-02
558	SG_558	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6367.900	5.31E-02	1.06E-01	Not Modelled	2.68E-02	4.92E-05	2.92E-02	5.31E-03	1.06E-03	1.06E-10	5.32E-04	1.27E-05	9.37E-06	2.61E-05	8.58E-05	5.07E-04	8.11E-06	1.83E-04	9.30E-03	8.62E-04	1.11E-02
559	SG_559	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.100	3.98E-02	7.97E-02	Not Modelled	2.42E-02	3.68E-05	2.87E-02	3.98E-03	7.96E-04	7.96E-11	3.98E-04	9.52E-06	7.01E-06	1.95E-05	6.42E-05	3.80E-04	6.08E-06	1.37E-04	6.97E-03	6.45E-04	8.30E-03
560	SG_560	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.100	4.48E-02	8.97E-02	Not Modelled	2.73E-02	4.14E-05	3.33E-02	4.48E-03	8.96E-04	8.96E-11	4.48E-04	1.07E-05	7.89E-06	2.20E-05	7.23E-05	4.28E-04	6.84E-06	1.54E-04	7.84E-03	7.27E-04	9.35E-03
561	SG_561	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.100	4.65E-02	9.32E-02	Not Modelled	2.75E-02	4.31E-05	3.42E-02	4.65E-03	9.30E-04	9.30E-11	4.65E-04	1.11E-05	8.20E-06	2.28E-05	7.51E-05	4.44E-04	7.10E-06	1.60E-04	8.15E-03	7.55E-04	9.71E-03
562	SG_562	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.100	5.27E-02	1.06E-01	Not Modelled	3.11E-02	4.88E-05	3.98E-02	5.27E-03	1.05E-03	1.05E-10	5.27E-04	1.26E-05	9.29E-06	2.59E-05	8.51E-05	5.03E-04	8.05E-06	1.82E-04	9.23E-03	8.55E-04	1.10E-02
563	SG_563	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6368.100	5.99E-02	1.20E-01	Not Modelled	3.52E-02	5.54E-05	4.65E-02	5.99E-03	1.20E-03	1.20E-10	5.99E-04	1.43E-05	1.06E-05	2.94E-05	9.67E-05	5.72E-04	9.14E-06	2.06E-04	1.05E-02	9.71E-04	1.25E-02
564	SG_564	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.100	6.55E-02	1.31E-01	Not Modelled	3.77E-02	6.06E-05	5.10E-02	6.55E-03	1.31E-03	1.31E-10	6.56E-04	1.57E-05	1.16E-05	3.21E-05	1.06E-04	6.26E-04	1.00E-05	2.26E-04	1.15E-02	1.06E-03	1.37E-02
565	SG_565	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.100	7.44E-02	1.49E-01	Not Modelled	4.25E-02	6.89E-05	5.89E-02	7.44E-03	1.49E-03	1.49E-10	7.44E-04	1.78E-05	1.31E-05	3.65E-05	1.20E-04	7.11E-04	1.14E-05	2.57E-04	1.30E-02	1.21E-03	1.55E-02
566	SG_566	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6368.100	8.65E-02	1.73E-01	Not Modelled	4.92E-02	8.00E-05	7.00E-02	8.65E-03	1.73E-03	1.73E-10	8.65E-04	2.07E-05	1.52E-05	4.24E-05	1.40E-04	8.26E-04	1.32E-05	2.98E-04	1.51E-02	1.40E-03	1.81E-02
567	SG_567	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.100	1.01E-01	2.02E-01	Not Modelled	5.69E-02	9.36E-05	8.30E-02	1.01E-02	2.02E-03	2.02E-10	1.01E-03	2.42E-05	1.78E-05	4.96E-05	1.63E-04	9.66E-04	1.54E-05	3.49E-04	1.77E-02	1.64E-03	2.11E-02
568	SG_568	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.100	1.22E-01	2.43E-01	Not Modelled	6.82E-02	1.12E-04	1.02E-01	1.22E-02	2.43E-03	2.43E-10	1.22E-03	2.91E-05	2.14E-05	5.96E-05	1.96E-04	1.16E-03	1.86E-05	4.19E-04	2.13E-02	1.97E-03	2.54E-02
569	SG_569	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.100	1.52E-01	3.04E-01	Not Modelled	8.73E-02	1.41E-04	1.33E-01	1.52E-02	3.04E-03	3.04E-10	1.52E-03	3.63E-05	2.68E-05	7.45E-05	2.45E-04	1.45E-03	2.32E-05	5.24E-04	2.66E-02	2.46E-03	3.17E-02
570	SG_570	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.100	1.85E-01	3.70E-01	Not Modelled	1.08E-01	1.71E-04	1.66E-01	1.85E-02	3.69E-03	3.69E-10	1.85E-03	4.42E-05	3.26E-05	9.06E-05	2.98E-04	1.76E-03	2.82E-05	6.37E-04	3.23E-02	3.00E-03	3.86E-02
571	SG_571	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.100	2.70E-01	5.41E-01	Not Modelled	1.59E-01	2.50E-04	2.49E-01	2.70E-02	5.41E-03	5.41E-10	2.71E-03	6.47E-05	4.77E-05	1.33E-04	4.37E-04	2.58E-03	4.13E-05	9.32E-04	4.74E-02	4.39E-03	5.65E-02
572	SG_572	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.100	4.75E-01	9.49E-01	Not Modelled	2.71E-01	4.39E-04	4.38E-01	4.75E-02	9.49E-03	9.49E-10	4.75E-03	1.14E-04	8.37E-05	2.33E-04	7.66E-04	4.53E-03	7.25E-05	1.64E-03	8.31E-02	7.70E-03	9.90E-02
574	SG_574	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.100	3.85E-01	7.70E-01	Not Modelled	1.85E-01	3.56E-04	3.14E-01	3.85E-02	7.70E-03	7.70E-10	3.85E-03	9.21E-05	6.79E-05	1.89E-04	6.22E-04	3.68E-03	5.88E-05	1.33E-03	6.74E-02	6.25E-03	8.04E-02
576	SG_576	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.100	2.51E-01	5.02E-01	Not Modelled	1.24E-01	2.32E-04	2.02E-01	2.51E-02	5.02E-03	5.02E-10	2.51E-03	6.00E-05	4.42E-05	1.23E-04	4.05E-04	2.40E-03	3.83E-05	8.65E-04	4.39E-02	4.07E-03	5.24E-02
578	SG_578	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.100	1.41E-01	2.82E-01	Not Modelled	6.84E-02	1.30E-04	1.02E-01	1.41E-02	2.81E-03	2.81E-10	1.41E-03	3.37E-05	2.48E-05	6.90E-05	2.27E-04	1.34E-03	2.15E-05	4.85E-04	2.46E-02	2.28E-03	2.94E-02
579	SG_579	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.100	1.27E-01	2.54E-01	Not Modelled	6.23E-02	1.17E-04	8.97E-02	1.27E-02	2.54E-03	2.54E-10	1.27E-03	3.04E-05	2.24E-05	6.22E-05	2.05E-04	1.21E-03	1.94E-05	4.38E-04	2.22E-02	2.06E-03	2.65E-02
580	SG_580	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.100	1.17E-01	2.35E-01	Not Modelled	5.81E-02	1.09E-04	8.13E-02	1.17E-02	2.35E-03	2.35E-10	1.17E-03	2.81E-05	2.07E-05	5.75E-05	1.89E-04	1.12E-03	1.79E-05	4.04E-04	2.05E-02	1.90E-03	2.45E-02
581	SG_581	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.100	1.14E-01	2.28E-01	Not Modelled	5.69E-02	1.05E-04	7.79E-02	1.14E-02	2.28E-03	2.28E-10	1.14E-03	2.72E-05	2.01E-05	5.58E-05	1.84E-04	1.09E-03	1.74E-05	3.92E-04	1.99E-02	1.85E-03	2.38E-02
582	SG_582	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.100	9.69E-02	1.94E-01	Not Modelled	4.81E-02	8.97E-05	6.33E-02	9.69E-03	1.94E-03	1.94E-10	9.69E-04	2.32E-05	1.71E-05	4.75E-05	1.57E-04	9.25E-04	1.48E-05	3.34E-04	1.70E-02	1.57E-03	2.02E-02
583	SG_583	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.100	9.09E-02	1.82E-01	Not Modelled	4.55E-02	8.41E-05	5.83E-02	9.09E-03	1.82E-03	1.82E-10	9.10E-04	2.18E-05	1.60E-05	4.46E-05	1.47E-04	8.68E-04	1.39E-05	3.14E-04	1.59E-02	1.48E-03	1.90E-02
584	SG_584	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.100	8.69E-02	1.74E-01	Not Modelled	4.39E-02	8.04E-05	5.51E-02	8.69E-03	1.74E-03	1.74E-10	8.70E-04	2.08E-05	1.53E-05	4.26E-05	1.40E-04	8.30E-04	1.33E-05	3.00E-04	1.52E-02	1.41E-03	1.81E-02
585	SG_585	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.100	7.80E-02	1.56E-01	Not Modelled	3.95E-02	7.22E-05	4.81E-02	7.81E-03	1.56E-03	1.56E-10	7.81E-04	1.87E-05	1.38E-05	3.83E-05	1.26E-04	7.45E-04	1.19E-05	2.69E-04	1.37E-02	1.27E-03	1.63E-02
586	SG_586	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.100	7.22E-02	1.45E-01	Not Modelled	3.69E-02	6.69E-05	4.38E-02	7.23E-03	1.44E-03	1.44E-10	7.23E-04	1.73E-05	1.27E-05	3.54E-05	1.17E-04	6.90E-04	1.10E-05	2.49E-04	1.27E-02	1.17E-03	1.51E-02
587	SG_587	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.100	6.29E-02	1.26E-01	Not Modelled	3.21E-02	5.83E-05	3.68E-02	6.30E-03	1.26E-03	1.26E-10	6.30E-04	1.51E-05	1.11E-05	3.09E-05	1.02E-04	6.01E-04	9.62E-06	2.17E-04	1.10E-02	1.02E-03	1.31E-02
588	SG_588	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.100	5.56E-02	1.11E-01	Not Modelled	2.84E-02	5.15E-05	3.16E-02	5.56E-03	1.11E-03	1.11E-10	5.56E-04	1.33E-05	9.80E-06	2.73E-05	8.98E-05	5.31E-04	8.49E-06	1.92E-04	9.74E-03	9.02E-04	1.16E-02
589	SG_589	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6368.100	5.26E-02	1.05E-01	Not Modelled	2.71E-02	4.87E-05	2.94E-02	5.26E-03	1.05E-03	1.05E-10	5.26E-04	1.26E-05	9.27E-06	2.58E-05	8.49E-05	5.02E-04	8.03E-06	1.81E-04	9.21E-03	8.53E-04	1.10E-02
590	SG_590	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.300	3.96E-02	7.93E-02	Not Modelled	2.43E-02	3.67E-05	2.80E-02	3.96E-03	7.92E-04	7.92E-11	3.96E-04	9.48E-06	6.98E-06	1.94E-05	6.40E-05	3.78E-04	6.05E-06	1.37E-04	6.94E-03	6.43E-04	8.27E-03
591	SG_591	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.300	4.46E-02	8.94E-02	Not Modelled	2.75E-02	4.13E-05	3.26E-02	4.47E-03	8.93E-04	8.93E-11	4.47E-04	1.07E-05	7.87E-06	2.19E-05	7.21E-05	4.26E-04	6.82E-06	1.54E-04	7.82E-03	7.25E-04	9.32E-03
592	SG_592	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.300	4.84E-02	9.70E-02	Not Modelled	2.95E-02	4.48E-05	3.59E-02	4.85E-03	9.69E-04	9.69E-11	4.85E-04	1.16E-05	8.54E-06	2.38E-05	7.83E-05	4.63E-04	7.40E-06	1.67E-04	8.48E-03	7.86E-04	1.01E-02
593	SG_593	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.300	5.22E-02	1.05E-01	Not Modelled	3.13E-02	4.83E-05	3.89E-02	5.22E-03	1.04E-03	1.04E-10	5.22E-04	1.25E-05	9.20E-06	2.56E-05	8.43E-05	4.98E-04	7.97E-06	1.80E-04	9.14E-03	8.47E-04	1.09E-02
594	SG_594	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.300	5.70E-02	1.14E-01	Not Modelled	3.38E-02	5.28E-05	4.30E-02	5.71E-03	1.14E-03	1.14E-10	5.71E-04	1.37E-05	1.01E-05	2.80E-05	9.21E-05	5.45E-04	8.71E-06	1.97E-04	9.99E-03	9.26E-04	1.19E-02
595	SG_595	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.300	6.40E-02	1.28E-01	Not Modelled	3.77E-02	5.93E-05	4.93E-02	6.41E-03	1.28E-03	1.28E-10	6.41E-04	1.53E-05	1.13E-05	3.14E-05	1.03E-04	6.12E-04	9.78E-06	2.21E-04	1.12E-02	1.04E-03	1.34E-02
596	SG_596	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6368.300	7.10E-02	1.42E-01	Not Modelled	4.14E-02	6.57E-05	5.53E-02	7.10E-03	1.42E-03	1.42E-10	7.11E-04	1.70E-05	1.25E-05	3.48E-05	1.15E-04	6.78E-04	1.08E-05	2.45E-04	1.24E-02	1.15E-03	1.48E-02
597	SG_597	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6368.300	8.13E-02	1.63E-01	Not Modelled	4.77E-02	7.52E-05	6.50E-02	8.13E-03	1.63E-03	1.63E-10	8.13E-04	1.94E-05	1.43E-05	3.99E-05	1.31E-04	7.76E-04	1.24E-05	2.80E-04	1.42E-02	1.32E-03	1.70E-02
598	SG_598	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.300	9.13E-02	1.83E-01	Not Modelled	5.38E-02	8.45E-05	7.46E-02	9.14E-03	1.83E-03	1.83E-10	9.14E-04	2.19E-05	1.61E-05	4.48E-05	1.48E-04	8.72E-04	1.39E-05	3.15E-04	1.60E-02	1.48E-03	1.91E-02
599	SG_599	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.300	1.07E-01	2.13E-01	Not Modelled	6.42E-02	9.86E-05	9.06E-02	1.07E-02	2.13E-03	2.13E-10	1.07E-03	2.55E-05	1.88E-05	5.23E-05	1.72E-04	1.02E-03	1.63E-05	3.67E-04	1.87E-02	1.73E-03	2.22E-02
600	SG_600	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.300	1.24E-01	2.47E-01	Not Modelled	7.51E-02	1.14E-04	1.07E-01	1.24E-02	2.47E-03	2.47E-10	1.24E-03	2.96E-05	2.18E-05	6.06E-05	2.00E-04	1.18E-03	1.89E-05	4.26E-04	2.16E-02	2.01E-03	2.58E-02
601	SG_601	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.300	1.55E-01	3.11E-01	Not Modelled	9.26E-02	1.44E-04	1.33E-01	1.55E-02	3.10E-03	3.10E-10	1.55E-03	3.71E-05	2.74E-05	7.61E-05	2.51E-04	1.48E-03	2.37E-05	5.35E-04	2.72E-02	2.52E-03	3.24E-02
602	SG_602	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.300	2.39E-01	4.78E-01	Not Modelled	1.38E-01	2.21E-04	2.06E-01	2.39E-02	4.78E-03	4.78E-10	2.39E-03	5.71E-05	4.21E-05	1.17E-04	3.86E-04	2.28E-03	3.65E-05	8.23E-04	4.18E-02	3.87E-03	4.98E-02
603	SG_603	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.300	3.60E-01	7.21E-01	Not Modelled	2.07E-01	3.33E-04	3.19E-01	3.60E-02	7.20E-03	7.20E-10	3.60E-03	8.62E-05	6.35E-05	1.77E-04	5.82E-04	3.44E-03	5.50E-05	1.24E-03	6.31E-02	5.84E-03	7.52E-02
604	SG_604	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.300	3.50E-01	7.00E-01	Not Modelled	1.96E-01	3.23E-04	3.12E-01	3.50E-02	6.99E-03	6.99E-10	3.50E-03	8.36E-05	6.16E-05	1.71E-04	5.65E-04	3.34E-03	5.34E-05	1.21E-03	6.12E-02	5.67E-03	7.30E-02
605	SG_605	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.300	2.51E-01	5.02E-01	Not Modelled	1.23E-01	2.32E-04	1.98E-01	2.51E-02	5.01E-03	5.01E-10	2.51E-03	6.00E-05	4.42E-05	1.23E-04	4.05E-04	2.39E-03	3.83E-05	8.64E-04	4.39E-02	4.07E-03	5.23E-02
606	SG_606	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.300	2.09E-01	4.17E-01	Not Modelled	1.02E-01	1.93E-04	1.65E-01	2.09E-02	4.17E-03	4.17E-10	2.09E-03	4.99E-05	3.68E-05	1.02E-04	3.37E-04	1.99E-03	3.18E-05	7.19E-04	3.65E-02	3.38E-03	4.35E-02
607	SG_607	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.300	2.06E-01	4.12E-01	Not Modelled	1.03E-01	1.91E-04	1.64E-01	2.06E-02	4.12E-03	4.12E-10	2.06E-03	4.93E-05	3.63E-05	1.01E-04	3.33E-04	1.97E-03	3.14E-05	7.10E-04	3.61E-02	3.34E-03	4.30E-02
608	SG_608	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.300	1.62E-01	3.25E-01	Not Modelled	8.24E-02	1.50E-04	1.25E-01	1.62E-02	3.25E-03	3.25E-10	1.62E-03	3.89E-05	2.86E-05	7.97E-05	2.62E-04	1.55E-03	2.48E-05	5.60E-04	2.84E-02	2.64E-03	3.39E-02
609	SG_609	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.300	1.23E-01	2.46E-01	Not Modelled	6.23E-02	1.14E-04	9.06E-02	1.23E-02	2.46E-03	2.46E-10	1.23E-03	2.94E-05	2.17E-05	6.03E-05	1.98E-04	1.17E-03	1.88E-05	4.24E-04	2.15E-02	1.99E-03	2.56E-02
610	SG_610	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.300	1.03E-01	2.07E-01	Not Modelled	5.18E-02	9.57E-05	7.27E-02	1.03E-02	2.07E-03	2.07E-10	1.03E-03	2.47E-05	1.82E-05	5.07E-05	1.67E-04	9.87E-04	1.58E-05	3.56E-04	1.81E-02	1.68E-03	2.16E-02
611	SG_611	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.300	9.58E-02	1.92E-01	Not Modelled	4.80E-02	8.87E-05	6.56E-02	9.58E-03	1.92E-03	1.92E-10	9.58E-04	2.29E-05	1.69E-05	4.70E-05	1.55E-04	9.15E-04	1.46E-05	3.30E-04	1.68E-02	1.55E-03	2.00E-02
612	SG_612	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.300	8.89E-02	1.78E-01	Not Modelled	4.48E-02	8.23E-05	5.94E-02	8.89E-03	1.78E-03	1.78E-10	8.89E-04	2.13E-05	1.57E-05	4.36E-05	1.44E-04	8.49E-04	1.36E-05	3.07E-04	1.56E-02	1.44E-03	1.86E-02
613	SG_613	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.300	8.41E-02	1.68E-01	Not Modelled	4.26E-02	7.78E-05	5.50E-02	8.41E-03	1.68E-03	1.68E-10	8.42E-04	2.01E-05	1.48E-05	4.13E-05	1.36E-04	8.03E-04	1.28E-05	2.90E-04	1.47E-02	1.36E-03	1.76E-02
614	SG_614	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.300	8.09E-02	1.62E-01	Not Modelled	4.11E-02	7.49E-05	5.18E-02	8.09E-03	1.62E-03	1.62E-10	8.09E-04	1.94E-05	1.43E-05	3.97E-05	1.31E-04	7.73E-04	1.24E-05	2.79E-04	1.42E-02	1.31E-03	1.69E-02
615	SG_615	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.300	8.04E-02	1.61E-01	Not Modelled	4.11E-02	7.44E-05	5.09E-02	8.05E-03	1.61E-03	1.61E-10	8.05E-04	1.92E-05	1.42E-05	3.95E-05	1.30E-04	7.68E-04	1.23E-05	2.77E-04	1.41E-02	1.31E-03	1.68E-02
616	SG_616	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.300	7.14E-02	1.43E-01	Not Modelled	3.64E-02	6.61E-05	4.34E-02	7.14E-03	1.43E-03	1.43E-10	7.15E-04	1.71E-05	1.26E-05	3.50E-05	1.15E-04	6.82E-04	1.09E-05	2.46E-04	1.25E-02	1.16E-03	1.49E-02
617	SG_617	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.300	6.57E-02	1.32E-01	Not Modelled	3.35E-02	6.08E-05	3.89E-02	6.57E-03	1.31E-03	1.31E-10	6.58E-04	1.57E-05	1.16E-05	3.22E-05	1.06E-04	6.28E-04	1.00E-05	2.27E-04	1.15E-02	1.07E-03	1.37E-02
618	SG_618	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.300	6.33E-02	1.27E-01	Not Modelled	3.24E-02	5.86E-05	3.70E-02	6.33E-03	1.27E-03	1.27E-10	6.33E-04	1.51E-05	1.12E-05	3.10E-05	1.02E-04	6.04E-04	9.66E-06	2.18E-04	1.11E-02	1.03E-03	1.32E-02
619	SG_619	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.300	5.55E-02	1.11E-01	Not Modelled	2.85E-02	5.14E-05	3.14E-02	5.56E-03	1.11E-03	1.11E-10	5.56E-04	1.33E-05	9.79E-06	2.73E-05	8.97E-05	5.31E-04	8.48E-06	1.92E-04	9.73E-03	9.01E-04	1.16E-02
620	SG_620	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.300	5.31E-02	1.06E-01	Not Modelled	2.75E-02	4.92E-05	2.98E-02	5.31E-03	1.06E-03	1.06E-10	5.32E-04	1.27E-05	9.37E-06	2.61E-05	8.58E-05	5.07E-04	8.11E-06	1.83E-04	9.30E-03	8.62E-04	1.11E-02
621	SG_621	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.500	3.99E-02	7.99E-02	Not Modelled	2.48E-02	3.69E-05	2.78E-02	3.99E-03	7.98E-04	7.98E-11	3.99E-04	9.55E-06	7.03E-06	1.96E-05	6.44E-05	3.81E-04	6.09E-06	1.38E-04	6.99E-03	6.47E-04	8.33E-03
622	SG_622	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.500	4.26E-02	8.54E-02	Not Modelled	2.62E-02	3.95E-05	3.01E-02	4.26E-03	8.53E-04	8.53E-11	4.27E-04	1.02E-05	7.52E-06	2.09E-05	6.89E-05	4.07E-04	6.51E-06	1.47E-04	7.47E-03	6.92E-04	8.90E-03
623	SG_623	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.500	4.62E-02	9.25E-02	Not Modelled	2.82E-02	4.27E-05	3.32E-02	4.62E-03	9.24E-04	9.24E-11	4.62E-04	1.11E-05	8.14E-06	2.27E-05	7.46E-05	4.41E-04	7.05E-06	1.59E-04	8.09E-03	7.49E-04	9.64E-03
624	SG_624	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.500	5.17E-02	1.03E-01	Not Modelled	3.16E-02	4.78E-05	3.82E-02	5.17E-03	1.03E-03	1.03E-10	5.17E-04	1.24E-05	9.11E-06	2.53E-05	8.35E-05	4.94E-04	7.89E-06	1.78E-04	9.05E-03	8.39E-04	1.08E-02
625	SG_625	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.500	5.75E-02	1.15E-01	Not Modelled	3.54E-02	5.32E-05	4.38E-02	5.75E-03	1.15E-03	1.15E-10	5.76E-04	1.38E-05	1.01E-05	2.82E-05	9.29E-05	5.49E-04	8.79E-06	1.98E-04	1.01E-02	9.34E-04	1.20E-02
626	SG_626	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.500	6.04E-02	1.21E-01	Not Modelled	3.67E-02	5.60E-05	4.61E-02	6.05E-03	1.21E-03	1.21E-10	6.05E-04	1.45E-05	1.07E-05	2.97E-05	9.76E-05	5.77E-04	9.23E-06	2.08E-04	1.06E-02	9.81E-04	1.26E-02
627	SG_627	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.500	6.48E-02	1.30E-01	Not Modelled	3.93E-02	6.00E-05	5.02E-02	6.49E-03	1.30E-03	1.30E-10	6.49E-04	1.55E-05	1.14E-05	3.18E-05	1.05E-04	6.19E-04	9.90E-06	2.24E-04	1.14E-02	1.05E-03	1.35E-02

AQIA DATA - SCENARIO 2 GRID MAX

Annual Average Pollutant Concentration (μg/m3) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**4.73E-09**	**2.37E-02**	**5.66E-04**	**4.17E-04**	**1.16E-03**	**3.82E-03**	**2.26E-02**	**3.61E-04**	**8.15E-03**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
628	SG_628	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6368.500	7.16E-02	1.43E-01	Not Modelled	4.41E-02	6.63E-05	5.71E-02	7.17E-03	1.43E-03	1.43E-10	7.17E-04	1.71E-05	1.26E-05	3.52E-05	1.16E-04	6.84E-04	1.09E-05	2.47E-04	1.25E-02	1.16E-03	1.50E-02
629	SG_629	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.500	8.01E-02	1.60E-01	Not Modelled	5.01E-02	7.41E-05	6.58E-02	8.01E-03	1.60E-03	1.60E-10	8.01E-04	1.92E-05	1.41E-05	3.93E-05	1.29E-04	7.65E-04	1.22E-05	2.76E-04	1.40E-02	1.30E-03	1.67E-02
630	SG_630	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.500	8.98E-02	1.80E-01	Not Modelled	5.63E-02	8.32E-05	7.46E-02	8.99E-03	1.80E-03	1.80E-10	8.99E-04	2.15E-05	1.58E-05	4.41E-05	1.45E-04	8.58E-04	1.37E-05	3.10E-04	1.57E-02	1.46E-03	1.88E-02
631	SG_631	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.500	1.11E-01	2.23E-01	Not Modelled	6.84E-02	1.03E-04	9.19E-02	1.11E-02	2.22E-03	2.22E-10	1.11E-03	2.66E-05	1.96E-05	5.46E-05	1.80E-04	1.06E-03	1.70E-05	3.83E-04	1.95E-02	1.80E-03	2.32E-02
632	SG_632	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.500	1.51E-01	3.03E-01	Not Modelled	8.97E-02	1.40E-04	1.24E-01	1.52E-02	3.03E-03	3.03E-10	1.52E-03	3.63E-05	2.67E-05	7.43E-05	2.45E-04	1.45E-03	2.31E-05	5.22E-04	2.65E-02	2.46E-03	3.16E-02
633	SG_633	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.500	2.19E-01	4.38E-01	Not Modelled	1.26E-01	2.03E-04	1.80E-01	2.19E-02	4.38E-03	4.38E-10	2.19E-03	5.24E-05	3.86E-05	1.07E-04	3.53E-04	2.09E-03	3.34E-05	7.54E-04	3.83E-02	3.55E-03	4.57E-02
634	SG_634	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.500	2.53E-01	5.07E-01	Not Modelled	1.46E-01	2.34E-04	2.15E-01	2.53E-02	5.07E-03	5.07E-10	2.53E-03	6.06E-05	4.47E-05	1.24E-04	4.09E-04	2.42E-03	3.87E-05	8.73E-04	4.44E-02	4.11E-03	5.29E-02
635	SG_635	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.500	2.27E-01	4.55E-01	Not Modelled	1.27E-01	2.10E-04	1.91E-01	2.27E-02	4.54E-03	4.54E-10	2.27E-03	5.44E-05	4.00E-05	1.11E-04	3.67E-04	2.17E-03	3.47E-05	7.83E-04	3.98E-02	3.69E-03	4.74E-02
636	SG_636	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.500	1.81E-01	3.62E-01	Not Modelled	9.15E-02	1.67E-04	1.41E-01	1.81E-02	3.62E-03	3.62E-10	1.81E-03	4.33E-05	3.19E-05	8.87E-05	2.92E-04	1.73E-03	2.76E-05	6.23E-04	3.17E-02	2.93E-03	3.77E-02
637	SG_637	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.500	1.48E-01	2.96E-01	Not Modelled	7.29E-02	1.37E-04	1.12E-01	1.48E-02	2.95E-03	2.95E-10	1.48E-03	3.53E-05	2.60E-05	7.25E-05	2.39E-04	1.41E-03	2.26E-05	5.09E-04	2.59E-02	2.40E-03	3.08E-02
638	SG_638	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.500	1.44E-01	2.88E-01	Not Modelled	7.18E-02	1.33E-04	1.09E-01	1.44E-02	2.88E-03	2.88E-10	1.44E-03	3.44E-05	2.54E-05	7.05E-05	2.32E-04	1.37E-03	2.20E-05	4.96E-04	2.52E-02	2.33E-03	3.00E-02
639	SG_639	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.500	1.41E-01	2.83E-01	Not Modelled	7.19E-02	1.31E-04	1.06E-01	1.41E-02	2.83E-03	2.83E-10	1.41E-03	3.38E-05	2.49E-05	6.94E-05	2.28E-04	1.35E-03	2.16E-05	4.88E-04	2.48E-02	2.29E-03	2.95E-02
640	SG_640	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.500	1.24E-01	2.48E-01	Not Modelled	6.42E-02	1.15E-04	9.20E-02	1.24E-02	2.48E-03	2.48E-10	1.24E-03	2.96E-05	2.18E-05	6.08E-05	2.00E-04	1.18E-03	1.89E-05	4.27E-04	2.17E-02	2.01E-03	2.59E-02
641	SG_641	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.500	1.00E-01	2.00E-01	Not Modelled	5.22E-02	9.26E-05	7.21E-02	1.00E-02	2.00E-03	2.00E-10	1.00E-03	2.39E-05	1.76E-05	4.91E-05	1.62E-04	9.55E-04	1.53E-05	3.45E-04	1.75E-02	1.62E-03	2.09E-02
642	SG_642	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.500	8.44E-02	1.69E-01	Not Modelled	4.36E-02	7.82E-05	5.82E-02	8.45E-03	1.69E-03	1.69E-10	8.45E-04	2.02E-05	1.49E-05	4.14E-05	1.36E-04	8.07E-04	1.29E-05	2.91E-04	1.48E-02	1.37E-03	1.76E-02
643	SG_643	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.500	7.43E-02	1.49E-01	Not Modelled	3.78E-02	6.88E-05	4.88E-02	7.44E-03	1.49E-03	1.49E-10	7.44E-04	1.78E-05	1.31E-05	3.65E-05	1.20E-04	7.10E-04	1.14E-05	2.56E-04	1.30E-02	1.21E-03	1.55E-02
644	SG_644	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.500	7.20E-02	1.44E-01	Not Modelled	3.67E-02	6.67E-05	4.64E-02	7.21E-03	1.44E-03	1.44E-10	7.21E-04	1.72E-05	1.27E-05	3.53E-05	1.16E-04	6.88E-04	1.10E-05	2.48E-04	1.26E-02	1.17E-03	1.50E-02
645	SG_645	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.500	6.86E-02	1.37E-01	Not Modelled	3.51E-02	6.35E-05	4.31E-02	6.86E-03	1.37E-03	1.37E-10	6.86E-04	1.64E-05	1.21E-05	3.36E-05	1.11E-04	6.55E-04	1.05E-05	2.36E-04	1.20E-02	1.11E-03	1.43E-02
646	SG_646	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.500	6.77E-02	1.36E-01	Not Modelled	3.48E-02	6.26E-05	4.18E-02	6.77E-03	1.35E-03	1.35E-10	6.77E-04	1.62E-05	1.19E-05	3.32E-05	1.09E-04	6.46E-04	1.03E-05	2.33E-04	1.19E-02	1.10E-03	1.41E-02
647	SG_647	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.500	6.45E-02	1.29E-01	Not Modelled	3.31E-02	5.97E-05	3.88E-02	6.45E-03	1.29E-03	1.29E-10	6.45E-04	1.54E-05	1.14E-05	3.16E-05	1.04E-04	6.16E-04	9.85E-06	2.22E-04	1.13E-02	1.05E-03	1.35E-02
648	SG_648	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.500	6.18E-02	1.24E-01	Not Modelled	3.18E-02	5.72E-05	3.64E-02	6.19E-03	1.24E-03	1.24E-10	6.19E-04	1.48E-05	1.09E-05	3.03E-05	9.99E-05	5.91E-04	9.45E-06	2.13E-04	1.08E-02	1.00E-03	1.29E-02
649	SG_649	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.500	5.76E-02	1.15E-01	Not Modelled	2.95E-02	5.33E-05	3.29E-02	5.76E-03	1.15E-03	1.15E-10	5.77E-04	1.38E-05	1.02E-05	2.83E-05	9.31E-05	5.50E-04	8.80E-06	1.99E-04	1.01E-02	9.35E-04	1.20E-02
650	SG_650	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.500	5.36E-02	1.07E-01	Not Modelled	2.75E-02	4.96E-05	2.98E-02	5.37E-03	1.07E-03	1.07E-10	5.37E-04	1.28E-05	9.46E-06	2.63E-05	8.66E-05	5.12E-04	8.19E-06	1.85E-04	9.39E-03	8.70E-04	1.12E-02
651	SG_651	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.500	5.15E-02	1.03E-01	Not Modelled	2.65E-02	4.77E-05	2.83E-02	5.16E-03	1.03E-03	1.03E-10	5.16E-04	1.23E-05	9.09E-06	2.53E-05	8.33E-05	4.92E-04	7.87E-06	1.78E-04	9.03E-03	8.37E-04	1.08E-02
652	SG_652	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.700	4.04E-02	8.10E-02	Not Modelled	2.55E-02	3.74E-05	2.78E-02	4.04E-03	8.09E-04	8.09E-11	4.05E-04	9.68E-06	7.13E-06	1.98E-05	6.53E-05	3.86E-04	6.17E-06	1.39E-04	7.08E-03	6.56E-04	8.44E-03
653	SG_653	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.700	4.23E-02	8.48E-02	Not Modelled	2.64E-02	3.92E-05	2.95E-02	4.24E-03	8.47E-04	8.47E-11	4.24E-04	1.01E-05	7.47E-06	2.08E-05	6.84E-05	4.05E-04	6.47E-06	1.46E-04	7.42E-03	6.87E-04	8.84E-03
654	SG_654	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.700	4.52E-02	9.05E-02	Not Modelled	2.81E-02	4.18E-05	3.20E-02	4.52E-03	9.04E-04	9.04E-11	4.52E-04	1.08E-05	7.96E-06	2.22E-05	7.30E-05	4.31E-04	6.90E-06	1.56E-04	7.91E-03	7.33E-04	9.43E-03
655	SG_655	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.700	4.81E-02	9.63E-02	Not Modelled	2.99E-02	4.45E-05	3.47E-02	4.81E-03	9.62E-04	9.62E-11	4.81E-04	1.15E-05	8.48E-06	2.36E-05	7.77E-05	4.59E-04	7.35E-06	1.66E-04	8.42E-03	7.80E-04	1.00E-02
656	SG_656	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.700	5.10E-02	1.02E-01	Not Modelled	3.18E-02	4.72E-05	3.76E-02	5.11E-03	1.02E-03	1.02E-10	5.11E-04	1.22E-05	9.00E-06	2.50E-05	8.24E-05	4.87E-04	7.80E-06	1.76E-04	8.94E-03	8.28E-04	1.07E-02
657	SG_657	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.700	5.49E-02	1.10E-01	Not Modelled	3.46E-02	5.08E-05	4.16E-02	5.49E-03	1.10E-03	1.10E-10	5.49E-04	1.31E-05	9.68E-06	2.69E-05	8.87E-05	5.24E-04	8.38E-06	1.89E-04	9.61E-03	8.91E-04	1.15E-02
658	SG_658	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.700	5.87E-02	1.18E-01	Not Modelled	3.74E-02	5.43E-05	4.56E-02	5.87E-03	1.17E-03	1.17E-10	5.87E-04	1.40E-05	1.03E-05	2.88E-05	9.48E-05	5.61E-04	8.96E-06	2.02E-04	1.03E-02	9.52E-04	1.23E-02
659	SG_659	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6368.700	6.15E-02	1.23E-01	Not Modelled	3.93E-02	5.70E-05	4.82E-02	6.16E-03	1.23E-03	1.23E-10	6.16E-04	1.47E-05	1.09E-05	3.02E-05	9.94E-05	5.88E-04	9.40E-06	2.12E-04	1.08E-02	9.99E-04	1.29E-02
660	SG_660	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.700	6.78E-02	1.36E-01	Not Modelled	4.30E-02	6.27E-05	5.33E-02	6.78E-03	1.36E-03	1.36E-10	6.78E-04	1.62E-05	1.20E-05	3.32E-05	1.09E-04	6.47E-04	1.04E-05	2.34E-04	1.19E-02	1.10E-03	1.41E-02
661	SG_661	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.700	8.12E-02	1.63E-01	Not Modelled	5.05E-02	7.51E-05	6.34E-02	8.12E-03	1.62E-03	1.62E-10	8.12E-04	1.94E-05	1.43E-05	3.98E-05	1.31E-04	7.75E-04	1.24E-05	2.80E-04	1.42E-02	1.32E-03	1.69E-02
662	SG_662	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.700	1.02E-01	2.05E-01	Not Modelled	6.12E-02	9.46E-05	7.86E-02	1.02E-02	2.04E-03	2.04E-10	1.02E-03	2.44E-05	1.80E-05	5.01E-05	1.65E-04	9.76E-04	1.56E-05	3.52E-04	1.79E-02	1.66E-03	2.13E-02
663	SG_663	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.700	1.44E-01	2.87E-01	Not Modelled	8.42E-02	1.33E-04	1.12E-01	1.44E-02	2.87E-03	2.87E-10	1.44E-03	3.44E-05	2.53E-05	7.04E-05	2.32E-04	1.37E-03	2.19E-05	4.95E-04	2.51E-02	2.33E-03	3.00E-02
664	SG_664	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.700	1.84E-01	3.68E-01	Not Modelled	1.07E-01	1.70E-04	1.46E-01	1.84E-02	3.68E-03	3.68E-10	1.84E-03	4.40E-05	3.24E-05	9.02E-05	2.97E-04	1.76E-03	2.81E-05	6.34E-04	3.22E-02	2.98E-03	3.84E-02
665	SG_665	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.700	1.91E-01	3.81E-01	Not Modelled	1.11E-01	1.76E-04	1.56E-01	1.91E-02	3.81E-03	3.81E-10	1.91E-03	4.56E-05	3.36E-05	9.35E-05	3.08E-04	1.82E-03	2.91E-05	6.57E-04	3.34E-02	3.09E-03	3.98E-02
666	SG_666	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.700	1.65E-01	3.30E-01	Not Modelled	9.22E-02	1.53E-04	1.32E-01	1.65E-02	3.30E-03	3.30E-10	1.65E-03	3.95E-05	2.91E-05	8.09E-05	2.66E-04	1.57E-03	2.52E-05	5.69E-04	2.89E-02	2.68E-03	3.44E-02
667	SG_667	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.700	1.41E-01	2.82E-01	Not Modelled	7.35E-02	1.30E-04	1.08E-01	1.41E-02	2.82E-03	2.82E-10	1.41E-03	3.37E-05	2.49E-05	6.91E-05	2.28E-04	1.35E-03	2.15E-05	4.86E-04	2.47E-02	2.29E-03	2.94E-02
668	SG_668	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.700	1.17E-01	2.35E-01	Not Modelled	5.94E-02	1.09E-04	8.77E-02	1.17E-02	2.35E-03	2.35E-10	1.17E-03	2.81E-05	2.07E-05	5.75E-05	1.89E-04	1.12E-03	1.79E-05	4.04E-04	2.05E-02	1.90E-03	2.45E-02
669	SG_669	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.700	1.10E-01	2.21E-01	Not Modelled	5.59E-02	1.02E-04	8.15E-02	1.10E-02	2.21E-03	2.21E-10	1.10E-03	2.64E-05	1.94E-05	5.41E-05	1.78E-04	1.05E-03	1.68E-05	3.80E-04	1.93E-02	1.79E-03	2.30E-02
670	SG_670	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.700	1.15E-01	2.31E-01	Not Modelled	5.89E-02	1.07E-04	8.43E-02	1.16E-02	2.31E-03	2.31E-10	1.16E-03	2.76E-05	2.04E-05	5.66E-05	1.87E-04	1.10E-03	1.76E-05	3.98E-04	2.02E-02	1.87E-03	2.41E-02
671	SG_671	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.700	1.13E-01	2.25E-01	Not Modelled	5.84E-02	1.04E-04	8.15E-02	1.13E-02	2.25E-03	2.25E-10	1.13E-03	2.70E-05	1.99E-05	5.52E-05	1.82E-04	1.08E-03	1.72E-05	3.88E-04	1.97E-02	1.83E-03	2.35E-02
672	SG_672	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.700	1.02E-01	2.04E-01	Not Modelled	5.38E-02	9.42E-05	7.31E-02	1.02E-02	2.03E-03	2.03E-10	1.02E-03	2.43E-05	1.79E-05	4.99E-05	1.64E-04	9.72E-04	1.55E-05	3.51E-04	1.78E-02	1.65E-03	2.12E-02
673	SG_673	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.700	8.28E-02	1.66E-01	Not Modelled	4.40E-02	7.66E-05	5.76E-02	8.28E-03	1.66E-03	1.66E-10	8.29E-04	1.98E-05	1.46E-05	4.06E-05	1.34E-04	7.91E-04	1.26E-05	2.86E-04	1.45E-02	1.34E-03	1.73E-02
674	SG_674	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.700	7.52E-02	1.51E-01	Not Modelled	4.00E-02	6.96E-05	5.12E-02	7.53E-03	1.51E-03	1.51E-10	7.53E-04	1.80E-05	1.33E-05	3.69E-05	1.22E-04	7.19E-04	1.15E-05	2.59E-04	1.32E-02	1.22E-03	1.57E-02
675	SG_675	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.700	6.99E-02	1.40E-01	Not Modelled	3.67E-02	6.47E-05	4.59E-02	6.99E-03	1.40E-03	1.40E-10	7.00E-04	1.67E-05	1.23E-05	3.43E-05	1.13E-04	6.68E-04	1.07E-05	2.41E-04	1.22E-02	1.13E-03	1.46E-02
676	SG_676	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.700	6.31E-02	1.26E-01	Not Modelled	3.27E-02	5.84E-05	3.95E-02	6.31E-03	1.26E-03	1.26E-10	6.31E-04	1.51E-05	1.11E-05	3.09E-05	1.02E-04	6.02E-04	9.63E-06	2.17E-04	1.10E-02	1.02E-03	1.32E-02
677	SG_677	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.700	5.90E-02	1.18E-01	Not Modelled	3.05E-02	5.46E-05	3.58E-02	5.90E-03	1.18E-03	1.18E-10	5.91E-04	1.41E-05	1.04E-05	2.90E-05	9.53E-05	5.64E-04	9.01E-06	2.04E-04	1.03E-02	9.58E-04	1.23E-02
678	SG_678	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.700	5.85E-02	1.17E-01	Not Modelled	3.03E-02	5.42E-05	3.49E-02	5.85E-03	1.17E-03	1.17E-10	5.86E-04	1.40E-05	1.03E-05	2.87E-05	9.45E-05	5.59E-04	8.94E-06	2.02E-04	1.02E-02	9.50E-04	1.22E-02
679	SG_679	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.700	5.56E-02	1.11E-01	Not Modelled	2.88E-02	5.14E-05	3.22E-02	5.56E-03	1.11E-03	1.11E-10	5.56E-04	1.33E-05	9.80E-06	2.73E-05	8.98E-05	5.31E-04	8.49E-06	1.92E-04	9.73E-03	9.02E-04	1.16E-02
680	SG_680	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.700	5.46E-02	1.09E-01	Not Modelled	2.83E-02	5.06E-05	3.11E-02	5.47E-03	1.09E-03	1.09E-10	5.47E-04	1.31E-05	9.63E-06	2.68E-05	8.83E-05	5.22E-04	8.35E-06	1.88E-04	9.57E-03	8.87E-04	1.14E-02
681	SG_681	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.700	5.05E-02	1.01E-01	Not Modelled	2.61E-02	4.68E-05	2.78E-02	5.06E-03	1.01E-03	1.01E-10	5.06E-04	1.21E-05	8.91E-06	2.48E-05	8.17E-05	4.83E-04	7.72E-06	1.74E-04	8.85E-03	8.20E-04	1.06E-02
682	SG_682	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.700	4.79E-02	9.59E-02	Not Modelled	2.47E-02	4.43E-05	2.57E-02	4.79E-03	9.58E-04	9.58E-11	4.79E-04	1.15E-05	8.45E-06	2.35E-05	7.74E-05	4.57E-04	7.32E-06	1.65E-04	8.39E-03	7.77E-04	1.00E-02
683	SG_683	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.900	3.94E-02	7.89E-02	Not Modelled	2.52E-02	3.65E-05	2.65E-02	3.94E-03	7.88E-04	7.88E-11	3.94E-04	9.43E-06	6.94E-06	1.93E-05	6.36E-05	3.76E-04	6.02E-06	1.36E-04	6.90E-03	6.39E-04	8.22E-03
684	SG_684	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.900	4.24E-02	8.50E-02	Not Modelled	2.73E-02	3.93E-05	2.94E-02	4.24E-03	8.48E-04	8.48E-11	4.24E-04	1.02E-05	7.48E-06	2.08E-05	6.85E-05	4.05E-04	6.48E-06	1.46E-04	7.43E-03	6.88E-04	8.85E-03
685	SG_685	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.900	4.50E-02	9.03E-02	Not Modelled	2.91E-02	4.17E-05	3.21E-02	4.51E-03	9.01E-04	9.01E-11	4.51E-04	1.08E-05	7.94E-06	2.21E-05	7.28E-05	4.30E-04	6.88E-06	1.55E-04	7.89E-03	7.31E-04	9.41E-03
686	SG_686	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.900	4.61E-02	9.24E-02	Not Modelled	2.98E-02	4.27E-05	3.33E-02	4.61E-03	9.22E-04	9.22E-11	4.61E-04	1.10E-05	8.13E-06	2.26E-05	7.45E-05	4.40E-04	7.04E-06	1.59E-04	8.07E-03	7.48E-04	9.63E-03
687	SG_687	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.900	4.75E-02	9.53E-02	Not Modelled	3.09E-02	4.40E-05	3.50E-02	4.76E-03	9.51E-04	9.51E-11	4.76E-04	1.14E-05	8.39E-06	2.33E-05	7.68E-05	4.54E-04	7.26E-06	1.64E-04	8.33E-03	7.72E-04	9.93E-03
688	SG_688	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.900	4.96E-02	9.93E-02	Not Modelled	3.23E-02	4.59E-05	3.71E-02	4.96E-03	9.92E-04	9.92E-11	4.96E-04	1.19E-05	8.74E-06	2.43E-05	8.01E-05	4.74E-04	7.57E-06	1.71E-04	8.68E-03	8.05E-04	1.04E-02
689	SG_689	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.900	5.13E-02	1.03E-01	Not Modelled	3.33E-02	4.75E-05	3.86E-02	5.13E-03	1.03E-03	1.03E-10	5.13E-04	1.23E-05	9.04E-06	2.52E-05	8.28E-05	4.90E-04	7.83E-06	1.77E-04	8.98E-03	8.32E-04	1.07E-02
690	SG_690	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6368.900	5.47E-02	1.10E-01	Not Modelled	3.51E-02	5.06E-05	4.10E-02	5.47E-03	1.09E-03	1.09E-10	5.47E-04	1.31E-05	9.64E-06	2.68E-05	8.84E-05	5.22E-04	8.35E-06	1.89E-04	9.58E-03	8.88E-04	1.14E-02
691	SG_691	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6368.900	6.22E-02	1.25E-01	Not Modelled	3.89E-02	5.76E-05	4.60E-02	6.22E-03	1.24E-03	1.24E-10	6.23E-04	1.49E-05	1.10E-05	3.05E-05	1.01E-04	5.94E-04	9.50E-06	2.15E-04	1.09E-02	1.01E-03	1.30E-02
692	SG_692	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6368.900	7.65E-02	1.53E-01	Not Modelled	4.63E-02	7.08E-05	5.61E-02	7.65E-03	1.53E-03	1.53E-10	7.65E-04	1.83E-05	1.35E-05	3.75E-05	1.24E-04	7.30E-04	1.17E-05	2.64E-04	1.34E-02	1.24E-03	1.60E-02
693	SG_693	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6368.900	9.40E-02	1.88E-01	Not Modelled	5.53E-02	8.70E-05	6.88E-02	9.40E-03	1.88E-03	1.88E-10	9.40E-04	2.25E-05	1.66E-05	4.61E-05	1.52E-04	8.98E-04	1.44E-05	3.24E-04	1.65E-02	1.53E-03	1.96E-02
694	SG_694	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.900	1.20E-01	2.40E-01	Not Modelled	6.97E-02	1.11E-04	8.89E-02	1.20E-02	2.40E-03	2.40E-10	1.20E-03	2.87E-05	2.12E-05	5.89E-05	1.94E-04	1.15E-03	1.83E-05	4.14E-04	2.10E-02	1.95E-03	2.51E-02
695	SG_695	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.900	1.40E-01	2.81E-01	Not Modelled	8.16E-02	1.30E-04	1.07E-01	1.40E-02	2.81E-03	2.81E-10	1.40E-03	3.36E-05	2.47E-05	6.88E-05	2.27E-04	1.34E-03	2.14E-05	4.84E-04	2.46E-02	2.28E-03	2.93E-02
696	SG_696	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.900	1.49E-01	2.99E-01	Not Modelled	8.78E-02	1.38E-04	1.18E-01	1.49E-02	2.98E-03	2.98E-10	1.49E-03	3.57E-05	2.63E-05	7.32E-05	2.41E-04	1.42E-03	2.28E-05	5.14E-04	2.61E-02	2.42E-03	3.11E-02
697	SG_697	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.900	1.30E-01	2.61E-01	Not Modelled	7.35E-02	1.20E-04	1.01E-01	1.30E-02	2.60E-03	2.60E-10	1.30E-03	3.11E-05	2.29E-05	6.38E-05	2.10E-04	1.24E-03	1.99E-05	4.49E-04	2.28E-02	2.11E-03	2.72E-02
698	SG_698	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.900	1.13E-01	2.26E-01	Not Modelled	6.02E-02	1.05E-04	8.45E-02	1.13E-02	2.26E-03	2.26E-10	1.13E-03	2.70E-05	1.99E-05	5.54E-05	1.82E-04	1.08E-03	1.73E-05	3.90E-04	1.98E-02	1.83E-03	2.36E-02
699	SG_699	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.900	9.57E-02	1.92E-01	Not Modelled	4.97E-02	8.86E-05	7.01E-02	9.58E-03	1.91E-03	1.91E-10	9.58E-04	2.29E-05	1.69E-05	4.70E-05	1.55E-04	9.14E-04	1.46E-05	3.30E-04	1.68E-02	1.55E-03	2.00E-02
700	SG_700	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.900	8.84E-02	1.77E-01	Not Modelled	4.56E-02	8.18E-05	6.38E-02	8.84E-03	1.77E-03	1.77E-10	8.84E-04	2.12E-05	1.56E-05	4.34E-05	1.43E-04	8.44E-04	1.35E-05	3.05E-04	1.55E-02	1.43E-03	1.85E-02
701	SG_701	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.900	9.56E-02	1.91E-01	Not Modelled	4.94E-02	8.85E-05	6.85E-02	9.56E-03	1.91E-03	1.91E-10	9.57E-04	2.29E-05	1.69E-05	4.69E-05	1.54E-04	9.13E-04	1.46E-05	3.30E-04	1.67E-02	1.55E-03	2.00E-02
702	SG_702	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.900	9.80E-02	1.96E-01	Not Modelled	5.09E-02	9.07E-05	6.89E-02	9.80E-03	1.96E-03	1.96E-10	9.81E-04	2.35E-05	1.73E-05	4.81E-05	1.58E-04	9.36E-04	1.50E-05	3.38E-04	1.72E-02	1.59E-03	2.05E-02
703	SG_703	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.900	8.90E-02	1.78E-01	Not Modelled	4.66E-02	8.24E-05	6.10E-02	8.90E-03	1.78E-03	1.78E-10	8.90E-04	2.13E-05	1.57E-05	4.37E-05	1.44E-04	8.50E-04	1.36E-05	3.07E-04	1.56E-02	1.44E-03	1.86E-02
704	SG_704	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.900	7.94E-02	1.59E-01	Not Modelled	4.22E-02	7.35E-05	5.38E-02	7.94E-03	1.59E-03	1.59E-10	7.94E-04	1.90E-05	1.40E-05	3.90E-05	1.28E-04	7.58E-04	1.21E-05	2.74E-04	1.39E-02	1.29E-03	1.66E-02
705	SG_705	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.900	6.92E-02	1.39E-01	Not Modelled	3.72E-02	6.40E-05	4.62E-02	6.92E-03	1.38E-03	1.38E-10	6.92E-04	1.66E-05	1.22E-05	3.39E-05	1.12E-04	6.61E-04	1.06E-05	2.39E-04	1.21E-02	1.12E-03	1.44E-02
706	SG_706	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.900	6.23E-02	1.25E-01	Not Modelled	3.36E-02	5.77E-05	4.07E-02	6.24E-03	1.25E-03	1.25E-10	6.24E-04	1.49E-05	1.10E-05	3.06E-05	1.01E-04	5.95E-04	9.52E-06	2.15E-04	1.09E-02	1.01E-03	1.30E-02
707	SG_707	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.900	5.74E-02	1.15E-01	Not Modelled	3.05E-02	5.31E-05	3.60E-02	5.74E-03	1.15E-03	1.15E-10	5.74E-04	1.37E-05	1.01E-05	2.81E-05	9.27E-05	5.48E-04	8.76E-06	1.98E-04	1.00E-02	9.31E-04	1.20E-02
708	SG_708	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.900	5.62E-02	1.13E-01	Not Modelled	2.96E-02	5.21E-05	3.43E-02	5.63E-03	1.13E-03	1.13E-10	5.63E-04	1.35E-05	9.92E-06	2.76E-05	9.09E-05	5.37E-04	8.59E-06	1.94E-04	9.85E-03	9.13E-04	1.17E-02
709	SG_709	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.900	5.60E-02	1.12E-01	Not Modelled	2.94E-02	5.18E-05	3.36E-02	5.60E-03	1.12E-03	1.12E-10	5.61E-04	1.34E-05	9.88E-06	2.75E-05	9.05E-05	5.35E-04	8.56E-06	1.93E-04	9.81E-03	9.09E-04	1.17E-02
710	SG_710	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.900	5.23E-02	1.05E-01	Not Modelled	2.73E-02	4.84E-05	3.02E-02	5.23E-03	1.05E-03	1.05E-10	5.23E-04	1.25E-05	9.22E-06	2.57E-05	8.45E-05	4.99E-04	7.99E-06	1.80E-04	9.16E-03	8.49E-04	1.09E-02
711	SG_711	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.900	4.92E-02	9.85E-02	Not Modelled	2.56E-02	4.55E-05	2.76E-02	4.92E-03	9.84E-04	9.84E-11	4.92E-04	1.18E-05	8.67E-06	2.41E-05	7.95E-05	4.70E-04	7.51E-06	1.70E-04	8.61E-03	7.98E-04	1.03E-02
712	SG_712	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.900	4.60E-02	9.22E-02	Not Modelled	2.39E-02	4.26E-05	2.50E-02	4.61E-03	9.21E-04	9.21E-11	4.61E-04	1.10E-05	8.12E-06	2.26E-05	7.44E-05	4.40E-04	7.03E-06	1.59E-04	8.06E-03	7.47E-04	9.61E-03

AQIA DATA - SCENARIO 2 GRID MAX

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**4.73E-09**	**2.37E-02**	**5.66E-04**	**4.17E-04**	**1.16E-03**	**3.82E-03**	**2.26E-02**	**3.61E-04**	**8.15E-03**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
713	SG_713	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.900	4.22E-02	8.47E-02	Not Modelled	2.19E-02	3.91E-05	2.21E-02	4.23E-03	8.45E-04	8.45E-11	4.23E-04	1.01E-05	7.45E-06	2.07E-05	6.83E-05	4.04E-04	6.45E-06	1.46E-04	7.40E-03	6.86E-04	8.82E-03
714	SG_714	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.100	3.85E-02	7.71E-02	Not Modelled	2.53E-02	3.56E-05	2.56E-02	3.85E-03	7.70E-04	7.70E-11	3.85E-04	9.21E-06	6.78E-06	1.89E-05	6.21E-05	3.67E-04	5.88E-06	1.33E-04	6.74E-03	6.24E-04	8.03E-03
715	SG_715	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.100	4.03E-02	8.08E-02	Not Modelled	2.67E-02	3.73E-05	2.76E-02	4.03E-03	8.07E-04	8.07E-11	4.04E-04	9.65E-06	7.11E-06	1.98E-05	6.51E-05	3.85E-04	6.16E-06	1.39E-04	7.06E-03	6.54E-04	8.42E-03
716	SG_716	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.100	4.13E-02	8.28E-02	Not Modelled	2.76E-02	3.83E-05	2.90E-02	4.13E-03	8.27E-04	8.27E-11	4.14E-04	9.89E-06	7.29E-06	2.03E-05	6.68E-05	3.95E-04	6.31E-06	1.43E-04	7.24E-03	6.71E-04	8.63E-03
717	SG_717	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.100	4.28E-02	8.57E-02	Not Modelled	2.86E-02	3.96E-05	3.06E-02	4.28E-03	8.56E-04	8.56E-11	4.28E-04	1.02E-05	7.54E-06	2.10E-05	6.91E-05	4.09E-04	6.53E-06	1.48E-04	7.49E-03	6.94E-04	8.93E-03
718	SG_718	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.100	4.44E-02	8.90E-02	Not Modelled	2.98E-02	4.11E-05	3.23E-02	4.44E-03	8.89E-04	8.89E-11	4.45E-04	1.06E-05	7.83E-06	2.18E-05	7.18E-05	4.24E-04	6.79E-06	1.53E-04	7.78E-03	7.21E-04	9.27E-03
719	SG_719	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.100	4.54E-02	9.10E-02	Not Modelled	3.02E-02	4.21E-05	3.31E-02	4.54E-03	9.09E-04	9.09E-11	4.55E-04	1.09E-05	8.01E-06	2.23E-05	7.34E-05	4.34E-04	6.94E-06	1.57E-04	7.96E-03	7.37E-04	9.49E-03
720	SG_720	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.100	4.95E-02	9.92E-02	Not Modelled	3.24E-02	4.58E-05	3.60E-02	4.95E-03	9.90E-04	9.90E-11	4.95E-04	1.18E-05	8.73E-06	2.43E-05	7.99E-05	4.73E-04	7.56E-06	1.71E-04	8.67E-03	8.03E-04	1.03E-02
721	SG_721	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6369.100	5.40E-02	1.08E-01	Not Modelled	3.42E-02	5.00E-05	3.85E-02	5.41E-03	1.08E-03	1.08E-10	5.41E-04	1.29E-05	9.53E-06	2.65E-05	8.73E-05	5.16E-04	8.26E-06	1.86E-04	9.47E-03	8.77E-04	1.13E-02
722	SG_722	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6369.100	6.32E-02	1.27E-01	Not Modelled	3.87E-02	5.85E-05	4.44E-02	6.32E-03	1.26E-03	1.26E-10	6.33E-04	1.51E-05	1.11E-05	3.10E-05	1.02E-04	6.04E-04	9.65E-06	2.18E-04	1.11E-02	1.03E-03	1.32E-02
723	SG_723	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6369.100	7.59E-02	1.52E-01	Not Modelled	4.52E-02	7.03E-05	5.33E-02	7.59E-03	1.52E-03	1.52E-10	7.60E-04	1.82E-05	1.34E-05	3.72E-05	1.23E-04	7.25E-04	1.16E-05	2.62E-04	1.33E-02	1.23E-03	1.58E-02
724	SG_724	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6369.100	9.28E-02	1.86E-01	Not Modelled	5.45E-02	8.59E-05	6.58E-02	9.28E-03	1.86E-03	1.86E-10	9.29E-04	2.22E-05	1.64E-05	4.55E-05	1.50E-04	8.86E-04	1.42E-05	3.20E-04	1.63E-02	1.51E-03	1.94E-02
725	SG_725	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6369.100	1.05E-01	2.11E-01	Not Modelled	6.13E-02	9.75E-05	7.57E-02	1.05E-02	2.11E-03	2.11E-10	1.05E-03	2.52E-05	1.86E-05	5.17E-05	1.70E-04	1.01E-03	1.61E-05	3.63E-04	1.85E-02	1.71E-03	2.20E-02
726	SG_726	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6369.100	1.12E-01	2.25E-01	Not Modelled	6.56E-02	1.04E-04	8.24E-02	1.12E-02	2.25E-03	2.25E-10	1.12E-03	2.69E-05	1.98E-05	5.51E-05	1.82E-04	1.07E-03	1.72E-05	3.88E-04	1.97E-02	1.82E-03	2.35E-02
727	SG_727	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6369.100	1.09E-01	2.18E-01	Not Modelled	6.32E-02	1.01E-04	8.11E-02	1.09E-02	2.18E-03	2.18E-10	1.09E-03	2.61E-05	1.92E-05	5.34E-05	1.76E-04	1.04E-03	1.66E-05	3.76E-04	1.91E-02	1.77E-03	2.27E-02
728	SG_728	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.100	1.02E-01	2.05E-01	Not Modelled	5.79E-02	9.48E-05	7.62E-02	1.02E-02	2.05E-03	2.05E-10	1.03E-03	2.45E-05	1.81E-05	5.03E-05	1.65E-04	9.78E-04	1.56E-05	3.53E-04	1.79E-02	1.66E-03	2.14E-02
729	SG_729	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.100	9.01E-02	1.80E-01	Not Modelled	4.84E-02	8.34E-05	6.47E-02	9.01E-03	1.80E-03	1.80E-10	9.01E-04	2.16E-05	1.59E-05	4.42E-05	1.45E-04	8.60E-04	1.38E-05	3.11E-04	1.58E-02	1.46E-03	1.88E-02
730	SG_730	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.100	8.06E-02	1.61E-01	Not Modelled	4.29E-02	7.46E-05	5.81E-02	8.06E-03	1.61E-03	1.61E-10	8.07E-04	1.93E-05	1.42E-05	3.96E-05	1.30E-04	7.70E-04	1.23E-05	2.78E-04	1.41E-02	1.31E-03	1.68E-02
731	SG_731	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.100	7.44E-02	1.49E-01	Not Modelled	3.92E-02	6.89E-05	5.29E-02	7.45E-03	1.49E-03	1.49E-10	7.45E-04	1.78E-05	1.31E-05	3.65E-05	1.20E-04	7.11E-04	1.14E-05	2.57E-04	1.30E-02	1.21E-03	1.55E-02
732	SG_732	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.100	7.75E-02	1.55E-01	Not Modelled	4.06E-02	7.17E-05	5.41E-02	7.75E-03	1.55E-03	1.55E-10	7.75E-04	1.85E-05	1.37E-05	3.80E-05	1.25E-04	7.40E-04	1.18E-05	2.67E-04	1.36E-02	1.26E-03	1.62E-02
733	SG_733	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.100	8.09E-02	1.62E-01	Not Modelled	4.21E-02	7.49E-05	5.49E-02	8.09E-03	1.62E-03	1.62E-10	8.10E-04	1.94E-05	1.43E-05	3.97E-05	1.31E-04	7.73E-04	1.24E-05	2.79E-04	1.42E-02	1.31E-03	1.69E-02
734	SG_734	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.100	7.65E-02	1.53E-01	Not Modelled	3.98E-02	7.08E-05	5.03E-02	7.66E-03	1.53E-03	1.53E-10	7.66E-04	1.83E-05	1.35E-05	3.76E-05	1.24E-04	7.31E-04	1.17E-05	2.64E-04	1.34E-02	1.24E-03	1.60E-02
735	SG_735	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.100	7.14E-02	1.43E-01	Not Modelled	3.77E-02	6.61E-05	4.64E-02	7.15E-03	1.43E-03	1.43E-10	7.15E-04	1.71E-05	1.26E-05	3.51E-05	1.15E-04	6.82E-04	1.09E-05	2.46E-04	1.25E-02	1.16E-03	1.49E-02
736	SG_736	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.100	6.43E-02	1.29E-01	Not Modelled	3.44E-02	5.95E-05	4.13E-02	6.43E-03	1.29E-03	1.29E-10	6.44E-04	1.54E-05	1.13E-05	3.16E-05	1.04E-04	6.14E-04	9.82E-06	2.22E-04	1.13E-02	1.04E-03	1.34E-02
737	SG_737	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.100	5.78E-02	1.16E-01	Not Modelled	3.14E-02	5.35E-05	3.68E-02	5.78E-03	1.16E-03	1.16E-10	5.78E-04	1.38E-05	1.02E-05	2.83E-05	9.33E-05	5.52E-04	8.82E-06	1.99E-04	1.01E-02	9.38E-04	1.21E-02
738	SG_738	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.100	5.39E-02	1.08E-01	Not Modelled	2.95E-02	4.99E-05	3.40E-02	5.40E-03	1.08E-03	1.08E-10	5.40E-04	1.29E-05	9.51E-06	2.65E-05	8.71E-05	5.15E-04	8.24E-06	1.86E-04	9.45E-03	8.75E-04	1.13E-02
739	SG_739	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.100	5.11E-02	1.02E-01	Not Modelled	2.77E-02	4.73E-05	3.13E-02	5.11E-03	1.02E-03	1.02E-10	5.11E-04	1.22E-05	9.01E-06	2.51E-05	8.26E-05	4.88E-04	7.81E-06	1.76E-04	8.95E-03	8.29E-04	1.07E-02
740	SG_740	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.100	5.17E-02	1.03E-01	Not Modelled	2.77E-02	4.78E-05	3.10E-02	5.17E-03	1.03E-03	1.03E-10	5.17E-04	1.24E-05	9.11E-06	2.53E-05	8.35E-05	4.93E-04	7.89E-06	1.78E-04	9.05E-03	8.38E-04	1.08E-02
741	SG_741	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.100	4.87E-02	9.75E-02	Not Modelled	2.58E-02	4.51E-05	2.80E-02	4.87E-03	9.74E-04	9.74E-11	4.87E-04	1.17E-05	8.59E-06	2.39E-05	7.87E-05	4.65E-04	7.44E-06	1.68E-04	8.53E-03	7.90E-04	1.02E-02
742	SG_742	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.100	4.39E-02	8.79E-02	Not Modelled	2.30E-02	4.06E-05	2.40E-02	4.39E-03	8.78E-04	8.78E-11	4.39E-04	1.05E-05	7.74E-06	2.15E-05	7.09E-05	4.19E-04	6.70E-06	1.51E-04	7.69E-03	7.12E-04	9.16E-03
743	SG_743	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.100	4.27E-02	8.55E-02	Not Modelled	2.23E-02	3.95E-05	2.29E-02	4.27E-03	8.54E-04	8.54E-11	4.27E-04	1.02E-05	7.53E-06	2.09E-05	6.90E-05	4.08E-04	6.52E-06	1.47E-04	7.48E-03	6.93E-04	8.91E-03
744	SG_744	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.100	4.00E-02	8.01E-02	Not Modelled	2.09E-02	3.70E-05	2.08E-02	4.00E-03	8.00E-04	8.00E-11	4.00E-04	9.57E-06	7.05E-06	1.96E-05	6.46E-05	3.82E-04	6.11E-06	1.38E-04	7.01E-03	6.49E-04	8.35E-03
745	SG_745	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.300	3.78E-02	7.57E-02	Not Modelled	2.57E-02	3.50E-05	2.50E-02	3.78E-03	7.56E-04	7.56E-11	3.78E-04	9.05E-06	6.66E-06	1.85E-05	6.10E-05	3.61E-04	5.77E-06	1.30E-04	6.62E-03	6.13E-04	7.89E-03
746	SG_746	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.300	3.71E-02	7.43E-02	Not Modelled	2.53E-02	3.43E-05	2.49E-02	3.71E-03	7.42E-04	7.42E-11	3.71E-04	8.88E-06	6.54E-06	1.82E-05	5.99E-05	3.54E-04	5.67E-06	1.28E-04	6.50E-03	6.02E-04	7.75E-03
747	SG_747	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.300	3.80E-02	7.62E-02	Not Modelled	2.60E-02	3.52E-05	2.61E-02	3.80E-03	7.61E-04	7.61E-11	3.81E-04	9.10E-06	6.71E-06	1.87E-05	6.14E-05	3.63E-04	5.81E-06	1.31E-04	6.66E-03	6.17E-04	7.94E-03
748	SG_748	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.300	3.89E-02	7.79E-02	Not Modelled	2.65E-02	3.60E-05	2.70E-02	3.89E-03	7.78E-04	7.78E-11	3.89E-04	9.30E-06	6.85E-06	1.91E-05	6.28E-05	3.71E-04	5.94E-06	1.34E-04	6.81E-03	6.31E-04	8.12E-03
749	SG_749	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.300	4.16E-02	8.33E-02	Not Modelled	2.83E-02	3.85E-05	2.93E-02	4.16E-03	8.32E-04	8.32E-11	4.16E-04	9.95E-06	7.33E-06	2.04E-05	6.72E-05	3.97E-04	6.35E-06	1.43E-04	7.28E-03	6.75E-04	8.68E-03
750	SG_750	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.300	4.35E-02	8.72E-02	Not Modelled	2.89E-02	4.03E-05	3.03E-02	4.35E-03	8.70E-04	8.70E-11	4.35E-04	1.04E-05	7.67E-06	2.13E-05	7.03E-05	4.16E-04	6.65E-06	1.50E-04	7.62E-03	7.06E-04	9.08E-03
751	SG_751	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.300	4.84E-02	9.70E-02	Not Modelled	3.12E-02	4.48E-05	3.33E-02	4.84E-03	9.68E-04	9.68E-11	4.84E-04	1.16E-05	8.53E-06	2.37E-05	7.82E-05	4.62E-04	7.39E-06	1.67E-04	8.48E-03	7.85E-04	1.01E-02
752	SG_752	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6369.300	5.46E-02	1.09E-01	Not Modelled	3.38E-02	5.06E-05	3.70E-02	5.47E-03	1.09E-03	1.09E-10	5.47E-04	1.31E-05	9.64E-06	2.68E-05	8.83E-05	5.22E-04	8.35E-06	1.88E-04	9.57E-03	8.87E-04	1.14E-02
753	SG_753	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6369.300	6.56E-02	1.32E-01	Not Modelled	3.96E-02	6.08E-05	4.44E-02	6.57E-03	1.31E-03	1.31E-10	6.57E-04	1.57E-05	1.16E-05	3.22E-05	1.06E-04	6.27E-04	1.00E-05	2.26E-04	1.15E-02	1.07E-03	1.37E-02
754	SG_754	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6369.300	7.83E-02	1.57E-01	Not Modelled	4.64E-02	7.25E-05	5.34E-02	7.83E-03	1.57E-03	1.57E-10	7.83E-04	1.87E-05	1.38E-05	3.84E-05	1.26E-04	7.48E-04	1.20E-05	2.70E-04	1.37E-02	1.27E-03	1.63E-02
755	SG_755	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6369.300	8.85E-02	1.77E-01	Not Modelled	5.19E-02	8.19E-05	6.11E-02	8.85E-03	1.77E-03	1.77E-10	8.85E-04	2.12E-05	1.56E-05	4.34E-05	1.43E-04	8.45E-04	1.35E-05	3.05E-04	1.55E-02	1.44E-03	1.85E-02
756	SG_756	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6369.300	9.53E-02	1.91E-01	Not Modelled	5.59E-02	8.82E-05	6.69E-02	9.53E-03	1.91E-03	1.91E-10	9.53E-04	2.28E-05	1.68E-05	4.67E-05	1.54E-04	9.10E-04	1.46E-05	3.29E-04	1.67E-02	1.55E-03	1.99E-02
757	SG_757	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.300	9.53E-02	1.91E-01	Not Modelled	5.59E-02	8.82E-05	6.79E-02	9.53E-03	1.91E-03	1.91E-10	9.53E-04	2.28E-05	1.68E-05	4.67E-05	1.54E-04	9.10E-04	1.46E-05	3.29E-04	1.67E-02	1.55E-03	1.99E-02
758	SG_758	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6369.300	8.88E-02	1.78E-01	Not Modelled	5.16E-02	8.22E-05	6.39E-02	8.89E-03	1.78E-03	1.78E-10	8.89E-04	2.13E-05	1.57E-05	4.36E-05	1.44E-04	8.49E-04	1.36E-05	3.06E-04	1.56E-02	1.44E-03	1.85E-02
759	SG_759	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.300	8.18E-02	1.64E-01	Not Modelled	4.61E-02	7.57E-05	5.82E-02	8.18E-03	1.64E-03	1.64E-10	8.18E-04	1.96E-05	1.44E-05	4.01E-05	1.32E-04	7.81E-04	1.25E-05	2.82E-04	1.43E-02	1.33E-03	1.71E-02
760	SG_760	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.300	7.37E-02	1.48E-01	Not Modelled	3.98E-02	6.82E-05	5.10E-02	7.37E-03	1.47E-03	1.47E-10	7.37E-04	1.76E-05	1.30E-05	3.61E-05	1.19E-04	7.04E-04	1.13E-05	2.54E-04	1.29E-02	1.20E-03	1.54E-02
761	SG_761	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.300	6.62E-02	1.33E-01	Not Modelled	3.55E-02	6.13E-05	4.59E-02	6.62E-03	1.32E-03	1.32E-10	6.62E-04	1.58E-05	1.17E-05	3.25E-05	1.07E-04	6.32E-04	1.01E-05	2.28E-04	1.16E-02	1.07E-03	1.38E-02
762	SG_762	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.300	6.19E-02	1.24E-01	Not Modelled	3.30E-02	5.73E-05	4.26E-02	6.19E-03	1.24E-03	1.24E-10	6.19E-04	1.48E-05	1.09E-05	3.04E-05	1.00E-04	5.91E-04	9.46E-06	2.14E-04	1.08E-02	1.00E-03	1.29E-02
763	SG_763	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.300	6.17E-02	1.24E-01	Not Modelled	3.24E-02	5.71E-05	4.14E-02	6.17E-03	1.23E-03	1.23E-10	6.18E-04	1.48E-05	1.09E-05	3.03E-05	9.97E-05	5.89E-04	9.43E-06	2.13E-04	1.08E-02	1.00E-03	1.29E-02
764	SG_764	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.300	6.74E-02	1.35E-01	Not Modelled	3.54E-02	6.24E-05	4.46E-02	6.75E-03	1.35E-03	1.35E-10	6.75E-04	1.61E-05	1.19E-05	3.31E-05	1.09E-04	6.44E-04	1.03E-05	2.33E-04	1.18E-02	1.09E-03	1.41E-02
765	SG_765	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.300	6.99E-02	1.40E-01	Not Modelled	3.66E-02	6.47E-05	4.52E-02	6.99E-03	1.40E-03	1.40E-10	7.00E-04	1.67E-05	1.23E-05	3.43E-05	1.13E-04	6.68E-04	1.07E-05	2.41E-04	1.22E-02	1.13E-03	1.46E-02
766	SG_766	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.300	6.67E-02	1.34E-01	Not Modelled	3.52E-02	6.17E-05	4.22E-02	6.67E-03	1.33E-03	1.33E-10	6.67E-04	1.60E-05	1.18E-05	3.27E-05	1.08E-04	6.37E-04	1.02E-05	2.30E-04	1.17E-02	1.08E-03	1.39E-02
767	SG_767	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.300	5.94E-02	1.19E-01	Not Modelled	3.15E-02	5.49E-05	3.68E-02	5.94E-03	1.19E-03	1.19E-10	5.94E-04	1.42E-05	1.05E-05	2.91E-05	9.59E-05	5.67E-04	9.07E-06	2.05E-04	1.04E-02	9.63E-04	1.24E-02
768	SG_768	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.300	5.43E-02	1.09E-01	Not Modelled	2.93E-02	5.02E-05	3.34E-02	5.43E-03	1.09E-03	1.09E-10	5.43E-04	1.30E-05	9.57E-06	2.66E-05	8.77E-05	5.18E-04	8.29E-06	1.87E-04	9.51E-03	8.81E-04	1.13E-02
769	SG_769	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.300	4.83E-02	9.69E-02	Not Modelled	2.64E-02	4.48E-05	2.93E-02	4.84E-03	9.67E-04	9.67E-11	4.84E-04	1.16E-05	8.53E-06	2.37E-05	7.81E-05	4.62E-04	7.38E-06	1.67E-04	8.47E-03	7.85E-04	1.01E-02
770	SG_770	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.300	4.61E-02	9.23E-02	Not Modelled	2.54E-02	4.27E-05	2.77E-02	4.61E-03	9.22E-04	9.22E-11	4.61E-04	1.10E-05	8.13E-06	2.26E-05	7.44E-05	4.40E-04	7.04E-06	1.59E-04	8.07E-03	7.48E-04	9.62E-03
771	SG_771	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.300	4.72E-02	9.46E-02	Not Modelled	2.60E-02	4.37E-05	2.83E-02	4.72E-03	9.44E-04	9.44E-11	4.72E-04	1.13E-05	8.32E-06	2.32E-05	7.63E-05	4.51E-04	7.21E-06	1.63E-04	8.27E-03	7.66E-04	9.86E-03
772	SG_772	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.300	4.60E-02	9.21E-02	Not Modelled	2.50E-02	4.26E-05	2.67E-02	4.60E-03	9.20E-04	9.20E-11	4.60E-04	1.10E-05	8.11E-06	2.26E-05	7.43E-05	4.39E-04	7.02E-06	1.59E-04	8.05E-03	7.46E-04	9.60E-03
773	SG_773	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.300	4.16E-02	8.33E-02	Not Modelled	2.21E-02	3.85E-05	2.28E-02	4.16E-03	8.32E-04	8.32E-11	4.16E-04	9.95E-06	7.33E-06	2.04E-05	6.72E-05	3.97E-04	6.35E-06	1.43E-04	7.28E-03	6.75E-04	8.68E-03
774	SG_774	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.300	4.03E-02	8.08E-02	Not Modelled	2.13E-02	3.74E-05	2.15E-02	4.04E-03	8.07E-04	8.07E-11	4.04E-04	9.66E-06	7.12E-06	1.98E-05	6.52E-05	3.85E-04	6.16E-06	1.39E-04	7.07E-03	6.55E-04	8.42E-03
775	SG_775	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.300	4.30E-02	8.61E-02	Not Modelled	2.28E-02	3.98E-05	2.30E-02	4.30E-03	8.60E-04	8.60E-11	4.30E-04	1.03E-05	7.58E-06	2.11E-05	6.95E-05	4.11E-04	6.57E-06	1.48E-04	7.53E-03	6.98E-04	8.98E-03
776	SG_776	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.500	3.59E-02	7.21E-02	Not Modelled	2.50E-02	3.33E-05	2.33E-02	3.60E-03	7.19E-04	7.19E-11	3.60E-04	8.61E-06	6.34E-06	1.76E-05	5.81E-05	3.44E-04	5.49E-06	1.24E-04	6.30E-03	5.84E-04	7.51E-03
777	SG_777	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.500	3.57E-02	7.15E-02	Not Modelled	2.49E-02	3.30E-05	2.35E-02	3.57E-03	7.14E-04	7.14E-11	3.57E-04	8.54E-06	6.29E-06	1.75E-05	5.76E-05	3.41E-04	5.45E-06	1.23E-04	6.25E-03	5.79E-04	7.45E-03
778	SG_778	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.500	3.55E-02	7.12E-02	Not Modelled	2.46E-02	3.29E-05	2.36E-02	3.55E-03	7.10E-04	7.10E-11	3.55E-04	8.50E-06	6.26E-06	1.74E-05	5.74E-05	3.39E-04	5.42E-06	1.22E-04	6.22E-03	5.76E-04	7.41E-03
779	SG_779	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.500	3.69E-02	7.41E-02	Not Modelled	2.54E-02	3.42E-05	2.47E-02	3.70E-03	7.39E-04	7.39E-11	3.70E-04	8.84E-06	6.51E-06	1.81E-05	5.97E-05	3.53E-04	5.64E-06	1.27E-04	6.47E-03	6.00E-04	7.71E-03
780	SG_780	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.500	3.97E-02	7.97E-02	Not Modelled	2.68E-02	3.68E-05	2.66E-02	3.98E-03	7.95E-04	7.95E-11	3.98E-04	9.51E-06	7.01E-06	1.95E-05	6.42E-05	3.80E-04	6.07E-06	1.37E-04	6.96E-03	6.45E-04	8.30E-03
781	SG_781	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.500	4.33E-02	8.67E-02	Not Modelled	2.83E-02	4.01E-05	2.86E-02	4.33E-03	8.66E-04	8.66E-11	4.33E-04	1.04E-05	7.63E-06	2.12E-05	6.99E-05	4.13E-04	6.61E-06	1.49E-04	7.58E-03	7.02E-04	9.03E-03
782	SG_782	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.500	4.93E-02	9.88E-02	Not Modelled	3.11E-02	4.56E-05	3.22E-02	4.93E-03	9.87E-04	9.87E-11	4.94E-04	1.18E-05	8.70E-06	2.42E-05	7.97E-05	4.71E-04	7.53E-06	1.70E-04	8.64E-03	8.00E-04	1.03E-02
783	SG_783	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6369.500	5.58E-02	1.12E-01	Not Modelled	3.40E-02	5.16E-05	3.63E-02	5.58E-03	1.12E-03	1.12E-10	5.58E-04	1.33E-05	9.83E-06	2.74E-05	9.01E-05	5.33E-04	8.52E-06	1.92E-04	9.77E-03	9.05E-04	1.16E-02
784	SG_784	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6369.500	6.57E-02	1.32E-01	Not Modelled	3.93E-02	6.08E-05	4.31E-02	6.57E-03	1.31E-03	1.31E-10	6.58E-04	1.57E-05	1.16E-05	3.22E-05	1.06E-04	6.28E-04	1.00E-05	2.27E-04	1.15E-02	1.07E-03	1.37E-02
785	SG_785	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6369.500	7.62E-02	1.53E-01	Not Modelled	4.50E-02	7.05E-05	5.07E-02	7.62E-03	1.52E-03	1.52E-10	7.62E-04	1.82E-05	1.34E-05	3.74E-05	1.23E-04	7.28E-04	1.16E-05	2.63E-04	1.33E-02	1.24E-03	1.59E-02
786	SG_786	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6369.500	8.44E-02	1.69E-01	Not Modelled	4.98E-02	7.82E-05	5.71E-02	8.45E-03	1.69E-03	1.69E-10	8.45E-04	2.02E-05	1.49E-05	4.14E-05	1.36E-04	8.07E-04	1.29E-05	2.91E-04	1.48E-02	1.37E-03	1.76E-02
787	SG_787	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6369.500	8.59E-02	1.72E-01	Not Modelled	5.07E-02	7.95E-05	5.88E-02	8.59E-03	1.72E-03	1.72E-10	8.60E-04	2.06E-05	1.51E-05	4.21E-05	1.39E-04	8.21E-04	1.31E-05	2.96E-04	1.50E-02	1.39E-03	1.79E-02
788	SG_788	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.500	8.12E-02	1.63E-01	Not Modelled	4.78E-02	7.51E-05	5.63E-02	8.12E-03	1.62E-03	1.62E-10	8.12E-04	1.94E-05	1.43E-05	3.98E-05	1.31E-04	7.75E-04	1.24E-05	2.80E-04	1.42E-02	1.32E-03	1.69E-02
789	SG_789	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6369.500	7.52E-02	1.51E-01	Not Modelled	4.38E-02	6.96E-05	5.26E-02	7.52E-03	1.50E-03	1.50E-10	7.52E-04	1.80E-05	1.33E-05	3.69E-05	1.21E-04	7.18E-04	1.15E-05	2.59E-04	1.32E-02	1.22E-03	1.57E-02
790	SG_790	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.500	6.78E-02	1.36E-01	Not Modelled	3.82E-02	6.27E-05	4.66E-02	6.78E-03	1.36E-03	1.36E-10	6.78E-04	1.62E-05	1.19E-05	3.32E-05	1.09E-04	6.47E-04	1.04E-05	2.34E-04	1.19E-02	1.10E-03	1.41E-02
791	SG_791	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.500	6.26E-02	1.25E-01	Not Modelled	3.42E-02	5.79E-05	4.23E-02	6.26E-03	1.25E-03	1.25E-10	6.26E-04	1.50E-05	1.10E-05	3.07E-05	1.01E-04	5.98E-04	9.56E-06	2.16E-04	1.10E-02	1.02E-03	1.31E-02
792	SG_792	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.500	5.59E-02	1.12E-01	Not Modelled	3.03E-02	5.17E-05	3.76E-02	5.59E-03	1.12E-03	1.12E-10	5.59E-04	1.34E-05	9.85E-06	2.74E-05	9.02E-05	5.34E-04	8.53E-06	1.93E-04	9.78E-03	9.07E-04	1.17E-02
793	SG_793	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.500	5.26E-02	1.06E-01	Not Modelled	2.84E-02	4.87E-05	3.53E-02	5.27E-03	1.05E-03	1.05E-10	5.27E-04	1.26E-05	9.28E-06	2.58E-05	8.50E-05	5.03E-04	8.04E-06	1.82E-04	9.22E-03	8.54E-04	1.10E-02
794	SG_794	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.500	5.35E-02	1.07E-01	Not Modelled	2.86E-02	4.96E-05	3.53E-02	5.36E-03	1.07E-03	1.07E-10	5.36E-04	1.28E-05	9.44E-06	2.63E-05	8.65E-05	5.11E-04	8.18E-06	1.85E-04	9.38E-03	8.69E-04	1.12E-02
795	SG_795	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.500	5.60E-02	1.12E-01	Not Modelled	2.96E-02	5.18E-05	3.60E-02	5.60E-03	1.12E-03	1.12E-10	5.60E-04	1.34E-05	9.87E-06	2.75E-05	9.04E-05	5.35E-04	8.55E-06	1.93E-04	9.81E-03	9.09E-04	1.17E-02
796	SG_796	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.500	6.30E-02	1.26E-01	Not Modelled	3.34E-02	5.83E-05	4.02E-02	6.31E-03	1.26E-03	1.26E-10	6.31E-04	1.51E-05	1.11E-05	3.09E-05	1.02E-04	6.02E-04	9.63E-06	2.17E-04	1.10E-02	1.02E-03	1.32E-02
797	SG_797	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.500	6.13E-02	1.23E-01	Not Modelled	3.24E-02	5.68E-05	3.80E-02	6.13E-03	1.23E-03	1.23E-10	6.14E-04	1.47E-05	1.08E-05	3.01E-05	9.91E-05	5.86E-04	9.37E-06	2.11E-04	1.07E-02	9.95E-04	1.28E-02

AQIA DATA - SCENARIO 2 GRID MAX

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**4.73E-09**	**2.37E-02**	**5.66E-04**	**4.17E-04**	**1.16E-03**	**3.82E-03**	**2.26E-02**	**3.61E-04**	**8.15E-03**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
798	SG_798	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.500	5.58E-02	1.12E-01	Not Modelled	2.96E-02	5.16E-05	3.36E-02	5.58E-03	1.12E-03	1.12E-10	5.58E-04	1.34E-05	9.84E-06	2.74E-05	9.01E-05	5.33E-04	8.52E-06	1.92E-04	9.77E-03	9.06E-04	1.17E-02
799	SG_799	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.500	5.03E-02	1.01E-01	Not Modelled	2.70E-02	4.66E-05	2.98E-02	5.04E-03	1.01E-03	1.01E-10	5.04E-04	1.20E-05	8.88E-06	2.47E-05	8.13E-05	4.81E-04	7.69E-06	1.74E-04	8.82E-03	8.17E-04	1.05E-02
800	SG_800	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.500	4.78E-02	9.58E-02	Not Modelled	2.60E-02	4.43E-05	2.83E-02	4.78E-03	9.57E-04	9.57E-11	4.79E-04	1.14E-05	8.43E-06	2.35E-05	7.73E-05	4.57E-04	7.31E-06	1.65E-04	8.38E-03	7.76E-04	9.99E-03
801	SG_801	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.500	4.48E-02	8.99E-02	Not Modelled	2.48E-02	4.15E-05	2.65E-02	4.49E-03	8.97E-04	8.97E-11	4.49E-04	1.07E-05	7.91E-06	2.20E-05	7.25E-05	4.28E-04	6.85E-06	1.55E-04	7.86E-03	7.28E-04	9.36E-03
802	SG_802	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.500	4.36E-02	8.74E-02	Not Modelled	2.44E-02	4.04E-05	2.57E-02	4.37E-03	8.73E-04	8.73E-11	4.37E-04	1.04E-05	7.69E-06	2.14E-05	7.05E-05	4.17E-04	6.66E-06	1.50E-04	7.64E-03	7.08E-04	9.11E-03
803	SG_803	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.500	4.28E-02	8.57E-02	Not Modelled	2.38E-02	3.96E-05	2.49E-02	4.28E-03	8.56E-04	8.56E-11	4.28E-04	1.02E-05	7.54E-06	2.10E-05	6.91E-05	4.09E-04	6.53E-06	1.48E-04	7.49E-03	6.94E-04	8.93E-03
804	SG_804	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.500	3.92E-02	7.85E-02	Not Modelled	2.15E-02	3.63E-05	2.17E-02	3.92E-03	7.84E-04	7.84E-11	3.92E-04	9.38E-06	6.91E-06	1.92E-05	6.33E-05	3.74E-04	5.99E-06	1.35E-04	6.87E-03	6.36E-04	8.18E-03
805	SG_805	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.500	3.86E-02	7.74E-02	Not Modelled	2.09E-02	3.58E-05	2.08E-02	3.87E-03	7.73E-04	7.73E-11	3.87E-04	9.25E-06	6.81E-06	1.90E-05	6.24E-05	3.69E-04	5.90E-06	1.33E-04	6.77E-03	6.27E-04	8.07E-03
806	SG_806	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.500	3.93E-02	7.88E-02	Not Modelled	2.10E-02	3.64E-05	2.08E-02	3.93E-03	7.86E-04	7.86E-11	3.93E-04	9.41E-06	6.93E-06	1.93E-05	6.35E-05	3.75E-04	6.00E-06	1.36E-04	6.89E-03	6.38E-04	8.21E-03
807	SG_807	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.700	3.50E-02	7.01E-02	Not Modelled	2.48E-02	3.24E-05	2.22E-02	3.50E-03	7.00E-04	7.00E-11	3.50E-04	8.37E-06	6.17E-06	1.72E-05	5.65E-05	3.34E-04	5.34E-06	1.21E-04	6.13E-03	5.68E-04	7.30E-03
808	SG_808	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.700	3.33E-02	6.67E-02	Not Modelled	2.33E-02	3.08E-05	2.10E-02	3.33E-03	6.66E-04	6.66E-11	3.33E-04	7.97E-06	5.87E-06	1.63E-05	5.38E-05	3.18E-04	5.08E-06	1.15E-04	5.83E-03	5.40E-04	6.95E-03
809	SG_809	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.700	3.38E-02	6.77E-02	Not Modelled	2.34E-02	3.13E-05	2.15E-02	3.38E-03	6.76E-04	6.76E-11	3.38E-04	8.08E-06	5.96E-06	1.66E-05	5.46E-05	3.23E-04	5.16E-06	1.17E-04	5.92E-03	5.48E-04	7.05E-03
810	SG_810	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.700	3.51E-02	7.04E-02	Not Modelled	2.38E-02	3.25E-05	2.22E-02	3.51E-03	7.02E-04	7.02E-11	3.51E-04	8.40E-06	6.19E-06	1.72E-05	5.67E-05	3.35E-04	5.36E-06	1.21E-04	6.15E-03	5.70E-04	7.33E-03
811	SG_811	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.700	3.76E-02	7.54E-02	Not Modelled	2.47E-02	3.48E-05	2.36E-02	3.76E-03	7.53E-04	7.53E-11	3.77E-04	9.01E-06	6.64E-06	1.85E-05	6.08E-05	3.59E-04	5.75E-06	1.30E-04	6.59E-03	6.11E-04	7.86E-03
812	SG_812	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.700	4.31E-02	8.65E-02	Not Modelled	2.75E-02	3.99E-05	2.70E-02	4.32E-03	8.63E-04	8.63E-11	4.32E-04	1.03E-05	7.61E-06	2.12E-05	6.97E-05	4.12E-04	6.59E-06	1.49E-04	7.56E-03	7.00E-04	9.01E-03
813	SG_813	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.700	4.89E-02	9.80E-02	Not Modelled	3.02E-02	4.53E-05	3.05E-02	4.89E-03	9.78E-04	9.78E-11	4.89E-04	1.17E-05	8.62E-06	2.40E-05	7.90E-05	4.67E-04	7.47E-06	1.69E-04	8.57E-03	7.94E-04	1.02E-02
814	SG_814	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6369.700	5.65E-02	1.13E-01	Not Modelled	3.42E-02	5.23E-05	3.57E-02	5.65E-03	1.13E-03	1.13E-10	5.65E-04	1.35E-05	9.96E-06	2.77E-05	9.12E-05	5.40E-04	8.63E-06	1.95E-04	9.89E-03	9.17E-04	1.18E-02
815	SG_815	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6369.700	6.39E-02	1.28E-01	Not Modelled	3.82E-02	5.92E-05	4.09E-02	6.40E-03	1.28E-03	1.28E-10	6.40E-04	1.53E-05	1.13E-05	3.14E-05	1.03E-04	6.11E-04	9.77E-06	2.21E-04	1.12E-02	1.04E-03	1.34E-02
816	SG_816	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6369.700	7.16E-02	1.43E-01	Not Modelled	4.25E-02	6.63E-05	4.65E-02	7.16E-03	1.43E-03	1.43E-10	7.16E-04	1.71E-05	1.26E-05	3.51E-05	1.16E-04	6.84E-04	1.09E-05	2.47E-04	1.25E-02	1.16E-03	1.49E-02
817	SG_817	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6369.700	7.97E-02	1.60E-01	Not Modelled	4.73E-02	7.38E-05	5.27E-02	7.97E-03	1.59E-03	1.59E-10	7.97E-04	1.91E-05	1.41E-05	3.91E-05	1.29E-04	7.61E-04	1.22E-05	2.75E-04	1.40E-02	1.29E-03	1.66E-02
818	SG_818	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6369.700	7.80E-02	1.56E-01	Not Modelled	4.63E-02	7.22E-05	5.22E-02	7.80E-03	1.56E-03	1.56E-10	7.81E-04	1.87E-05	1.38E-05	3.83E-05	1.26E-04	7.45E-04	1.19E-05	2.69E-04	1.37E-02	1.27E-03	1.63E-02
819	SG_819	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.700	7.14E-02	1.43E-01	Not Modelled	4.23E-02	6.61E-05	4.84E-02	7.14E-03	1.43E-03	1.43E-10	7.14E-04	1.71E-05	1.26E-05	3.50E-05	1.15E-04	6.82E-04	1.09E-05	2.46E-04	1.25E-02	1.16E-03	1.49E-02
820	SG_820	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6369.700	6.49E-02	1.30E-01	Not Modelled	3.80E-02	6.00E-05	4.42E-02	6.49E-03	1.30E-03	1.30E-10	6.49E-04	1.55E-05	1.14E-05	3.18E-05	1.05E-04	6.20E-04	9.91E-06	2.24E-04	1.14E-02	1.05E-03	1.35E-02
821	SG_821	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.700	5.76E-02	1.15E-01	Not Modelled	3.26E-02	5.33E-05	3.84E-02	5.76E-03	1.15E-03	1.15E-10	5.77E-04	1.38E-05	1.02E-05	2.83E-05	9.31E-05	5.50E-04	8.80E-06	1.99E-04	1.01E-02	9.35E-04	1.20E-02
822	SG_822	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.700	5.17E-02	1.04E-01	Not Modelled	2.83E-02	4.78E-05	3.35E-02	5.17E-03	1.03E-03	1.03E-10	5.17E-04	1.24E-05	9.11E-06	2.53E-05	8.35E-05	4.94E-04	7.89E-06	1.78E-04	9.05E-03	8.39E-04	1.08E-02
823	SG_823	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.700	4.81E-02	9.63E-02	Not Modelled	2.63E-02	4.45E-05	3.14E-02	4.81E-03	9.62E-04	9.62E-11	4.81E-04	1.15E-05	8.48E-06	2.36E-05	7.76E-05	4.59E-04	7.34E-06	1.66E-04	8.42E-03	7.80E-04	1.00E-02
824	SG_824	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.700	4.63E-02	9.28E-02	Not Modelled	2.55E-02	4.29E-05	3.05E-02	4.63E-03	9.27E-04	9.27E-11	4.64E-04	1.11E-05	8.17E-06	2.27E-05	7.48E-05	4.43E-04	7.08E-06	1.60E-04	8.11E-03	7.52E-04	9.67E-03
825	SG_825	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.700	4.51E-02	9.04E-02	Not Modelled	2.42E-02	4.18E-05	2.88E-02	4.51E-03	9.03E-04	9.03E-11	4.51E-04	1.08E-05	7.96E-06	2.21E-05	7.29E-05	4.31E-04	6.89E-06	1.56E-04	7.90E-03	7.32E-04	9.42E-03
826	SG_826	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.700	4.68E-02	9.38E-02	Not Modelled	2.49E-02	4.34E-05	2.92E-02	4.69E-03	9.37E-04	9.37E-11	4.69E-04	1.12E-05	8.26E-06	2.30E-05	7.57E-05	4.47E-04	7.15E-06	1.62E-04	8.20E-03	7.60E-04	9.78E-03
827	SG_827	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.700	5.18E-02	1.04E-01	Not Modelled	2.75E-02	4.80E-05	3.19E-02	5.18E-03	1.04E-03	1.04E-10	5.19E-04	1.24E-05	9.14E-06	2.54E-05	8.37E-05	4.95E-04	7.92E-06	1.79E-04	9.08E-03	8.41E-04	1.08E-02
828	SG_828	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.700	5.43E-02	1.09E-01	Not Modelled	2.88E-02	5.02E-05	3.27E-02	5.43E-03	1.09E-03	1.09E-10	5.43E-04	1.30E-05	9.57E-06	2.66E-05	8.77E-05	5.18E-04	8.29E-06	1.87E-04	9.50E-03	8.81E-04	1.13E-02
829	SG_829	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.700	5.31E-02	1.06E-01	Not Modelled	2.83E-02	4.92E-05	3.14E-02	5.32E-03	1.06E-03	1.06E-10	5.32E-04	1.27E-05	9.37E-06	2.61E-05	8.59E-05	5.08E-04	8.12E-06	1.83E-04	9.31E-03	8.63E-04	1.11E-02
830	SG_830	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.700	4.91E-02	9.83E-02	Not Modelled	2.63E-02	4.54E-05	2.84E-02	4.91E-03	9.82E-04	9.82E-11	4.91E-04	1.17E-05	8.65E-06	2.41E-05	7.93E-05	4.69E-04	7.50E-06	1.69E-04	8.60E-03	7.96E-04	1.02E-02
831	SG_831	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.700	4.54E-02	9.10E-02	Not Modelled	2.46E-02	4.20E-05	2.60E-02	4.54E-03	9.09E-04	9.09E-11	4.54E-04	1.09E-05	8.01E-06	2.23E-05	7.34E-05	4.34E-04	6.94E-06	1.57E-04	7.95E-03	7.37E-04	9.48E-03
832	SG_832	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.700	4.13E-02	8.27E-02	Not Modelled	2.26E-02	3.82E-05	2.33E-02	4.13E-03	8.26E-04	8.26E-11	4.13E-04	9.88E-06	7.28E-06	2.03E-05	6.67E-05	3.94E-04	6.31E-06	1.42E-04	7.23E-03	6.70E-04	8.62E-03
833	SG_833	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.700	3.99E-02	8.01E-02	Not Modelled	2.22E-02	3.70E-05	2.26E-02	4.00E-03	7.99E-04	7.99E-11	4.00E-04	9.56E-06	7.05E-06	1.96E-05	6.45E-05	3.82E-04	6.10E-06	1.38E-04	7.00E-03	6.48E-04	8.34E-03
834	SG_834	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.700	3.80E-02	7.61E-02	Not Modelled	2.12E-02	3.51E-05	2.13E-02	3.80E-03	7.60E-04	7.60E-11	3.80E-04	9.09E-06	6.70E-06	1.86E-05	6.13E-05	3.63E-04	5.80E-06	1.31E-04	6.65E-03	6.16E-04	7.93E-03
835	SG_835	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.700	3.55E-02	7.12E-02	Not Modelled	1.98E-02	3.29E-05	1.94E-02	3.55E-03	7.11E-04	7.11E-11	3.55E-04	8.50E-06	6.26E-06	1.74E-05	5.74E-05	3.39E-04	5.43E-06	1.23E-04	6.22E-03	5.77E-04	7.42E-03
836	SG_836	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.700	3.44E-02	6.89E-02	Not Modelled	1.90E-02	3.18E-05	1.83E-02	3.44E-03	6.88E-04	6.88E-11	3.44E-04	8.23E-06	6.06E-06	1.69E-05	5.55E-05	3.28E-04	5.25E-06	1.19E-04	6.02E-03	5.58E-04	7.18E-03
837	SG_837	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.700	3.52E-02	7.06E-02	Not Modelled	1.92E-02	3.26E-05	1.84E-02	3.53E-03	7.05E-04	7.05E-11	3.53E-04	8.43E-06	6.21E-06	1.73E-05	5.69E-05	3.37E-04	5.38E-06	1.22E-04	6.17E-03	5.72E-04	7.36E-03
838	SG_838	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6369.900	3.22E-02	6.46E-02	Not Modelled	2.27E-02	2.98E-05	1.94E-02	3.22E-03	6.45E-04	6.45E-11	3.23E-04	7.72E-06	5.68E-06	1.58E-05	5.21E-05	3.08E-04	4.92E-06	1.11E-04	5.65E-03	5.23E-04	6.73E-03
839	SG_839	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6369.900	3.26E-02	6.54E-02	Not Modelled	2.28E-02	3.02E-05	1.98E-02	3.27E-03	6.53E-04	6.53E-11	3.27E-04	7.81E-06	5.76E-06	1.60E-05	5.27E-05	3.12E-04	4.99E-06	1.13E-04	5.72E-03	5.30E-04	6.82E-03
840	SG_840	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6369.900	3.26E-02	6.55E-02	Not Modelled	2.23E-02	3.02E-05	1.97E-02	3.27E-03	6.53E-04	6.53E-11	3.27E-04	7.82E-06	5.76E-06	1.60E-05	5.28E-05	3.12E-04	4.99E-06	1.13E-04	5.72E-03	5.30E-04	6.82E-03
841	SG_841	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6369.900	3.50E-02	7.03E-02	Not Modelled	2.33E-02	3.25E-05	2.10E-02	3.51E-03	7.02E-04	7.02E-11	3.51E-04	8.39E-06	6.18E-06	1.72E-05	5.66E-05	3.35E-04	5.36E-06	1.21E-04	6.14E-03	5.69E-04	7.32E-03
842	SG_842	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6369.900	3.86E-02	7.74E-02	Not Modelled	2.48E-02	3.57E-05	2.30E-02	3.86E-03	7.72E-04	7.72E-11	3.86E-04	9.24E-06	6.81E-06	1.89E-05	6.24E-05	3.69E-04	5.90E-06	1.33E-04	6.76E-03	6.27E-04	8.06E-03
843	SG_843	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6369.900	4.45E-02	8.92E-02	Not Modelled	2.79E-02	4.12E-05	2.67E-02	4.45E-03	8.90E-04	8.90E-11	4.45E-04	1.06E-05	7.84E-06	2.18E-05	7.19E-05	4.25E-04	6.80E-06	1.53E-04	7.79E-03	7.22E-04	9.29E-03
844	SG_844	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6369.900	4.82E-02	9.66E-02	Not Modelled	2.96E-02	4.46E-05	2.91E-02	4.82E-03	9.65E-04	9.65E-11	4.83E-04	1.15E-05	8.50E-06	2.37E-05	7.79E-05	4.61E-04	7.37E-06	1.66E-04	8.45E-03	7.83E-04	1.01E-02
845	SG_845	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6369.900	5.54E-02	1.11E-01	Not Modelled	3.35E-02	5.13E-05	3.41E-02	5.54E-03	1.11E-03	1.11E-10	5.54E-04	1.33E-05	9.77E-06	2.72E-05	8.95E-05	5.29E-04	8.46E-06	1.91E-04	9.70E-03	8.99E-04	1.16E-02
846	SG_846	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6369.900	6.21E-02	1.24E-01	Not Modelled	3.72E-02	5.75E-05	3.88E-02	6.21E-03	1.24E-03	1.24E-10	6.22E-04	1.49E-05	1.10E-05	3.05E-05	1.00E-04	5.93E-04	9.49E-06	2.14E-04	1.09E-02	1.01E-03	1.30E-02
847	SG_847	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6369.900	6.77E-02	1.36E-01	Not Modelled	4.05E-02	6.27E-05	4.30E-02	6.77E-03	1.35E-03	1.35E-10	6.78E-04	1.62E-05	1.19E-05	3.32E-05	1.09E-04	6.47E-04	1.03E-05	2.34E-04	1.19E-02	1.10E-03	1.41E-02
848	SG_848	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6369.900	7.19E-02	1.44E-01	Not Modelled	4.29E-02	6.66E-05	4.64E-02	7.20E-03	1.44E-03	1.44E-10	7.20E-04	1.72E-05	1.27E-05	3.53E-05	1.16E-04	6.87E-04	1.10E-05	2.48E-04	1.26E-02	1.17E-03	1.50E-02
849	SG_849	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6369.900	7.02E-02	1.41E-01	Not Modelled	4.19E-02	6.50E-05	4.59E-02	7.02E-03	1.40E-03	1.40E-10	7.03E-04	1.68E-05	1.24E-05	3.44E-05	1.13E-04	6.71E-04	1.07E-05	2.42E-04	1.23E-02	1.14E-03	1.47E-02
850	SG_850	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.900	6.28E-02	1.26E-01	Not Modelled	3.74E-02	5.82E-05	4.16E-02	6.29E-03	1.26E-03	1.26E-10	6.29E-04	1.50E-05	1.11E-05	3.08E-05	1.02E-04	6.00E-04	9.60E-06	2.17E-04	1.10E-02	1.02E-03	1.31E-02
851	SG_851	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6369.900	5.66E-02	1.13E-01	Not Modelled	3.32E-02	5.24E-05	3.76E-02	5.66E-03	1.13E-03	1.13E-10	5.66E-04	1.36E-05	9.98E-06	2.78E-05	9.14E-05	5.41E-04	8.65E-06	1.95E-04	9.91E-03	9.19E-04	1.18E-02
852	SG_852	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.900	4.96E-02	9.94E-02	Not Modelled	2.82E-02	4.59E-05	3.21E-02	4.96E-03	9.92E-04	9.92E-11	4.96E-04	1.19E-05	8.75E-06	2.43E-05	8.01E-05	4.74E-04	7.58E-06	1.71E-04	8.69E-03	8.05E-04	1.04E-02
853	SG_853	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.900	4.46E-02	8.94E-02	Not Modelled	2.46E-02	4.13E-05	2.81E-02	4.46E-03	8.92E-04	8.92E-11	4.46E-04	1.07E-05	7.86E-06	2.19E-05	7.20E-05	4.26E-04	6.81E-06	1.54E-04	7.81E-03	7.24E-04	9.31E-03
854	SG_854	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.900	4.38E-02	8.78E-02	Not Modelled	2.45E-02	4.05E-05	2.85E-02	4.38E-03	8.76E-04	8.76E-11	4.38E-04	1.05E-05	7.72E-06	2.15E-05	7.08E-05	4.18E-04	6.69E-06	1.51E-04	7.67E-03	7.11E-04	9.15E-03
855	SG_855	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.900	4.26E-02	8.53E-02	Not Modelled	2.40E-02	3.94E-05	2.80E-02	4.26E-03	8.52E-04	8.52E-11	4.26E-04	1.02E-05	7.51E-06	2.09E-05	6.88E-05	4.07E-04	6.50E-06	1.47E-04	7.46E-03	6.91E-04	8.89E-03
856	SG_856	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.900	4.08E-02	8.19E-02	Not Modelled	2.24E-02	3.78E-05	2.58E-02	4.09E-03	8.17E-04	8.17E-11	4.09E-04	9.78E-06	7.20E-06	2.00E-05	6.60E-05	3.90E-04	6.24E-06	1.41E-04	7.15E-03	6.63E-04	8.53E-03
857	SG_857	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.900	4.15E-02	8.32E-02	Not Modelled	2.23E-02	3.84E-05	2.54E-02	4.15E-03	8.31E-04	8.31E-11	4.16E-04	9.94E-06	7.32E-06	2.04E-05	6.71E-05	3.97E-04	6.34E-06	1.43E-04	7.27E-03	6.74E-04	8.67E-03
858	SG_858	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.900	4.54E-02	9.10E-02	Not Modelled	2.42E-02	4.20E-05	2.73E-02	4.54E-03	9.08E-04	9.08E-11	4.54E-04	1.09E-05	8.00E-06	2.23E-05	7.33E-05	4.34E-04	6.93E-06	1.57E-04	7.95E-03	7.37E-04	9.48E-03
859	SG_859	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.900	4.83E-02	9.68E-02	Not Modelled	2.57E-02	4.47E-05	2.85E-02	4.83E-03	9.67E-04	9.67E-11	4.84E-04	1.16E-05	8.52E-06	2.37E-05	7.81E-05	4.61E-04	7.38E-06	1.67E-04	8.46E-03	7.84E-04	1.01E-02
860	SG_860	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.900	4.82E-02	9.67E-02	Not Modelled	2.57E-02	4.47E-05	2.78E-02	4.83E-03	9.65E-04	9.65E-11	4.83E-04	1.15E-05	8.51E-06	2.37E-05	7.79E-05	4.61E-04	7.37E-06	1.66E-04	8.45E-03	7.83E-04	1.01E-02
861	SG_861	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.900	4.62E-02	9.25E-02	Not Modelled	2.47E-02	4.27E-05	2.61E-02	4.62E-03	9.24E-04	9.24E-11	4.62E-04	1.11E-05	8.14E-06	2.27E-05	7.46E-05	4.41E-04	7.05E-06	1.59E-04	8.09E-03	7.49E-04	9.64E-03
862	SG_862	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.900	4.28E-02	8.59E-02	Not Modelled	2.31E-02	3.97E-05	2.38E-02	4.29E-03	8.57E-04	8.57E-11	4.29E-04	1.03E-05	7.56E-06	2.10E-05	6.92E-05	4.09E-04	6.55E-06	1.48E-04	7.51E-03	6.95E-04	8.95E-03
863	SG_863	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.900	3.99E-02	8.00E-02	Not Modelled	2.17E-02	3.70E-05	2.19E-02	4.00E-03	7.99E-04	7.99E-11	4.00E-04	9.56E-06	7.04E-06	1.96E-05	6.45E-05	3.81E-04	6.10E-06	1.38E-04	6.99E-03	6.48E-04	8.34E-03
864	SG_864	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.900	3.77E-02	7.56E-02	Not Modelled	2.07E-02	3.49E-05	2.06E-02	3.77E-03	7.55E-04	7.55E-11	3.78E-04	9.03E-06	6.65E-06	1.85E-05	6.10E-05	3.60E-04	5.76E-06	1.30E-04	6.61E-03	6.12E-04	7.88E-03
865	SG_865	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.900	3.49E-02	6.99E-02	Not Modelled	1.94E-02	3.23E-05	1.88E-02	3.49E-03	6.98E-04	6.98E-11	3.49E-04	8.35E-06	6.15E-06	1.71E-05	5.63E-05	3.33E-04	5.33E-06	1.20E-04	6.11E-03	5.66E-04	7.28E-03
866	SG_866	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.900	3.27E-02	6.56E-02	Not Modelled	1.83E-02	3.03E-05	1.74E-02	3.28E-03	6.55E-04	6.55E-11	3.28E-04	7.84E-06	5.77E-06	1.61E-05	5.29E-05	3.13E-04	5.00E-06	1.13E-04	5.73E-03	5.31E-04	6.84E-03
867	SG_867	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.900	3.19E-02	6.40E-02	Not Modelled	1.79E-02	2.96E-05	1.68E-02	3.20E-03	6.39E-04	6.39E-11	3.20E-04	7.64E-06	5.63E-06	1.57E-05	5.16E-05	3.05E-04	4.88E-06	1.10E-04	5.59E-03	5.18E-04	6.67E-03
868	SG_868	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.900	3.06E-02	6.14E-02	Not Modelled	1.71E-02	2.84E-05	1.57E-02	3.07E-03	6.13E-04	6.13E-11	3.07E-04	7.34E-06	5.41E-06	1.50E-05	4.95E-05	2.93E-04	4.68E-06	1.06E-04	5.37E-03	4.98E-04	6.40E-03
869	SG_869	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6370.100	3.12E-02	6.25E-02	Not Modelled	2.18E-02	2.89E-05	1.79E-02	3.12E-03	6.24E-04	6.24E-11	3.12E-04	7.47E-06	5.50E-06	1.53E-05	5.04E-05	2.98E-04	4.76E-06	1.08E-04	5.46E-03	5.06E-04	6.51E-03
870	SG_870	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6370.100	3.16E-02	6.34E-02	Not Modelled	2.17E-02	2.93E-05	1.81E-02	3.16E-03	6.32E-04	6.32E-11	3.16E-04	7.57E-06	5.58E-06	1.55E-05	5.11E-05	3.02E-04	4.83E-06	1.09E-04	5.54E-03	5.13E-04	6.60E-03
871	SG_871	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6370.100	3.32E-02	6.66E-02	Not Modelled	2.22E-02	3.07E-05	1.90E-02	3.32E-03	6.64E-04	6.64E-11	3.32E-04	7.95E-06	5.85E-06	1.63E-05	5.36E-05	3.17E-04	5.07E-06	1.15E-04	5.81E-03	5.39E-04	6.93E-03
872	SG_872	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6370.100	3.58E-02	7.17E-02	Not Modelled	2.32E-02	3.31E-05	2.04E-02	3.58E-03	7.16E-04	7.16E-11	3.58E-04	8.56E-06	6.31E-06	1.76E-05	5.78E-05	3.42E-04	5.47E-06	1.23E-04	6.27E-03	5.81E-04	7.47E-03
873	SG_873	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6370.100	3.96E-02	7.93E-02	Not Modelled	2.50E-02	3.66E-05	2.27E-02	3.96E-03	7.92E-04	7.92E-11	3.96E-04	9.47E-06	6.98E-06	1.94E-05	6.39E-05	3.78E-04	6.05E-06	1.37E-04	6.93E-03	6.42E-04	8.27E-03
874	SG_874	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6370.100	4.39E-02	8.81E-02	Not Modelled	2.73E-02	4.07E-05	2.55E-02	4.40E-03	8.79E-04	8.79E-11	4.40E-04	1.05E-05	7.75E-06	2.16E-05	7.10E-05	4.20E-04	6.71E-06	1.52E-04	7.70E-03	7.13E-04	9.18E-03
875	SG_875	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6370.100	4.86E-02	9.75E-02	Not Modelled	2.98E-02	4.50E-05	2.87E-02	4.87E-03	9.73E-04	9.73E-11	4.87E-04	1.16E-05	8.58E-06	2.39E-05	7.86E-05	4.65E-04	7.43E-06	1.68E-04	8.52E-03	7.90E-04	1.02E-02
876	SG_876	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6370.100	5.49E-02	1.10E-01	Not Modelled	3.32E-02	5.08E-05	3.30E-02	5.49E-03	1.10E-03	1.10E-10	5.50E-04	1.31E-05	9.68E-06	2.69E-05	8.87E-05	5.24E-04	8.39E-06	1.89E-04	9.62E-03	8.91E-04	1.15E-02
877	SG_877	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6370.100	6.01E-02	1.21E-01	Not Modelled	3.63E-02	5.57E-05	3.68E-02	6.02E-03	1.20E-03	1.20E-10	6.02E-04	1.44E-05	1.06E-05	2.95E-05	9.72E-05	5.75E-04	9.19E-06	2.07E-04	1.05E-02	9.76E-04	1.26E-02
878	SG_878	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6370.100	6.48E-02	1.30E-01	Not Modelled	3.90E-02	6.01E-05	4.03E-02	6.49E-03	1.30E-03	1.30E-10	6.49E-04	1.55E-05	1.14E-05	3.18E-05	1.05E-04	6.20E-04	9.91E-06	2.24E-04	1.14E-02	1.05E-03	1.35E-02
879	SG_879	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6370.100	6.57E-02	1.32E-01	Not Modelled	3.94E-02	6.09E-05	4.13E-02	6.58E-03	1.32E-03	1.32E-10	6.58E-04	1.57E-05	1.16E-05	3.23E-05	1.06E-04	6.28E-04	1.00E-05	2.27E-04	1.15E-02	1.07E-03	1.37E-02
880	SG_880	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6370.100	6.19E-02	1.24E-01	Not Modelled	3.70E-02	5.73E-05	3.94E-02	6.19E-03	1.24E-03	1.24E-10	6.20E-04	1.48E-05	1.09E-05	3.04E-05	1.00E-04	5.91E-04	9.46E-06	2.14E-04	1.08E-02	1.00E-03	1.29E-02
881	SG_881	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6370.100	5.69E-02	1.14E-01	Not Modelled	3.40E-02	5.26E-05	3.69E-02	5.69E-03	1.14E-03	1.14E-10	5.69E-04	1.36E-05	1.00E-05	2.79E-05	9.19E-05	5.43E-04	8.69E-06	1.96E-04	9.96E-03	9.23E-04	1.19E-02
882	SG_882	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6370.100	4.99E-02	9.99E-02	Not Modelled	2.93E-02	4.62E-05	3.22E-02	4.99E-03	9.98E-04	9.98E-11	4.99E-04	1.19E-05	8.79E-06	2.45E-05	8.06E-05	4.76E-04	7.62E-06	1.72E-04	8.73E-03	8.09E-04	1.04E-02

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 2 GRID MAX

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**4.73E-09**	**2.37E-02**	**5.66E-04**	**4.17E-04**	**1.16E-03**	**3.82E-03**	**2.26E-02**	**3.61E-04**	**8.15E-03**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
883	SG_883	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6370.100	4.35E-02	8.72E-02	Not Modelled	2.48E-02	4.03E-05	2.74E-02	4.35E-03	8.70E-04	8.70E-11	4.35E-04	1.04E-05	7.67E-06	2.13E-05	7.03E-05	4.15E-04	6.64E-06	1.50E-04	7.62E-03	7.06E-04	9.08E-03
884	SG_884	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6370.100	3.84E-02	7.70E-02	Not Modelled	2.13E-02	3.55E-05	2.35E-02	3.84E-03	7.68E-04	7.68E-11	3.84E-04	9.19E-06	6.77E-06	1.88E-05	6.20E-05	3.67E-04	5.86E-06	1.32E-04	6.72E-03	6.23E-04	8.02E-03
885	SG_885	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6370.100	3.60E-02	7.22E-02	Not Modelled	1.99E-02	3.33E-05	2.21E-02	3.60E-03	7.21E-04	7.21E-11	3.61E-04	8.62E-06	6.35E-06	1.77E-05	5.82E-05	3.44E-04	5.50E-06	1.24E-04	6.31E-03	5.85E-04	7.52E-03
886	SG_886	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6370.100	3.57E-02	7.16E-02	Not Modelled	2.00E-02	3.31E-05	2.23E-02	3.57E-03	7.14E-04	7.14E-11	3.57E-04	8.55E-06	6.30E-06	1.75E-05	5.77E-05	3.41E-04	5.45E-06	1.23E-04	6.25E-03	5.80E-04	7.46E-03
887	SG_887	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6370.100	3.59E-02	7.21E-02	Not Modelled	1.99E-02	3.33E-05	2.21E-02	3.60E-03	7.19E-04	7.19E-11	3.60E-04	8.60E-06	6.34E-06	1.76E-05	5.81E-05	3.43E-04	5.49E-06	1.24E-04	6.30E-03	5.83E-04	7.51E-03
888	SG_888	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6370.100	3.73E-02	7.47E-02	Not Modelled	2.03E-02	3.45E-05	2.24E-02	3.73E-03	7.45E-04	7.45E-11	3.73E-04	8.92E-06	6.57E-06	1.83E-05	6.02E-05	3.56E-04	5.69E-06	1.29E-04	6.53E-03	6.05E-04	7.78E-03
889	SG_889	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6370.100	3.91E-02	7.85E-02	Not Modelled	2.10E-02	3.62E-05	2.29E-02	3.92E-03	7.83E-04	7.83E-11	3.92E-04	9.37E-06	6.90E-06	1.92E-05	6.32E-05	3.74E-04	5.98E-06	1.35E-04	6.86E-03	6.35E-04	8.17E-03
890	SG_890	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6370.100	4.20E-02	8.41E-02	Not Modelled	2.24E-02	3.89E-05	2.40E-02	4.20E-03	8.40E-04	8.40E-11	4.20E-04	1.01E-05	7.40E-06	2.06E-05	6.78E-05	4.01E-04	6.41E-06	1.45E-04	7.35E-03	6.82E-04	8.77E-03
891	SG_891	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6370.100	4.37E-02	8.75E-02	Not Modelled	2.33E-02	4.05E-05	2.45E-02	4.37E-03	8.74E-04	8.74E-11	4.37E-04	1.05E-05	7.71E-06	2.14E-05	7.06E-05	4.17E-04	6.67E-06	1.51E-04	7.65E-03	7.09E-04	9.12E-03
892	SG_892	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6370.100	4.32E-02	8.65E-02	Not Modelled	2.31E-02	4.00E-05	2.38E-02	4.32E-03	8.64E-04	8.64E-11	4.32E-04	1.03E-05	7.61E-06	2.12E-05	6.97E-05	4.12E-04	6.59E-06	1.49E-04	7.56E-03	7.01E-04	9.01E-03
893	SG_893	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6370.100	4.07E-02	8.16E-02	Not Modelled	2.19E-02	3.77E-05	2.20E-02	4.08E-03	8.15E-04	8.15E-11	4.08E-04	9.75E-06	7.18E-06	2.00E-05	6.58E-05	3.89E-04	6.22E-06	1.40E-04	7.13E-03	6.61E-04	8.50E-03
894	SG_894	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6370.100	3.92E-02	7.86E-02	Not Modelled	2.13E-02	3.63E-05	2.10E-02	3.93E-03	7.85E-04	7.85E-11	3.93E-04	9.39E-06	6.92E-06	1.93E-05	6.34E-05	3.75E-04	5.99E-06	1.35E-04	6.87E-03	6.37E-04	8.19E-03
895	SG_895	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6370.100	3.57E-02	7.16E-02	Not Modelled	1.95E-02	3.31E-05	1.88E-02	3.57E-03	7.14E-04	7.14E-11	3.57E-04	8.55E-06	6.30E-06	1.75E-05	5.77E-05	3.41E-04	5.45E-06	1.23E-04	6.25E-03	5.80E-04	7.46E-03
896	SG_896	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6370.100	3.22E-02	6.46E-02	Not Modelled	1.77E-02	2.98E-05	1.66E-02	3.22E-03	6.44E-04	6.44E-11	3.22E-04	7.71E-06	5.68E-06	1.58E-05	5.20E-05	3.08E-04	4.92E-06	1.11E-04	5.64E-03	5.23E-04	6.73E-03
897	SG_897	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6370.100	3.01E-02	6.04E-02	Not Modelled	1.67E-02	2.79E-05	1.54E-02	3.01E-03	6.02E-04	6.02E-11	3.01E-04	7.21E-06	5.31E-06	1.48E-05	4.86E-05	2.88E-04	4.60E-06	1.04E-04	5.27E-03	4.89E-04	6.29E-03
898	SG_898	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6370.100	2.85E-02	5.71E-02	Not Modelled	1.60E-02	2.64E-05	1.44E-02	2.85E-03	5.70E-04	5.70E-11	2.85E-04	6.82E-06	5.03E-06	1.40E-05	4.60E-05	2.72E-04	4.35E-06	9.83E-05	4.99E-03	4.63E-04	5.95E-03
899	SG_899	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6370.100	2.80E-02	5.61E-02	Not Modelled	1.58E-02	2.59E-05	1.40E-02	2.80E-03	5.60E-04	5.60E-11	2.80E-04	6.70E-06	4.94E-06	1.37E-05	4.52E-05	2.68E-04	4.28E-06	9.66E-05	4.91E-03	4.55E-04	5.85E-03
900	SG_900	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6370.300	3.05E-02	6.11E-02	Not Modelled	2.10E-02	2.82E-05	1.66E-02	3.05E-03	6.10E-04	6.10E-11	3.05E-04	7.30E-06	5.38E-06	1.50E-05	4.93E-05	2.91E-04	4.66E-06	1.05E-04	5.34E-03	4.95E-04	6.37E-03
901	SG_901	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6370.300	3.21E-02	6.44E-02	Not Modelled	2.16E-02	2.98E-05	1.76E-02	3.22E-03	6.43E-04	6.43E-11	3.22E-04	7.69E-06	5.67E-06	1.58E-05	5.19E-05	3.07E-04	4.91E-06	1.11E-04	5.63E-03	5.22E-04	6.71E-03
902	SG_902	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6370.300	3.42E-02	6.86E-02	Not Modelled	2.24E-02	3.17E-05	1.87E-02	3.42E-03	6.85E-04	6.85E-11	3.42E-04	8.19E-06	6.03E-06	1.68E-05	5.53E-05	3.27E-04	5.23E-06	1.18E-04	5.99E-03	5.55E-04	7.15E-03
903	SG_903	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6370.300	3.66E-02	7.34E-02	Not Modelled	2.34E-02	3.39E-05	2.01E-02	3.66E-03	7.32E-04	7.32E-11	3.66E-04	8.76E-06	6.45E-06	1.80E-05	5.91E-05	3.50E-04	5.59E-06	1.26E-04	6.41E-03	5.94E-04	7.64E-03
904	SG_904	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6370.300	4.04E-02	8.09E-02	Not Modelled	2.53E-02	3.74E-05	2.25E-02	4.04E-03	8.08E-04	8.08E-11	4.04E-04	9.66E-06	7.12E-06	1.98E-05	6.52E-05	3.86E-04	6.17E-06	1.39E-04	7.07E-03	6.55E-04	8.43E-03
905	SG_905	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6370.300	4.44E-02	8.91E-02	Not Modelled	2.75E-02	4.12E-05	2.52E-02	4.45E-03	8.89E-04	8.89E-11	4.45E-04	1.06E-05	7.84E-06	2.18E-05	7.18E-05	4.25E-04	6.79E-06	1.53E-04	7.79E-03	7.22E-04	9.28E-03
906	SG_906	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6370.300	4.89E-02	9.81E-02	Not Modelled	3.00E-02	4.53E-05	2.83E-02	4.90E-03	9.79E-04	9.79E-11	4.90E-04	1.17E-05	8.63E-06	2.40E-05	7.91E-05	4.68E-04	7.48E-06	1.69E-04	8.57E-03	7.95E-04	1.02E-02
907	SG_907	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6370.300	5.37E-02	1.08E-01	Not Modelled	3.26E-02	4.97E-05	3.16E-02	5.37E-03	1.07E-03	1.07E-10	5.37E-04	1.29E-05	9.47E-06	2.63E-05	8.67E-05	5.13E-04	8.20E-06	1.85E-04	9.40E-03	8.71E-04	1.12E-02
908	SG_908	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6370.300	5.74E-02	1.15E-01	Not Modelled	3.48E-02	5.32E-05	3.44E-02	5.75E-03	1.15E-03	1.15E-10	5.75E-04	1.38E-05	1.01E-05	2.82E-05	9.28E-05	5.49E-04	8.78E-06	1.98E-04	1.01E-02	9.33E-04	1.20E-02
909	SG_909	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6370.300	6.00E-02	1.20E-01	Not Modelled	3.63E-02	5.56E-05	3.63E-02	6.01E-03	1.20E-03	1.20E-10	6.01E-04	1.44E-05	1.06E-05	2.95E-05	9.70E-05	5.74E-04	9.17E-06	2.07E-04	1.05E-02	9.74E-04	1.25E-02
910	SG_910	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6370.300	5.98E-02	1.20E-01	Not Modelled	3.60E-02	5.54E-05	3.66E-02	5.99E-03	1.20E-03	1.20E-10	5.99E-04	1.43E-05	1.06E-05	2.94E-05	9.67E-05	5.72E-04	9.15E-06	2.07E-04	1.05E-02	9.72E-04	1.25E-02
911	SG_911	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6370.300	5.54E-02	1.11E-01	Not Modelled	3.33E-02	5.13E-05	3.45E-02	5.54E-03	1.11E-03	1.11E-10	5.55E-04	1.33E-05	9.77E-06	2.72E-05	8.95E-05	5.29E-04	8.47E-06	1.91E-04	9.71E-03	9.00E-04	1.16E-02
912	SG_912	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6370.300	5.03E-02	1.01E-01	Not Modelled	3.02E-02	4.65E-05	3.18E-02	5.03E-03	1.01E-03	1.01E-10	5.03E-04	1.20E-05	8.86E-06	2.47E-05	8.12E-05	4.80E-04	7.68E-06	1.73E-04	8.80E-03	8.16E-04	1.05E-02
913	SG_913	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6370.300	4.45E-02	8.93E-02	Not Modelled	2.63E-02	4.12E-05	2.80E-02	4.45E-03	8.91E-04	8.91E-11	4.46E-04	1.07E-05	7.85E-06	2.18E-05	7.19E-05	4.25E-04	6.80E-06	1.54E-04	7.80E-03	7.23E-04	9.30E-03
914	SG_914	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6370.300	3.82E-02	7.66E-02	Not Modelled	2.20E-02	3.54E-05	2.34E-02	3.82E-03	7.65E-04	7.65E-11	3.82E-04	9.15E-06	6.74E-06	1.88E-05	6.17E-05	3.65E-04	5.84E-06	1.32E-04	6.69E-03	6.20E-04	7.98E-03
915	SG_915	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6370.300	3.40E-02	6.81E-02	Not Modelled	1.90E-02	3.15E-05	2.03E-02	3.40E-03	6.80E-04	6.80E-11	3.40E-04	8.13E-06	5.99E-06	1.67E-05	5.49E-05	3.25E-04	5.19E-06	1.17E-04	5.95E-03	5.51E-04	7.09E-03
916	SG_916	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6370.300	3.15E-02	6.32E-02	Not Modelled	1.75E-02	2.92E-05	1.87E-02	3.15E-03	6.30E-04	6.30E-11	3.15E-04	7.54E-06	5.56E-06	1.55E-05	5.09E-05	3.01E-04	4.81E-06	1.09E-04	5.52E-03	5.11E-04	6.58E-03
917	SG_917	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6370.300	3.12E-02	6.26E-02	Not Modelled	1.75E-02	2.89E-05	1.87E-02	3.12E-03	6.24E-04	6.24E-11	3.12E-04	7.47E-06	5.50E-06	1.53E-05	5.04E-05	2.98E-04	4.77E-06	1.08E-04	5.47E-03	5.07E-04	6.52E-03
918	SG_918	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6370.300	3.09E-02	6.20E-02	Not Modelled	1.71E-02	2.86E-05	1.82E-02	3.09E-03	6.18E-04	6.18E-11	3.09E-04	7.40E-06	5.45E-06	1.52E-05	4.99E-05	2.95E-04	4.72E-06	1.07E-04	5.41E-03	5.01E-04	6.45E-03
919	SG_919	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6370.300	3.27E-02	6.56E-02	Not Modelled	1.79E-02	3.03E-05	1.91E-02	3.27E-03	6.55E-04	6.55E-11	3.27E-04	7.83E-06	5.77E-06	1.61E-05	5.29E-05	3.13E-04	5.00E-06	1.13E-04	5.73E-03	5.31E-04	6.83E-03
920	SG_920	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6370.300	3.49E-02	7.00E-02	Not Modelled	1.89E-02	3.23E-05	2.00E-02	3.49E-03	6.99E-04	6.99E-11	3.50E-04	8.36E-06	6.16E-06	1.71E-05	5.64E-05	3.34E-04	5.34E-06	1.20E-04	6.12E-03	5.67E-04	7.29E-03
921	SG_921	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6370.300	3.74E-02	7.50E-02	Not Modelled	2.00E-02	3.47E-05	2.10E-02	3.75E-03	7.49E-04	7.49E-11	3.75E-04	8.96E-06	6.60E-06	1.84E-05	6.05E-05	3.58E-04	5.72E-06	1.29E-04	6.56E-03	6.08E-04	7.82E-03
922	SG_922	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6370.300	3.88E-02	7.78E-02	Not Modelled	2.07E-02	3.59E-05	2.11E-02	3.88E-03	7.76E-04	7.76E-11	3.88E-04	9.29E-06	6.84E-06	1.90E-05	6.27E-05	3.71E-04	5.93E-06	1.34E-04	6.80E-03	6.30E-04	8.10E-03
923	SG_923	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6370.300	3.80E-02	7.62E-02	Not Modelled	2.03E-02	3.52E-05	2.02E-02	3.81E-03	7.61E-04	7.61E-11	3.81E-04	9.11E-06	6.71E-06	1.87E-05	6.15E-05	3.63E-04	5.81E-06	1.31E-04	6.66E-03	6.17E-04	7.94E-03
924	SG_924	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6370.300	3.64E-02	7.30E-02	Not Modelled	1.96E-02	3.37E-05	1.90E-02	3.65E-03	7.29E-04	7.29E-11	3.65E-04	8.72E-06	6.43E-06	1.79E-05	5.89E-05	3.48E-04	5.57E-06	1.26E-04	6.38E-03	5.92E-04	7.61E-03
925	SG_925	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6370.300	3.56E-02	7.14E-02	Not Modelled	1.92E-02	3.30E-05	1.84E-02	3.56E-03	7.13E-04	7.13E-11	3.56E-04	8.53E-06	6.28E-06	1.75E-05	5.75E-05	3.40E-04	5.44E-06	1.23E-04	6.24E-03	5.78E-04	7.44E-03
926	SG_926	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6370.300	3.42E-02	6.86E-02	Not Modelled	1.86E-02	3.17E-05	1.75E-02	3.43E-03	6.85E-04	6.85E-11	3.43E-04	8.20E-06	6.04E-06	1.68E-05	5.53E-05	3.27E-04	5.23E-06	1.18E-04	6.00E-03	5.56E-04	7.15E-03
927	SG_927	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6370.300	3.09E-02	6.19E-02	Not Modelled	1.68E-02	2.86E-05	1.54E-02	3.09E-03	6.18E-04	6.18E-11	3.09E-04	7.39E-06	5.45E-06	1.52E-05	4.99E-05	2.95E-04	4.72E-06	1.07E-04	5.41E-03	5.01E-04	6.45E-03
928	SG_928	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6370.300	2.95E-02	5.91E-02	Not Modelled	1.62E-02	2.73E-05	1.46E-02	2.95E-03	5.89E-04	5.89E-11	2.95E-04	7.05E-06	5.20E-06	1.45E-05	4.76E-05	2.81E-04	4.50E-06	1.02E-04	5.16E-03	4.78E-04	6.15E-03
929	SG_929	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6370.300	2.76E-02	5.54E-02	Not Modelled	1.53E-02	2.56E-05	1.36E-02	2.76E-03	5.52E-04	5.52E-11	2.76E-04	6.61E-06	4.87E-06	1.35E-05	4.46E-05	2.64E-04	4.22E-06	9.52E-05	4.84E-03	4.48E-04	5.77E-03
930	SG_930	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6370.300	2.65E-02	5.32E-02	Not Modelled	1.49E-02	2.45E-05	1.29E-02	2.65E-03	5.30E-04	5.30E-11	2.65E-04	6.35E-06	4.68E-06	1.30E-05	4.28E-05	2.53E-04	4.05E-06	9.14E-05	4.64E-03	4.30E-04	5.54E-03
931	SG_931	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6370.500	3.18E-02	6.38E-02	Not Modelled	2.15E-02	2.95E-05	1.67E-02	3.18E-03	6.37E-04	6.37E-11	3.18E-04	7.62E-06	5.61E-06	1.56E-05	5.14E-05	3.04E-04	4.86E-06	1.10E-04	5.57E-03	5.16E-04	6.64E-03
932	SG_932	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6370.500	3.37E-02	6.76E-02	Not Modelled	2.23E-02	3.12E-05	1.78E-02	3.37E-03	6.74E-04	6.74E-11	3.37E-04	8.07E-06	5.94E-06	1.65E-05	5.45E-05	3.22E-04	5.15E-06	1.16E-04	5.90E-03	5.47E-04	7.04E-03
933	SG_933	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6370.500	3.56E-02	7.14E-02	Not Modelled	2.30E-02	3.30E-05	1.89E-02	3.56E-03	7.13E-04	7.13E-11	3.57E-04	8.53E-06	6.28E-06	1.75E-05	5.76E-05	3.40E-04	5.44E-06	1.23E-04	6.24E-03	5.78E-04	7.44E-03
934	SG_934	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6370.500	3.78E-02	7.57E-02	Not Modelled	2.40E-02	3.50E-05	2.02E-02	3.78E-03	7.56E-04	7.56E-11	3.78E-04	9.04E-06	6.66E-06	1.85E-05	6.10E-05	3.61E-04	5.77E-06	1.30E-04	6.62E-03	6.13E-04	7.89E-03
935	SG_935	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6370.500	4.04E-02	8.11E-02	Not Modelled	2.54E-02	3.75E-05	2.21E-02	4.05E-03	8.10E-04	8.10E-11	4.05E-04	9.69E-06	7.14E-06	1.99E-05	6.54E-05	3.87E-04	6.18E-06	1.40E-04	7.09E-03	6.57E-04	8.45E-03
936	SG_936	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6370.500	4.46E-02	8.95E-02	Not Modelled	2.77E-02	4.14E-05	2.49E-02	4.47E-03	8.94E-04	8.94E-11	4.47E-04	1.07E-05	7.88E-06	2.19E-05	7.22E-05	4.27E-04	6.82E-06	1.54E-04	7.82E-03	7.25E-04	9.33E-03
937	SG_937	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6370.500	4.92E-02	9.86E-02	Not Modelled	3.02E-02	4.55E-05	2.79E-02	4.92E-03	9.84E-04	9.84E-11	4.92E-04	1.18E-05	8.67E-06	2.41E-05	7.94E-05	4.70E-04	7.51E-06	1.70E-04	8.61E-03	7.98E-04	1.03E-02
938	SG_938	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6370.500	5.29E-02	1.06E-01	Not Modelled	3.23E-02	4.90E-05	3.05E-02	5.30E-03	1.06E-03	1.06E-10	5.30E-04	1.27E-05	9.33E-06	2.60E-05	8.55E-05	5.06E-04	8.09E-06	1.83E-04	9.27E-03	8.59E-04	1.11E-02
939	SG_939	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6370.500	5.75E-02	1.15E-01	Not Modelled	3.51E-02	5.33E-05	3.38E-02	5.76E-03	1.15E-03	1.15E-10	5.76E-04	1.38E-05	1.01E-05	2.82E-05	9.30E-05	5.50E-04	8.79E-06	1.98E-04	1.01E-02	9.34E-04	1.20E-02
940	SG_940	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6370.500	5.75E-02	1.15E-01	Not Modelled	3.50E-02	5.33E-05	3.41E-02	5.76E-03	1.15E-03	1.15E-10	5.76E-04	1.38E-05	1.01E-05	2.82E-05	9.30E-05	5.50E-04	8.79E-06	1.99E-04	1.01E-02	9.34E-04	1.20E-02
941	SG_941	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6370.500	5.43E-02	1.09E-01	Not Modelled	3.29E-02	5.03E-05	3.25E-02	5.43E-03	1.09E-03	1.09E-10	5.43E-04	1.30E-05	9.58E-06	2.66E-05	8.77E-05	5.19E-04	8.29E-06	1.87E-04	9.51E-03	8.81E-04	1.13E-02
942	SG_942	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6370.500	4.98E-02	1.00E-01	Not Modelled	3.02E-02	4.62E-05	3.04E-02	4.99E-03	9.98E-04	9.98E-11	4.99E-04	1.19E-05	8.79E-06	2.45E-05	8.06E-05	4.76E-04	7.62E-06	1.72E-04	8.73E-03	8.09E-04	1.04E-02
943	SG_943	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6370.500	4.43E-02	8.89E-02	Not Modelled	2.67E-02	4.11E-05	2.73E-02	4.44E-03	8.88E-04	8.88E-11	4.44E-04	1.06E-05	7.82E-06	2.18E-05	7.17E-05	4.24E-04	6.78E-06	1.53E-04	7.77E-03	7.20E-04	9.26E-03
944	SG_944	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6370.500	3.93E-02	7.89E-02	Not Modelled	2.33E-02	3.64E-05	2.41E-02	3.94E-03	7.87E-04	7.87E-11	3.94E-04	9.42E-06	6.94E-06	1.93E-05	6.36E-05	3.76E-04	6.01E-06	1.36E-04	6.89E-03	6.39E-04	8.22E-03
945	SG_945	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6370.500	3.40E-02	6.83E-02	Not Modelled	1.97E-02	3.15E-05	2.03E-02	3.41E-03	6.81E-04	6.81E-11	3.41E-04	8.15E-06	6.00E-06	1.67E-05	5.50E-05	3.25E-04	5.20E-06	1.17E-04	5.96E-03	5.53E-04	7.11E-03
946	SG_946	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6370.500	3.04E-02	6.10E-02	Not Modelled	1.72E-02	2.82E-05	1.77E-02	3.04E-03	6.08E-04	6.08E-11	3.04E-04	7.28E-06	5.36E-06	1.49E-05	4.91E-05	2.91E-04	4.65E-06	1.05E-04	5.33E-03	4.94E-04	6.35E-03
947	SG_947	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6370.500	2.81E-02	5.63E-02	Not Modelled	1.57E-02	2.60E-05	1.62E-02	2.81E-03	5.61E-04	5.62E-11	2.81E-04	6.72E-06	4.95E-06	1.38E-05	4.53E-05	2.68E-04	4.29E-06	9.68E-05	4.92E-03	4.56E-04	5.86E-03
948	SG_948	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6370.500	2.81E-02	5.64E-02	Not Modelled	1.59E-02	2.60E-05	1.64E-02	2.81E-03	5.63E-04	5.63E-11	2.81E-04	6.73E-06	4.96E-06	1.38E-05	4.54E-05	2.69E-04	4.30E-06	9.70E-05	4.93E-03	4.56E-04	5.87E-03
949	SG_949	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6370.500	2.84E-02	5.69E-02	Not Modelled	1.59E-02	2.63E-05	1.64E-02	2.84E-03	5.68E-04	5.68E-11	2.84E-04	6.79E-06	5.00E-06	1.39E-05	4.58E-05	2.71E-04	4.34E-06	9.79E-05	4.97E-03	4.61E-04	5.93E-03
950	SG_950	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6370.500	2.94E-02	5.90E-02	Not Modelled	1.63E-02	2.72E-05	1.68E-02	2.94E-03	5.88E-04	5.88E-11	2.94E-04	7.04E-06	5.19E-06	1.44E-05	4.75E-05	2.81E-04	4.49E-06	1.01E-04	5.15E-03	4.77E-04	6.14E-03
951	SG_951	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6370.500	3.04E-02	6.09E-02	Not Modelled	1.65E-02	2.81E-05	1.69E-02	3.04E-03	6.08E-04	6.08E-11	3.04E-04	7.27E-06	5.36E-06	1.49E-05	4.91E-05	2.90E-04	4.64E-06	1.05E-04	5.32E-03	4.93E-04	6.34E-03
952	SG_952	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6370.500	3.23E-02	6.47E-02	Not Modelled	1.73E-02	2.99E-05	1.75E-02	3.23E-03	6.46E-04	6.46E-11	3.23E-04	7.73E-06	5.69E-06	1.58E-05	5.21E-05	3.08E-04	4.93E-06	1.11E-04	5.65E-03	5.24E-04	6.74E-03
953	SG_953	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6370.500	3.49E-02	7.00E-02	Not Modelled	1.86E-02	3.23E-05	1.86E-02	3.49E-03	6.98E-04	6.98E-11	3.49E-04	8.36E-06	6.16E-06	1.71E-05	5.64E-05	3.33E-04	5.33E-06	1.20E-04	6.11E-03	5.67E-04	7.29E-03
954	SG_954	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6370.500	3.56E-02	7.14E-02	Not Modelled	1.90E-02	3.30E-05	1.86E-02	3.56E-03	7.12E-04	7.12E-11	3.56E-04	8.52E-06	6.28E-06	1.75E-05	5.75E-05	3.40E-04	5.44E-06	1.23E-04	6.24E-03	5.78E-04	7.44E-03
955	SG_955	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6370.500	3.44E-02	6.89E-02	Not Modelled	1.85E-02	3.18E-05	1.75E-02	3.44E-03	6.88E-04	6.88E-11	3.44E-04	8.23E-06	6.07E-06	1.69E-05	5.56E-05	3.29E-04	5.25E-06	1.19E-04	6.02E-03	5.58E-04	7.18E-03
956	SG_956	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6370.500	3.33E-02	6.67E-02	Not Modelled	1.80E-02	3.08E-05	1.67E-02	3.33E-03	6.66E-04	6.66E-11	3.33E-04	7.97E-06	5.87E-06	1.63E-05	5.38E-05	3.18E-04	5.09E-06	1.15E-04	5.83E-03	5.40E-04	6.95E-03
957	SG_957	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6370.500	3.21E-02	6.43E-02	Not Modelled	1.74E-02	2.97E-05	1.59E-02	3.21E-03	6.42E-04	6.42E-11	3.21E-04	7.68E-06	5.66E-06	1.57E-05	5.18E-05	3.06E-04	4.90E-06	1.11E-04	5.62E-03	5.21E-04	6.70E-03
958	SG_958	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6370.500	2.98E-02	5.98E-02	Not Modelled	1.62E-02	2.76E-05	1.45E-02	2.98E-03	5.96E-04	5.96E-11	2.98E-04	7.14E-06	5.26E-06	1.46E-05	4.82E-05	2.85E-04	4.55E-06	1.03E-04	5.22E-03	4.84E-04	6.23E-03
959	SG_959	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6370.500	2.80E-02	5.61E-02	Not Modelled	1.53E-02	2.59E-05	1.35E-02	2.80E-03	5.60E-04	5.60E-11	2.80E-04	6.70E-06	4.94E-06	1.37E-05	4.52E-05	2.67E-04	4.28E-06	9.66E-05	4.90E-03	4.54E-04	5.85E-03
960	SG_960	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6370.500	2.70E-02	5.42E-02	Not Modelled	1.49E-02	2.50E-05	1.30E-02	2.71E-03	5.41E-04	5.41E-11	2.71E-04	6.47E-06	4.77E-06	1.33E-05	4.37E-05	2.58E-04	4.13E-06	9.33E-05	4.74E-03	4.39E-04	5.65E-03
961	SG_961	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6370.500	2.64E-02	5.29E-02	Not Modelled	1.47E-02	2.44E-05	1.26E-02	2.64E-03	5.28E-04	5.28E-11	2.64E-04	6.31E-06	4.65E-06	1.29E-05	4.26E-05	2.52E-04	4.03E-06	9.10E-05	4.62E-03	4.28E-04	5.51E-03
962	SR_1	Sensitive Receptor	Recreational	Offsite	378.382	6370.479	5.77E-02	1.16E-01	Not Modelled	3.51E-02	5.34E-05	3.40E-02	5.77E-03	1.15E-03	1.15E-10	5.78E-04	1.38E-05	1.02E-05	2.83E-05	9.33E-05	5.51E-04	8.82E-06	1.99E-04	1.01E-02	9.37E-04	1.21E-02
963	SR_2	Sensitive Receptor	Recreational	Offsite	378.782	6370.266	5.95E-02	1.19E-01	Not Modelled	3.58E-02	5.51E-05	3.68E-02	5.96E-03	1.19E-03	1.19E-10	5.96E-04	1.43E-05	1.05E-05	2.92E-05	9.62E-05	5.69E-04	9.10E-06	2.05E-04	1.04E-02	9.66E-04	1.24E-02
964	SR_3	Sensitive Receptor	Recreational	Offsite	378.972	6369.893	6.80E-02	1.36E-01	Not Modelled	4.06E-02	6.30E-05	4.47E-02	6.80E-03	1.36E-03	1.36E-10	6.81E-04	1.63E-05	1.20E-05	3.34E-05	1.10E-04	6.50E-04	1.04E-05	2.35E-04	1.19E-02	1.10E-03	1.42E-02
965	SR_4	Sensitive Receptor	Recreational	Offsite	378.815	6369.579	8.37E-02	1.68E-01	Not Modelled	4.95E-02	7.75E-05	5.65E-02	8.37E-03	1.67E-03	1.67E-10	8.38E-04	2.00E-05	1.48E-05	4.11E-05	1.35E-04	8.00E-04	1.28E-05	2.89E-04	1.47E-02	1.36E-03	1.75E-02
966	SR_5	Sensitive Receptor	Recreational	Offsite	378.619	6369.367	8.37E-02	1.68E-01	Not Modelled	4.93E-02	7.75E-05	5.71E-02	8.38E-03	1.68E-03	1.68E-10	8.38E-04	2.00E-05	1.48E-05	4.11E-05	1.35E-04	8.00E-04	1.28E-05	2.89E-04	1.47E-02	1.36E-03	1.75E-02
967	SR_6	Sensitive Receptor	Recreational	Offsite	378.352	6369.171	6.72E-02	1.35E-01	Not Modelled	4.05E-02	6.22E-05	4.65E-02	6.72E-03	1.34E-03	1.34E-10	6.72E-04	1.61E-05	1.18E-05	3.30E-05	1.09E-04	6.42E-04	1.03E-05	2.32E-04	1.18E-02	1.09E-03	1.40E-02

AQIA DATA - SCENARIO 2 GRID MAX

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**4.73E-09**	**2.37E-02**	**5.66E-04**	**4.17E-04**	**1.16E-03**	**3.82E-03**	**2.26E-02**	**3.61E-04**	**8.15E-03**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
968	SR_7	Sensitive Receptor	Recreational	Offsite	378.046	6369.006	5.25E-02	1.05E-01	Not Modelled	3.39E-02	4.86E-05	3.86E-02	5.26E-03	1.05E-03	1.05E-10	5.26E-04	1.26E-05	9.27E-06	2.58E-05	8.49E-05	5.02E-04	8.03E-06	1.81E-04	9.20E-03	8.53E-04	1.10E-02
969	SR_8	Sensitive Receptor	Recreational	Offsite	377.732	6368.896	4.99E-02	1.00E-01	Not Modelled	3.26E-02	4.62E-05	3.74E-02	5.00E-03	9.99E-04	9.99E-11	5.00E-04	1.20E-05	8.81E-06	2.45E-05	8.07E-05	4.77E-04	7.63E-06	1.72E-04	8.75E-03	8.11E-04	1.04E-02
970	SR_9	Sensitive Receptor	Recreational	Offsite	377.425	6368.786	4.89E-02	9.80E-02	Not Modelled	3.10E-02	4.53E-05	3.58E-02	4.89E-03	9.78E-04	9.78E-11	4.89E-04	1.17E-05	8.62E-06	2.40E-05	7.90E-05	4.67E-04	7.47E-06	1.69E-04	8.56E-03	7.94E-04	1.02E-02
971	SR_10	Sensitive Receptor	Recreational	Offsite	377.064	6368.660	4.48E-02	8.98E-02	Not Modelled	2.78E-02	4.15E-05	3.17E-02	4.48E-03	8.97E-04	8.97E-11	4.49E-04	1.07E-05	7.91E-06	2.20E-05	7.24E-05	4.28E-04	6.85E-06	1.55E-04	7.85E-03	7.28E-04	9.36E-03
972	SR_11	Sensitive Receptor	Recreational	Offsite	376.781	6368.472	4.13E-02	8.27E-02	Not Modelled	2.55E-02	3.82E-05	2.91E-02	4.13E-03	8.26E-04	8.26E-11	4.13E-04	9.88E-06	7.28E-06	2.03E-05	6.67E-05	3.94E-04	6.31E-06	1.42E-04	7.23E-03	6.70E-04	8.62E-03
973	SR_12	Sensitive Receptor	Recreational	Offsite	376.648	6368.197	3.89E-02	7.79E-02	Not Modelled	2.38E-02	3.60E-05	2.77E-02	3.89E-03	7.78E-04	7.78E-11	3.89E-04	9.31E-06	6.86E-06	1.91E-05	6.28E-05	3.71E-04	5.94E-06	1.34E-04	6.81E-03	6.31E-04	8.12E-03
974	SR_13	Sensitive Receptor	Recreational	Offsite	376.719	6367.859	3.84E-02	7.69E-02	Not Modelled	2.24E-02	3.56E-05	2.73E-02	3.84E-03	7.68E-04	7.68E-11	3.84E-04	9.19E-06	6.77E-06	1.88E-05	6.20E-05	3.67E-04	5.87E-06	1.32E-04	6.73E-03	6.23E-04	8.02E-03
975	SR_14	Sensitive Receptor	Recreational	Offsite	376.883	6367.624	4.23E-02	8.48E-02	Not Modelled	2.36E-02	3.92E-05	3.02E-02	4.23E-03	8.47E-04	8.47E-11	4.24E-04	1.01E-05	7.46E-06	2.08E-05	6.84E-05	4.04E-04	6.47E-06	1.46E-04	7.41E-03	6.87E-04	8.84E-03
976	SR_15	Sensitive Receptor	Recreational	Offsite	377.135	6367.428	4.96E-02	9.93E-02	Not Modelled	2.68E-02	4.59E-05	3.61E-02	4.96E-03	9.92E-04	9.92E-11	4.96E-04	1.19E-05	8.74E-06	2.43E-05	8.01E-05	4.74E-04	7.57E-06	1.71E-04	8.69E-03	8.05E-04	1.04E-02
977	SR_16	Sensitive Receptor	Recreational	Offsite	377.402	6367.239	5.71E-02	1.14E-01	Not Modelled	3.03E-02	5.29E-05	4.28E-02	5.72E-03	1.14E-03	1.14E-10	5.72E-04	1.37E-05	1.01E-05	2.80E-05	9.23E-05	5.46E-04	8.73E-06	1.97E-04	1.00E-02	9.28E-04	1.19E-02
978	SR_17	Sensitive Receptor	Recreational	Offsite	377.622	6367.058	6.22E-02	1.25E-01	Not Modelled	3.17E-02	5.76E-05	4.54E-02	6.22E-03	1.24E-03	1.24E-10	6.23E-04	1.49E-05	1.10E-05	3.05E-05	1.01E-04	5.94E-04	9.50E-06	2.15E-04	1.09E-02	1.01E-03	1.30E-02
979	SR_18	Sensitive Receptor	Recreational	Offsite	377.849	6366.846	8.10E-02	1.62E-01	Not Modelled	3.81E-02	7.51E-05	5.39E-02	8.11E-03	1.62E-03	1.62E-10	8.11E-04	1.94E-05	1.43E-05	3.98E-05	1.31E-04	7.74E-04	1.24E-05	2.80E-04	1.42E-02	1.32E-03	1.69E-02
980	SR_19	Sensitive Receptor	Recreational	Offsite	378.101	6366.642	1.07E-01	2.14E-01	Not Modelled	4.99E-02	9.88E-05	6.78E-02	1.07E-02	2.14E-03	2.14E-10	1.07E-03	2.55E-05	1.88E-05	5.24E-05	1.72E-04	1.02E-03	1.63E-05	3.68E-04	1.87E-02	1.73E-03	2.23E-02
981	SR_20	Sensitive Receptor	Recreational	Offsite	378.376	6366.477	1.01E-01	2.02E-01	Not Modelled	5.25E-02	9.36E-05	6.94E-02	1.01E-02	2.02E-03	2.02E-10	1.01E-03	2.42E-05	1.78E-05	4.96E-05	1.63E-04	9.66E-04	1.54E-05	3.49E-04	1.77E-02	1.64E-03	2.11E-02
982	SR_21	Sensitive Receptor	Recreational	Offsite	378.713	6366.399	7.98E-02	1.60E-01	Not Modelled	4.33E-02	7.40E-05	5.85E-02	7.99E-03	1.60E-03	1.60E-10	8.00E-04	1.91E-05	1.41E-05	3.92E-05	1.29E-04	7.63E-04	1.22E-05	2.75E-04	1.40E-02	1.30E-03	1.67E-02
983	SR_22	Sensitive Receptor	Recreational	Offsite	379.059	6366.469	7.09E-02	1.42E-01	Not Modelled	3.70E-02	6.56E-05	5.33E-02	7.09E-03	1.42E-03	1.42E-10	7.10E-04	1.70E-05	1.25E-05	3.48E-05	1.15E-04	6.77E-04	1.08E-05	2.44E-04	1.24E-02	1.15E-03	1.48E-02
984	SR_23	Sensitive Receptor	Recreational	Offsite	379.373	6366.532	6.31E-02	1.26E-01	Not Modelled	3.07E-02	5.85E-05	4.71E-02	6.32E-03	1.26E-03	1.26E-10	6.32E-04	1.51E-05	1.11E-05	3.10E-05	1.02E-04	6.03E-04	9.64E-06	2.18E-04	1.11E-02	1.03E-03	1.32E-02
985	SR_24	Sensitive Receptor	Recreational	Offsite	379.648	6366.477	7.00E-02	1.40E-01	Not Modelled	3.04E-02	6.48E-05	4.73E-02	7.00E-03	1.40E-03	1.40E-10	7.00E-04	1.67E-05	1.23E-05	3.43E-05	1.13E-04	6.68E-04	1.07E-05	2.41E-04	1.23E-02	1.14E-03	1.46E-02
986	SR_25	Sensitive Receptor	Recreational	Offsite	379.930	6366.391	9.35E-02	1.87E-01	Not Modelled	3.72E-02	8.66E-05	5.66E-02	9.36E-03	1.87E-03	1.87E-10	9.36E-04	2.24E-05	1.65E-05	4.59E-05	1.51E-04	8.94E-04	1.43E-05	3.23E-04	1.64E-02	1.52E-03	1.95E-02
987	SR_26	Sensitive Receptor	Recreational	Offsite	380.221	6366.289	1.12E-01	2.23E-01	Not Modelled	4.22E-02	1.03E-04	6.09E-02	1.12E-02	2.23E-03	2.23E-10	1.12E-03	2.67E-05	1.97E-05	5.47E-05	1.80E-04	1.07E-03	1.70E-05	3.85E-04	1.95E-02	1.81E-03	2.33E-02
988	SR_27	Sensitive Receptor	Recreational	Offsite	380.512	6366.202	1.38E-01	2.77E-01	Not Modelled	4.95E-02	1.28E-04	6.76E-02	1.39E-02	2.77E-03	2.77E-10	1.39E-03	3.32E-05	2.44E-05	6.79E-05	2.24E-04	1.32E-03	2.12E-05	4.78E-04	2.43E-02	2.25E-03	2.89E-02
989	SR_28	Sensitive Receptor	Recreational	Offsite	380.810	6366.108	1.60E-01	3.21E-01	Not Modelled	5.51E-02	1.48E-04	7.19E-02	1.60E-02	3.21E-03	3.21E-10	1.60E-03	3.84E-05	2.83E-05	7.87E-05	2.59E-04	1.53E-03	2.45E-05	5.53E-04	2.81E-02	2.60E-03	3.35E-02
990	SR_29	Sensitive Receptor	Recreational	Offsite	381.108	6365.983	1.61E-01	3.22E-01	Not Modelled	5.51E-02	1.49E-04	6.86E-02	1.61E-02	3.21E-03	3.21E-10	1.61E-03	3.84E-05	2.83E-05	7.88E-05	2.59E-04	1.53E-03	2.45E-05	5.54E-04	2.81E-02	2.61E-03	3.35E-02
991	SR_30	Sensitive Receptor	Recreational	Offsite	381.367	6365.771	1.44E-01	2.88E-01	Not Modelled	4.96E-02	1.33E-04	5.90E-02	1.44E-02	2.88E-03	2.88E-10	1.44E-03	3.44E-05	2.54E-05	7.06E-05	2.32E-04	1.37E-03	2.20E-05	4.96E-04	2.52E-02	2.33E-03	3.00E-02
992	SR_31	Sensitive Receptor	Recreational	Offsite	381.470	6365.394	1.05E-01	2.10E-01	Not Modelled	3.62E-02	9.69E-05	4.09E-02	1.05E-02	2.09E-03	2.09E-10	1.05E-03	2.51E-05	1.85E-05	5.14E-05	1.69E-04	1.00E-03	1.60E-05	3.61E-04	1.83E-02	1.70E-03	2.19E-02
993	SR_32	Sensitive Receptor	Recreational	Offsite	381.564	6365.134	8.40E-02	1.69E-01	Not Modelled	2.95E-02	7.79E-05	3.21E-02	8.42E-03	1.68E-03	1.68E-10	8.42E-04	2.01E-05	1.48E-05	4.13E-05	1.36E-04	8.04E-04	1.29E-05	2.90E-04	1.47E-02	1.37E-03	1.76E-02
994	SR_33	Sensitive Receptor	Recreational	Offsite	381.713	6364.852	7.13E-02	1.43E-01	Not Modelled	2.55E-02	6.62E-05	2.67E-02	7.15E-03	1.43E-03	1.43E-10	7.16E-04	1.71E-05	1.26E-05	3.51E-05	1.16E-04	6.83E-04	1.09E-05	2.47E-04	1.25E-02	1.16E-03	1.49E-02
995	SR_34	Sensitive Receptor	Recreational	Offsite	382.051	6364.600	7.33E-02	1.47E-01	Not Modelled	2.63E-02	6.81E-05	2.64E-02	7.36E-03	1.47E-03	1.47E-10	7.36E-04	1.76E-05	1.30E-05	3.61E-05	1.19E-04	7.03E-04	1.12E-05	2.54E-04	1.29E-02	1.19E-03	1.54E-02
996	SR_35	Sensitive Receptor	Recreational	Offsite	377.700	6366.509	8.42E-02	1.69E-01	Not Modelled	3.90E-02	7.81E-05	5.06E-02	8.44E-03	1.69E-03	1.69E-10	8.44E-04	2.02E-05	1.49E-05	4.14E-05	1.36E-04	8.06E-04	1.29E-05	2.91E-04	1.48E-02	1.37E-03	1.76E-02
997	SR_36	Sensitive Receptor	Recreational	Offsite	377.606	6366.124	7.02E-02	1.41E-01	Not Modelled	3.51E-02	6.51E-05	4.13E-02	7.04E-03	1.41E-03	1.41E-10	7.04E-04	1.68E-05	1.24E-05	3.45E-05	1.14E-04	6.72E-04	1.07E-05	2.43E-04	1.23E-02	1.14E-03	1.47E-02
998	SR_37	Sensitive Receptor	Recreational	Offsite	377.465	6365.771	5.41E-02	1.09E-01	Not Modelled	2.89E-02	5.02E-05	3.12E-02	5.42E-03	1.08E-03	1.08E-10	5.43E-04	1.30E-05	9.56E-06	2.66E-05	8.76E-05	5.18E-04	8.28E-06	1.87E-04	9.49E-03	8.80E-04	1.13E-02
999	SR_38	Sensitive Receptor	Recreational	Offsite	377.527	6365.409	3.87E-02	7.78E-02	Not Modelled	2.18E-02	3.59E-05	2.22E-02	3.88E-03	7.76E-04	7.76E-11	3.88E-04	9.28E-06	6.84E-06	1.90E-05	6.27E-05	3.71E-04	5.93E-06	1.34E-04	6.80E-03	6.30E-04	8.10E-03
1000	SR_39	Sensitive Receptor	Recreational	Offsite	377.739	6365.150	3.23E-02	6.48E-02	Not Modelled	1.85E-02	2.99E-05	1.88E-02	3.23E-03	6.47E-04	6.47E-11	3.24E-04	7.73E-06	5.70E-06	1.59E-05	5.22E-05	3.09E-04	4.94E-06	1.11E-04	5.66E-03	5.25E-04	6.75E-03
1001	SR_40	Sensitive Receptor	Recreational	Offsite	377.959	6364.883	2.35E-02	4.73E-02	Not Modelled	1.34E-02	2.18E-05	1.33E-02	2.36E-03	4.71E-04	4.71E-11	2.36E-04	5.64E-06	4.16E-06	1.16E-05	3.81E-05	2.25E-04	3.60E-06	8.12E-05	4.13E-03	3.83E-04	4.92E-03
1002	SR_41	Sensitive Receptor	Recreational	Offsite	378.234	6364.553	1.86E-02	3.73E-02	Not Modelled	1.04E-02	1.72E-05	1.01E-02	1.86E-03	3.72E-04	3.72E-11	1.86E-04	4.45E-06	3.28E-06	9.13E-06	3.01E-05	1.78E-04	2.84E-06	6.42E-05	3.26E-03	3.02E-04	3.89E-03
1003	SR_42	Sensitive Receptor	Recreational	Offsite	377.951	6365.331	3.26E-02	6.54E-02	Not Modelled	1.84E-02	3.02E-05	1.93E-02	3.26E-03	6.52E-04	6.52E-11	3.26E-04	7.80E-06	5.75E-06	1.60E-05	5.27E-05	3.11E-04	4.98E-06	1.12E-04	5.71E-03	5.29E-04	6.81E-03
1004	SR_43	Sensitive Receptor	Recreational	Offsite	377.959	6366.344	8.70E-02	1.74E-01	Not Modelled	4.30E-02	8.06E-05	5.41E-02	8.71E-03	1.74E-03	1.74E-10	8.72E-04	2.08E-05	1.54E-05	4.27E-05	1.41E-04	8.32E-04	1.33E-05	3.00E-04	1.53E-02	1.41E-03	1.82E-02
1005	SR_44	Sensitive Receptor	Recreational	Offsite	377.975	6365.841	5.03E-02	1.01E-01	Not Modelled	2.77E-02	4.66E-05	3.14E-02	5.04E-03	1.01E-03	1.01E-10	5.04E-04	1.21E-05	8.88E-06	2.47E-05	8.14E-05	4.81E-04	7.69E-06	1.74E-04	8.82E-03	8.18E-04	1.05E-02
1006	SR_45	Sensitive Receptor	Recreational	Offsite	379.271	6366.934	1.63E-01	3.27E-01	Not Modelled	8.49E-02	1.51E-04	1.38E-01	1.63E-02	3.27E-03	3.27E-10	1.63E-03	3.91E-05	2.88E-05	8.01E-05	2.64E-04	1.56E-03	2.49E-05	5.63E-04	2.86E-02	2.65E-03	3.41E-02
1007	SR_46	Sensitive Receptor	Recreational	Offsite	379.247	6366.890	1.47E-01	2.95E-01	Not Modelled	7.66E-02	1.36E-04	1.23E-01	1.47E-02	2.94E-03	2.94E-10	1.47E-03	3.52E-05	2.60E-05	7.22E-05	2.38E-04	1.41E-03	2.25E-05	5.07E-04	2.58E-02	2.39E-03	3.07E-02
1008	SR_47	Sensitive Receptor	Recreational	Offsite	379.315	6366.905	1.46E-01	2.91E-01	Not Modelled	7.45E-02	1.35E-04	1.22E-01	1.46E-02	2.91E-03	2.91E-10	1.46E-03	3.48E-05	2.57E-05	7.14E-05	2.35E-04	1.39E-03	2.22E-05	5.02E-04	2.55E-02	2.36E-03	3.04E-02
1009	SR_48	Sensitive Receptor	Recreational	Offsite	379.288	6366.857	1.32E-01	2.65E-01	Not Modelled	6.79E-02	1.22E-04	1.10E-01	1.32E-02	2.65E-03	2.65E-10	1.32E-03	3.17E-05	2.33E-05	6.49E-05	2.14E-04	1.26E-03	2.02E-05	4.56E-04	2.32E-02	2.15E-03	2.76E-02
1010	SR_49	Sensitive Receptor	Recreational	Offsite	379.357	6366.872	1.30E-01	2.61E-01	Not Modelled	6.56E-02	1.21E-04	1.08E-01	1.30E-02	2.61E-03	2.61E-10	1.30E-03	3.12E-05	2.30E-05	6.39E-05	2.11E-04	1.24E-03	1.99E-05	4.49E-04	2.28E-02	2.12E-03	2.72E-02
1011	SR_50	Sensitive Receptor	Recreational	Offsite	379.321	6366.819	1.17E-01	2.35E-01	Not Modelled	5.94E-02	1.09E-04	9.56E-02	1.17E-02	2.35E-03	2.35E-10	1.17E-03	2.81E-05	2.07E-05	5.76E-05	1.90E-04	1.12E-03	1.79E-05	4.05E-04	2.06E-02	1.90E-03	2.45E-02
1012	SR_51	Sensitive Receptor	Commercial	Offsite	380.025	6370.050	3.73E-02	7.48E-02	Not Modelled	2.08E-02	3.45E-05	2.35E-02	3.73E-03	7.46E-04	7.46E-11	3.73E-04	8.93E-06	6.58E-06	1.83E-05	6.02E-05	3.56E-04	5.70E-06	1.29E-04	6.53E-03	6.05E-04	7.79E-03
1013	SR_52	Sensitive Receptor	Commercial	Offsite	379.877	6369.978	4.08E-02	8.19E-02	Not Modelled	2.27E-02	3.78E-05	2.59E-02	4.08E-03	8.17E-04	8.17E-11	4.09E-04	9.77E-06	7.20E-06	2.00E-05	6.60E-05	3.90E-04	6.24E-06	1.41E-04	7.15E-03	6.63E-04	8.53E-03
1014	SR_53	Sensitive Receptor	Commercial	Offsite	380.968	6368.921	7.50E-02	1.50E-01	Not Modelled	4.00E-02	6.94E-05	5.04E-02	7.50E-03	1.50E-03	1.50E-10	7.51E-04	1.80E-05	1.32E-05	3.68E-05	1.21E-04	7.16E-04	1.15E-05	2.59E-04	1.31E-02	1.22E-03	1.57E-02
1015	SR_54	Sensitive Receptor	Commercial	Offsite	381.099	6368.904	6.91E-02	1.38E-01	Not Modelled	3.72E-02	6.40E-05	4.61E-02	6.92E-03	1.38E-03	1.38E-10	6.92E-04	1.65E-05	1.22E-05	3.39E-05	1.12E-04	6.60E-04	1.06E-05	2.38E-04	1.21E-02	1.12E-03	1.44E-02
1016	SR_55	Sensitive Receptor	Commercial	Offsite	381.221	6368.883	6.52E-02	1.31E-01	Not Modelled	3.52E-02	6.04E-05	4.31E-02	6.52E-03	1.30E-03	1.30E-10	6.53E-04	1.56E-05	1.15E-05	3.20E-05	1.05E-04	6.23E-04	9.96E-06	2.25E-04	1.14E-02	1.06E-03	1.36E-02
1017	SR_56	Sensitive Receptor	Commercial	Offsite	380.947	6368.811	7.87E-02	1.58E-01	Not Modelled	4.20E-02	7.29E-05	5.39E-02	7.87E-03	1.57E-03	1.57E-10	7.88E-04	1.88E-05	1.39E-05	3.86E-05	1.27E-04	7.52E-04	1.20E-05	2.71E-04	1.38E-02	1.28E-03	1.64E-02
1018	SR_57	Sensitive Receptor	Commercial	Offsite	381.082	6368.798	7.27E-02	1.46E-01	Not Modelled	3.90E-02	6.73E-05	4.92E-02	7.27E-03	1.45E-03	1.45E-10	7.27E-04	1.74E-05	1.28E-05	3.57E-05	1.17E-04	6.94E-04	1.11E-05	2.51E-04	1.27E-02	1.18E-03	1.52E-02
1019	SR_58	Sensitive Receptor	Commercial	Offsite	381.293	6368.773	6.68E-02	1.34E-01	Not Modelled	3.54E-02	6.18E-05	4.38E-02	6.68E-03	1.34E-03	1.34E-10	6.68E-04	1.60E-05	1.18E-05	3.28E-05	1.08E-04	6.38E-04	1.02E-05	2.30E-04	1.17E-02	1.08E-03	1.39E-02
1020	SR_59	Sensitive Receptor	Commercial	Offsite	381.200	6368.219	9.37E-02	1.88E-01	Not Modelled	4.71E-02	8.67E-05	6.23E-02	9.37E-03	1.87E-03	1.87E-10	9.37E-04	2.24E-05	1.65E-05	4.60E-05	1.51E-04	8.95E-04	1.43E-05	3.23E-04	1.64E-02	1.52E-03	1.96E-02
1021	SR_60	Sensitive Receptor	Commercial	Offsite	382.315	6367.708	7.28E-02	1.46E-01	Not Modelled	3.56E-02	6.74E-05	4.18E-02	7.28E-03	1.46E-03	1.46E-10	7.28E-04	1.74E-05	1.28E-05	3.57E-05	1.18E-04	6.95E-04	1.11E-05	2.51E-04	1.27E-02	1.18E-03	1.52E-02
1022	SR_61	Sensitive Receptor	Commercial	Offsite	382.259	6367.717	7.40E-02	1.48E-01	Not Modelled	3.62E-02	6.85E-05	4.27E-02	7.40E-03	1.48E-03	1.48E-10	7.40E-04	1.77E-05	1.30E-05	3.63E-05	1.19E-04	7.07E-04	1.13E-05	2.55E-04	1.30E-02	1.20E-03	1.54E-02
1023	SR_62	Sensitive Receptor	Commercial	Offsite	382.229	6367.724	7.48E-02	1.50E-01	Not Modelled	3.66E-02	6.93E-05	4.34E-02	7.49E-03	1.50E-03	1.50E-10	7.49E-04	1.79E-05	1.32E-05	3.67E-05	1.21E-04	7.15E-04	1.14E-05	2.58E-04	1.31E-02	1.21E-03	1.56E-02
1024	SR_63	Sensitive Receptor	Commercial	Offsite	382.198	6367.730	7.55E-02	1.51E-01	Not Modelled	3.69E-02	6.99E-05	4.39E-02	7.55E-03	1.51E-03	1.51E-10	7.55E-04	1.81E-05	1.33E-05	3.70E-05	1.22E-04	7.21E-04	1.15E-05	2.60E-04	1.32E-02	1.23E-03	1.58E-02
1025	SR_64	Sensitive Receptor	Commercial	Offsite	382.142	6367.732	7.70E-02	1.54E-01	Not Modelled	3.76E-02	7.12E-05	4.50E-02	7.70E-03	1.54E-03	1.54E-10	7.70E-04	1.84E-05	1.36E-05	3.78E-05	1.24E-04	7.35E-04	1.18E-05	2.65E-04	1.35E-02	1.25E-03	1.61E-02
1026	SR_65	Sensitive Receptor	Commercial	Offsite	382.096	6367.715	7.94E-02	1.59E-01	Not Modelled	3.86E-02	7.35E-05	4.66E-02	7.94E-03	1.59E-03	1.59E-10	7.94E-04	1.90E-05	1.40E-05	3.89E-05	1.28E-04	7.58E-04	1.21E-05	2.74E-04	1.39E-02	1.29E-03	1.66E-02
1027	SR_66	Sensitive Receptor	Commercial	Offsite	382.059	6367.688	8.28E-02	1.66E-01	Not Modelled	4.01E-02	7.67E-05	4.88E-02	8.28E-03	1.66E-03	1.66E-10	8.29E-04	1.98E-05	1.46E-05	4.06E-05	1.34E-04	7.91E-04	1.27E-05	2.86E-04	1.45E-02	1.34E-03	1.73E-02
1028	SR_67	Sensitive Receptor	Commercial	Offsite	381.984	6367.635	9.08E-02	1.82E-01	Not Modelled	4.36E-02	8.40E-05	5.41E-02	9.08E-03	1.82E-03	1.82E-10	9.09E-04	2.17E-05	1.60E-05	4.45E-05	1.47E-04	8.67E-04	1.39E-05	3.13E-04	1.59E-02	1.47E-03	1.90E-02
1029	SR_68	Sensitive Receptor	Commercial	Offsite	381.937	6367.607	9.54E-02	1.91E-01	Not Modelled	4.56E-02	8.83E-05	5.72E-02	9.54E-03	1.91E-03	1.91E-10	9.54E-04	2.28E-05	1.68E-05	4.68E-05	1.54E-04	9.11E-04	1.46E-05	3.29E-04	1.67E-02	1.55E-03	1.99E-02
1030	SR_69	Sensitive Receptor	Commercial	Offsite	381.900	6367.578	9.88E-02	1.98E-01	Not Modelled	4.70E-02	9.15E-05	5.95E-02	9.89E-03	1.98E-03	1.98E-10	9.89E-04	2.37E-05	1.74E-05	4.85E-05	1.60E-04	9.44E-04	1.51E-05	3.41E-04	1.73E-02	1.60E-03	2.06E-02
1031	SR_70	Sensitive Receptor	Commercial	Offsite	382.308	6367.664	7.54E-02	1.51E-01	Not Modelled	3.67E-02	6.98E-05	4.33E-02	7.54E-03	1.51E-03	1.51E-10	7.54E-04	1.80E-05	1.33E-05	3.70E-05	1.22E-04	7.20E-04	1.15E-05	2.60E-04	1.32E-02	1.22E-03	1.57E-02
1032	SR_71	Sensitive Receptor	Commercial	Offsite	382.279	6367.620	7.77E-02	1.56E-01	Not Modelled	3.75E-02	7.20E-05	4.47E-02	7.78E-03	1.56E-03	1.56E-10	7.78E-04	1.86E-05	1.37E-05	3.81E-05	1.26E-04	7.42E-04	1.19E-05	2.68E-04	1.36E-02	1.26E-03	1.62E-02
1033	SR_72	Sensitive Receptor	Commercial	Offsite	382.244	6367.607	7.95E-02	1.59E-01	Not Modelled	3.83E-02	7.36E-05	4.59E-02	7.96E-03	1.59E-03	1.59E-10	7.96E-04	1.90E-05	1.40E-05	3.90E-05	1.28E-04	7.60E-04	1.21E-05	2.74E-04	1.39E-02	1.29E-03	1.66E-02
1034	SR_73	Sensitive Receptor	Commercial	Offsite	382.213	6367.622	8.01E-02	1.60E-01	Not Modelled	3.86E-02	7.42E-05	4.64E-02	8.01E-03	1.60E-03	1.60E-10	8.02E-04	1.92E-05	1.41E-05	3.93E-05	1.29E-04	7.65E-04	1.22E-05	2.76E-04	1.40E-02	1.30E-03	1.67E-02
1035	SR_74	Sensitive Receptor	Commercial	Offsite	382.187	6367.624	8.11E-02	1.62E-01	Not Modelled	3.91E-02	7.50E-05	4.71E-02	8.11E-03	1.62E-03	1.62E-10	8.11E-04	1.94E-05	1.43E-05	3.98E-05	1.31E-04	7.74E-04	1.24E-05	2.80E-04	1.42E-02	1.32E-03	1.69E-02
1036	SR_75	Sensitive Receptor	Commercial	Offsite	382.123	6367.629	8.36E-02	1.67E-01	Not Modelled	4.02E-02	7.74E-05	4.90E-02	8.36E-03	1.67E-03	1.67E-10	8.37E-04	2.00E-05	1.47E-05	4.10E-05	1.35E-04	7.99E-04	1.28E-05	2.88E-04	1.46E-02	1.36E-03	1.75E-02
1037	SR_76	Sensitive Receptor	Commercial	Offsite	382.050	6367.569	9.01E-02	1.80E-01	Not Modelled	4.29E-02	8.34E-05	5.32E-02	9.01E-03	1.80E-03	1.80E-10	9.01E-04	2.16E-05	1.59E-05	4.42E-05	1.45E-04	8.60E-04	1.38E-05	3.11E-04	1.58E-02	1.46E-03	1.88E-02
1038	SR_77	Sensitive Receptor	Commercial	Offsite	382.028	6367.547	9.31E-02	1.86E-01	Not Modelled	4.42E-02	8.61E-05	5.51E-02	9.31E-03	1.86E-03	1.86E-10	9.31E-04	2.23E-05	1.64E-05	4.57E-05	1.50E-04	8.89E-04	1.42E-05	3.21E-04	1.63E-02	1.51E-03	1.94E-02
1039	SR_78	Sensitive Receptor	Commercial	Offsite	381.920	6367.470	1.06E-01	2.13E-01	Not Modelled	4.99E-02	9.84E-05	6.37E-02	1.06E-02	2.13E-03	2.13E-10	1.06E-03	2.55E-05	1.88E-05	5.22E-05	1.72E-04	1.02E-03	1.62E-05	3.67E-04	1.86E-02	1.73E-03	2.22E-02
1040	SR_79	Sensitive Receptor	Commercial	Offsite	381.968	6367.507	9.97E-02	2.00E-01	Not Modelled	4.71E-02	9.23E-05	5.95E-02	9.97E-03	1.99E-03	1.99E-10	9.98E-04	2.39E-05	1.76E-05	4.89E-05	1.61E-04	9.52E-04	1.52E-05	3.44E-04	1.75E-02	1.62E-03	2.08E-02
1041	SR_80	Sensitive Receptor	Commercial	Offsite	381.984	6367.474	1.02E-01	2.04E-01	Not Modelled	4.79E-02	9.43E-05	6.06E-02	1.02E-02	2.04E-03	2.04E-10	1.02E-03	2.44E-05	1.80E-05	5.00E-05	1.65E-04	9.73E-04	1.56E-05	3.51E-04	1.78E-02	1.65E-03	2.13E-02
1042	SR_81	Sensitive Receptor	Commercial	Offsite	381.992	6367.443	1.04E-01	2.09E-01	Not Modelled	4.89E-02	9.67E-05	6.21E-02	1.05E-02	2.09E-03	2.09E-10	1.05E-03	2.50E-05	1.84E-05	5.13E-05	1.69E-04	9.98E-04	1.60E-05	3.60E-04	1.83E-02	1.70E-03	2.18E-02
1043	SR_82	Sensitive Receptor	Commercial	Offsite	382.087	6367.492	9.39E-02	1.88E-01	Not Modelled	4.44E-02	8.69E-05	5.52E-02	9.39E-03	1.88E-03	1.88E-10	9.40E-04	2.25E-05	1.66E-05	4.61E-05	1.52E-04	8.97E-04	1.43E-05	3.24E-04	1.64E-02	1.52E-03	1.96E-02
1044	SR_83	Sensitive Receptor	Commercial	Offsite	382.279	6367.503	8.32E-02	1.67E-01	Not Modelled	3.96E-02	7.70E-05	4.79E-02	8.33E-03	1.67E-03	1.67E-10	8.33E-04	1.99E-05	1.47E-05	4.08E-05	1.34E-04	7.95E-04	1.27E-05	2.87E-04	1.46E-02	1.35E-03	1.74E-02
1045	SR_84	Sensitive Receptor	Commercial	Offsite	382.134	6367.415	9.84E-02	1.97E-01	Not Modelled	4.62E-02	9.11E-05	5.75E-02	9.85E-03	1.97E-03	1.97E-10	9.85E-04	2.36E-05	1.74E-05	4.83E-05	1.59E-04	9.40E-04	1.50E-05	3.40E-04	1.72E-02	1.60E-03	2.06E-02
1046	SR_85	Sensitive Receptor	Commercial	Offsite	382.025	6367.371	1.09E-01	2.19E-01	Not Modelled	5.07E-02	1.01E-04	6.44E-02	1.09E-02	2.19E-03	2.19E-10	1.09E-03	2.62E-05	1.93E-05	5.36E-05	1.77E-04	1.04E-03	1.67E-05	3.77E-04	1.91E-02	1.77E-03	2.28E-02
1047	SR_86	Sensitive Receptor	Commercial	Offsite	381.984	6367.353	1.14E-01	2.29E-01	Not Modelled	5.27E-02	1.06E-04	6.75E-02	1.14E-02	2.29E-03	2.29E-10	1.14E-03	2.73E-05	2.01E-05	5.61E-05	1.85E-04	1.09E-03	1.75E-05	3.94E-04	2.00E-02	1.85E-03	2.39E-02
1048	SR_87	Sensitive Receptor	Commercial	Offsite	382.204	6367.322	1.03E-01	2.07E-01	Not Modelled	4.79E-02	9.56E-05	5.95E-02	1.03E-02	2.07E-03	2.07E-10	1.03E-03	2.47E-05	1.82E-05	5.07E-05	1.67E-04	9.87E-04	1.58E-05	3.56E-04	1.81E-02	1.68E-03	2.16E-02
1049	SR_88	Sensitive Receptor	Commercial	Offsite	382.259	6367.353	9.70E-02	1.94E-01	Not Modelled	4.53E-02	8.98E-05	5.57E-02	9.70E-03	1.94E-03	1.94E-10	9.71E-04	2.32E-05	1.71E-05	4.76E-05	1.57E-04	9.27E-04	1.48E-05	3.35E-04	1.70E-02	1.57E-03	2.03E-02
1050	SR_89	Sensitive Receptor	Commercial	Offsite	381.582	6367.234	1.78E-01	3.56E-01	Not Modelled	7.88E-02	1.65E-04	1.07E-01	1.78E-02	3.56E-03	3.56E-10	1.78E-03	4.26E-05	3.14E-05	8.72E-05	2.87E-04	1.70E-03	2.72E-05	6.13E-04	3.11E-02	2.89E-03	3.71E-02
1051	SR_90	Sensitive Receptor	Commercial	Offsite	381.478	6367.196	1.98E-01	3.95E-01	Not Modelled	8.62E-02	1.83E-04	1.19E-01	1.98E-02	3.95E-03	3.95E-10	1.98E-03	4.73E-05	3.48E-05	9.69E-05	3.19E-04	1.89E-03	3.02E-05	6.81E-04	3.46E-02	3.21E-03	4.12E-02
1052	SR_91	Sensitive Receptor	Commercial	Offsite	381.361	6367.097	2.39E-01	4.78E-01	Not Modelled	1.02E-01	2.21E-04	1.42E-01	2.39E-02	4.78E-03	4.78E-10	2.39E-03	5.72E-05	4.21E-05	1.17E-04	3.86E-04	2.28E-03	3.65E-05	8.24E-04	4.19E-02	3.88E-03	4.99E-02

AQIA DATA - SCENARIO 2 GRID MAX

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**4.73E-09**	**2.37E-02**	**5.66E-04**	**4.17E-04**	**1.16E-03**	**3.82E-03**	**2.26E-02**	**3.61E-04**	**8.15E-03**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1053	SR_92	Sensitive Receptor	Commercial	Offsite	381.275	6366.951	2.75E-01	5.50E-01	Not Modelled	1.14E-01	2.54E-04	1.59E-01	2.75E-02	5.50E-03	5.50E-10	2.75E-03	6.58E-05	4.85E-05	1.35E-04	4.44E-04	2.63E-03	4.20E-05	9.48E-04	4.82E-02	4.46E-03	5.74E-02
1054	SR_93	Sensitive Receptor	Commercial	Offsite	381.116	6366.837	3.09E-01	6.18E-01	Not Modelled	1.24E-01	2.86E-04	1.73E-01	3.09E-02	6.17E-03	6.17E-10	3.09E-03	7.39E-05	5.44E-05	1.51E-04	4.99E-04	2.95E-03	4.71E-05	1.06E-03	5.41E-02	5.01E-03	6.44E-02
1055	SR_94	Sensitive Receptor	Commercial	Offsite	381.094	6366.907	3.15E-01	6.30E-01	Not Modelled	1.27E-01	2.92E-04	1.81E-01	3.15E-02	6.30E-03	6.30E-10	3.15E-03	7.54E-05	5.55E-05	1.55E-04	5.09E-04	3.01E-03	4.81E-05	1.09E-03	5.52E-02	5.11E-03	6.58E-02
1056	SR_95	Sensitive Receptor	Commercial	Offsite	381.006	6366.786	3.28E-01	6.56E-01	Not Modelled	1.28E-01	3.03E-04	1.80E-01	3.28E-02	6.56E-03	6.56E-10	3.28E-03	7.85E-05	5.78E-05	1.61E-04	5.30E-04	3.13E-03	5.01E-05	1.13E-03	5.74E-02	5.32E-03	6.85E-02
1057	SR_96	Sensitive Receptor	Commercial	Offsite	380.977	6366.863	3.44E-01	6.89E-01	Not Modelled	1.36E-01	3.19E-04	1.94E-01	3.44E-02	6.89E-03	6.89E-10	3.44E-03	8.24E-05	6.07E-05	1.69E-04	5.56E-04	3.29E-03	5.26E-05	1.19E-03	6.03E-02	5.59E-03	7.19E-02
1058	SR_97	Sensitive Receptor	Commercial	Offsite	380.891	6366.784	3.57E-01	7.14E-01	Not Modelled	1.37E-01	3.30E-04	1.95E-01	3.57E-02	7.14E-03	7.14E-10	3.57E-03	8.54E-05	6.29E-05	1.75E-04	5.76E-04	3.41E-03	5.45E-05	1.23E-03	6.25E-02	5.79E-03	7.45E-02
1059	SR_98	Sensitive Receptor	Commercial	Offsite	380.805	6366.748	3.73E-01	7.46E-01	Not Modelled	1.40E-01	3.45E-04	2.00E-01	3.73E-02	7.46E-03	7.46E-10	3.73E-03	8.93E-05	6.58E-05	1.83E-04	6.03E-04	3.56E-03	5.70E-05	1.29E-03	6.53E-02	6.05E-03	7.79E-02
1060	SR_99	Sensitive Receptor	Commercial	Offsite	380.847	6366.881	3.89E-01	7.78E-01	Not Modelled	1.51E-01	3.60E-04	2.20E-01	3.89E-02	7.77E-03	7.77E-10	3.89E-03	9.30E-05	6.85E-05	1.91E-04	6.28E-04	3.71E-03	5.94E-05	1.34E-03	6.81E-02	6.31E-03	8.11E-02
1061	SR_100	Sensitive Receptor	Commercial	Offsite	380.737	6366.834	4.26E-01	8.53E-01	Not Modelled	1.61E-01	3.94E-04	2.35E-01	4.26E-02	8.53E-03	8.53E-10	4.26E-03	1.02E-04	7.52E-05	2.09E-04	6.89E-04	4.07E-03	6.51E-05	1.47E-03	7.46E-02	6.92E-03	8.90E-02
1062	SR_101	Sensitive Receptor	Commercial	Offsite	380.618	6366.790	4.52E-01	9.04E-01	Not Modelled	1.65E-01	4.18E-04	2.43E-01	4.52E-02	9.04E-03	9.04E-10	4.52E-03	1.08E-04	7.97E-05	2.22E-04	7.30E-04	4.32E-03	6.90E-05	1.56E-03	7.91E-02	7.33E-03	9.43E-02
1063	SR_102	Sensitive Receptor	Commercial	Offsite	380.624	6366.748	4.24E-01	8.49E-01	Not Modelled	1.53E-01	3.93E-04	2.24E-01	4.24E-02	8.48E-03	8.48E-10	4.24E-03	1.02E-04	7.48E-05	2.08E-04	6.85E-04	4.05E-03	6.48E-05	1.46E-03	7.43E-02	6.88E-03	8.86E-02
1064	SR_103	Sensitive Receptor	Commercial	Offsite	380.642	6366.704	3.94E-01	7.89E-01	Not Modelled	1.41E-01	3.65E-04	2.05E-01	3.94E-02	7.88E-03	7.88E-10	3.94E-03	9.43E-05	6.95E-05	1.93E-04	6.37E-04	3.77E-03	6.02E-05	1.36E-03	6.90E-02	6.40E-03	8.23E-02
1065	SR_104	Sensitive Receptor	Commercial	Offsite	380.635	6366.669	3.76E-01	7.52E-01	Not Modelled	1.34E-01	3.48E-04	1.92E-01	3.76E-02	7.52E-03	7.52E-10	3.76E-03	8.99E-05	6.63E-05	1.84E-04	6.07E-04	3.59E-03	5.74E-05	1.30E-03	6.58E-02	6.10E-03	7.84E-02
1066	SR_105	Sensitive Receptor	Commercial	Offsite	380.576	6366.501	2.82E-01	5.64E-01	Not Modelled	9.73E-02	2.61E-04	1.38E-01	2.82E-02	5.64E-03	5.64E-10	2.82E-03	6.75E-05	4.97E-05	1.38E-04	4.55E-04	2.69E-03	4.31E-05	9.72E-04	4.94E-02	4.57E-03	5.89E-02
1067	SR_106	Sensitive Receptor	Commercial	Offsite	380.668	6366.523	2.96E-01	5.93E-01	Not Modelled	1.03E-01	2.74E-04	1.45E-01	2.96E-02	5.93E-03	5.93E-10	2.96E-03	7.09E-05	5.22E-05	1.45E-04	4.79E-04	2.83E-03	4.53E-05	1.02E-03	5.19E-02	4.81E-03	6.18E-02
1068	SR_107	Sensitive Receptor	Commercial	Offsite	380.642	6366.428	2.49E-01	4.98E-01	Not Modelled	8.57E-02	2.30E-04	1.19E-01	2.49E-02	4.98E-03	4.98E-10	2.49E-03	5.95E-05	4.39E-05	1.22E-04	4.02E-04	2.38E-03	3.80E-05	8.58E-04	4.36E-02	4.04E-03	5.19E-02
1069	SR_108	Sensitive Receptor	Commercial	Offsite	380.560	6366.439	2.45E-01	4.90E-01	Not Modelled	8.45E-02	2.27E-04	1.19E-01	2.45E-02	4.90E-03	4.90E-10	2.45E-03	5.86E-05	4.32E-05	1.20E-04	3.95E-04	2.34E-03	3.74E-05	8.44E-04	4.29E-02	3.97E-03	5.11E-02
1070	SR_109	Sensitive Receptor	Commercial	Offsite	380.796	6367.033	4.32E-01	8.64E-01	Not Modelled	1.72E-01	3.99E-04	2.58E-01	4.32E-02	8.63E-03	8.63E-10	4.32E-03	1.03E-04	7.61E-05	2.12E-04	6.97E-04	4.12E-03	6.59E-05	1.49E-03	7.56E-02	7.00E-03	9.01E-02
1071	SR_110	Sensitive Receptor	Commercial	Offsite	380.770	6367.163	4.31E-01	8.61E-01	Not Modelled	1.76E-01	3.98E-04	2.69E-01	4.31E-02	8.61E-03	8.61E-10	4.31E-03	1.03E-04	7.59E-05	2.11E-04	6.95E-04	4.11E-03	6.58E-05	1.48E-03	7.54E-02	6.99E-03	8.99E-02
1072	SR_111	Sensitive Receptor	Commercial	Offsite	380.920	6367.090	3.64E-01	7.28E-01	Not Modelled	1.49E-01	3.37E-04	2.21E-01	3.64E-02	7.28E-03	7.28E-10	3.64E-03	8.71E-05	6.41E-05	1.78E-04	5.88E-04	3.47E-03	5.56E-05	1.25E-03	6.37E-02	5.90E-03	7.59E-02
1073	SR_112	Sensitive Receptor	Commercial	Offsite	380.885	6367.194	3.56E-01	7.13E-01	Not Modelled	1.48E-01	3.30E-04	2.23E-01	3.56E-02	7.13E-03	7.13E-10	3.57E-03	8.53E-05	6.28E-05	1.75E-04	5.76E-04	3.40E-03	5.44E-05	1.23E-03	6.24E-02	5.78E-03	7.44E-02
1074	SR_113	Sensitive Receptor	Commercial	Offsite	381.015	6367.123	3.21E-01	6.42E-01	Not Modelled	1.33E-01	2.97E-04	1.96E-01	3.21E-02	6.42E-03	6.42E-10	3.21E-03	7.68E-05	5.66E-05	1.57E-04	5.18E-04	3.06E-03	4.90E-05	1.11E-03	5.62E-02	5.20E-03	6.70E-02
1075	SR_114	Sensitive Receptor	Commercial	Offsite	380.973	6367.265	2.96E-01	5.92E-01	Not Modelled	1.26E-01	2.74E-04	1.87E-01	2.96E-02	5.91E-03	5.91E-10	2.96E-03	7.08E-05	5.21E-05	1.45E-04	4.78E-04	2.82E-03	4.52E-05	1.02E-03	5.18E-02	4.80E-03	6.17E-02
1076	SR_115	Sensitive Receptor	Commercial	Offsite	381.116	6367.196	2.70E-01	5.41E-01	Not Modelled	1.15E-01	2.50E-04	1.67E-01	2.70E-02	5.41E-03	5.41E-10	2.70E-03	6.47E-05	4.77E-05	1.33E-04	4.37E-04	2.58E-03	4.13E-05	9.32E-04	4.73E-02	4.39E-03	5.64E-02
1077	SR_116	Sensitive Receptor	Commercial	Offsite	381.209	6367.223	2.41E-01	4.82E-01	Not Modelled	1.04E-01	2.23E-04	1.49E-01	2.41E-02	4.82E-03	4.82E-10	2.41E-03	5.76E-05	4.25E-05	1.18E-04	3.89E-04	2.30E-03	3.68E-05	8.31E-04	4.22E-02	3.91E-03	5.03E-02
1078	SR_117	Sensitive Receptor	Commercial	Offsite	381.167	6367.318	2.23E-01	4.47E-01	Not Modelled	9.77E-02	2.07E-04	1.41E-01	2.23E-02	4.46E-03	4.46E-10	2.23E-03	5.34E-05	3.93E-05	1.09E-04	3.60E-04	2.13E-03	3.41E-05	7.70E-04	3.91E-02	3.62E-03	4.66E-02
1079	SR_118	Sensitive Receptor	Commercial	Offsite	380.620	6366.876	4.96E-01	9.93E-01	Not Modelled	1.85E-01	4.59E-04	2.76E-01	4.96E-02	9.92E-03	9.92E-10	4.96E-03	1.19E-04	8.75E-05	2.43E-04	8.01E-04	4.74E-03	7.58E-05	1.71E-03	8.69E-02	8.05E-03	1.04E-01
1083	SR_122	Sensitive Receptor	Commercial	Offsite	379.254	6368.023	4.51E-01	9.02E-01	Not Modelled	2.61E-01	4.17E-04	4.26E-01	4.51E-02	9.02E-03	9.02E-10	4.51E-03	1.08E-04	7.95E-05	2.21E-04	7.28E-04	4.30E-03	6.88E-05	1.55E-03	7.89E-02	7.31E-03	9.41E-02
1084	SR_123	Sensitive Receptor	Commercial	Offsite	379.225	6367.914	4.70E-01	9.41E-01	Not Modelled	2.75E-01	4.35E-04	4.61E-01	4.71E-02	9.41E-03	9.41E-10	4.71E-03	1.13E-04	8.29E-05	2.31E-04	7.60E-04	4.49E-03	7.18E-05	1.62E-03	8.24E-02	7.63E-03	9.82E-02
1085	SR_124	Sensitive Receptor	Commercial	Offsite	379.225	6367.808	5.80E-01	1.16E+00	Not Modelled	3.29E-01	5.37E-04	5.73E-01	5.80E-02	1.16E-02	1.16E-09	5.80E-03	1.39E-04	1.02E-04	2.85E-04	9.37E-04	5.54E-03	8.86E-05	2.00E-03	1.02E-01	9.41E-03	1.21E-01
1086	SR_125	Sensitive Receptor	Commercial	Offsite	379.141	6367.824	4.46E-01	8.91E-01	Not Modelled	2.47E-01	4.12E-04	4.25E-01	4.46E-02	8.91E-03	8.91E-10	4.46E-03	1.07E-04	7.85E-05	2.19E-04	7.20E-04	4.25E-03	6.80E-05	1.54E-03	7.80E-02	7.23E-03	9.30E-02
1087	SR_126	Sensitive Receptor	Commercial	Offsite	379.183	6367.716	6.02E-01	1.20E+00	Not Modelled	3.22E-01	5.57E-04	5.76E-01	6.02E-02	1.20E-02	1.20E-09	6.02E-03	1.44E-04	1.06E-04	2.95E-04	9.72E-04	5.75E-03	9.19E-05	2.08E-03	1.05E-01	9.77E-03	1.26E-01
1088	SR_127	Sensitive Receptor	Commercial	Offsite	379.112	6367.722	4.64E-01	9.29E-01	Not Modelled	2.45E-01	4.30E-04	4.34E-01	4.64E-02	9.29E-03	9.29E-10	4.65E-03	1.11E-04	8.19E-05	2.28E-04	7.50E-04	4.43E-03	7.09E-05	1.60E-03	8.13E-02	7.53E-03	9.69E-02
1089	SR_128	Sensitive Receptor	Commercial	Offsite	379.165	6367.610	6.08E-01	1.22E+00	Not Modelled	3.11E-01	5.63E-04	5.66E-01	6.08E-02	1.22E-02	1.22E-09	6.08E-03	1.45E-04	1.07E-04	2.98E-04	9.82E-04	5.81E-03	9.28E-05	2.10E-03	1.06E-01	9.86E-03	1.27E-01
1090	SR_129	Sensitive Receptor	Commercial	Offsite	379.059	6367.632	4.13E-01	8.26E-01	Not Modelled	2.12E-01	3.82E-04	3.79E-01	4.13E-02	8.26E-03	8.26E-10	4.13E-03	9.88E-05	7.28E-05	2.03E-04	6.67E-04	3.94E-03	6.31E-05	1.42E-03	7.23E-02	6.70E-03	8.62E-02
1091	SR_130	Sensitive Receptor	Commercial	Offsite	379.161	6367.511	5.88E-01	1.18E+00	Not Modelled	2.91E-01	5.44E-04	5.30E-01	5.88E-02	1.18E-02	1.18E-09	5.88E-03	1.41E-04	1.04E-04	2.88E-04	9.50E-04	5.61E-03	8.98E-05	2.03E-03	1.03E-01	9.54E-03	1.23E-01
1092	SR_131	Sensitive Receptor	Commercial	Offsite	379.057	6367.535	4.07E-01	8.14E-01	Not Modelled	2.03E-01	3.76E-04	3.64E-01	4.07E-02	8.13E-03	8.13E-10	4.07E-03	9.73E-05	7.17E-05	1.99E-04	6.57E-04	3.88E-03	6.21E-05	1.40E-03	7.12E-02	6.60E-03	8.49E-02
1093	SR_132	Sensitive Receptor	Commercial	Offsite	379.163	6367.411	5.67E-01	1.14E+00	Not Modelled	2.70E-01	5.25E-04	4.85E-01	5.68E-02	1.13E-02	1.13E-09	5.68E-03	1.36E-04	1.00E-04	2.78E-04	9.16E-04	5.42E-03	8.66E-05	1.96E-03	9.94E-02	9.21E-03	1.18E-01
1094	SR_133	Sensitive Receptor	Commercial	Offsite	379.073	6367.431	4.19E-01	8.39E-01	Not Modelled	2.04E-01	3.88E-04	3.65E-01	4.19E-02	8.38E-03	8.38E-10	4.19E-03	1.00E-04	7.39E-05	2.06E-04	6.77E-04	4.00E-03	6.40E-05	1.45E-03	7.34E-02	6.80E-03	8.75E-02
1095	SR_134	Sensitive Receptor	Commercial	Offsite	379.148	6367.325	5.16E-01	1.03E+00	Not Modelled	2.41E-01	4.78E-04	4.23E-01	5.16E-02	1.03E-02	1.03E-09	5.16E-03	1.23E-04	9.10E-05	2.53E-04	8.34E-04	4.93E-03	7.88E-05	1.78E-03	9.04E-02	8.38E-03	1.08E-01
1096	SR_135	Sensitive Receptor	Commercial	Offsite	378.874	6366.985	2.18E-01	4.36E-01	Not Modelled	1.07E-01	2.02E-04	1.65E-01	2.18E-02	4.36E-03	4.36E-10	2.18E-03	5.21E-05	3.84E-05	1.07E-04	3.52E-04	2.08E-03	3.32E-05	7.51E-04	3.81E-02	3.53E-03	4.55E-02
1097	SR_136	Sensitive Receptor	Commercial	Offsite	378.923	6367.045	2.52E-01	5.04E-01	Not Modelled	1.22E-01	2.33E-04	1.94E-01	2.52E-02	5.04E-03	5.04E-10	2.52E-03	6.03E-05	4.44E-05	1.24E-04	4.07E-04	2.41E-03	3.85E-05	8.68E-04	4.41E-02	4.09E-03	5.26E-02
1098	SR_137	Sensitive Receptor	Commercial	Offsite	378.989	6367.113	3.01E-01	6.03E-01	Not Modelled	1.46E-01	2.79E-04	2.37E-01	3.01E-02	6.03E-03	6.03E-10	3.01E-03	7.21E-05	5.31E-05	1.48E-04	4.87E-04	2.88E-03	4.60E-05	1.04E-03	5.28E-02	4.89E-03	6.29E-02
1099	SR_138	Sensitive Receptor	Commercial	Offsite	379.062	6367.158	3.60E-01	7.21E-01	Not Modelled	1.76E-01	3.34E-04	2.92E-01	3.60E-02	7.21E-03	7.21E-10	3.61E-03	8.62E-05	6.35E-05	1.77E-04	5.82E-04	3.44E-03	5.50E-05	1.24E-03	6.31E-02	5.85E-03	7.52E-02
1100	SR_139	Sensitive Receptor	Commercial	Offsite	378.964	6367.301	3.14E-01	6.27E-01	Not Modelled	1.47E-01	2.90E-04	2.53E-01	3.14E-02	6.27E-03	6.27E-10	3.14E-03	7.50E-05	5.53E-05	1.54E-04	5.06E-04	2.99E-03	4.79E-05	1.08E-03	5.49E-02	5.09E-03	6.54E-02
1101	SR_140	Sensitive Receptor	Commercial	Offsite	378.923	6367.354	2.82E-01	5.64E-01	Not Modelled	1.36E-01	2.61E-04	2.35E-01	2.82E-02	5.64E-03	5.64E-10	2.82E-03	6.74E-05	4.97E-05	1.38E-04	4.55E-04	2.69E-03	4.30E-05	9.72E-04	4.93E-02	4.57E-03	5.88E-02
1102	SR_141	Sensitive Receptor	Commercial	Offsite	378.792	6367.458	2.24E-01	4.49E-01	Not Modelled	1.14E-01	2.08E-04	1.96E-01	2.24E-02	4.49E-03	4.49E-10	2.24E-03	5.37E-05	3.95E-05	1.10E-04	3.62E-04	2.14E-03	3.43E-05	7.73E-04	3.93E-02	3.64E-03	4.68E-02
1103	SR_142	Sensitive Receptor	Commercial	Offsite	378.733	6367.473	2.05E-01	4.09E-01	Not Modelled	1.05E-01	1.89E-04	1.80E-01	2.05E-02	4.09E-03	4.09E-10	2.05E-03	4.90E-05	3.61E-05	1.00E-04	3.30E-04	1.95E-03	3.12E-05	7.05E-04	3.58E-02	3.32E-03	4.27E-02
1104	SR_143	Sensitive Receptor	Commercial	Offsite	378.702	6367.482	1.95E-01	3.91E-01	Not Modelled	1.01E-01	1.81E-04	1.72E-01	1.95E-02	3.90E-03	3.90E-10	1.95E-03	4.67E-05	3.44E-05	9.58E-05	3.15E-04	1.86E-03	2.98E-05	6.73E-04	3.42E-02	3.17E-03	4.08E-02
1105	SR_144	Sensitive Receptor	Commercial	Offsite	378.653	6367.502	1.80E-01	3.60E-01	Not Modelled	9.33E-02	1.67E-04	1.57E-01	1.80E-02	3.60E-03	3.60E-10	1.80E-03	4.30E-05	3.17E-05	8.82E-05	2.91E-04	1.72E-03	2.75E-05	6.20E-04	3.15E-02	2.92E-03	3.76E-02
1106	SR_145	Sensitive Receptor	Commercial	Offsite	378.569	6367.541	1.56E-01	3.12E-01	Not Modelled	8.08E-02	1.44E-04	1.34E-01	1.56E-02	3.12E-03	3.12E-10	1.56E-03	3.73E-05	2.75E-05	7.65E-05	2.52E-04	1.49E-03	2.38E-05	5.38E-04	2.73E-02	2.53E-03	3.26E-02
1107	SR_146	Sensitive Receptor	Commercial	Offsite	378.477	6367.579	1.37E-01	2.74E-01	Not Modelled	7.19E-02	1.27E-04	1.17E-01	1.37E-02	2.74E-03	2.74E-10	1.37E-03	3.28E-05	2.42E-05	6.72E-05	2.21E-04	1.31E-03	2.09E-05	4.72E-04	2.40E-02	2.22E-03	2.86E-02
1108	SR_147	Sensitive Receptor	Commercial	Offsite	378.406	6367.608	1.25E-01	2.50E-01	Not Modelled	6.61E-02	1.16E-04	1.06E-01	1.25E-02	2.50E-03	2.50E-10	1.25E-03	2.99E-05	2.20E-05	6.13E-05	2.02E-04	1.19E-03	1.91E-05	4.31E-04	2.19E-02	2.03E-03	2.61E-02
1109	SR_148	Sensitive Receptor	Commercial	Offsite	378.336	6367.614	1.15E-01	2.31E-01	Not Modelled	6.13E-02	1.07E-04	9.71E-02	1.15E-02	2.30E-03	2.30E-10	1.15E-03	2.76E-05	2.03E-05	5.65E-05	1.86E-04	1.10E-03	1.76E-05	3.97E-04	2.02E-02	1.87E-03	2.40E-02
1110	SR_149	Sensitive Receptor	Commercial	Offsite	378.241	6367.632	1.04E-01	2.08E-01	Not Modelled	5.57E-02	9.61E-05	8.66E-02	1.04E-02	2.08E-03	2.08E-10	1.04E-03	2.48E-05	1.83E-05	5.09E-05	1.68E-04	9.92E-04	1.59E-05	3.58E-04	1.82E-02	1.69E-03	2.17E-02
1111	SR_150	Sensitive Receptor	Commercial	Offsite	378.627	6367.413	1.71E-01	3.42E-01	Not Modelled	8.66E-02	1.58E-04	1.45E-01	1.71E-02	3.42E-03	3.42E-10	1.71E-03	4.09E-05	3.01E-05	8.38E-05	2.76E-04	1.63E-03	2.61E-05	5.89E-04	2.99E-02	2.77E-03	3.56E-02
1112	SR_151	Sensitive Receptor	Commercial	Offsite	378.697	6367.402	1.90E-01	3.80E-01	Not Modelled	9.59E-02	1.76E-04	1.62E-01	1.90E-02	3.80E-03	3.80E-10	1.90E-03	4.54E-05	3.35E-05	9.31E-05	3.07E-04	1.81E-03	2.90E-05	6.54E-04	3.32E-02	3.08E-03	3.96E-02
1113	SR_152	Sensitive Receptor	Commercial	Offsite	378.761	6367.380	2.09E-01	4.18E-01	Not Modelled	1.04E-01	1.93E-04	1.77E-01	2.09E-02	4.18E-03	4.18E-10	2.09E-03	5.00E-05	3.68E-05	1.02E-04	3.37E-04	2.00E-03	3.19E-05	7.20E-04	3.66E-02	3.39E-03	4.36E-02
1114	SR_153	Sensitive Receptor	Commercial	Offsite	378.819	6367.354	2.30E-01	4.61E-01	Not Modelled	1.13E-01	2.13E-04	1.93E-01	2.30E-02	4.61E-03	4.61E-10	2.31E-03	5.51E-05	4.06E-05	1.13E-04	3.72E-04	2.20E-03	3.52E-05	7.94E-04	4.03E-02	3.74E-03	4.81E-02
1115	SR_154	Sensitive Receptor	Commercial	Offsite	378.854	6367.312	2.46E-01	4.92E-01	Not Modelled	1.18E-01	2.28E-04	2.01E-01	2.46E-02	4.92E-03	4.92E-10	2.46E-03	5.89E-05	4.34E-05	1.21E-04	3.97E-04	2.35E-03	3.76E-05	8.48E-04	4.31E-02	3.99E-03	5.14E-02
1116	SR_155	Sensitive Receptor	Commercial	Offsite	377.826	6367.113	7.22E-02	1.45E-01	Not Modelled	3.67E-02	6.68E-05	5.43E-02	7.22E-03	1.44E-03	1.44E-10	7.22E-04	1.73E-05	1.27E-05	3.54E-05	1.17E-04	6.89E-04	1.10E-05	2.49E-04	1.26E-02	1.17E-03	1.51E-02
1117	SR_156	Sensitive Receptor	Commercial	Offsite	377.870	6367.171	7.48E-02	1.50E-01	Not Modelled	3.83E-02	6.92E-05	5.73E-02	7.48E-03	1.50E-03	1.50E-10	7.48E-04	1.79E-05	1.32E-05	3.67E-05	1.21E-04	7.14E-04	1.14E-05	2.58E-04	1.31E-02	1.21E-03	1.56E-02
1118	SR_157	Sensitive Receptor	Commercial	Offsite	377.916	6367.222	7.76E-02	1.55E-01	Not Modelled	3.98E-02	7.18E-05	6.00E-02	7.76E-03	1.55E-03	1.55E-10	7.76E-04	1.86E-05	1.37E-05	3.81E-05	1.25E-04	7.41E-04	1.19E-05	2.68E-04	1.36E-02	1.26E-03	1.62E-02
1119	SR_158	Sensitive Receptor	Commercial	Offsite	377.760	6367.376	6.95E-02	1.39E-01	Not Modelled	3.60E-02	6.44E-05	5.30E-02	6.96E-03	1.39E-03	1.39E-10	6.96E-04	1.66E-05	1.23E-05	3.41E-05	1.12E-04	6.64E-04	1.06E-05	2.40E-04	1.22E-02	1.13E-03	1.45E-02
1120	SR_159	Sensitive Receptor	Commercial	Offsite	377.921	6367.349	7.83E-02	1.57E-01	Not Modelled	4.03E-02	7.25E-05	6.08E-02	7.83E-03	1.57E-03	1.57E-10	7.84E-04	1.87E-05	1.38E-05	3.84E-05	1.27E-04	7.48E-04	1.20E-05	2.70E-04	1.37E-02	1.27E-03	1.64E-02
1121	SR_160	Sensitive Receptor	Commercial	Offsite	377.993	6367.305	8.31E-02	1.66E-01	Not Modelled	4.25E-02	7.69E-05	6.49E-02	8.31E-03	1.66E-03	1.66E-10	8.31E-04	1.99E-05	1.46E-05	4.07E-05	1.34E-04	7.93E-04	1.27E-05	2.86E-04	1.45E-02	1.35E-03	1.73E-02
1122	SR_161	Sensitive Receptor	Commercial	Offsite	378.073	6367.241	8.89E-02	1.78E-01	Not Modelled	4.51E-02	8.23E-05	6.95E-02	8.89E-03	1.78E-03	1.78E-10	8.90E-04	2.13E-05	1.57E-05	4.36E-05	1.44E-04	8.49E-04	1.36E-05	3.07E-04	1.56E-02	1.44E-03	1.86E-02
1123	SR_162	Sensitive Receptor	Commercial	Offsite	378.163	6367.162	9.71E-02	1.94E-01	Not Modelled	4.81E-02	8.99E-05	7.43E-02	9.71E-03	1.94E-03	1.94E-10	9.72E-04	2.32E-05	1.71E-05	4.76E-05	1.57E-04	9.27E-04	1.48E-05	3.35E-04	1.70E-02	1.58E-03	2.03E-02
1124	SR_163	Sensitive Receptor	Commercial	Offsite	378.088	6367.753	8.98E-02	1.80E-01	Not Modelled	4.99E-02	8.31E-05	7.49E-02	8.98E-03	1.80E-03	1.80E-10	8.99E-04	2.15E-05	1.58E-05	4.41E-05	1.45E-04	8.58E-04	1.37E-05	3.10E-04	1.57E-02	1.46E-03	1.88E-02
1125	SR_164	Sensitive Receptor	Commercial	Offsite	378.256	6367.720	1.06E-01	2.13E-01	Not Modelled	5.85E-02	9.83E-05	9.07E-02	1.06E-02	2.12E-03	2.12E-10	1.06E-03	2.54E-05	1.87E-05	5.21E-05	1.72E-04	1.01E-03	1.62E-05	3.66E-04	1.86E-02	1.72E-03	2.22E-02
1126	SR_165	Sensitive Receptor	Commercial	Offsite	378.876	6367.612	2.59E-01	5.19E-01	Not Modelled	1.34E-01	2.40E-04	2.32E-01	2.59E-02	5.19E-03	5.19E-10	2.60E-03	6.21E-05	4.57E-05	1.27E-04	4.19E-04	2.48E-03	3.96E-05	8.94E-04	4.54E-02	4.21E-03	5.41E-02
1127	SR_166	Sensitive Receptor	Commercial	Offsite	378.920	6367.705	2.80E-01	5.60E-01	Not Modelled	1.46E-01	2.59E-04	2.51E-01	2.80E-02	5.59E-03	5.59E-10	2.80E-03	6.69E-05	4.93E-05	1.37E-04	4.52E-04	2.67E-03	4.27E-05	9.64E-04	4.90E-02	4.54E-03	5.84E-02
1128	SR_167	Sensitive Receptor	Commercial	Offsite	378.964	6367.793	2.96E-01	5.92E-01	Not Modelled	1.57E-01	2.74E-04	2.68E-01	2.96E-02	5.92E-03	5.92E-10	2.96E-03	7.08E-05	5.22E-05	1.45E-04	4.78E-04	2.83E-03	4.52E-05	1.02E-03	5.18E-02	4.80E-03	6.18E-02
1129	SR_168	Sensitive Receptor	Commercial	Offsite	379.099	6367.879	3.71E-01	7.42E-01	Not Modelled	2.09E-01	3.43E-04	3.53E-01	3.71E-02	7.42E-03	7.42E-10	3.71E-03	8.87E-05	6.54E-05	1.82E-04	5.99E-04	3.54E-03	5.66E-05	1.28E-03	6.49E-02	6.02E-03	7.74E-02
1130	SR_169	Sensitive Receptor	Commercial	Offsite	379.002	6367.908	2.85E-01	5.70E-01	Not Modelled	1.58E-01	2.64E-04	2.62E-01	2.85E-02	5.70E-03	5.70E-10	2.85E-03	6.82E-05	5.02E-05	1.40E-04	4.60E-04	2.72E-03	4.35E-05	9.82E-04	4.99E-02	4.62E-03	5.95E-02
1131	SR_170	Sensitive Receptor	Commercial	Offsite	379.117	6368.012	3.09E-01	6.19E-01	Not Modelled	1.82E-01	2.86E-04	2.93E-01	3.09E-02	6.19E-03	6.19E-10	3.09E-03	7.40E-05	5.45E-05	1.52E-04	4.99E-04	2.95E-03	4.72E-05	1.07E-03	5.41E-02	5.02E-03	6.46E-02
1132	SR_171	Sensitive Receptor	Commercial	Offsite	378.717	6367.632	1.94E-01	3.87E-01	Not Modelled	1.02E-01	1.79E-04	1.72E-01	1.94E-02	3.87E-03	3.87E-10	1.94E-03	4.63E-05	3.41E-05	9.50E-05	3.13E-04	1.85E-03	2.96E-05	6.68E-04	3.39E-02	3.14E-03	4.04E-02
1133	SR_172	Sensitive Receptor	Commercial	Offsite	378.746	6367.705	2.02E-01	4.03E-01	Not Modelled	1.07E-01	1.86E-04	1.80E-01	2.02E-02	4.03E-03	4.03E-10	2.02E-03	4.82E-05	3.55E-05	9.88E-05	3.25E-04	1.92E-03	3.08E-05	6.95E-04	3.53E-02	3.27E-03	4.21E-02
1134	SR_173	Sensitive Receptor	Commercial	Offsite	378.578	6367.698	1.56E-01	3.12E-01	Not Modelled	8.41E-02	1.44E-04	1.38E-01	1.56E-02	3.12E-03	3.12E-10	1.56E-03	3.73E-05	2.75E-05	7.65E-05	2.52E-04	1.49E-03	2.38E-05	5.38E-04	2.73E-02	2.53E-03	3.25E-02
1135	SR_174	Sensitive Receptor	Commercial	Offsite	379.073	6368.261	2.30E-01	4.60E-01	Not Modelled	1.34E-01	2.13E-04	2.00E-01	2.30E-02	4.59E-03	4.59E-10	2.30E-03	5.50E-05	4.05E-05	1.13E-04	3.71E-04	2.19E-03	3.51E-05	7.92E-04	4.02E-02	3.73E-03	4.79E-02
1136	SR_175	Sensitive Receptor	Commercial	Offsite	379.024	6368.166	2.16E-01	4.33E-01	Not Modelled	1.28E-01	2.00E-04	1.95E-01	2.16E-02	4.32E-03	4.32E-10	2.16E-03	5.17E-05	3.81E-05	1.06E-04	3.49E-04	2.06E-03	3.30E-05	7.45E-04	3.79E-02	3.51E-03	4.51E-02
1137	SR_176	Sensitive Receptor	Commercial	Offsite	378.984	6368.287	1.84E-01	3.69E-01	Not Modelled	1.09E-01	1.71E-04	1.59E-01	1.85E-02	3.69E-03	3.69E-10	1.85E-03	4.41E-05	3.25E-05	9.05E-05	2.98E-04	1.76E-03	2.82E-05	6.36E-04	3.23E-02	2.99E-03	3.85E-02
1138	SR_177	Sensitive Receptor	Commercial	Offsite	378.925	6368.188	1.75E-01	3.51E-01	Not Modelled	1.04E-01	1.62E-04	1.56E-01	1.75E-02	3.51E-03	3.51E-10	1.75E-03	4.20E-05	3.09E-05	8.60E-05	2.83E-04	1.67E-03	2.68E-05	6.05E-04	3.07E-02	2.85E-03	3.66E-02
1139	SR_178	Sensitive Receptor	Commercial	Offsite	378.887	6368.292	1.53E-01	3.06E-01	Not Modelled	9.15E-02	1.42E-04	1.32E-01	1.53E-02	3.06E-03	3.06E-10	1.53E-03	3.66E-05	2.70E-05	7.51E-05	2.47E-04	1.46E-03	2.34E-05	5.28E-04	2.68E-02	2.48E-03	3.19E-02
1140	SR_179	Sensitive Receptor	Commercial	Offsite	378.775	6368.195	1.46E-01	2.92E-01	Not Modelled	8.68E-02	1.35E-04	1.29E-01	1.46E-02	2.92E-03	2.92E-10	1.46E-03	3.49E-05	2.57E-05	7.16E-05	2.36E-04	1.39E-03	2.23E-05	5.03E-04	2.56E-02	2.37E-03	3.05E-02

AQIA DATA - SCENARIO 2 GRID MAX

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**4.73E-09**	**2.37E-02**	**5.66E-04**	**4.17E-04**	**1.16E-03**	**3.82E-03**	**2.26E-02**	**3.61E-04**	**8.15E-03**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1141	SR_180	Sensitive Receptor	Commercial	Offsite	378.772	6368.296	1.33E-01	2.65E-01	Not Modelled	8.03E-02	1.23E-04	1.15E-01	1.33E-02	2.65E-03	2.65E-10	1.33E-03	3.17E-05	2.34E-05	6.50E-05	2.14E-04	1.27E-03	2.02E-05	4.57E-04	2.32E-02	2.15E-03	2.77E-02
1142	SR_181	Sensitive Receptor	Commercial	Offsite	378.772	6368.252	1.38E-01	2.76E-01	Not Modelled	8.30E-02	1.27E-04	1.20E-01	1.38E-02	2.75E-03	2.75E-10	1.38E-03	3.30E-05	2.43E-05	6.75E-05	2.22E-04	1.32E-03	2.10E-05	4.75E-04	2.41E-02	2.23E-03	2.87E-02
1143	SR_182	Sensitive Receptor	Commercial	Offsite	378.675	6368.349	1.16E-01	2.32E-01	Not Modelled	7.12E-02	1.07E-04	9.96E-02	1.16E-02	2.32E-03	2.32E-10	1.16E-03	2.78E-05	2.05E-05	5.69E-05	1.87E-04	1.11E-03	1.77E-05	4.00E-04	2.03E-02	1.88E-03	2.42E-02
1144	SR_183	Sensitive Receptor	Commercial	Offsite	378.609	6368.340	1.11E-01	2.22E-01	Not Modelled	6.79E-02	1.03E-04	9.51E-02	1.11E-02	2.22E-03	2.22E-10	1.11E-03	2.65E-05	1.95E-05	5.44E-05	1.79E-04	1.06E-03	1.69E-05	3.82E-04	1.94E-02	1.80E-03	2.31E-02
1145	SR_184	Sensitive Receptor	Commercial	Offsite	378.629	6368.223	1.26E-01	2.51E-01	Not Modelled	7.46E-02	1.16E-04	1.09E-01	1.26E-02	2.51E-03	2.51E-10	1.26E-03	3.01E-05	2.22E-05	6.16E-05	2.03E-04	1.20E-03	1.92E-05	4.33E-04	2.20E-02	2.04E-03	2.62E-02
1146	SR_185	Sensitive Receptor	Commercial	Offsite	378.536	6368.239	1.15E-01	2.30E-01	Not Modelled	6.81E-02	1.06E-04	9.81E-02	1.15E-02	2.30E-03	2.30E-10	1.15E-03	2.75E-05	2.03E-05	5.64E-05	1.86E-04	1.10E-03	1.76E-05	3.97E-04	2.01E-02	1.87E-03	2.40E-02
1147	SR_186	Sensitive Receptor	Commercial	Offsite	378.307	6368.270	9.37E-02	1.88E-01	Not Modelled	5.47E-02	8.67E-05	7.67E-02	9.37E-03	1.87E-03	1.87E-10	9.38E-04	2.24E-05	1.65E-05	4.60E-05	1.51E-04	8.95E-04	1.43E-05	3.23E-04	1.64E-02	1.52E-03	1.96E-02
1148	SR_187	Sensitive Receptor	Commercial	Offsite	378.355	6368.316	9.40E-02	1.88E-01	Not Modelled	5.59E-02	8.70E-05	7.76E-02	9.40E-03	1.88E-03	1.88E-10	9.40E-04	2.25E-05	1.66E-05	4.61E-05	1.52E-04	8.97E-04	1.44E-05	3.24E-04	1.65E-02	1.52E-03	1.96E-02
1149	SR_188	Sensitive Receptor	Commercial	Offsite	378.424	6368.373	9.45E-02	1.89E-01	Not Modelled	5.77E-02	8.75E-05	7.92E-02	9.46E-03	1.89E-03	1.89E-10	9.46E-04	2.26E-05	1.67E-05	4.64E-05	1.53E-04	9.03E-04	1.44E-05	3.26E-04	1.66E-02	1.53E-03	1.97E-02
1150	SR_189	Sensitive Receptor	Commercial	Offsite	378.503	6368.409	9.70E-02	1.94E-01	Not Modelled	6.01E-02	8.97E-05	8.18E-02	9.70E-03	1.94E-03	1.94E-10	9.70E-04	2.32E-05	1.71E-05	4.76E-05	1.57E-04	9.26E-04	1.48E-05	3.34E-04	1.70E-02	1.57E-03	2.02E-02
1151	SR_190	Sensitive Receptor	Commercial	Offsite	378.455	6368.515	8.62E-02	1.73E-01	Not Modelled	5.41E-02	7.98E-05	7.13E-02	8.62E-03	1.72E-03	1.72E-10	8.62E-04	2.06E-05	1.52E-05	4.23E-05	1.39E-04	8.23E-04	1.32E-05	2.97E-04	1.51E-02	1.40E-03	1.80E-02
1152	SR_191	Sensitive Receptor	Commercial	Offsite	378.411	6368.488	8.55E-02	1.71E-01	Not Modelled	5.35E-02	7.91E-05	7.08E-02	8.55E-03	1.71E-03	1.71E-10	8.55E-04	2.05E-05	1.51E-05	4.19E-05	1.38E-04	8.16E-04	1.31E-05	2.95E-04	1.50E-02	1.39E-03	1.78E-02
1153	SR_192	Sensitive Receptor	Commercial	Offsite	378.336	6368.437	8.53E-02	1.71E-01	Not Modelled	5.27E-02	7.89E-05	7.05E-02	8.53E-03	1.71E-03	1.71E-10	8.53E-04	2.04E-05	1.50E-05	4.18E-05	1.38E-04	8.14E-04	1.30E-05	2.94E-04	1.49E-02	1.38E-03	1.78E-02
1154	SR_193	Sensitive Receptor	Commercial	Offsite	378.219	6368.373	8.35E-02	1.67E-01	Not Modelled	5.01E-02	7.73E-05	6.78E-02	8.35E-03	1.67E-03	1.67E-10	8.35E-04	2.00E-05	1.47E-05	4.10E-05	1.35E-04	7.97E-04	1.27E-05	2.88E-04	1.46E-02	1.35E-03	1.74E-02
1155	SR_194	Sensitive Receptor	Commercial	Offsite	378.203	6368.530	7.37E-02	1.48E-01	Not Modelled	4.60E-02	6.82E-05	5.95E-02	7.37E-03	1.47E-03	1.47E-10	7.37E-04	1.76E-05	1.30E-05	3.61E-05	1.19E-04	7.04E-04	1.13E-05	2.54E-04	1.29E-02	1.20E-03	1.54E-02
1156	SR_195	Sensitive Receptor	Commercial	Offsite	378.276	6368.579	7.36E-02	1.47E-01	Not Modelled	4.65E-02	6.82E-05	5.96E-02	7.37E-03	1.47E-03	1.47E-10	7.37E-04	1.76E-05	1.30E-05	3.61E-05	1.19E-04	7.03E-04	1.12E-05	2.54E-04	1.29E-02	1.20E-03	1.54E-02
1157	SR_196	Sensitive Receptor	Commercial	Offsite	376.753	6367.464	4.10E-02	8.21E-02	Not Modelled	2.26E-02	3.80E-05	2.88E-02	4.10E-03	8.20E-04	8.20E-11	4.10E-04	9.81E-06	7.23E-06	2.01E-05	6.62E-05	3.92E-04	6.26E-06	1.41E-04	7.18E-03	6.65E-04	8.56E-03
1158	SR_197	Sensitive Receptor	Commercial	Offsite	376.674	6367.477	3.96E-02	7.95E-02	Not Modelled	2.20E-02	3.67E-05	2.78E-02	3.97E-03	7.93E-04	7.93E-11	3.97E-04	9.49E-06	6.99E-06	1.95E-05	6.41E-05	3.79E-04	6.06E-06	1.37E-04	6.95E-03	6.44E-04	8.28E-03
1159	SR_198	Sensitive Receptor	Commercial	Offsite	376.639	6367.566	3.82E-02	7.66E-02	Not Modelled	2.14E-02	3.54E-05	2.66E-02	3.83E-03	7.65E-04	7.65E-11	3.83E-04	9.15E-06	6.74E-06	1.88E-05	6.18E-05	3.65E-04	5.84E-06	1.32E-04	6.70E-03	6.21E-04	7.99E-03
1160	SR_199	Sensitive Receptor	Commercial	Offsite	376.608	6367.650	3.71E-02	7.43E-02	Not Modelled	2.10E-02	3.43E-05	2.58E-02	3.71E-03	7.42E-04	7.42E-11	3.71E-04	8.87E-06	6.54E-06	1.82E-05	5.99E-05	3.54E-04	5.66E-06	1.28E-04	6.49E-03	6.02E-04	7.74E-03
1161	SR_200	Sensitive Receptor	Commercial	Offsite	376.614	6367.754	3.68E-02	7.38E-02	Not Modelled	2.12E-02	3.41E-05	2.58E-02	3.68E-03	7.37E-04	7.37E-11	3.68E-04	8.81E-06	6.49E-06	1.81E-05	5.95E-05	3.52E-04	5.62E-06	1.27E-04	6.45E-03	5.98E-04	7.69E-03
1162	SR_201	Sensitive Receptor	Commercial	Offsite	376.877	6367.338	4.34E-02	8.70E-02	Not Modelled	2.35E-02	4.02E-05	3.08E-02	4.35E-03	8.69E-04	8.69E-11	4.35E-04	1.04E-05	7.66E-06	2.13E-05	7.02E-05	4.15E-04	6.64E-06	1.50E-04	7.61E-03	7.05E-04	9.07E-03
1163	SR_202	Sensitive Receptor	Commercial	Offsite	376.985	6367.308	4.56E-02	9.13E-02	Not Modelled	2.45E-02	4.22E-05	3.26E-02	4.56E-03	9.12E-04	9.12E-11	4.56E-04	1.09E-05	8.04E-06	2.24E-05	7.36E-05	4.35E-04	6.96E-06	1.57E-04	7.98E-03	7.40E-04	9.52E-03
1164	SR_203	Sensitive Receptor	Commercial	Offsite	376.866	6367.131	4.25E-02	8.52E-02	Not Modelled	2.32E-02	3.94E-05	3.05E-02	4.25E-03	8.51E-04	8.51E-11	4.26E-04	1.02E-05	7.50E-06	2.09E-05	6.87E-05	4.06E-04	6.49E-06	1.47E-04	7.45E-03	6.90E-04	8.88E-03
1165	SR_204	Sensitive Receptor	Commercial	Offsite	376.963	6367.160	4.46E-02	8.94E-02	Not Modelled	2.42E-02	4.13E-05	3.22E-02	4.47E-03	8.93E-04	8.93E-11	4.47E-04	1.07E-05	7.87E-06	2.19E-05	7.21E-05	4.26E-04	6.82E-06	1.54E-04	7.82E-03	7.25E-04	9.32E-03
1166	SR_205	Sensitive Receptor	Commercial	Offsite	376.965	6367.091	4.42E-02	8.85E-02	Not Modelled	2.40E-02	4.09E-05	3.19E-02	4.42E-03	8.84E-04	8.84E-11	4.42E-04	1.06E-05	7.79E-06	2.17E-05	7.14E-05	4.22E-04	6.75E-06	1.52E-04	7.74E-03	7.17E-04	9.23E-03
1167	SR_206	Sensitive Receptor	Commercial	Offsite	377.078	6367.131	4.73E-02	9.47E-02	Not Modelled	2.55E-02	4.38E-05	3.46E-02	4.73E-03	9.46E-04	9.46E-11	4.73E-04	1.13E-05	8.34E-06	2.32E-05	7.64E-05	4.52E-04	7.22E-06	1.63E-04	8.28E-03	7.68E-04	9.87E-03
1168	SR_207	Sensitive Receptor	Commercial	Offsite	377.128	6367.228	4.85E-02	9.72E-02	Not Modelled	2.59E-02	4.49E-05	3.52E-02	4.85E-03	9.71E-04	9.71E-11	4.86E-04	1.16E-05	8.56E-06	2.38E-05	7.84E-05	4.63E-04	7.41E-06	1.67E-04	8.50E-03	7.87E-04	1.01E-02
1169	SR_208	Sensitive Receptor	Commercial	Offsite	377.223	6367.138	5.06E-02	1.01E-01	Not Modelled	2.69E-02	4.69E-05	3.71E-02	5.06E-03	1.01E-03	1.01E-10	5.07E-04	1.21E-05	8.93E-06	2.48E-05	8.18E-05	4.84E-04	7.73E-06	1.75E-04	8.87E-03	8.22E-04	1.06E-02
1170	SR_209	Sensitive Receptor	Commercial	Offsite	377.318	6367.118	5.29E-02	1.06E-01	Not Modelled	2.79E-02	4.90E-05	3.89E-02	5.29E-03	1.06E-03	1.06E-10	5.30E-04	1.27E-05	9.33E-06	2.60E-05	8.55E-05	5.05E-04	8.08E-06	1.82E-04	9.27E-03	8.59E-04	1.10E-02
1171	SR_210	Sensitive Receptor	Commercial	Offsite	377.358	6367.001	5.32E-02	1.07E-01	Not Modelled	2.76E-02	4.93E-05	3.83E-02	5.33E-03	1.07E-03	1.07E-10	5.33E-04	1.27E-05	9.39E-06	2.61E-05	8.61E-05	5.09E-04	8.14E-06	1.84E-04	9.33E-03	8.65E-04	1.11E-02
1172	SR_211	Sensitive Receptor	Commercial	Offsite	377.376	6366.884	5.47E-02	1.10E-01	Not Modelled	2.78E-02	5.07E-05	3.80E-02	5.47E-03	1.09E-03	1.09E-10	5.48E-04	1.31E-05	9.65E-06	2.68E-05	8.84E-05	5.23E-04	8.36E-06	1.89E-04	9.58E-03	8.88E-04	1.14E-02
1173	SR_212	Sensitive Receptor	Commercial	Offsite	377.407	6366.782	5.85E-02	1.17E-01	Not Modelled	2.89E-02	5.42E-05	3.91E-02	5.85E-03	1.17E-03	1.17E-10	5.86E-04	1.40E-05	1.03E-05	2.87E-05	9.45E-05	5.59E-04	8.94E-06	2.02E-04	1.02E-02	9.50E-04	1.22E-02
1174	SR_213	Sensitive Receptor	Commercial	Offsite	377.287	6366.835	5.19E-02	1.04E-01	Not Modelled	2.64E-02	4.81E-05	3.55E-02	5.20E-03	1.04E-03	1.04E-10	5.20E-04	1.24E-05	9.16E-06	2.55E-05	8.39E-05	4.96E-04	7.93E-06	1.79E-04	9.10E-03	8.43E-04	1.08E-02
1175	SR_214	Sensitive Receptor	Commercial	Offsite	377.256	6366.904	5.03E-02	1.01E-01	Not Modelled	2.60E-02	4.66E-05	3.53E-02	5.04E-03	1.01E-03	1.01E-10	5.04E-04	1.21E-05	8.88E-06	2.47E-05	8.14E-05	4.81E-04	7.69E-06	1.74E-04	8.82E-03	8.17E-04	1.05E-02
1176	SR_215	Sensitive Receptor	Commercial	Offsite	377.234	6366.996	4.97E-02	9.97E-02	Not Modelled	2.62E-02	4.61E-05	3.58E-02	4.98E-03	9.95E-04	9.95E-11	4.98E-04	1.19E-05	8.77E-06	2.44E-05	8.04E-05	4.75E-04	7.60E-06	1.72E-04	8.71E-03	8.08E-04	1.04E-02
1177	SR_216	Sensitive Receptor	Commercial	Offsite	377.144	6366.981	4.73E-02	9.48E-02	Not Modelled	2.51E-02	4.38E-05	3.39E-02	4.74E-03	9.47E-04	9.47E-11	4.74E-04	1.13E-05	8.35E-06	2.32E-05	7.65E-05	4.52E-04	7.23E-06	1.63E-04	8.29E-03	7.68E-04	9.88E-03
1178	SR_217	Sensitive Receptor	Commercial	Offsite	377.067	6366.981	4.54E-02	9.11E-02	Not Modelled	2.43E-02	4.21E-05	3.25E-02	4.55E-03	9.09E-04	9.09E-11	4.55E-04	1.09E-05	8.02E-06	2.23E-05	7.34E-05	4.34E-04	6.94E-06	1.57E-04	7.96E-03	7.38E-04	9.49E-03
1179	SR_218	Sensitive Receptor	Commercial	Offsite	377.069	6366.882	4.50E-02	9.03E-02	Not Modelled	2.37E-02	4.17E-05	3.14E-02	4.51E-03	9.02E-04	9.02E-11	4.51E-04	1.08E-05	7.95E-06	2.21E-05	7.28E-05	4.31E-04	6.89E-06	1.55E-04	7.90E-03	7.32E-04	9.41E-03
1180	SR_219	Sensitive Receptor	Commercial	Offsite	377.137	6366.767	4.76E-02	9.54E-02	Not Modelled	2.43E-02	4.41E-05	3.19E-02	4.76E-03	9.53E-04	9.53E-11	4.77E-04	1.14E-05	8.40E-06	2.34E-05	7.69E-05	4.55E-04	7.27E-06	1.64E-04	8.34E-03	7.73E-04	9.94E-03
1181	SR_220	Sensitive Receptor	Commercial	Offsite	377.042	6366.734	4.52E-02	9.08E-02	Not Modelled	2.32E-02	4.19E-05	3.00E-02	4.53E-03	9.06E-04	9.06E-11	4.53E-04	1.08E-05	7.99E-06	2.22E-05	7.32E-05	4.33E-04	6.92E-06	1.56E-04	7.93E-03	7.35E-04	9.46E-03
1182	SR_221	Sensitive Receptor	Commercial	Offsite	376.987	6366.895	4.30E-02	8.62E-02	Not Modelled	2.27E-02	3.98E-05	2.99E-02	4.30E-03	8.61E-04	8.61E-11	4.31E-04	1.03E-05	7.59E-06	2.11E-05	6.95E-05	4.11E-04	6.57E-06	1.48E-04	7.54E-03	6.98E-04	8.98E-03
1183	SR_222	Sensitive Receptor	Commercial	Offsite	376.945	6367.001	4.27E-02	8.57E-02	Not Modelled	2.30E-02	3.96E-05	3.04E-02	4.28E-03	8.55E-04	8.55E-11	4.28E-04	1.02E-05	7.54E-06	2.10E-05	6.91E-05	4.08E-04	6.53E-06	1.47E-04	7.49E-03	6.94E-04	8.93E-03
1184	SR_223	Sensitive Receptor	Commercial	Offsite	377.095	6366.597	5.01E-02	1.01E-01	Not Modelled	2.49E-02	4.65E-05	3.17E-02	5.02E-03	1.00E-03	1.00E-10	5.03E-04	1.20E-05	8.86E-06	2.46E-05	8.11E-05	4.80E-04	7.67E-06	1.73E-04	8.80E-03	8.15E-04	1.05E-02
1185	SR_224	Sensitive Receptor	Commercial	Offsite	377.243	6366.628	5.51E-02	1.11E-01	Not Modelled	2.69E-02	5.11E-05	3.49E-02	5.52E-03	1.10E-03	1.10E-10	5.52E-04	1.32E-05	9.73E-06	2.71E-05	8.91E-05	5.27E-04	8.42E-06	1.90E-04	9.66E-03	8.95E-04	1.15E-02
1186	SR_225	Sensitive Receptor	Commercial	Offsite	377.131	6366.425	5.61E-02	1.13E-01	Not Modelled	2.69E-02	5.20E-05	3.33E-02	5.62E-03	1.12E-03	1.12E-10	5.62E-04	1.34E-05	9.91E-06	2.76E-05	9.07E-05	5.36E-04	8.58E-06	1.94E-04	9.84E-03	9.12E-04	1.17E-02
1187	SR_226	Sensitive Receptor	Commercial	Offsite	377.248	6366.469	6.05E-02	1.22E-01	Not Modelled	2.89E-02	5.62E-05	3.64E-02	6.07E-03	1.21E-03	1.21E-10	6.07E-04	1.45E-05	1.07E-05	2.98E-05	9.80E-05	5.79E-04	9.26E-06	2.09E-04	1.06E-02	9.84E-04	1.27E-02
1188	SR_227	Sensitive Receptor	Commercial	Offsite	377.219	6366.182	6.12E-02	1.23E-01	Not Modelled	2.92E-02	5.67E-05	3.42E-02	6.13E-03	1.23E-03	1.23E-10	6.13E-04	1.47E-05	1.08E-05	3.01E-05	9.90E-05	5.85E-04	9.36E-06	2.11E-04	1.07E-02	9.95E-04	1.28E-02
1189	SR_228	Sensitive Receptor	Commercial	Offsite	377.285	6366.206	6.34E-02	1.27E-01	Not Modelled	3.03E-02	5.88E-05	3.57E-02	6.36E-03	1.27E-03	1.27E-10	6.36E-04	1.52E-05	1.12E-05	3.12E-05	1.03E-04	6.07E-04	9.70E-06	2.19E-04	1.11E-02	1.03E-03	1.33E-02
1190	SR_229	Sensitive Receptor	Commercial	Offsite	377.179	6366.281	5.97E-02	1.20E-01	Not Modelled	2.83E-02	5.54E-05	3.38E-02	5.98E-03	1.20E-03	1.20E-10	5.98E-04	1.43E-05	1.05E-05	2.93E-05	9.66E-05	5.71E-04	9.13E-06	2.06E-04	1.05E-02	9.70E-04	1.25E-02
1191	SR_230	Sensitive Receptor	Commercial	Offsite	377.281	6366.326	6.31E-02	1.27E-01	Not Modelled	2.97E-02	5.85E-05	3.61E-02	6.32E-03	1.26E-03	1.26E-10	6.32E-04	1.51E-05	1.11E-05	3.10E-05	1.02E-04	6.03E-04	9.65E-06	2.18E-04	1.11E-02	1.03E-03	1.32E-02
1192	SR_231	Sensitive Receptor	Commercial	Offsite	377.760	6364.849	2.44E-02	4.90E-02	Not Modelled	1.40E-02	2.26E-05	1.35E-02	2.44E-03	4.89E-04	4.89E-11	2.45E-04	5.85E-06	4.31E-06	1.20E-05	3.95E-05	2.33E-04	3.73E-06	8.42E-05	4.28E-03	3.97E-04	5.10E-03
1193	SR_232	Sensitive Receptor	Commercial	Offsite	377.693	6364.940	2.67E-02	5.37E-02	Not Modelled	1.53E-02	2.48E-05	1.49E-02	2.68E-03	5.35E-04	5.35E-11	2.68E-04	6.40E-06	4.72E-06	1.31E-05	4.32E-05	2.56E-04	4.09E-06	9.23E-05	4.69E-03	4.34E-04	5.59E-03
1194	SR_233	Sensitive Receptor	Commercial	Offsite	378.963	6368.005	2.31E-01	4.62E-01	Not Modelled	1.32E-01	2.14E-04	2.11E-01	2.31E-02	4.62E-03	4.62E-10	2.31E-03	5.53E-05	4.07E-05	1.13E-04	3.73E-04	2.21E-03	3.53E-05	7.97E-04	4.05E-02	3.75E-03	4.82E-02
1195	SR_234	Sensitive Receptor	Commercial	Offsite	378.908	6368.061	1.96E-01	3.93E-01	Not Modelled	1.13E-01	1.82E-04	1.77E-01	1.96E-02	3.93E-03	3.93E-10	1.97E-03	4.70E-05	3.46E-05	9.63E-05	3.17E-04	1.88E-03	3.00E-05	6.77E-04	3.44E-02	3.19E-03	4.10E-02
1196	SR_235	Sensitive Receptor	Commercial	Offsite	378.876	6368.011	2.01E-01	4.02E-01	Not Modelled	1.13E-01	1.86E-04	1.80E-01	2.01E-02	4.02E-03	4.02E-10	2.01E-03	4.81E-05	3.54E-05	9.85E-05	3.24E-04	1.92E-03	3.07E-05	6.93E-04	3.52E-02	3.26E-03	4.19E-02
1197	SR_236	Sensitive Receptor	Commercial	Offsite	378.827	6368.073	1.76E-01	3.53E-01	Not Modelled	1.01E-01	1.63E-04	1.56E-01	1.76E-02	3.53E-03	3.53E-10	1.76E-03	4.22E-05	3.11E-05	8.65E-05	2.85E-04	1.68E-03	2.69E-05	6.08E-04	3.09E-02	2.86E-03	3.68E-02
1198	SR_237	Sensitive Receptor	Commercial	Offsite	378.885	6367.927	2.22E-01	4.44E-01	Not Modelled	1.21E-01	2.05E-04	1.97E-01	2.22E-02	4.44E-03	4.44E-10	2.22E-03	5.31E-05	3.91E-05	1.09E-04	3.59E-04	2.12E-03	3.39E-05	7.65E-04	3.89E-02	3.60E-03	4.63E-02
1199	SR_238	Sensitive Receptor	Commercial	Offsite	378.806	6367.885	2.03E-01	4.05E-01	Not Modelled	1.09E-01	1.87E-04	1.78E-01	2.03E-02	4.05E-03	4.05E-10	2.03E-03	4.85E-05	3.57E-05	9.93E-05	3.27E-04	1.93E-03	3.09E-05	6.98E-04	3.55E-02	3.29E-03	4.23E-02
1200	SR_239	Sensitive Receptor	Commercial	Offsite	378.751	6367.935	1.79E-01	3.59E-01	Not Modelled	9.69E-02	1.66E-04	1.55E-01	1.79E-02	3.59E-03	3.59E-10	1.79E-03	4.29E-05	3.16E-05	8.80E-05	2.90E-04	1.71E-03	2.74E-05	6.18E-04	3.14E-02	2.91E-03	3.74E-02
1201	SR_240	Sensitive Receptor	Commercial	Offsite	378.717	6367.969	1.68E-01	3.37E-01	Not Modelled	9.17E-02	1.56E-04	1.45E-01	1.68E-02	3.36E-03	3.36E-10	1.68E-03	4.02E-05	2.96E-05	8.25E-05	2.72E-04	1.61E-03	2.57E-05	5.80E-04	2.94E-02	2.73E-03	3.51E-02
1202	SR_241	Sensitive Receptor	Commercial	Offsite	378.680	6368.002	1.58E-01	3.17E-01	Not Modelled	8.73E-02	1.47E-04	1.37E-01	1.58E-02	3.17E-03	3.17E-10	1.58E-03	3.79E-05	2.79E-05	7.77E-05	2.56E-04	1.51E-03	2.42E-05	5.46E-04	2.77E-02	2.57E-03	3.30E-02
1203	SR_242	Sensitive Receptor	Commercial	Offsite	378.651	6368.026	1.51E-01	3.03E-01	Not Modelled	8.41E-02	1.40E-04	1.30E-01	1.51E-02	3.02E-03	3.02E-10	1.51E-03	3.62E-05	2.67E-05	7.42E-05	2.44E-04	1.44E-03	2.31E-05	5.21E-04	2.65E-02	2.45E-03	3.16E-02
1204	SR_243	Sensitive Receptor	Commercial	Offsite	378.609	6368.052	1.42E-01	2.84E-01	Not Modelled	7.92E-02	1.31E-04	1.21E-01	1.42E-02	2.83E-03	2.83E-10	1.42E-03	3.39E-05	2.50E-05	6.95E-05	2.29E-04	1.35E-03	2.16E-05	4.89E-04	2.48E-02	2.30E-03	2.96E-02
1205	SR_244	Sensitive Receptor	Commercial	Offsite	378.562	6368.079	1.32E-01	2.63E-01	Not Modelled	7.37E-02	1.22E-04	1.11E-01	1.32E-02	2.63E-03	2.63E-10	1.32E-03	3.15E-05	2.32E-05	6.46E-05	2.13E-04	1.26E-03	2.01E-05	4.54E-04	2.30E-02	2.14E-03	2.75E-02
1206	SR_245	Sensitive Receptor	Commercial	Offsite	378.522	6368.107	1.24E-01	2.48E-01	Not Modelled	6.96E-02	1.15E-04	1.04E-01	1.24E-02	2.47E-03	2.47E-10	1.24E-03	2.96E-05	2.18E-05	6.07E-05	2.00E-04	1.18E-03	1.89E-05	4.27E-04	2.17E-02	2.01E-03	2.58E-02
1207	SR_246	Sensitive Receptor	Commercial	Offsite	378.485	6368.131	1.18E-01	2.36E-01	Not Modelled	6.69E-02	1.09E-04	9.89E-02	1.18E-02	2.36E-03	2.36E-10	1.18E-03	2.82E-05	2.08E-05	5.79E-05	1.91E-04	1.13E-03	1.80E-05	4.07E-04	2.07E-02	1.91E-03	2.46E-02
1208	SR_247	Sensitive Receptor	Commercial	Offsite	378.426	6368.163	1.10E-01	2.21E-01	Not Modelled	6.30E-02	1.02E-04	9.18E-02	1.10E-02	2.21E-03	2.21E-10	1.10E-03	2.64E-05	1.94E-05	5.41E-05	1.78E-04	1.05E-03	1.68E-05	3.80E-04	1.93E-02	1.79E-03	2.30E-02
1209	SR_248	Sensitive Receptor	Commercial	Offsite	378.706	6367.825	1.78E-01	3.56E-01	Not Modelled	9.47E-02	1.65E-04	1.55E-01	1.78E-02	3.56E-03	3.56E-10	1.78E-03	4.26E-05	3.14E-05	8.72E-05	2.87E-04	1.70E-03	2.72E-05	6.13E-04	3.11E-02	2.89E-03	3.71E-02
1210	SR_249	Sensitive Receptor	Commercial	Offsite	378.648	6367.866	1.61E-01	3.22E-01	Not Modelled	8.63E-02	1.49E-04	1.39E-01	1.61E-02	3.22E-03	3.22E-10	1.61E-03	3.85E-05	2.84E-05	7.89E-05	2.60E-04	1.54E-03	2.46E-05	5.54E-04	2.82E-02	2.61E-03	3.36E-02
1211	SR_250	Sensitive Receptor	Commercial	Offsite	378.609	6367.896	1.52E-01	3.04E-01	Not Modelled	8.23E-02	1.41E-04	1.31E-01	1.52E-02	3.04E-03	3.04E-10	1.52E-03	3.63E-05	2.68E-05	7.45E-05	2.45E-04	1.45E-03	2.32E-05	5.23E-04	2.66E-02	2.46E-03	3.17E-02
1212	SR_251	Sensitive Receptor	Commercial	Offsite	378.585	6367.921	1.46E-01	2.92E-01	Not Modelled	7.93E-02	1.35E-04	1.25E-01	1.46E-02	2.91E-03	2.91E-10	1.46E-03	3.49E-05	2.57E-05	7.15E-05	2.35E-04	1.39E-03	2.23E-05	5.02E-04	2.55E-02	2.36E-03	3.04E-02
1213	SR_252	Sensitive Receptor	Commercial	Offsite	378.554	6367.945	1.39E-01	2.79E-01	Not Modelled	7.63E-02	1.29E-04	1.19E-01	1.39E-02	2.79E-03	2.79E-10	1.40E-03	3.34E-05	2.46E-05	6.84E-05	2.25E-04	1.33E-03	2.13E-05	4.81E-04	2.44E-02	2.26E-03	2.91E-02
1214	SR_253	Sensitive Receptor	Commercial	Offsite	378.502	6367.981	1.30E-01	2.59E-01	Not Modelled	7.13E-02	1.20E-04	1.10E-01	1.30E-02	2.59E-03	2.59E-10	1.30E-03	3.10E-05	2.29E-05	6.36E-05	2.09E-04	1.24E-03	1.98E-05	4.47E-04	2.27E-02	2.10E-03	2.71E-02
1215	SR_254	Sensitive Receptor	Commercial	Offsite	378.422	6367.937	1.20E-01	2.41E-01	Not Modelled	6.64E-02	1.11E-04	1.02E-01	1.20E-02	2.41E-03	2.41E-10	1.20E-03	2.88E-05	2.12E-05	5.91E-05	1.94E-04	1.15E-03	1.84E-05	4.15E-04	2.11E-02	1.95E-03	2.51E-02
1216	SR_255	Sensitive Receptor	Commercial	Offsite	378.460	6367.909	1.27E-01	2.54E-01	Not Modelled	6.95E-02	1.17E-04	1.08E-01	1.27E-02	2.53E-03	2.53E-10	1.27E-03	3.03E-05	2.23E-05	6.22E-05	2.05E-04	1.21E-03	1.94E-05	4.37E-04	2.22E-02	2.06E-03	2.65E-02
1217	SR_256	Sensitive Receptor	Commercial	Offsite	378.501	6367.879	1.33E-01	2.67E-01	Not Modelled	7.28E-02	1.24E-04	1.14E-01	1.33E-02	2.67E-03	2.67E-10	1.34E-03	3.19E-05	2.35E-05	6.55E-05	2.16E-04	1.27E-03	2.04E-05	4.60E-04	2.34E-02	2.17E-03	2.79E-02
1218	SR_257	Sensitive Receptor	Commercial	Offsite	378.536	6367.846	1.41E-01	2.82E-01	Not Modelled	7.67E-02	1.31E-04	1.22E-01	1.41E-02	2.82E-03	2.82E-10	1.41E-03	3.38E-05	2.49E-05	6.92E-05	2.28E-04	1.35E-03	2.15E-05	4.86E-04	2.47E-02	2.29E-03	2.94E-02
1219	SR_258	Sensitive Receptor	Commercial	Offsite	378.569	6367.806	1.49E-01	2.99E-01	Not Modelled	8.10E-02	1.38E-04	1.30E-01	1.49E-02	2.99E-03	2.99E-10	1.49E-03	3.57E-05	2.63E-05	7.32E-05	2.41E-04	1.43E-03	2.28E-05	5.15E-04	2.61E-02	2.42E-03	3.12E-02
1220	SR_259	Sensitive Receptor	Commercial	Offsite	378.637	6367.804	1.64E-01	3.27E-01	Not Modelled	8.80E-02	1.51E-04	1.43E-01	1.64E-02	3.27E-03	3.27E-10	1.64E-03	3.91E-05	2.88E-05	8.02E-05	2.64E-04	1.56E-03	2.50E-05	5.64E-04	2.86E-02	2.65E-03	3.41E-02
1221	SR_260	Sensitive Receptor	Commercial	Offsite	378.485	6367.804	1.34E-01	2.69E-01	Not Modelled	7.34E-02	1.24E-04	1.17E-01	1.34E-02	2.69E-03	2.69E-10	1.35E-03	3.22E-05	2.37E-05	6.59E-05	2.17E-04	1.28E-03	2.05E-05	4.64E-04	2.35E-02	2.18E-03	2.81E-02
1222	SR_261	Sensitive Receptor	Commercial	Offsite	378.452	6367.770	1.31E-01	2.63E-01	Not Modelled	7.20E-02	1.21E-04	1.14E-01	1.31E-02	2.62E-03	2.62E-10	1.31E-03	3.14E-05	2.31E-05	6.44E-05	2.12E-04	1.25E-03	2.00E-05	4.53E-04	2.30E-02	2.13E-03	2.74E-02
1223	SR_262	Sensitive Receptor	Commercial	Offsite	378.397	6367.821	1.21E-01	2.42E-01	Not Modelled	6.67E-02	1.12E-04	1.04E-01	1.21E-02	2.42E-03	2.42E-10	1.21E-03	2.90E-05	2.14E-05	5.94E-05	1.96E-04	1.16E-03	1.85E-05	4.18E-04	2.12E-02	1.97E-03	2.53E-02
1224	SR_263	Sensitive Receptor	Commercial	Offsite	378.331	6367.882	1.11E-01	2.22E-01	Not Modelled	6.12E-02	1.02E-04	9.38E-02	1.11E-02	2.21E-03	2.21E-10	1.11E-03	2.65E-05	1.95E-05	5.43E-05	1.79E-04	1.06E-03	1.69E-05	3.82E-04	1.94E-02	1.80E-03	2.31E-02
1225	SR_264	Sensitive Receptor	Commercial	Offsite	378.242	6368.021	9.86E-02	1.97E-01	Not Modelled	5.52E-02	9.12E-05	8.14E-02	9.86E-03	1.97E-03	1.97E-10	9.86E-04	2.36E-05	1.74E-05	4.83E-05	1.59E-04	9.41E-04	1.51E-05	3.40E-04	1.73E-02	1.60E-03	2.06E-02

AQIA DATA - SCENARIO 2 GRID MAX

Annual Average Pollutant Concentration (µg/m3) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**4.73E-09**	**2.37E-02**	**5.66E-04**	**4.17E-04**	**1.16E-03**	**3.82E-03**	**2.26E-02**	**3.61E-04**	**8.15E-03**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1226	SR_265	Sensitive Receptor	Commercial	Offsite	378.195	6368.099	9.30E-02	1.86E-01	Not Modelled	5.26E-02	8.61E-05	7.58E-02	9.30E-03	1.86E-03	1.86E-10	9.30E-04	2.23E-05	1.64E-05	4.56E-05	1.50E-04	8.88E-04	1.42E-05	3.21E-04	1.63E-02	1.51E-03	1.94E-02
1227	SR_266	Sensitive Receptor	Commercial	Offsite	378.346	6368.095	1.05E-01	2.11E-01	Not Modelled	5.92E-02	9.76E-05	8.69E-02	1.05E-02	2.11E-03	2.11E-10	1.06E-03	2.52E-05	1.86E-05	5.17E-05	1.70E-04	1.01E-03	1.61E-05	3.64E-04	1.85E-02	1.71E-03	2.20E-02
1228	SR_267	Sensitive Receptor	Commercial	Offsite	377.340	6365.871	5.69E-02	1.14E-01	Not Modelled	2.91E-02	5.28E-05	3.19E-02	5.70E-03	1.14E-03	1.14E-10	5.70E-04	1.36E-05	1.00E-05	2.80E-05	9.21E-05	5.44E-04	8.70E-06	1.96E-04	9.98E-03	9.25E-04	1.19E-02
1229	SR_268	Sensitive Receptor	Commercial	Offsite	377.340	6365.806	5.49E-02	1.10E-01	Not Modelled	2.85E-02	5.10E-05	3.08E-02	5.51E-03	1.10E-03	1.10E-10	5.51E-04	1.32E-05	9.70E-06	2.70E-05	8.89E-05	5.26E-04	8.40E-06	1.90E-04	9.64E-03	8.93E-04	1.15E-02
1230	SR_269	Sensitive Receptor	Commercial	Offsite	379.950	6370.344	3.05E-02	6.11E-02	Not Modelled	1.70E-02	2.82E-05	1.80E-02	3.05E-03	6.10E-04	6.10E-11	3.05E-04	7.29E-06	5.37E-06	1.50E-05	4.92E-05	2.91E-04	4.65E-06	1.05E-04	5.34E-03	4.95E-04	6.36E-03
1231	SR_270	Sensitive Receptor	Commercial	Offsite	376.746	6366.522	4.30E-02	8.63E-02	Not Modelled	2.21E-02	3.99E-05	2.71E-02	4.31E-03	8.62E-04	8.62E-11	4.31E-04	1.03E-05	7.60E-06	2.11E-05	6.96E-05	4.11E-04	6.58E-06	1.49E-04	7.54E-03	6.99E-04	8.99E-03
1232	SR_271	Sensitive Receptor	Residential	Offsite	378.837	6368.740	1.27E-01	2.53E-01	Not Modelled	7.44E-02	1.17E-04	9.70E-02	1.27E-02	2.53E-03	2.53E-10	1.27E-03	3.03E-05	2.23E-05	6.21E-05	2.04E-04	1.21E-03	1.93E-05	4.36E-04	2.22E-02	2.05E-03	2.64E-02
1233	SR_272	Sensitive Receptor	Residential	Offsite	378.134	6368.193	8.63E-02	1.73E-01	Not Modelled	4.95E-02	7.99E-05	6.94E-02	8.63E-03	1.73E-03	1.73E-10	8.64E-04	2.07E-05	1.52E-05	4.23E-05	1.39E-04	8.24E-04	1.32E-05	2.98E-04	1.51E-02	1.40E-03	1.80E-02
1234	SR_273	Sensitive Receptor	Residential	Offsite	378.115	6367.996	8.90E-02	1.78E-01	Not Modelled	5.01E-02	8.24E-05	7.29E-02	8.90E-03	1.78E-03	1.78E-10	8.91E-04	2.13E-05	1.57E-05	4.37E-05	1.44E-04	8.50E-04	1.36E-05	3.07E-04	1.56E-02	1.44E-03	1.86E-02
1235	SR_274	Sensitive Receptor	Residential	Offsite	378.143	6367.950	9.18E-02	1.84E-01	Not Modelled	5.15E-02	8.49E-05	7.59E-02	9.18E-03	1.84E-03	1.84E-10	9.18E-04	2.20E-05	1.62E-05	4.50E-05	1.48E-04	8.77E-04	1.40E-05	3.16E-04	1.61E-02	1.49E-03	1.92E-02
1236	SR_275	Sensitive Receptor	Residential	Offsite	378.169	6367.907	9.45E-02	1.89E-01	Not Modelled	5.29E-02	8.75E-05	7.88E-02	9.46E-03	1.89E-03	1.89E-10	9.46E-04	2.26E-05	1.67E-05	4.64E-05	1.53E-04	9.03E-04	1.44E-05	3.26E-04	1.66E-02	1.53E-03	1.97E-02
1237	SR_276	Sensitive Receptor	Residential	Offsite	378.185	6367.877	9.66E-02	1.93E-01	Not Modelled	5.40E-02	8.94E-05	8.10E-02	9.66E-03	1.93E-03	1.93E-10	9.67E-04	2.31E-05	1.70E-05	4.74E-05	1.56E-04	9.23E-04	1.48E-05	3.33E-04	1.69E-02	1.57E-03	2.02E-02
1238	SR_277	Sensitive Receptor	Residential	Offsite	378.200	6367.850	9.83E-02	1.97E-01	Not Modelled	5.48E-02	9.10E-05	8.27E-02	9.83E-03	1.97E-03	1.97E-10	9.84E-04	2.35E-05	1.73E-05	4.82E-05	1.59E-04	9.39E-04	1.50E-05	3.39E-04	1.72E-02	1.60E-03	2.05E-02
1239	SR_278	Sensitive Receptor	Residential	Offsite	378.097	6367.941	8.87E-02	1.78E-01	Not Modelled	4.99E-02	8.21E-05	7.31E-02	8.87E-03	1.77E-03	1.77E-10	8.87E-04	2.12E-05	1.56E-05	4.35E-05	1.43E-04	8.47E-04	1.35E-05	3.06E-04	1.55E-02	1.44E-03	1.85E-02
1240	SR_279	Sensitive Receptor	Residential	Offsite	378.081	6367.889	8.79E-02	1.76E-01	Not Modelled	4.93E-02	8.13E-05	7.26E-02	8.79E-03	1.76E-03	1.76E-10	8.79E-04	2.10E-05	1.55E-05	4.31E-05	1.42E-04	8.39E-04	1.34E-05	3.03E-04	1.54E-02	1.43E-03	1.83E-02
1241	SR_280	Sensitive Receptor	Residential	Offsite	378.069	6367.843	8.69E-02	1.74E-01	Not Modelled	4.85E-02	8.04E-05	7.17E-02	8.69E-03	1.74E-03	1.74E-10	8.70E-04	2.08E-05	1.53E-05	4.26E-05	1.40E-04	8.30E-04	1.33E-05	3.00E-04	1.52E-02	1.41E-03	1.81E-02
1242	SR_281	Sensitive Receptor	Residential	Offsite	378.056	6367.797	8.63E-02	1.73E-01	Not Modelled	4.79E-02	7.98E-05	7.12E-02	8.63E-03	1.73E-03	1.73E-10	8.63E-04	2.06E-05	1.52E-05	4.23E-05	1.39E-04	8.24E-04	1.32E-05	2.97E-04	1.51E-02	1.40E-03	1.80E-02
1243	SR_282	Sensitive Receptor	Residential	Offsite	378.122	6367.917	9.07E-02	1.82E-01	Not Modelled	5.09E-02	8.40E-05	7.51E-02	9.07E-03	1.81E-03	1.81E-10	9.08E-04	2.17E-05	1.60E-05	4.45E-05	1.47E-04	8.66E-04	1.39E-05	3.13E-04	1.59E-02	1.47E-03	1.89E-02
1244	SR_283	Sensitive Receptor	Residential	Offsite	378.110	6367.883	8.99E-02	1.80E-01	Not Modelled	5.03E-02	8.33E-05	7.45E-02	9.00E-03	1.80E-03	1.80E-10	9.00E-04	2.15E-05	1.59E-05	4.41E-05	1.45E-04	8.59E-04	1.37E-05	3.10E-04	1.58E-02	1.46E-03	1.88E-02
1245	SR_284	Sensitive Receptor	Residential	Offsite	378.098	6367.845	8.90E-02	1.78E-01	Not Modelled	4.96E-02	8.24E-05	7.37E-02	8.90E-03	1.78E-03	1.78E-10	8.91E-04	2.13E-05	1.57E-05	4.37E-05	1.44E-04	8.50E-04	1.36E-05	3.07E-04	1.56E-02	1.44E-03	1.86E-02
1246	SR_285	Sensitive Receptor	Residential	Offsite	378.087	6367.803	8.85E-02	1.77E-01	Not Modelled	4.92E-02	8.19E-05	7.33E-02	8.85E-03	1.77E-03	1.77E-10	8.86E-04	2.12E-05	1.56E-05	4.34E-05	1.43E-04	8.45E-04	1.35E-05	3.05E-04	1.55E-02	1.44E-03	1.85E-02
1247	SR_286	Sensitive Receptor	Residential	Offsite	378.145	6367.872	9.29E-02	1.86E-01	Not Modelled	5.19E-02	8.60E-05	7.74E-02	9.30E-03	1.86E-03	1.86E-10	9.30E-04	2.22E-05	1.64E-05	4.56E-05	1.50E-04	8.88E-04	1.42E-05	3.20E-04	1.63E-02	1.51E-03	1.94E-02
1248	SR_287	Sensitive Receptor	Residential	Offsite	378.132	6367.836	9.21E-02	1.84E-01	Not Modelled	5.13E-02	8.52E-05	7.68E-02	9.21E-03	1.84E-03	1.84E-10	9.21E-04	2.20E-05	1.62E-05	4.52E-05	1.49E-04	8.79E-04	1.41E-05	3.18E-04	1.61E-02	1.49E-03	1.92E-02
1249	SR_288	Sensitive Receptor	Residential	Offsite	378.122	6367.798	9.19E-02	1.84E-01	Not Modelled	5.12E-02	8.51E-05	7.68E-02	9.19E-03	1.84E-03	1.84E-10	9.20E-04	2.20E-05	1.62E-05	4.51E-05	1.48E-04	8.78E-04	1.40E-05	3.17E-04	1.61E-02	1.49E-03	1.92E-02
1250	SR_289	Sensitive Receptor	Residential	Offsite	378.165	6367.846	9.51E-02	1.90E-01	Not Modelled	5.31E-02	8.80E-05	7.97E-02	9.51E-03	1.90E-03	1.90E-10	9.52E-04	2.28E-05	1.68E-05	4.67E-05	1.54E-04	9.08E-04	1.45E-05	3.28E-04	1.67E-02	1.54E-03	1.99E-02
1251	SR_290	Sensitive Receptor	Residential	Offsite	378.155	6367.814	9.44E-02	1.89E-01	Not Modelled	5.26E-02	8.74E-05	7.92E-02	9.45E-03	1.89E-03	1.89E-10	9.45E-04	2.26E-05	1.67E-05	4.63E-05	1.53E-04	9.02E-04	1.44E-05	3.26E-04	1.65E-02	1.53E-03	1.97E-02
1252	SR_291	Sensitive Receptor	Residential	Offsite	378.145	6367.779	9.42E-02	1.89E-01	Not Modelled	5.24E-02	8.72E-05	7.91E-02	9.43E-03	1.88E-03	1.88E-10	9.43E-04	2.26E-05	1.66E-05	4.62E-05	1.52E-04	9.00E-04	1.44E-05	3.25E-04	1.65E-02	1.53E-03	1.97E-02
1253	SR_292	Sensitive Receptor	Residential	Offsite	378.131	6367.743	9.35E-02	1.87E-01	Not Modelled	5.18E-02	8.65E-05	7.84E-02	9.35E-03	1.87E-03	1.87E-10	9.35E-04	2.24E-05	1.65E-05	4.59E-05	1.51E-04	8.93E-04	1.43E-05	3.22E-04	1.64E-02	1.52E-03	1.95E-02
1254	SR_293	Sensitive Receptor	Residential	Offsite	378.180	6367.783	9.73E-02	1.95E-01	Not Modelled	5.40E-02	9.00E-05	8.20E-02	9.73E-03	1.95E-03	1.95E-10	9.73E-04	2.33E-05	1.72E-05	4.77E-05	1.57E-04	9.29E-04	1.49E-05	3.35E-04	1.70E-02	1.58E-03	2.03E-02
1255	SR_294	Sensitive Receptor	Residential	Offsite	378.169	6367.748	9.65E-02	1.93E-01	Not Modelled	5.33E-02	8.93E-05	8.12E-02	9.65E-03	1.93E-03	1.93E-10	9.65E-04	2.31E-05	1.70E-05	4.73E-05	1.56E-04	9.21E-04	1.47E-05	3.33E-04	1.69E-02	1.57E-03	2.01E-02
1256	SR_295	Sensitive Receptor	Residential	Offsite	378.204	6367.755	1.00E-01	2.00E-01	Not Modelled	5.53E-02	9.25E-05	8.46E-02	1.00E-02	2.00E-03	2.00E-10	1.00E-03	2.39E-05	1.76E-05	4.90E-05	1.62E-04	9.55E-04	1.53E-05	3.45E-04	1.75E-02	1.62E-03	2.09E-02
1257	SR_296	Sensitive Receptor	Residential	Offsite	378.195	6367.730	9.91E-02	1.98E-01	Not Modelled	5.45E-02	9.17E-05	8.35E-02	9.91E-03	1.98E-03	1.98E-10	9.91E-04	2.37E-05	1.75E-05	4.86E-05	1.60E-04	9.46E-04	1.51E-05	3.42E-04	1.73E-02	1.61E-03	2.07E-02
1258	SR_297	Sensitive Receptor	Residential	Offsite	378.221	6367.722	1.02E-01	2.04E-01	Not Modelled	5.62E-02	9.44E-05	8.65E-02	1.02E-02	2.04E-03	2.04E-10	1.02E-03	2.44E-05	1.80E-05	5.01E-05	1.65E-04	9.75E-04	1.56E-05	3.52E-04	1.79E-02	1.66E-03	2.13E-02
1259	SR_298	Sensitive Receptor	Residential	Offsite	381.618	6366.961	2.16E-01	4.32E-01	Not Modelled	9.11E-02	2.00E-04	1.22E-01	2.16E-02	4.32E-03	4.32E-10	2.16E-03	5.17E-05	3.81E-05	1.06E-04	3.49E-04	2.06E-03	3.30E-05	7.45E-04	3.78E-02	3.50E-03	4.51E-02
1260	SR_299	Sensitive Receptor	Residential	Offsite	379.929	6366.674	1.77E-01	3.55E-01	Not Modelled	7.00E-02	1.64E-04	1.13E-01	1.77E-02	3.55E-03	3.55E-10	1.77E-03	4.25E-05	3.13E-05	8.70E-05	2.87E-04	1.69E-03	2.71E-05	6.12E-04	3.11E-02	2.88E-03	3.70E-02
1261	SR_300	Sensitive Receptor	Residential	Offsite	379.964	6366.659	1.79E-01	3.58E-01	Not Modelled	7.00E-02	1.66E-04	1.12E-01	1.79E-02	3.58E-03	3.58E-10	1.79E-03	4.28E-05	3.16E-05	8.78E-05	2.89E-04	1.71E-03	2.73E-05	6.17E-04	3.14E-02	2.90E-03	3.74E-02
1262	SR_301	Sensitive Receptor	Residential	Offsite	379.914	6366.612	1.48E-01	2.96E-01	Not Modelled	5.87E-02	1.37E-04	9.34E-02	1.48E-02	2.96E-03	2.96E-10	1.48E-03	3.54E-05	2.61E-05	7.27E-05	2.39E-04	1.41E-03	2.26E-05	5.11E-04	2.59E-02	2.40E-03	3.09E-02
1263	SR_302	Sensitive Receptor	Residential	Offsite	379.954	6366.593	1.49E-01	2.98E-01	Not Modelled	5.84E-02	1.38E-04	9.20E-02	1.49E-02	2.97E-03	2.97E-10	1.49E-03	3.56E-05	2.62E-05	7.29E-05	2.40E-04	1.42E-03	2.27E-05	5.13E-04	2.60E-02	2.41E-03	3.10E-02
1264	SR_303	Sensitive Receptor	Residential	Offsite	377.335	6366.729	5.60E-02	1.12E-01	Not Modelled	2.76E-02	5.19E-05	3.66E-02	5.61E-03	1.12E-03	1.12E-10	5.61E-04	1.34E-05	9.89E-06	2.75E-05	9.06E-05	5.36E-04	8.56E-06	1.93E-04	9.82E-03	9.10E-04	1.17E-02
1265	SR_304	Sensitive Receptor	Residential	Offsite	377.341	6366.701	5.71E-02	1.15E-01	Not Modelled	2.79E-02	5.29E-05	3.69E-02	5.72E-03	1.14E-03	1.14E-10	5.72E-04	1.37E-05	1.01E-05	2.80E-05	9.23E-05	5.46E-04	8.73E-06	1.97E-04	1.00E-02	9.28E-04	1.19E-02
1266	SR_305	Sensitive Receptor	Residential	Offsite	377.348	6366.669	5.87E-02	1.18E-01	Not Modelled	2.85E-02	5.44E-05	3.75E-02	5.88E-03	1.18E-03	1.18E-10	5.88E-04	1.41E-05	1.04E-05	2.88E-05	9.50E-05	5.61E-04	8.98E-06	2.03E-04	1.03E-02	9.54E-04	1.23E-02
1267	SR_306	Sensitive Receptor	Residential	Offsite	377.354	6366.640	6.02E-02	1.21E-01	Not Modelled	2.90E-02	5.58E-05	3.81E-02	6.03E-03	1.21E-03	1.21E-10	6.03E-04	1.44E-05	1.06E-05	2.96E-05	9.74E-05	5.76E-04	9.21E-06	2.08E-04	1.06E-02	9.79E-04	1.26E-02
1268	SR_307	Sensitive Receptor	Residential	Offsite	377.357	6366.612	6.16E-02	1.24E-01	Not Modelled	2.96E-02	5.71E-05	3.86E-02	6.17E-03	1.23E-03	1.23E-10	6.17E-04	1.48E-05	1.09E-05	3.03E-05	9.97E-05	5.89E-04	9.42E-06	2.13E-04	1.08E-02	1.00E-03	1.29E-02
1269	SR_308	Sensitive Receptor	Residential	Offsite	377.359	6366.584	6.30E-02	1.26E-01	Not Modelled	3.01E-02	5.84E-05	3.91E-02	6.31E-03	1.26E-03	1.26E-10	6.31E-04	1.51E-05	1.11E-05	3.09E-05	1.02E-04	6.02E-04	9.63E-06	2.17E-04	1.10E-02	1.02E-03	1.32E-02
1270	SR_309	Sensitive Receptor	Residential	Offsite	377.356	6366.526	6.48E-02	1.30E-01	Not Modelled	3.08E-02	6.01E-05	3.95E-02	6.49E-03	1.30E-03	1.30E-10	6.50E-04	1.55E-05	1.14E-05	3.18E-05	1.05E-04	6.20E-04	9.91E-06	2.24E-04	1.14E-02	1.05E-03	1.36E-02
1271	SR_310	Sensitive Receptor	Residential	Offsite	377.355	6366.500	6.54E-02	1.31E-01	Not Modelled	3.10E-02	6.07E-05	3.95E-02	6.56E-03	1.31E-03	1.31E-10	6.56E-04	1.57E-05	1.16E-05	3.22E-05	1.06E-04	6.26E-04	1.00E-05	2.26E-04	1.15E-02	1.06E-03	1.37E-02
1272	SR_311	Sensitive Receptor	Residential	Offsite	377.355	6366.474	6.59E-02	1.32E-01	Not Modelled	3.12E-02	6.11E-05	3.95E-02	6.61E-03	1.32E-03	1.32E-10	6.61E-04	1.58E-05	1.16E-05	3.24E-05	1.07E-04	6.31E-04	1.01E-05	2.28E-04	1.16E-02	1.07E-03	1.38E-02
1273	SR_312	Sensitive Receptor	Residential	Offsite	377.353	6366.444	6.62E-02	1.33E-01	Not Modelled	3.12E-02	6.14E-05	3.93E-02	6.64E-03	1.33E-03	1.33E-10	6.64E-04	1.59E-05	1.17E-05	3.26E-05	1.07E-04	6.34E-04	1.01E-05	2.29E-04	1.16E-02	1.08E-03	1.39E-02
1274	SR_313	Sensitive Receptor	Residential	Offsite	377.352	6366.418	6.64E-02	1.33E-01	Not Modelled	3.13E-02	6.16E-05	3.90E-02	6.65E-03	1.33E-03	1.33E-10	6.65E-04	1.59E-05	1.17E-05	3.26E-05	1.07E-04	6.35E-04	1.02E-05	2.29E-04	1.16E-02	1.08E-03	1.39E-02
1275	SR_314	Sensitive Receptor	Residential	Offsite	377.352	6366.392	6.64E-02	1.33E-01	Not Modelled	3.13E-02	6.16E-05	3.87E-02	6.66E-03	1.33E-03	1.33E-10	6.66E-04	1.59E-05	1.17E-05	3.26E-05	1.08E-04	6.36E-04	1.02E-05	2.29E-04	1.17E-02	1.08E-03	1.39E-02
1276	SR_315	Sensitive Receptor	Residential	Offsite	377.352	6366.361	6.64E-02	1.33E-01	Not Modelled	3.13E-02	6.16E-05	3.84E-02	6.66E-03	1.33E-03	1.33E-10	6.66E-04	1.59E-05	1.17E-05	3.26E-05	1.07E-04	6.35E-04	1.02E-05	2.29E-04	1.17E-02	1.08E-03	1.39E-02
1277	SR_316	Sensitive Receptor	Residential	Offsite	377.355	6366.225	6.61E-02	1.33E-01	Not Modelled	3.16E-02	6.14E-05	3.76E-02	6.63E-03	1.33E-03	1.33E-10	6.63E-04	1.59E-05	1.17E-05	3.25E-05	1.07E-04	6.33E-04	1.01E-05	2.28E-04	1.16E-02	1.08E-03	1.38E-02
1278	SR_317	Sensitive Receptor	Residential	Offsite	377.357	6366.199	6.60E-02	1.32E-01	Not Modelled	3.16E-02	6.12E-05	3.74E-02	6.61E-03	1.32E-03	1.32E-10	6.62E-04	1.58E-05	1.17E-05	3.24E-05	1.07E-04	6.31E-04	1.01E-05	2.28E-04	1.16E-02	1.07E-03	1.38E-02
1279	SR_318	Sensitive Receptor	Residential	Offsite	377.358	6366.114	6.43E-02	1.29E-01	Not Modelled	3.13E-02	5.97E-05	3.63E-02	6.45E-03	1.29E-03	1.29E-10	6.45E-04	1.54E-05	1.14E-05	3.16E-05	1.04E-04	6.16E-04	9.84E-06	2.22E-04	1.13E-02	1.05E-03	1.35E-02
1280	SR_319	Sensitive Receptor	Residential	Offsite	377.359	6366.086	6.37E-02	1.28E-01	Not Modelled	3.12E-02	5.91E-05	3.60E-02	6.39E-03	1.28E-03	1.28E-10	6.39E-04	1.53E-05	1.13E-05	3.13E-05	1.03E-04	6.10E-04	9.75E-06	2.20E-04	1.12E-02	1.04E-03	1.33E-02
1281	SR_320	Sensitive Receptor	Residential	Offsite	377.415	6366.112	6.62E-02	1.33E-01	Not Modelled	3.25E-02	6.14E-05	3.78E-02	6.64E-03	1.33E-03	1.33E-10	6.64E-04	1.59E-05	1.17E-05	3.25E-05	1.07E-04	6.34E-04	1.01E-05	2.29E-04	1.16E-02	1.08E-03	1.39E-02
1282	SR_321	Sensitive Receptor	Residential	Offsite	377.424	6366.069	6.51E-02	1.31E-01	Not Modelled	3.23E-02	6.04E-05	3.72E-02	6.53E-03	1.31E-03	1.31E-10	6.53E-04	1.56E-05	1.15E-05	3.20E-05	1.05E-04	6.23E-04	9.96E-06	2.25E-04	1.14E-02	1.06E-03	1.36E-02
1283	SR_322	Sensitive Receptor	Residential	Offsite	377.490	6365.297	3.58E-02	7.18E-02	Not Modelled	2.03E-02	3.32E-05	2.02E-02	3.58E-03	7.17E-04	7.17E-11	3.59E-04	8.57E-06	6.32E-06	1.76E-05	5.79E-05	3.42E-04	5.47E-06	1.23E-04	6.27E-03	5.81E-04	7.48E-03
1284	SR_323	Sensitive Receptor	Residential	Offsite	377.501	6365.274	3.50E-02	7.03E-02	Not Modelled	1.99E-02	3.25E-05	1.98E-02	3.51E-03	7.02E-04	7.02E-11	3.51E-04	8.40E-06	6.19E-06	1.72E-05	5.67E-05	3.35E-04	5.36E-06	1.21E-04	6.15E-03	5.70E-04	7.33E-03
1285	SR_324	Sensitive Receptor	Residential	Offsite	377.517	6365.248	3.42E-02	6.88E-02	Not Modelled	1.95E-02	3.18E-05	1.93E-02	3.43E-03	6.86E-04	6.86E-11	3.43E-04	8.21E-06	6.05E-06	1.68E-05	5.54E-05	3.28E-04	5.24E-06	1.18E-04	6.01E-03	5.57E-04	7.16E-03
1286	SR_325	Sensitive Receptor	Residential	Offsite	377.545	6365.208	3.32E-02	6.67E-02	Not Modelled	1.89E-02	3.08E-05	1.88E-02	3.33E-03	6.66E-04	6.66E-11	3.33E-04	7.97E-06	5.87E-06	1.63E-05	5.38E-05	3.18E-04	5.08E-06	1.15E-04	5.83E-03	5.41E-04	6.95E-03
1287	SR_326	Sensitive Receptor	Residential	Offsite	377.560	6365.175	3.23E-02	6.50E-02	Not Modelled	1.84E-02	3.00E-05	1.82E-02	3.24E-03	6.48E-04	6.48E-11	3.24E-04	7.75E-06	5.71E-06	1.59E-05	5.23E-05	3.09E-04	4.95E-06	1.12E-04	5.68E-03	5.26E-04	6.77E-03
1288	SR_327	Sensitive Receptor	Residential	Offsite	377.551	6365.143	3.14E-02	6.31E-02	Not Modelled	1.79E-02	2.91E-05	1.76E-02	3.15E-03	6.30E-04	6.30E-11	3.15E-04	7.53E-06	5.55E-06	1.54E-05	5.08E-05	3.01E-04	4.80E-06	1.08E-04	5.51E-03	5.11E-04	6.57E-03
1289	SR_328	Sensitive Receptor	Residential	Offsite	377.584	6365.158	3.21E-02	6.44E-02	Not Modelled	1.83E-02	2.97E-05	1.81E-02	3.21E-03	6.42E-04	6.42E-11	3.21E-04	7.68E-06	5.66E-06	1.58E-05	5.19E-05	3.07E-04	4.90E-06	1.11E-04	5.62E-03	5.21E-04	6.71E-03
1290	SR_329	Sensitive Receptor	Residential	Offsite	377.571	6365.096	3.04E-02	6.10E-02	Not Modelled	1.73E-02	2.82E-05	1.70E-02	3.04E-03	6.09E-04	6.09E-11	3.05E-04	7.28E-06	5.36E-06	1.49E-05	4.91E-05	2.90E-04	4.64E-06	1.05E-04	5.33E-03	4.94E-04	6.35E-03
1291	SR_330	Sensitive Receptor	Residential	Offsite	377.612	6365.109	3.14E-02	6.31E-02	Not Modelled	1.80E-02	2.92E-05	1.79E-02	3.15E-03	6.30E-04	6.30E-11	3.15E-04	7.54E-06	5.55E-06	1.55E-05	5.09E-05	3.01E-04	4.81E-06	1.09E-04	5.52E-03	5.11E-04	6.58E-03
1292	SR_331	Sensitive Receptor	Residential	Offsite	377.578	6365.066	2.98E-02	5.98E-02	Not Modelled	1.70E-02	2.76E-05	1.66E-02	2.98E-03	5.96E-04	5.96E-11	2.98E-04	7.13E-06	5.26E-06	1.46E-05	4.82E-05	2.85E-04	4.55E-06	1.03E-04	5.22E-03	4.84E-04	6.22E-03
1293	SR_332	Sensitive Receptor	Residential	Offsite	377.621	6365.086	3.09E-02	6.21E-02	Not Modelled	1.77E-02	2.87E-05	1.76E-02	3.10E-03	6.20E-04	6.20E-11	3.10E-04	7.42E-06	5.47E-06	1.52E-05	5.01E-05	2.96E-04	4.73E-06	1.07E-04	5.43E-03	5.03E-04	6.47E-03
1294	SR_333	Sensitive Receptor	Residential	Offsite	377.604	6365.014	2.87E-02	5.77E-02	Not Modelled	1.64E-02	2.67E-05	1.60E-02	2.88E-03	5.76E-04	5.76E-11	2.88E-04	6.89E-06	5.08E-06	1.41E-05	4.65E-05	2.75E-04	4.40E-06	9.92E-05	5.04E-03	4.67E-04	6.01E-03
1295	SR_334	Sensitive Receptor	Residential	Offsite	377.637	6365.025	2.93E-02	5.88E-02	Not Modelled	1.68E-02	2.72E-05	1.65E-02	2.94E-03	5.87E-04	5.87E-11	2.94E-04	7.02E-06	5.18E-06	1.44E-05	4.74E-05	2.80E-04	4.48E-06	1.01E-04	5.14E-03	4.76E-04	6.13E-03
1296	SR_335	Sensitive Receptor	Residential	Offsite	377.670	6365.038	2.99E-02	6.00E-02	Not Modelled	1.72E-02	2.77E-05	1.70E-02	2.99E-03	5.99E-04	5.99E-11	3.00E-04	7.16E-06	5.28E-06	1.47E-05	4.83E-05	2.86E-04	4.57E-06	1.03E-04	5.24E-03	4.86E-04	6.25E-03
1297	SR_336	Sensitive Receptor	Residential	Offsite	377.685	6364.995	2.82E-02	5.67E-02	Not Modelled	1.62E-02	2.62E-05	1.59E-02	2.83E-03	5.66E-04	5.66E-11	2.83E-04	6.77E-06	4.99E-06	1.39E-05	4.57E-05	2.70E-04	4.32E-06	9.76E-05	4.96E-03	4.59E-04	5.91E-03
1298	SR_337	Sensitive Receptor	Residential	Offsite	377.707	6364.724	2.18E-02	4.39E-02	Not Modelled	1.24E-02	2.02E-05	1.17E-02	2.19E-03	4.37E-04	4.37E-11	2.19E-04	5.23E-06	3.86E-06	1.07E-05	3.53E-05	2.09E-04	3.34E-06	7.54E-05	3.83E-03	3.55E-04	4.56E-03
1299	SR_338	Sensitive Receptor	Residential	Offsite	377.738	6364.735	2.19E-02	4.41E-02	Not Modelled	1.25E-02	2.04E-05	1.18E-02	2.20E-03	4.40E-04	4.40E-11	2.20E-04	5.26E-06	3.88E-06	1.08E-05	3.55E-05	2.10E-04	3.36E-06	7.58E-05	3.85E-03	3.57E-04	4.59E-03
1300	SR_339	Sensitive Receptor	Residential	Offsite	377.769	6364.749	2.21E-02	4.44E-02	Not Modelled	1.26E-02	2.05E-05	1.20E-02	2.22E-03	4.43E-04	4.43E-11	2.22E-04	5.30E-06	3.91E-06	1.09E-05	3.58E-05	2.11E-04	3.38E-06	7.63E-05	3.88E-03	3.60E-04	4.62E-03
1301	SR_340	Sensitive Receptor	Residential	Offsite	377.799	6364.758	2.22E-02	4.46E-02	Not Modelled	1.27E-02	2.06E-05	1.21E-02	2.22E-03	4.44E-04	4.44E-11	2.22E-04	5.31E-06	3.92E-06	1.09E-05	3.59E-05	2.12E-04	3.39E-06	7.66E-05	3.89E-03	3.61E-04	4.64E-03
1302	SR_341	Sensitive Receptor	Residential	Offsite	377.830	6364.769	2.23E-02	4.47E-02	Not Modelled	1.27E-02	2.07E-05	1.22E-02	2.23E-03	4.46E-04	4.46E-11	2.23E-04	5.34E-06	3.93E-06	1.09E-05	3.60E-05	2.13E-04	3.41E-06	7.69E-05	3.91E-03	3.62E-04	4.66E-03
1303	SR_342	Sensitive Receptor	Residential	Offsite	377.857	6364.784	2.25E-02	4.52E-02	Not Modelled	1.28E-02	2.08E-05	1.24E-02	2.25E-03	4.50E-04	4.50E-11	2.25E-04	5.39E-06	3.97E-06	1.10E-05	3.64E-05	2.15E-04	3.44E-06	7.76E-05	3.94E-03	3.65E-04	4.70E-03
1304	SR_343	Sensitive Receptor	Residential	Offsite	380.055	6370.517	2.79E-02	5.59E-02	Not Modelled	1.58E-02	2.58E-05	1.62E-02	2.79E-03	5.58E-04	5.58E-11	2.79E-04	6.68E-06	4.92E-06	1.37E-05	4.51E-05	2.66E-04	4.26E-06	9.62E-05	4.89E-03	4.53E-04	5.82E-03
1305	NG_1	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.607	1.18E-01	2.36E-01	Not Modelled	6.29E-02	1.09E-04	8.79E-02	1.18E-02	2.35E-03	2.35E-10	1.18E-03	2.82E-05	2.07E-05	5.77E-05	1.90E-04	1.12E-03	1.80E-05	4.06E-04	2.06E-02	1.91E-03	2.46E-02
1306	NG_2	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.607	1.15E-01	2.30E-01	Not Modelled	6.18E-02	1.06E-04	8.69E-02	1.15E-02	2.30E-03	2.30E-10	1.15E-03	2.75E-05	2.03E-05	5.64E-05	1.86E-04	1.10E-03	1.76E-05	3.96E-04	2.01E-02	1.87E-03	2.40E-02
1307	NG_3	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.607	1.11E-01	2.23E-01	Not Modelled	6.01E-02	1.03E-04	8.50E-02	1.12E-02	2.23E-03	2.23E-10	1.12E-03	2.67E-05	1.97E-05	5.47E-05	1.80E-04	1.06E-03	1.70E-05	3.84E-04	1.95E-02	1.81E-03	2.33E-02
1308	NG_4	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.607	1.08E-01	2.15E-01	Not Modelled	5.80E-02	9.96E-05	8.25E-02	1.08E-02	2.15E-03	2.15E-10	1.08E-03	2.57E-05	1.90E-05	5.27E-05	1.74E-04	1.03E-03	1.64E-05	3.71E-04	1.88E-02	1.75E-03	2.24E-02
1309	NG_5	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.607	1.03E-01	2.06E-01	Not Modelled	5.54E-02	9.53E-05	7.92E-02	1.03E-02	2.06E-03	2.06E-10	1.03E-03	2.46E-05	1.81E-05	5.05E-05	1.66E-04	9.82E-04	1.57E-05	3.55E-04	1.80E-02	1.67E-03	2.15E-02
1310	NG_6	Nested Grid - 50m	Parks/ Recreation	Offsite	378.914	6366.607	9.81E-02	1.97E-01	Not Modelled	5.27E-02	9.09E-05	7.57E-02	9.82E-03	1.96E-03	1.96E-10	9.82E-04	2.35E-05	1.73E-05	4.81E-05	1.59E-04	9.37E-04	1.50E-05	3.38E-04	1.72E-02	1.59E-03	2.05E-02

AQIA DATA - SCENARIO 2 GRID MAX

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**4.73E-09**	**2.37E-02**	**5.66E-04**	**4.17E-04**	**1.16E-03**	**3.82E-03**	**2.26E-02**	**3.61E-04**	**8.15E-03**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1311	NG_7	Nested Grid - 50m	Parks/ Recreation	Offsite	378.964	6366.607	9.43E-02	1.89E-01	Not Modelled	5.04E-02	8.73E-05	7.30E-02	9.43E-03	1.89E-03	1.89E-10	9.44E-04	2.26E-05	1.66E-05	4.63E-05	1.52E-04	9.01E-04	1.44E-05	3.25E-04	1.65E-02	1.53E-03	1.97E-02
1312	NG_8	Nested Grid - 50m	Parks/ Recreation	Offsite	379.014	6366.607	9.07E-02	1.82E-01	Not Modelled	4.82E-02	8.40E-05	7.03E-02	9.07E-03	1.81E-03	1.81E-10	9.08E-04	2.17E-05	1.60E-05	4.45E-05	1.47E-04	8.66E-04	1.38E-05	3.13E-04	1.59E-02	1.47E-03	1.89E-02
1313	NG_9	Nested Grid - 50m	Parks/ Recreation	Offsite	379.064	6366.607	8.74E-02	1.75E-01	Not Modelled	4.60E-02	8.09E-05	6.77E-02	8.74E-03	1.75E-03	1.75E-10	8.75E-04	2.09E-05	1.54E-05	4.29E-05	1.41E-04	8.35E-04	1.33E-05	3.01E-04	1.53E-02	1.42E-03	1.83E-02
1314	NG_10	Nested Grid - 50m	Parks/ Recreation	Offsite	379.114	6366.607	8.42E-02	1.69E-01	Not Modelled	4.38E-02	7.80E-05	6.51E-02	8.42E-03	1.68E-03	1.68E-10	8.43E-04	2.02E-05	1.49E-05	4.13E-05	1.36E-04	8.04E-04	1.29E-05	2.90E-04	1.47E-02	1.37E-03	1.76E-02
1315	NG_11	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.607	8.17E-02	1.64E-01	Not Modelled	4.20E-02	7.56E-05	6.30E-02	8.17E-03	1.63E-03	1.63E-10	8.17E-04	1.95E-05	1.44E-05	4.01E-05	1.32E-04	7.80E-04	1.25E-05	2.82E-04	1.43E-02	1.33E-03	1.71E-02
1316	NG_12	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.607	7.93E-02	1.59E-01	Not Modelled	4.04E-02	7.34E-05	6.11E-02	7.93E-03	1.59E-03	1.59E-10	7.94E-04	1.90E-05	1.40E-05	3.89E-05	1.28E-04	7.58E-04	1.21E-05	2.73E-04	1.39E-02	1.29E-03	1.66E-02
1317	NG_13	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.607	7.66E-02	1.53E-01	Not Modelled	3.86E-02	7.09E-05	5.88E-02	7.66E-03	1.53E-03	1.53E-10	7.67E-04	1.83E-05	1.35E-05	3.76E-05	1.24E-04	7.31E-04	1.17E-05	2.64E-04	1.34E-02	1.24E-03	1.60E-02
1318	NG_14	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.607	7.38E-02	1.48E-01	Not Modelled	3.67E-02	6.84E-05	5.65E-02	7.39E-03	1.48E-03	1.48E-10	7.39E-04	1.77E-05	1.30E-05	3.62E-05	1.19E-04	7.05E-04	1.13E-05	2.55E-04	1.29E-02	1.20E-03	1.54E-02
1319	NG_15	Nested Grid - 50m	Parks/ Recreation	Offsite	379.364	6366.607	7.18E-02	1.44E-01	Not Modelled	3.52E-02	6.65E-05	5.47E-02	7.18E-03	1.44E-03	1.44E-10	7.19E-04	1.72E-05	1.27E-05	3.52E-05	1.16E-04	6.86E-04	1.10E-05	2.48E-04	1.26E-02	1.17E-03	1.50E-02
1320	NG_16	Nested Grid - 50m	Parks/ Recreation	Offsite	379.414	6366.607	7.11E-02	1.42E-01	Not Modelled	3.44E-02	6.59E-05	5.38E-02	7.12E-03	1.42E-03	1.42E-10	7.12E-04	1.70E-05	1.25E-05	3.49E-05	1.15E-04	6.79E-04	1.09E-05	2.45E-04	1.25E-02	1.15E-03	1.49E-02
1321	NG_17	Nested Grid - 50m	Parks/ Recreation	Offsite	379.464	6366.607	7.15E-02	1.43E-01	Not Modelled	3.39E-02	6.62E-05	5.34E-02	7.15E-03	1.43E-03	1.43E-10	7.16E-04	1.71E-05	1.26E-05	3.51E-05	1.16E-04	6.83E-04	1.09E-05	2.47E-04	1.25E-02	1.16E-03	1.49E-02
1322	NG_18	Nested Grid - 50m	Parks/ Recreation	Offsite	379.514	6366.607	7.35E-02	1.47E-01	Not Modelled	3.41E-02	6.81E-05	5.41E-02	7.36E-03	1.47E-03	1.47E-10	7.36E-04	1.76E-05	1.30E-05	3.61E-05	1.19E-04	7.02E-04	1.12E-05	2.54E-04	1.29E-02	1.19E-03	1.54E-02
1323	NG_19	Nested Grid - 50m	Parks/ Recreation	Offsite	379.564	6366.607	7.70E-02	1.54E-01	Not Modelled	3.49E-02	7.13E-05	5.55E-02	7.71E-03	1.54E-03	1.54E-10	7.71E-04	1.84E-05	1.36E-05	3.78E-05	1.24E-04	7.36E-04	1.18E-05	2.66E-04	1.35E-02	1.25E-03	1.61E-02
1324	NG_20	Nested Grid - 50m	Parks/ Recreation	Offsite	379.614	6366.607	8.32E-02	1.67E-01	Not Modelled	3.67E-02	7.71E-05	5.86E-02	8.33E-03	1.67E-03	1.67E-10	8.33E-04	1.99E-05	1.47E-05	4.08E-05	1.34E-04	7.95E-04	1.27E-05	2.87E-04	1.46E-02	1.35E-03	1.74E-02
1325	NG_21	Nested Grid - 50m	Parks/ Recreation	Offsite	379.664	6366.607	9.17E-02	1.84E-01	Not Modelled	3.94E-02	8.49E-05	6.32E-02	9.17E-03	1.83E-03	1.83E-10	9.18E-04	2.20E-05	1.62E-05	4.50E-05	1.48E-04	8.76E-04	1.40E-05	3.16E-04	1.61E-02	1.49E-03	1.91E-02
1326	NG_22	Nested Grid - 50m	Parks/ Recreation	Offsite	379.714	6366.607	1.02E-01	2.05E-01	Not Modelled	4.30E-02	9.45E-05	6.90E-02	1.02E-02	2.04E-03	2.04E-10	1.02E-03	2.45E-05	1.80E-05	5.01E-05	1.65E-04	9.76E-04	1.56E-05	3.52E-04	1.79E-02	1.66E-03	2.13E-02
1327	NG_23	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.607	1.12E-01	2.25E-01	Not Modelled	4.64E-02	1.04E-04	7.45E-02	1.12E-02	2.25E-03	2.25E-10	1.12E-03	2.69E-05	1.98E-05	5.52E-05	1.82E-04	1.07E-03	1.72E-05	3.88E-04	1.97E-02	1.82E-03	2.35E-02
1328	NG_24	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.607	1.23E-01	2.46E-01	Not Modelled	4.99E-02	1.14E-04	8.00E-02	1.23E-02	2.46E-03	2.46E-10	1.23E-03	2.94E-05	2.17E-05	6.03E-05	1.99E-04	1.17E-03	1.88E-05	4.24E-04	2.15E-02	2.00E-03	2.57E-02
1329	NG_25	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.607	1.34E-01	2.69E-01	Not Modelled	5.37E-02	1.24E-04	8.59E-02	1.34E-02	2.68E-03	2.68E-10	1.34E-03	3.21E-05	2.37E-05	6.58E-05	2.17E-04	1.28E-03	2.05E-05	4.63E-04	2.35E-02	2.18E-03	2.80E-02
1330	NG_26	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.607	1.46E-01	2.92E-01	Not Modelled	5.79E-02	1.35E-04	9.20E-02	1.46E-02	2.92E-03	2.92E-10	1.46E-03	3.50E-05	2.57E-05	7.16E-05	2.36E-04	1.39E-03	2.23E-05	5.04E-04	2.56E-02	2.37E-03	3.05E-02
1331	NG_27	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.607	1.57E-01	3.15E-01	Not Modelled	6.17E-02	1.46E-04	9.74E-02	1.57E-02	3.15E-03	3.15E-10	1.57E-03	3.77E-05	2.77E-05	7.72E-05	2.54E-04	1.50E-03	2.40E-05	5.43E-04	2.76E-02	2.55E-03	3.29E-02
1332	NG_28	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.607	1.69E-01	3.39E-01	Not Modelled	6.55E-02	1.57E-04	1.03E-01	1.69E-02	3.38E-03	3.38E-10	1.69E-03	4.05E-05	2.98E-05	8.30E-05	2.73E-04	1.62E-03	2.58E-05	5.84E-04	2.96E-02	2.75E-03	3.53E-02
1333	NG_29	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.607	1.84E-01	3.67E-01	Not Modelled	7.01E-02	1.70E-04	1.09E-01	1.84E-02	3.67E-03	3.67E-10	1.84E-03	4.39E-05	3.24E-05	9.01E-05	2.97E-04	1.75E-03	2.80E-05	6.33E-04	3.22E-02	2.98E-03	3.83E-02
1334	NG_30	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.607	2.00E-01	4.01E-01	Not Modelled	7.53E-02	1.85E-04	1.16E-01	2.00E-02	4.00E-03	4.00E-10	2.00E-03	4.79E-05	3.53E-05	9.82E-05	3.23E-04	1.91E-03	3.06E-05	6.90E-04	3.51E-02	3.25E-03	4.18E-02
1335	NG_31	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.607	2.18E-01	4.37E-01	Not Modelled	8.07E-02	2.02E-04	1.23E-01	2.18E-02	4.36E-03	4.36E-10	2.18E-03	5.22E-05	3.85E-05	1.07E-04	3.52E-04	2.08E-03	3.33E-05	7.53E-04	3.82E-02	3.54E-03	4.55E-02
1336	NG_32	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.607	2.37E-01	4.74E-01	Not Modelled	8.62E-02	2.19E-04	1.31E-01	2.37E-02	4.74E-03	4.74E-10	2.37E-03	5.67E-05	4.18E-05	1.16E-04	3.83E-04	2.26E-03	3.62E-05	8.17E-04	4.15E-02	3.84E-03	4.95E-02
1337	NG_33	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.607	2.58E-01	5.15E-01	Not Modelled	9.23E-02	2.38E-04	1.39E-01	2.58E-02	5.15E-03	5.15E-10	2.58E-03	6.16E-05	4.54E-05	1.26E-04	4.16E-04	2.46E-03	3.93E-05	8.88E-04	4.51E-02	4.18E-03	5.38E-02
1338	NG_34	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.607	2.79E-01	5.58E-01	Not Modelled	9.86E-02	2.58E-04	1.47E-01	2.79E-02	5.58E-03	5.58E-10	2.79E-03	6.67E-05	4.91E-05	1.37E-04	4.50E-04	2.66E-03	4.26E-05	9.61E-04	4.88E-02	4.52E-03	5.82E-02
1339	NG_35	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.607	2.98E-01	5.95E-01	Not Modelled	1.04E-01	2.75E-04	1.54E-01	2.98E-02	5.95E-03	5.95E-10	2.98E-03	7.12E-05	5.25E-05	1.46E-04	4.81E-04	2.84E-03	4.54E-05	1.03E-03	5.21E-02	4.83E-03	6.21E-02
1340	NG_36	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.607	3.15E-01	6.29E-01	Not Modelled	1.09E-01	2.91E-04	1.61E-01	3.15E-02	6.29E-03	6.29E-10	3.15E-03	7.53E-05	5.55E-05	1.54E-04	5.08E-04	3.00E-03	4.80E-05	1.08E-03	5.51E-02	5.10E-03	6.57E-02
1341	NG_37	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.607	3.29E-01	6.58E-01	Not Modelled	1.14E-01	3.05E-04	1.66E-01	3.29E-02	6.58E-03	6.58E-10	3.29E-03	7.88E-05	5.80E-05	1.61E-04	5.32E-04	3.14E-03	5.03E-05	1.14E-03	5.76E-02	5.34E-03	6.87E-02
1342	NG_38	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.607	3.38E-01	6.76E-01	Not Modelled	1.17E-01	3.13E-04	1.70E-01	3.38E-02	6.76E-03	6.76E-10	3.38E-03	8.09E-05	5.96E-05	1.66E-04	5.46E-04	3.23E-03	5.16E-05	1.17E-03	5.92E-02	5.48E-03	7.05E-02
1343	NG_39	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.607	3.43E-01	6.87E-01	Not Modelled	1.19E-01	3.18E-04	1.72E-01	3.43E-02	6.86E-03	6.86E-10	3.43E-03	8.21E-05	6.05E-05	1.68E-04	5.54E-04	3.28E-03	5.24E-05	1.18E-03	6.01E-02	5.57E-03	7.16E-02
1344	NG_40	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.607	3.43E-01	6.86E-01	Not Modelled	1.20E-01	3.17E-04	1.71E-01	3.43E-02	6.85E-03	6.85E-10	3.43E-03	8.20E-05	6.04E-05	1.68E-04	5.53E-04	3.27E-03	5.23E-05	1.18E-03	6.00E-02	5.56E-03	7.15E-02
1345	NG_41	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.607	3.41E-01	6.82E-01	Not Modelled	1.20E-01	3.15E-04	1.71E-01	3.41E-02	6.82E-03	6.82E-10	3.41E-03	8.16E-05	6.01E-05	1.67E-04	5.51E-04	3.26E-03	5.21E-05	1.18E-03	5.97E-02	5.53E-03	7.12E-02
1346	NG_42	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.657	1.26E-01	2.52E-01	Not Modelled	6.62E-02	1.17E-04	9.33E-02	1.26E-02	2.52E-03	2.52E-10	1.26E-03	3.01E-05	2.22E-05	6.17E-05	2.03E-04	1.20E-03	1.92E-05	4.34E-04	2.20E-02	2.04E-03	2.63E-02
1347	NG_43	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.657	1.23E-01	2.46E-01	Not Modelled	6.52E-02	1.14E-04	9.24E-02	1.23E-02	2.46E-03	2.46E-10	1.23E-03	2.94E-05	2.17E-05	6.04E-05	1.99E-04	1.18E-03	1.88E-05	4.24E-04	2.16E-02	2.00E-03	2.57E-02
1348	NG_44	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.657	1.20E-01	2.40E-01	Not Modelled	6.40E-02	1.11E-04	9.11E-02	1.20E-02	2.40E-03	2.40E-10	1.20E-03	2.87E-05	2.12E-05	5.89E-05	1.94E-04	1.15E-03	1.83E-05	4.14E-04	2.10E-02	1.95E-03	2.51E-02
1349	NG_45	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.657	1.16E-01	2.32E-01	Not Modelled	6.19E-02	1.07E-04	8.87E-02	1.16E-02	2.32E-03	2.32E-10	1.16E-03	2.77E-05	2.04E-05	5.68E-05	1.87E-04	1.11E-03	1.77E-05	3.99E-04	2.03E-02	1.88E-03	2.42E-02
1350	NG_46	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.657	1.10E-01	2.21E-01	Not Modelled	5.90E-02	1.02E-04	8.49E-02	1.10E-02	2.21E-03	2.21E-10	1.11E-03	2.64E-05	1.95E-05	5.42E-05	1.78E-04	1.05E-03	1.69E-05	3.81E-04	1.93E-02	1.79E-03	2.31E-02
1351	NG_47	Nested Grid - 50m	Parks/ Recreation	Offsite	378.914	6366.657	1.06E-01	2.12E-01	Not Modelled	5.64E-02	9.79E-05	8.16E-02	1.06E-02	2.12E-03	2.12E-10	1.06E-03	2.53E-05	1.86E-05	5.19E-05	1.71E-04	1.01E-03	1.61E-05	3.64E-04	1.85E-02	1.72E-03	2.21E-02
1352	NG_48	Nested Grid - 50m	Parks/ Recreation	Offsite	378.964	6366.657	1.02E-01	2.05E-01	Not Modelled	5.45E-02	9.48E-05	7.95E-02	1.02E-02	2.05E-03	2.05E-10	1.02E-03	2.45E-05	1.80E-05	5.02E-05	1.65E-04	9.77E-04	1.56E-05	3.53E-04	1.79E-02	1.66E-03	2.14E-02
1353	NG_49	Nested Grid - 50m	Parks/ Recreation	Offsite	379.014	6366.657	9.92E-02	1.99E-01	Not Modelled	5.27E-02	9.19E-05	7.75E-02	9.93E-03	1.99E-03	1.99E-10	9.93E-04	2.37E-05	1.75E-05	4.87E-05	1.60E-04	9.48E-04	1.52E-05	3.42E-04	1.74E-02	1.61E-03	2.07E-02
1354	NG_50	Nested Grid - 50m	Parks/ Recreation	Offsite	379.064	6366.657	9.57E-02	1.92E-01	Not Modelled	5.04E-02	8.86E-05	7.48E-02	9.57E-03	1.91E-03	1.91E-10	9.58E-04	2.29E-05	1.69E-05	4.69E-05	1.55E-04	9.14E-04	1.46E-05	3.30E-04	1.68E-02	1.55E-03	2.00E-02
1355	NG_51	Nested Grid - 50m	Parks/ Recreation	Offsite	379.114	6366.657	9.22E-02	1.85E-01	Not Modelled	4.81E-02	8.53E-05	7.19E-02	9.22E-03	1.84E-03	1.84E-10	9.23E-04	2.21E-05	1.63E-05	4.52E-05	1.49E-04	8.80E-04	1.41E-05	3.18E-04	1.61E-02	1.50E-03	1.92E-02
1356	NG_52	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.657	8.93E-02	1.79E-01	Not Modelled	4.62E-02	8.27E-05	6.97E-02	8.94E-03	1.79E-03	1.79E-10	8.94E-04	2.14E-05	1.58E-05	4.38E-05	1.44E-04	8.53E-04	1.36E-05	3.08E-04	1.56E-02	1.45E-03	1.86E-02
1357	NG_53	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.657	8.70E-02	1.74E-01	Not Modelled	4.45E-02	8.05E-05	6.79E-02	8.70E-03	1.74E-03	1.74E-10	8.71E-04	2.08E-05	1.53E-05	4.27E-05	1.41E-04	8.31E-04	1.33E-05	3.00E-04	1.52E-02	1.41E-03	1.82E-02
1358	NG_54	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.657	8.46E-02	1.69E-01	Not Modelled	4.28E-02	7.83E-05	6.60E-02	8.47E-03	1.69E-03	1.69E-10	8.47E-04	2.02E-05	1.49E-05	4.15E-05	1.37E-04	8.08E-04	1.29E-05	2.92E-04	1.48E-02	1.37E-03	1.77E-02
1359	NG_55	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.657	8.17E-02	1.64E-01	Not Modelled	4.09E-02	7.57E-05	6.36E-02	8.18E-03	1.64E-03	1.64E-10	8.18E-04	1.96E-05	1.44E-05	4.01E-05	1.32E-04	7.81E-04	1.25E-05	2.82E-04	1.43E-02	1.33E-03	1.71E-02
1360	NG_56	Nested Grid - 50m	Parks/ Recreation	Offsite	379.364	6366.657	7.95E-02	1.59E-01	Not Modelled	3.92E-02	7.36E-05	6.15E-02	7.95E-03	1.59E-03	1.59E-10	7.96E-04	1.90E-05	1.40E-05	3.90E-05	1.28E-04	7.59E-04	1.21E-05	2.74E-04	1.39E-02	1.29E-03	1.66E-02
1361	NG_57	Nested Grid - 50m	Parks/ Recreation	Offsite	379.414	6366.657	7.90E-02	1.58E-01	Not Modelled	3.84E-02	7.31E-05	6.08E-02	7.90E-03	1.58E-03	1.58E-10	7.91E-04	1.89E-05	1.39E-05	3.88E-05	1.28E-04	7.55E-04	1.21E-05	2.72E-04	1.38E-02	1.28E-03	1.65E-02
1362	NG_58	Nested Grid - 50m	Parks/ Recreation	Offsite	379.464	6366.657	8.05E-02	1.61E-01	Not Modelled	3.84E-02	7.45E-05	6.14E-02	8.05E-03	1.61E-03	1.61E-10	8.06E-04	1.93E-05	1.42E-05	3.95E-05	1.30E-04	7.69E-04	1.23E-05	2.78E-04	1.41E-02	1.31E-03	1.68E-02
1363	NG_59	Nested Grid - 50m	Parks/ Recreation	Offsite	379.514	6366.657	8.28E-02	1.66E-01	Not Modelled	3.87E-02	7.67E-05	6.22E-02	8.29E-03	1.66E-03	1.66E-10	8.29E-04	1.98E-05	1.46E-05	4.06E-05	1.34E-04	7.91E-04	1.27E-05	2.86E-04	1.45E-02	1.34E-03	1.73E-02
1364	NG_60	Nested Grid - 50m	Parks/ Recreation	Offsite	379.564	6366.657	8.65E-02	1.73E-01	Not Modelled	3.93E-02	8.01E-05	6.34E-02	8.65E-03	1.73E-03	1.73E-10	8.66E-04	2.07E-05	1.53E-05	4.24E-05	1.40E-04	8.26E-04	1.32E-05	2.98E-04	1.52E-02	1.40E-03	1.81E-02
1365	NG_61	Nested Grid - 50m	Parks/ Recreation	Offsite	379.614	6366.657	9.34E-02	1.87E-01	Not Modelled	4.13E-02	8.64E-05	6.68E-02	9.34E-03	1.87E-03	1.87E-10	9.34E-04	2.23E-05	1.65E-05	4.58E-05	1.51E-04	8.92E-04	1.43E-05	3.22E-04	1.63E-02	1.52E-03	1.95E-02
1366	NG_62	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.657	1.04E-01	2.09E-01	Not Modelled	4.49E-02	9.65E-05	7.30E-02	1.04E-02	2.08E-03	2.08E-10	1.04E-03	2.49E-05	1.84E-05	5.11E-05	1.68E-04	9.96E-04	1.59E-05	3.59E-04	1.83E-02	1.69E-03	2.18E-02
1367	NG_63	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.657	1.17E-01	2.34E-01	Not Modelled	4.93E-02	1.08E-04	8.02E-02	1.17E-02	2.34E-03	2.34E-10	1.17E-03	2.80E-05	2.06E-05	5.74E-05	1.89E-04	1.12E-03	1.79E-05	4.03E-04	2.05E-02	1.90E-03	2.44E-02
1368	NG_64	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.657	1.28E-01	2.56E-01	Not Modelled	5.28E-02	1.18E-04	8.59E-02	1.28E-02	2.56E-03	2.56E-10	1.28E-03	3.06E-05	2.25E-05	6.27E-05	2.07E-04	1.22E-03	1.95E-05	4.41E-04	2.24E-02	2.08E-03	2.67E-02
1369	NG_65	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.657	1.39E-01	2.78E-01	Not Modelled	5.63E-02	1.28E-04	9.13E-02	1.39E-02	2.77E-03	2.77E-10	1.39E-03	3.32E-05	2.45E-05	6.81E-05	2.24E-04	1.33E-03	2.12E-05	4.78E-04	2.43E-02	2.25E-03	2.90E-02
1370	NG_66	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.657	1.52E-01	3.04E-01	Not Modelled	6.09E-02	1.41E-04	9.84E-02	1.52E-02	3.04E-03	3.04E-10	1.52E-03	3.64E-05	2.68E-05	7.46E-05	2.46E-04	1.45E-03	2.32E-05	5.25E-04	2.66E-02	2.47E-03	3.17E-02
1371	NG_67	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.657	1.66E-01	3.32E-01	Not Modelled	6.57E-02	1.54E-04	1.06E-01	1.66E-02	3.32E-03	3.32E-10	1.66E-03	3.97E-05	2.93E-05	8.14E-05	2.68E-04	1.59E-03	2.54E-05	5.72E-04	2.91E-02	2.69E-03	3.46E-02
1372	NG_68	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.657	1.77E-01	3.55E-01	Not Modelled	6.94E-02	1.64E-04	1.11E-01	1.78E-02	3.55E-03	3.55E-10	1.78E-03	4.25E-05	3.13E-05	8.71E-05	2.87E-04	1.70E-03	2.71E-05	6.12E-04	3.11E-02	2.88E-03	3.71E-02
1373	NG_69	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.657	1.91E-01	3.82E-01	Not Modelled	7.36E-02	1.77E-04	1.16E-01	1.91E-02	3.82E-03	3.82E-10	1.91E-03	4.57E-05	3.37E-05	9.37E-05	3.08E-04	1.82E-03	2.92E-05	6.58E-04	3.34E-02	3.10E-03	3.99E-02
1374	NG_70	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.657	2.08E-01	4.17E-01	Not Modelled	7.91E-02	1.93E-04	1.24E-01	2.08E-02	4.17E-03	4.17E-10	2.08E-03	4.99E-05	3.67E-05	1.02E-04	3.37E-04	1.99E-03	3.18E-05	7.19E-04	3.65E-02	3.38E-03	4.35E-02
1375	NG_71	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.657	2.28E-01	4.57E-01	Not Modelled	8.52E-02	2.11E-04	1.33E-01	2.28E-02	4.56E-03	4.56E-10	2.28E-03	5.46E-05	4.02E-05	1.12E-04	3.68E-04	2.18E-03	3.48E-05	7.87E-04	3.99E-02	3.70E-03	4.76E-02
1376	NG_72	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.657	2.49E-01	4.98E-01	Not Modelled	9.13E-02	2.30E-04	1.41E-01	2.49E-02	4.98E-03	4.98E-10	2.49E-03	5.96E-05	4.39E-05	1.22E-04	4.02E-04	2.38E-03	3.80E-05	8.59E-04	4.36E-02	4.04E-03	5.20E-02
1377	NG_73	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.657	2.73E-01	5.46E-01	Not Modelled	9.85E-02	2.53E-04	1.51E-01	2.73E-02	5.46E-03	5.46E-10	2.73E-03	6.54E-05	4.82E-05	1.34E-04	4.41E-04	2.61E-03	4.17E-05	9.42E-04	4.78E-02	4.43E-03	5.70E-02
1378	NG_74	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.657	2.97E-01	5.94E-01	Not Modelled	1.06E-01	2.75E-04	1.60E-01	2.97E-02	5.94E-03	5.94E-10	2.97E-03	7.10E-05	5.23E-05	1.46E-04	4.79E-04	2.83E-03	4.53E-05	1.02E-03	5.20E-02	4.82E-03	6.20E-02
1379	NG_75	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.657	3.19E-01	6.38E-01	Not Modelled	1.12E-01	2.95E-04	1.69E-01	3.19E-02	6.38E-03	6.38E-10	3.19E-03	7.63E-05	5.62E-05	1.56E-04	5.15E-04	3.05E-03	4.87E-05	1.10E-03	5.59E-02	5.18E-03	6.66E-02
1380	NG_76	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.657	3.38E-01	6.77E-01	Not Modelled	1.18E-01	3.13E-04	1.76E-01	3.38E-02	6.76E-03	6.76E-10	3.38E-03	8.09E-05	5.96E-05	1.66E-04	5.46E-04	3.23E-03	5.16E-05	1.17E-03	5.92E-02	5.49E-03	7.06E-02
1381	NG_77	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.657	3.56E-01	7.12E-01	Not Modelled	1.24E-01	3.30E-04	1.83E-01	3.56E-02	7.12E-03	7.12E-10	3.56E-03	8.52E-05	6.28E-05	1.75E-04	5.75E-04	3.40E-03	5.44E-05	1.23E-03	6.24E-02	5.78E-03	7.43E-02
1382	NG_78	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.657	3.67E-01	7.35E-01	Not Modelled	1.28E-01	3.40E-04	1.88E-01	3.67E-02	7.35E-03	7.35E-10	3.68E-03	8.79E-05	6.48E-05	1.80E-04	5.93E-04	3.51E-03	5.61E-05	1.27E-03	6.43E-02	5.96E-03	7.67E-02
1383	NG_79	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.657	3.76E-01	7.53E-01	Not Modelled	1.31E-01	3.48E-04	1.92E-01	3.76E-02	7.53E-03	7.53E-10	3.76E-03	9.00E-05	6.63E-05	1.85E-04	6.08E-04	3.59E-03	5.75E-05	1.30E-03	6.59E-02	6.10E-03	7.85E-02
1384	NG_80	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.657	3.78E-01	7.57E-01	Not Modelled	1.33E-01	3.50E-04	1.93E-01	3.78E-02	7.56E-03	7.56E-10	3.78E-03	9.05E-05	6.67E-05	1.86E-04	6.11E-04	3.61E-03	5.78E-05	1.30E-03	6.62E-02	6.14E-03	7.89E-02
1385	NG_81	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.657	3.72E-01	7.44E-01	Not Modelled	1.31E-01	3.44E-04	1.89E-01	3.72E-02	7.43E-03	7.43E-10	3.72E-03	8.89E-05	6.55E-05	1.82E-04	6.00E-04	3.55E-03	5.68E-05	1.28E-03	6.51E-02	6.03E-03	7.76E-02
1386	NG_82	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.657	3.66E-01	7.33E-01	Not Modelled	1.31E-01	3.39E-04	1.87E-01	3.66E-02	7.32E-03	7.32E-10	3.66E-03	8.76E-05	6.45E-05	1.80E-04	5.91E-04	3.50E-03	5.59E-05	1.26E-03	6.41E-02	5.94E-03	7.64E-02
1387	NG_83	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.707	1.36E-01	2.72E-01	Not Modelled	7.03E-02	1.26E-04	1.00E-01	1.36E-02	2.72E-03	2.72E-10	1.36E-03	3.25E-05	2.40E-05	6.67E-05	2.20E-04	1.30E-03	2.08E-05	4.69E-04	2.38E-02	2.21E-03	2.84E-02
1388	NG_84	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.707	1.34E-01	2.68E-01	Not Modelled	6.99E-02	1.24E-04	1.00E-01	1.34E-02	2.68E-03	2.68E-10	1.34E-03	3.21E-05	2.36E-05	6.57E-05	2.16E-04	1.28E-03	2.05E-05	4.62E-04	2.35E-02	2.17E-03	2.80E-02
1389	NG_85	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.707	1.31E-01	2.61E-01	Not Modelled	6.87E-02	1.21E-04	9.87E-02	1.31E-02	2.61E-03	2.61E-10	1.31E-03	3.12E-05	2.30E-05	6.40E-05	2.11E-04	1.25E-03	1.99E-05	4.50E-04	2.29E-02	2.12E-03	2.73E-02
1390	NG_86	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.707	1.26E-01	2.52E-01	Not Modelled	6.65E-02	1.16E-04	9.59E-02	1.26E-02	2.51E-03	2.51E-10	1.26E-03	3.01E-05	2.22E-05	6.17E-05	2.03E-04	1.20E-03	1.92E-05	4.33E-04	2.20E-02	2.04E-03	2.62E-02
1391	NG_87	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.707	1.21E-01	2.42E-01	Not Modelled	6.41E-02	1.12E-04	9.31E-02	1.21E-02	2.42E-03	2.42E-10	1.21E-03	2.89E-05	2.13E-05	5.93E-05	1.95E-04	1.16E-03	1.85E-05	4.17E-04	2.12E-02	1.96E-03	2.53E-02
1392	NG_88	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.707	1.16E-01	2.33E-01	Not Modelled	6.18E-02	1.08E-04	9.02E-02	1.17E-02	2.33E-03	2.33E-10	1.17E-03	2.79E-05	2.05E-05	5.71E-05	1.88E-04	1.11E-03	1.78E-05	4.02E-04	2.04E-02	1.89E-03	2.43E-02
1393	NG_89	Nested Grid - 50m	Parks/ Recreation	Offsite	378.964	6366.707	1.13E-01	2.26E-01	Not Modelled	6.00E-02	1.05E-04	8.83E-02	1.13E-02	2.26E-03	2.26E-10	1.13E-03	2.71E-05	1.99E-05	5.55E-05	1.83E-04	1.08E-03	1.73E-05	3.90E-04	1.98E-02	1.84E-03	2.36E-02
1394	NG_90	Nested Grid - 50m	Parks/ Recreation	Offsite	379.014	6366.707	1.09E-01	2.18E-01	Not Modelled	5.77E-02	1.01E-04	8.56E-02	1.09E-02	2.18E-03	2.18E-10	1.09E-03	2.61E-05	1.92E-05	5.35E-05	1.76E-04	1.04E-03	1.67E-05	3.76E-04	1.91E-02	1.77E-03	2.28E-02
1395	NG_91	Nested Grid - 50m	Parks/ Recreation	Offsite	379.064	6366.707	1.05E-01	2.11E-01	Not Modelled	5.55E-02	9.76E-05	8.30E-02	1.05E-02	2.11E-03	2.11E-10	1.06E-03	2.52E-05	1.86E-05	5.17E-05	1.70E-04	1.01E-03	1.61E-05	3.63E-04	1.85E-02	1.71E-03	2.20E-02

AQIA DATA - SCENARIO 2 GRID MAX

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**4.73E-09**	**2.37E-02**	**5.66E-04**	**4.17E-04**	**1.16E-03**	**3.82E-03**	**2.26E-02**	**3.61E-04**	**8.15E-03**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1396	NG_92	Nested Grid - 50m	Parks/ Recreation	Offsite	379.114	6366.707	1.01E-01	2.03E-01	Not Modelled	5.30E-02	9.38E-05	7.99E-02	1.01E-02	2.03E-03	2.03E-10	1.01E-03	2.43E-05	1.79E-05	4.97E-05	1.64E-04	9.68E-04	1.55E-05	3.49E-04	1.77E-02	1.65E-03	2.12E-02
1397	NG_93	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.707	9.86E-02	1.97E-01	Not Modelled	5.11E-02	9.13E-05	7.79E-02	9.86E-03	1.97E-03	1.97E-10	9.87E-04	2.36E-05	1.74E-05	4.84E-05	1.59E-04	9.42E-04	1.51E-05	3.40E-04	1.73E-02	1.60E-03	2.06E-02
1398	NG_94	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.707	9.62E-02	1.93E-01	Not Modelled	4.94E-02	8.91E-05	7.61E-02	9.62E-03	1.92E-03	1.92E-10	9.63E-04	2.30E-05	1.70E-05	4.72E-05	1.55E-04	9.19E-04	1.47E-05	3.32E-04	1.68E-02	1.56E-03	2.01E-02
1399	NG_95	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.707	9.36E-02	1.87E-01	Not Modelled	4.76E-02	8.66E-05	7.40E-02	9.36E-03	1.87E-03	1.87E-10	9.37E-04	2.24E-05	1.65E-05	4.59E-05	1.51E-04	8.94E-04	1.43E-05	3.23E-04	1.64E-02	1.52E-03	1.95E-02
1400	NG_96	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.707	9.02E-02	1.81E-01	Not Modelled	4.53E-02	8.35E-05	7.11E-02	9.03E-03	1.81E-03	1.81E-10	9.03E-04	2.16E-05	1.59E-05	4.43E-05	1.46E-04	8.62E-04	1.38E-05	3.11E-04	1.58E-02	1.46E-03	1.88E-02
1401	NG_97	Nested Grid - 50m	Parks/ Recreation	Offsite	379.364	6366.707	8.82E-02	1.77E-01	Not Modelled	4.37E-02	8.17E-05	6.93E-02	8.82E-03	1.76E-03	1.76E-10	8.83E-04	2.11E-05	1.56E-05	4.33E-05	1.43E-04	8.43E-04	1.35E-05	3.04E-04	1.54E-02	1.43E-03	1.84E-02
1402	NG_98	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.707	8.79E-02	1.76E-01	Not Modelled	4.29E-02	8.14E-05	6.88E-02	8.80E-03	1.76E-03	1.76E-10	8.80E-04	2.10E-05	1.55E-05	4.31E-05	1.42E-04	8.40E-04	1.34E-05	3.03E-04	1.54E-02	1.43E-03	1.84E-02
1403	NG_99	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.707	8.91E-02	1.78E-01	Not Modelled	4.27E-02	8.25E-05	6.90E-02	8.91E-03	1.78E-03	1.78E-10	8.91E-04	2.13E-05	1.57E-05	4.37E-05	1.44E-04	8.51E-04	1.36E-05	3.07E-04	1.56E-02	1.45E-03	1.86E-02
1404	NG_100	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.707	9.12E-02	1.83E-01	Not Modelled	4.27E-02	8.44E-05	6.95E-02	9.12E-03	1.82E-03	1.82E-10	9.13E-04	2.18E-05	1.61E-05	4.47E-05	1.47E-04	8.71E-04	1.39E-05	3.15E-04	1.60E-02	1.48E-03	1.90E-02
1405	NG_101	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.707	9.59E-02	1.92E-01	Not Modelled	4.37E-02	8.87E-05	7.14E-02	9.59E-03	1.92E-03	1.92E-10	9.59E-04	2.29E-05	1.69E-05	4.70E-05	1.55E-04	9.16E-04	1.46E-05	3.31E-04	1.68E-02	1.56E-03	2.00E-02
1406	NG_102	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.707	1.05E-01	2.10E-01	Not Modelled	4.64E-02	9.69E-05	7.61E-02	1.05E-02	2.10E-03	2.10E-10	1.05E-03	2.51E-05	1.85E-05	5.14E-05	1.69E-04	1.00E-03	1.60E-05	3.61E-04	1.83E-02	1.70E-03	2.19E-02
1407	NG_103	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.707	1.16E-01	2.33E-01	Not Modelled	5.01E-02	1.08E-04	8.25E-02	1.16E-02	2.33E-03	2.33E-10	1.16E-03	2.78E-05	2.05E-05	5.70E-05	1.88E-04	1.11E-03	1.78E-05	4.01E-04	2.04E-02	1.89E-03	2.43E-02
1408	NG_104	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.707	1.30E-01	2.61E-01	Not Modelled	5.49E-02	1.21E-04	9.05E-02	1.30E-02	2.61E-03	2.61E-10	1.30E-03	3.12E-05	2.30E-05	6.39E-05	2.10E-04	1.24E-03	1.99E-05	4.49E-04	2.28E-02	2.11E-03	2.72E-02
1409	NG_105	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.707	1.44E-01	2.87E-01	Not Modelled	5.92E-02	1.33E-04	9.75E-02	1.44E-02	2.87E-03	2.87E-10	1.44E-03	3.43E-05	2.53E-05	7.04E-05	2.32E-04	1.37E-03	2.19E-05	4.95E-04	2.51E-02	2.33E-03	3.00E-02
1410	NG_106	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.707	1.57E-01	3.14E-01	Not Modelled	6.37E-02	1.45E-04	1.05E-01	1.57E-02	3.14E-03	3.14E-10	1.57E-03	3.76E-05	2.77E-05	7.71E-05	2.54E-04	1.50E-03	2.40E-05	5.42E-04	2.75E-02	2.55E-03	3.28E-02
1411	NG_107	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.707	1.71E-01	3.42E-01	Not Modelled	6.84E-02	1.58E-04	1.12E-01	1.71E-02	3.42E-03	3.42E-10	1.71E-03	4.09E-05	3.02E-05	8.39E-05	2.76E-04	1.63E-03	2.61E-05	5.90E-04	2.99E-02	2.77E-03	3.57E-02
1412	NG_108	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.707	1.87E-01	3.75E-01	Not Modelled	7.40E-02	1.73E-04	1.20E-01	1.87E-02	3.74E-03	3.74E-10	1.87E-03	4.48E-05	3.30E-05	9.18E-05	3.02E-04	1.79E-03	2.86E-05	6.46E-04	3.28E-02	3.04E-03	3.91E-02
1413	NG_109	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.707	2.01E-01	4.03E-01	Not Modelled	7.85E-02	1.86E-04	1.26E-01	2.01E-02	4.03E-03	4.03E-10	2.01E-03	4.82E-05	3.55E-05	9.88E-05	3.25E-04	1.92E-03	3.08E-05	6.94E-04	3.53E-02	3.27E-03	4.20E-02
1414	NG_110	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.707	2.17E-01	4.35E-01	Not Modelled	8.33E-02	2.01E-04	1.33E-01	2.17E-02	4.35E-03	4.35E-10	2.17E-03	5.20E-05	3.83E-05	1.07E-04	3.51E-04	2.08E-03	3.32E-05	7.49E-04	3.80E-02	3.52E-03	4.54E-02
1415	NG_111	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.707	2.37E-01	4.74E-01	Not Modelled	8.92E-02	2.19E-04	1.41E-01	2.37E-02	4.74E-03	4.74E-10	2.37E-03	5.67E-05	4.18E-05	1.16E-04	3.83E-04	2.26E-03	3.62E-05	8.17E-04	4.15E-02	3.84E-03	4.95E-02
1416	NG_112	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.707	2.60E-01	5.21E-01	Not Modelled	9.63E-02	2.41E-04	1.51E-01	2.60E-02	5.21E-03	5.21E-10	2.61E-03	6.23E-05	4.59E-05	1.28E-04	4.21E-04	2.49E-03	3.98E-05	8.98E-04	4.56E-02	4.23E-03	5.44E-02
1417	NG_113	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.707	2.86E-01	5.72E-01	Not Modelled	1.04E-01	2.65E-04	1.61E-01	2.86E-02	5.72E-03	5.72E-10	2.86E-03	6.84E-05	5.04E-05	1.40E-04	4.62E-04	2.73E-03	4.37E-05	9.86E-04	5.01E-02	4.64E-03	5.97E-02
1418	NG_114	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.707	3.14E-01	6.29E-01	Not Modelled	1.12E-01	2.91E-04	1.73E-01	3.14E-02	6.28E-03	6.28E-10	3.14E-03	7.52E-05	5.54E-05	1.54E-04	5.07E-04	3.00E-03	4.80E-05	1.08E-03	5.50E-02	5.10E-03	6.56E-02
1419	NG_115	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.707	3.42E-01	6.84E-01	Not Modelled	1.21E-01	3.16E-04	1.84E-01	3.42E-02	6.84E-03	6.84E-10	3.42E-03	8.18E-05	6.02E-05	1.68E-04	5.52E-04	3.26E-03	5.22E-05	1.18E-03	5.98E-02	5.54E-03	7.13E-02
1420	NG_116	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.707	3.64E-01	7.29E-01	Not Modelled	1.28E-01	3.37E-04	1.93E-01	3.64E-02	7.29E-03	7.29E-10	3.65E-03	8.72E-05	6.42E-05	1.79E-04	5.89E-04	3.48E-03	5.57E-05	1.26E-03	6.38E-02	5.91E-03	7.61E-02
1421	NG_117	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.707	3.84E-01	7.69E-01	Not Modelled	1.34E-01	3.55E-04	2.02E-01	3.84E-02	7.68E-03	7.68E-10	3.84E-03	9.19E-05	6.77E-05	1.88E-04	6.20E-04	3.67E-03	5.87E-05	1.32E-03	6.73E-02	6.23E-03	8.02E-02
1422	NG_118	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.707	4.00E-01	8.00E-01	Not Modelled	1.39E-01	3.70E-04	2.08E-01	4.00E-02	8.00E-03	8.00E-10	4.00E-03	9.57E-05	7.05E-05	1.96E-04	6.46E-04	3.82E-03	6.11E-05	1.38E-03	7.00E-02	6.49E-03	8.35E-02
1423	NG_119	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.707	4.07E-01	8.15E-01	Not Modelled	1.42E-01	3.77E-04	2.11E-01	4.07E-02	8.15E-03	8.15E-10	4.08E-03	9.75E-05	7.18E-05	2.00E-04	6.58E-04	3.89E-03	6.22E-05	1.40E-03	7.13E-02	6.61E-03	8.50E-02
1424	NG_120	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.707	4.13E-01	8.25E-01	Not Modelled	1.45E-01	3.82E-04	2.14E-01	4.13E-02	8.25E-03	8.25E-10	4.13E-03	9.87E-05	7.27E-05	2.02E-04	6.66E-04	3.94E-03	6.30E-05	1.42E-03	7.22E-02	6.69E-03	8.61E-02
1425	NG_121	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.707	4.13E-01	8.25E-01	Not Modelled	1.46E-01	3.82E-04	2.14E-01	4.13E-02	8.25E-03	8.25E-10	4.13E-03	9.87E-05	7.27E-05	2.02E-04	6.66E-04	3.94E-03	6.30E-05	1.42E-03	7.22E-02	6.69E-03	8.61E-02
1426	NG_122	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.707	4.02E-01	8.05E-01	Not Modelled	1.44E-01	3.72E-04	2.09E-01	4.02E-02	8.05E-03	8.05E-10	4.02E-03	9.63E-05	7.09E-05	1.97E-04	6.50E-04	3.84E-03	6.14E-05	1.39E-03	7.04E-02	6.53E-03	8.40E-02
1427	NG_123	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.707	3.89E-01	7.78E-01	Not Modelled	1.40E-01	3.60E-04	2.02E-01	3.89E-02	7.78E-03	7.78E-10	3.89E-03	9.31E-05	6.86E-05	1.91E-04	6.28E-04	3.72E-03	5.94E-05	1.34E-03	6.81E-02	6.31E-03	8.12E-02
1428	NG_124	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.757	1.46E-01	2.93E-01	Not Modelled	7.43E-02	1.36E-04	1.07E-01	1.46E-02	2.93E-03	2.93E-10	1.47E-03	3.50E-05	2.58E-05	7.18E-05	2.37E-04	1.40E-03	2.24E-05	5.05E-04	2.56E-02	2.38E-03	3.06E-02
1429	NG_125	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.757	1.45E-01	2.91E-01	Not Modelled	7.47E-02	1.35E-04	1.08E-01	1.46E-02	2.91E-03	2.91E-10	1.46E-03	3.48E-05	2.57E-05	7.14E-05	2.35E-04	1.39E-03	2.22E-05	5.02E-04	2.55E-02	2.36E-03	3.04E-02
1430	NG_126	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.757	1.43E-01	2.86E-01	Not Modelled	7.41E-02	1.32E-04	1.08E-01	1.43E-02	2.86E-03	2.86E-10	1.43E-03	3.42E-05	2.52E-05	7.01E-05	2.31E-04	1.36E-03	2.18E-05	4.93E-04	2.50E-02	2.32E-03	2.98E-02
1431	NG_127	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.757	1.39E-01	2.78E-01	Not Modelled	7.26E-02	1.29E-04	1.06E-01	1.39E-02	2.78E-03	2.78E-10	1.39E-03	3.32E-05	2.45E-05	6.82E-05	2.24E-04	1.33E-03	2.12E-05	4.79E-04	2.43E-02	2.26E-03	2.90E-02
1432	NG_128	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.757	1.35E-01	2.69E-01	Not Modelled	7.08E-02	1.25E-04	1.04E-01	1.35E-02	2.69E-03	2.69E-10	1.35E-03	3.22E-05	2.37E-05	6.60E-05	2.17E-04	1.29E-03	2.06E-05	4.64E-04	2.36E-02	2.18E-03	2.81E-02
1433	NG_129	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.757	1.31E-01	2.62E-01	Not Modelled	6.90E-02	1.21E-04	1.02E-01	1.31E-02	2.61E-03	2.61E-10	1.31E-03	3.13E-05	2.30E-05	6.41E-05	2.11E-04	1.25E-03	2.00E-05	4.51E-04	2.29E-02	2.12E-03	2.73E-02
1434	NG_130	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.757	1.27E-01	2.54E-01	Not Modelled	6.71E-02	1.17E-04	9.97E-02	1.27E-02	2.54E-03	2.54E-10	1.27E-03	3.03E-05	2.24E-05	6.22E-05	2.05E-04	1.21E-03	1.94E-05	4.37E-04	2.22E-02	2.06E-03	2.65E-02
1435	NG_131	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.757	1.22E-01	2.44E-01	Not Modelled	6.44E-02	1.13E-04	9.64E-02	1.22E-02	2.44E-03	2.44E-10	1.22E-03	2.92E-05	2.15E-05	5.98E-05	1.97E-04	1.16E-03	1.86E-05	4.20E-04	2.14E-02	1.98E-03	2.55E-02
1436	NG_132	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.757	1.18E-01	2.35E-01	Not Modelled	6.20E-02	1.09E-04	9.35E-02	1.18E-02	2.35E-03	2.35E-10	1.18E-03	2.81E-05	2.07E-05	5.77E-05	1.90E-04	1.12E-03	1.80E-05	4.05E-04	2.06E-02	1.91E-03	2.46E-02
1437	NG_133	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.757	1.13E-01	2.27E-01	Not Modelled	5.94E-02	1.05E-04	9.05E-02	1.13E-02	2.27E-03	2.27E-10	1.13E-03	2.71E-05	2.00E-05	5.56E-05	1.83E-04	1.08E-03	1.73E-05	3.91E-04	1.98E-02	1.84E-03	2.37E-02
1438	NG_134	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.757	1.10E-01	2.20E-01	Not Modelled	5.73E-02	1.02E-04	8.81E-02	1.10E-02	2.20E-03	2.20E-10	1.10E-03	2.63E-05	1.94E-05	5.40E-05	1.78E-04	1.05E-03	1.68E-05	3.79E-04	1.93E-02	1.79E-03	2.30E-02
1439	NG_135	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.757	1.07E-01	2.14E-01	Not Modelled	5.52E-02	9.90E-05	8.58E-02	1.07E-02	2.14E-03	2.14E-10	1.07E-03	2.56E-05	1.89E-05	5.25E-05	1.73E-04	1.02E-03	1.63E-05	3.69E-04	1.87E-02	1.74E-03	2.23E-02
1440	NG_136	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.757	1.04E-01	2.09E-01	Not Modelled	5.33E-02	9.67E-05	8.38E-02	1.04E-02	2.09E-03	2.09E-10	1.05E-03	2.50E-05	1.84E-05	5.12E-05	1.69E-04	9.97E-04	1.59E-05	3.60E-04	1.83E-02	1.69E-03	2.18E-02
1441	NG_137	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.757	1.01E-01	2.02E-01	Not Modelled	5.08E-02	9.34E-05	8.07E-02	1.01E-02	2.02E-03	2.02E-10	1.01E-03	2.42E-05	1.78E-05	4.95E-05	1.63E-04	9.64E-04	1.54E-05	3.48E-04	1.77E-02	1.64E-03	2.11E-02
1442	NG_138	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.757	9.83E-02	1.97E-01	Not Modelled	4.88E-02	9.10E-05	7.82E-02	9.83E-03	1.97E-03	1.97E-10	9.83E-04	2.35E-05	1.73E-05	4.82E-05	1.59E-04	9.39E-04	1.50E-05	3.39E-04	1.72E-02	1.59E-03	2.05E-02
1443	NG_139	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.757	9.70E-02	1.94E-01	Not Modelled	4.74E-02	8.98E-05	7.67E-02	9.70E-03	1.94E-03	1.94E-10	9.71E-04	2.32E-05	1.71E-05	4.76E-05	1.57E-04	9.27E-04	1.48E-05	3.35E-04	1.70E-02	1.57E-03	2.03E-02
1444	NG_140	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.757	9.76E-02	1.95E-01	Not Modelled	4.68E-02	9.04E-05	7.64E-02	9.77E-03	1.95E-03	1.95E-10	9.77E-04	2.34E-05	1.72E-05	4.79E-05	1.58E-04	9.33E-04	1.49E-05	3.37E-04	1.71E-02	1.58E-03	2.04E-02
1445	NG_141	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.757	9.99E-02	2.00E-01	Not Modelled	4.67E-02	9.24E-05	7.69E-02	9.99E-03	2.00E-03	2.00E-10	9.99E-04	2.39E-05	1.76E-05	4.90E-05	1.61E-04	9.54E-04	1.53E-05	3.44E-04	1.75E-02	1.62E-03	2.09E-02
1446	NG_142	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.757	1.05E-01	2.10E-01	Not Modelled	4.78E-02	9.72E-05	7.90E-02	1.05E-02	2.10E-03	2.10E-10	1.05E-03	2.51E-05	1.85E-05	5.15E-05	1.70E-04	1.00E-03	1.60E-05	3.62E-04	1.84E-02	1.70E-03	2.19E-02
1447	NG_143	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.757	1.15E-01	2.30E-01	Not Modelled	5.09E-02	1.07E-04	8.45E-02	1.15E-02	2.30E-03	2.30E-10	1.15E-03	2.76E-05	2.03E-05	5.65E-05	1.86E-04	1.10E-03	1.76E-05	3.97E-04	2.02E-02	1.87E-03	2.40E-02
1448	NG_144	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.757	1.29E-01	2.58E-01	Not Modelled	5.54E-02	1.19E-04	9.22E-02	1.29E-02	2.57E-03	2.57E-10	1.29E-03	3.08E-05	2.27E-05	6.31E-05	2.08E-04	1.23E-03	1.97E-05	4.44E-04	2.25E-02	2.09E-03	2.69E-02
1449	NG_145	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.757	1.44E-01	2.88E-01	Not Modelled	6.04E-02	1.33E-04	1.01E-01	1.44E-02	2.87E-03	2.87E-10	1.44E-03	3.44E-05	2.53E-05	7.05E-05	2.32E-04	1.37E-03	2.19E-05	4.96E-04	2.52E-02	2.33E-03	3.00E-02
1450	NG_146	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.757	1.59E-01	3.18E-01	Not Modelled	6.55E-02	1.47E-04	1.09E-01	1.59E-02	3.18E-03	3.18E-10	1.59E-03	3.80E-05	2.80E-05	7.80E-05	2.57E-04	1.52E-03	2.43E-05	5.48E-04	2.78E-02	2.58E-03	3.32E-02
1451	NG_147	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.757	1.75E-01	3.51E-01	Not Modelled	7.10E-02	1.62E-04	1.18E-01	1.75E-02	3.50E-03	3.50E-10	1.75E-03	4.19E-05	3.09E-05	8.60E-05	2.83E-04	1.67E-03	2.68E-05	6.04E-04	3.07E-02	2.84E-03	3.66E-02
1452	NG_148	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.757	1.92E-01	3.84E-01	Not Modelled	7.67E-02	1.78E-04	1.26E-01	1.92E-02	3.84E-03	3.84E-10	1.92E-03	4.59E-05	3.38E-05	9.41E-05	3.10E-04	1.83E-03	2.93E-05	6.62E-04	3.36E-02	3.11E-03	4.01E-02
1453	NG_149	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.757	2.09E-01	4.19E-01	Not Modelled	8.25E-02	1.94E-04	1.35E-01	2.09E-02	4.19E-03	4.19E-10	2.10E-03	5.01E-05	3.69E-05	1.03E-04	3.38E-04	2.00E-03	3.20E-05	7.22E-04	3.67E-02	3.40E-03	4.37E-02
1454	NG_150	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.757	2.28E-01	4.56E-01	Not Modelled	8.84E-02	2.11E-04	1.43E-01	2.28E-02	4.56E-03	4.56E-10	2.28E-03	5.46E-05	4.02E-05	1.12E-04	3.68E-04	2.18E-03	3.48E-05	7.86E-04	3.99E-02	3.70E-03	4.76E-02
1455	NG_151	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.757	2.49E-01	4.98E-01	Not Modelled	9.47E-02	2.30E-04	1.52E-01	2.49E-02	4.98E-03	4.98E-10	2.49E-03	5.96E-05	4.39E-05	1.22E-04	4.02E-04	2.38E-03	3.80E-05	8.58E-04	4.36E-02	4.04E-03	5.20E-02
1456	NG_152	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.757	2.73E-01	5.47E-01	Not Modelled	1.02E-01	2.53E-04	1.62E-01	2.73E-02	5.47E-03	5.47E-10	2.74E-03	6.54E-05	4.82E-05	1.34E-04	4.42E-04	2.61E-03	4.18E-05	9.43E-04	4.79E-02	4.44E-03	5.71E-02
1457	NG_153	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.757	3.01E-01	6.03E-01	Not Modelled	1.10E-01	2.79E-04	1.74E-01	3.01E-02	6.02E-03	6.02E-10	3.01E-03	7.21E-05	5.31E-05	1.48E-04	4.86E-04	2.88E-03	4.60E-05	1.04E-03	5.27E-02	4.89E-03	6.29E-02
1458	NG_154	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.757	3.30E-01	6.59E-01	Not Modelled	1.18E-01	3.05E-04	1.85E-01	3.30E-02	6.59E-03	6.59E-10	3.30E-03	7.89E-05	5.81E-05	1.62E-04	5.32E-04	3.15E-03	5.03E-05	1.14E-03	5.77E-02	5.35E-03	6.88E-02
1459	NG_155	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.757	3.61E-01	7.22E-01	Not Modelled	1.28E-01	3.34E-04	1.99E-01	3.61E-02	7.22E-03	7.22E-10	3.61E-03	8.64E-05	6.37E-05	1.77E-04	5.83E-04	3.45E-03	5.52E-05	1.25E-03	6.32E-02	5.86E-03	7.54E-02
1460	NG_156	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.757	3.91E-01	7.82E-01	Not Modelled	1.37E-01	3.62E-04	2.12E-01	3.91E-02	7.82E-03	7.82E-10	3.91E-03	9.36E-05	6.89E-05	1.92E-04	6.32E-04	3.74E-03	5.97E-05	1.35E-03	6.85E-02	6.35E-03	8.16E-02
1461	NG_157	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.757	4.16E-01	8.32E-01	Not Modelled	1.46E-01	3.85E-04	2.22E-01	4.16E-02	8.32E-03	8.32E-10	4.16E-03	9.96E-05	7.34E-05	2.04E-04	6.72E-04	3.97E-03	6.35E-05	1.43E-03	7.29E-02	6.75E-03	8.69E-02
1462	NG_158	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.757	4.35E-01	8.70E-01	Not Modelled	1.52E-01	4.02E-04	2.31E-01	4.35E-02	8.69E-03	8.69E-10	4.35E-03	1.04E-04	7.66E-05	2.13E-04	7.02E-04	4.15E-03	6.64E-05	1.50E-03	7.61E-02	7.05E-03	9.07E-02
1463	NG_159	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.757	4.47E-01	8.95E-01	Not Modelled	1.57E-01	4.14E-04	2.37E-01	4.47E-02	8.95E-03	8.95E-10	4.48E-03	1.07E-04	7.89E-05	2.19E-04	7.23E-04	4.27E-03	6.83E-05	1.54E-03	7.83E-02	7.26E-03	9.34E-02
1464	NG_160	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.757	4.51E-01	9.02E-01	Not Modelled	1.59E-01	4.17E-04	2.38E-01	4.51E-02	9.01E-03	9.01E-10	4.51E-03	1.08E-04	7.94E-05	2.21E-04	7.28E-04	4.30E-03	6.88E-05	1.55E-03	7.89E-02	7.31E-03	9.41E-02
1465	NG_161	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.757	4.50E-01	9.01E-01	Not Modelled	1.60E-01	4.17E-04	2.38E-01	4.51E-02	9.01E-03	9.01E-10	4.51E-03	1.08E-04	7.94E-05	2.21E-04	7.28E-04	4.30E-03	6.88E-05	1.55E-03	7.89E-02	7.31E-03	9.40E-02
1466	NG_162	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.757	4.47E-01	8.93E-01	Not Modelled	1.60E-01	4.13E-04	2.36E-01	4.47E-02	8.93E-03	8.93E-10	4.47E-03	1.07E-04	7.87E-05	2.19E-04	7.21E-04	4.26E-03	6.82E-05	1.54E-03	7.82E-02	7.24E-03	9.32E-02
1467	NG_163	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.757	4.33E-01	8.66E-01	Not Modelled	1.56E-01	4.00E-04	2.29E-01	4.33E-02	8.65E-03	8.65E-10	4.33E-03	1.04E-04	7.63E-05	2.12E-04	6.99E-04	4.13E-03	6.61E-05	1.49E-03	7.58E-02	7.02E-03	9.03E-02
1468	NG_164	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.757	4.16E-01	8.33E-01	Not Modelled	1.52E-01	3.85E-04	2.21E-01	4.16E-02	8.33E-03	8.33E-10	4.16E-03	9.96E-05	7.34E-05	2.04E-04	6.72E-04	3.98E-03	6.36E-05	1.44E-03	7.29E-02	6.75E-03	8.69E-02
1469	NG_165	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.807	1.56E-01	3.12E-01	Not Modelled	7.74E-02	1.44E-04	1.13E-01	1.56E-02	3.12E-03	3.12E-10	1.56E-03	3.73E-05	2.75E-05	7.65E-05	2.52E-04	1.49E-03	2.38E-05	5.37E-04	2.73E-02	2.53E-03	3.26E-02
1470	NG_166	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.807	1.56E-01	3.12E-01	Not Modelled	7.83E-02	1.44E-04	1.15E-01	1.56E-02	3.12E-03	3.12E-10	1.56E-03	3.73E-05	2.75E-05	7.65E-05	2.52E-04	1.49E-03	2.38E-05	5.37E-04	2.73E-02	2.53E-03	3.25E-02
1471	NG_167	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.807	1.55E-01	3.10E-01	Not Modelled	7.88E-02	1.43E-04	1.16E-01	1.55E-02	3.10E-03	3.10E-10	1.55E-03	3.71E-05	2.73E-05	7.60E-05	2.50E-04	1.48E-03	2.37E-05	5.34E-04	2.71E-02	2.51E-03	3.23E-02
1472	NG_168	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.807	1.54E-01	3.07E-01	Not Modelled	7.91E-02	1.42E-04	1.17E-01	1.54E-02	3.07E-03	3.07E-10	1.54E-03	3.67E-05	2.71E-05	7.53E-05	2.48E-04	1.47E-03	2.35E-05	5.30E-04	2.69E-02	2.49E-03	3.21E-02
1473	NG_169	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.807	1.51E-01	3.02E-01	Not Modelled	7.83E-02	1.40E-04	1.16E-01	1.51E-02	3.01E-03	3.01E-10	1.51E-03	3.61E-05	2.66E-05	7.39E-05	2.43E-04	1.44E-03	2.30E-05	5.19E-04	2.64E-02	2.45E-03	3.15E-02
1474	NG_170	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.807	1.47E-01	2.93E-01	Not Modelled	7.67E-02	1.36E-04	1.14E-01	1.47E-02	2.93E-03	2.93E-10	1.47E-03	3.51E-05	2.58E-05	7.19E-05	2.37E-04	1.40E-03	2.24E-05	5.05E-04	2.57E-02	2.38E-03	3.06E-02
1475	NG_171	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.807	1.42E-01	2.85E-01	Not Modelled	7.48E-02	1.32E-04	1.12E-01	1.42E-02	2.84E-03	2.84E-10	1.42E-03	3.40E-05	2.51E-05	6.97E-05	2.30E-04	1.36E-03	2.17E-05	4.90E-04	2.49E-02	2.31E-03	2.97E-02
1476	NG_172	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.807	1.39E-01	2.77E-01	Not Modelled	7.32E-02	1.28E-04	1.11E-01	1.39E-02	2.77E-03	2.77E-10	1.39E-03	3.31E-05	2.44E-05	6.79E-05	2.24E-04	1.32E-03	2.11E-05	4.77E-04	2.43E-02	2.25E-03	2.89E-02
1477	NG_173	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.807	1.34E-01	2.68E-01	Not Modelled	7.06E-02	1.24E-04	1.08E-01	1.34E-02	2.67E-03	2.67E-10	1.34E-03	3.20E-05	2.36E-05	6.56E-05	2.16E-04	1.28E-03	2.04E-05	4.61E-04	2.34E-02	2.17E-03	2.79E-02
1478	NG_174	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.807	1.29E-01	2.59E-01	Not Modelled	6.80E-02	1.20E-04	1.05E-01	1.29E-02	2.58E-03	2.58E-10	1.29E-03	3.09E-05	2.28E-05	6.34E-05	2.09E-04	1.23E-03	1.97E-05	4.45E-04	2.26E-02	2.10E-03	2.70E-02
1479	NG_175	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.807	1.24E-01	2.49E-01	Not Modelled	6.51E-02	1.15E-04	1.01E-01	1.24E-02	2.49E-03	2.49E-10	1.25E-03	2.98E-05	2.19E-05	6.11E-05	2.01E-04	1.19E-03	1.90E-05	4.29E-04	2.18E-02	2.02E-03	2.60E-02
1480	NG_176	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.807	1.22E-01	2.44E-01	Not Modelled	6.32E-02	1.13E-04	9.93E-02	1.22E-02	2.43E-03	2.43E-10	1.22E-03	2.91E-05	2.15E-05	5.97E-05	1.97E-04	1.16E-03	1.86E-05	4.19E-04	2.13E-02	1.97E-03	2.54E-02

AQIA DATA - SCENARIO 2 GRID MAX

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**4.73E-09**	**2.37E-02**	**5.66E-04**	**4.17E-04**	**1.16E-03**	**3.82E-03**	**2.26E-02**	**3.61E-04**	**8.15E-03**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1481	NG_177	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.807	1.18E-01	2.36E-01	Not Modelled	6.05E-02	1.09E-04	9.61E-02	1.18E-02	2.36E-03	2.36E-10	1.18E-03	2.82E-05	2.08E-05	5.79E-05	1.91E-04	1.13E-03	1.80E-05	4.07E-04	2.07E-02	1.91E-03	2.46E-02
1482	NG_178	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.807	1.14E-01	2.29E-01	Not Modelled	5.80E-02	1.06E-04	9.30E-02	1.15E-02	2.29E-03	2.29E-10	1.15E-03	2.74E-05	2.02E-05	5.62E-05	1.85E-04	1.09E-03	1.75E-05	3.95E-04	2.00E-02	1.86E-03	2.39E-02
1483	NG_179	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.807	1.11E-01	2.22E-01	Not Modelled	5.52E-02	1.02E-04	8.94E-02	1.11E-02	2.21E-03	2.21E-10	1.11E-03	2.65E-05	1.95E-05	5.43E-05	1.79E-04	1.06E-03	1.69E-05	3.82E-04	1.94E-02	1.80E-03	2.31E-02
1484	NG_180	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.807	1.09E-01	2.18E-01	Not Modelled	5.34E-02	1.01E-04	8.75E-02	1.09E-02	2.18E-03	2.18E-10	1.09E-03	2.61E-05	1.92E-05	5.35E-05	1.76E-04	1.04E-03	1.66E-05	3.76E-04	1.91E-02	1.77E-03	2.27E-02
1485	NG_181	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.807	1.09E-01	2.18E-01	Not Modelled	5.23E-02	1.01E-04	8.64E-02	1.09E-02	2.18E-03	2.18E-10	1.09E-03	2.60E-05	1.92E-05	5.34E-05	1.76E-04	1.04E-03	1.66E-05	3.75E-04	1.91E-02	1.77E-03	2.27E-02
1486	NG_182	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.807	1.12E-01	2.24E-01	Not Modelled	5.24E-02	1.03E-04	8.73E-02	1.12E-02	2.23E-03	2.23E-10	1.12E-03	2.67E-05	1.97E-05	5.48E-05	1.80E-04	1.07E-03	1.71E-05	3.85E-04	1.96E-02	1.81E-03	2.33E-02
1487	NG_183	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.807	1.18E-01	2.36E-01	Not Modelled	5.38E-02	1.09E-04	9.01E-02	1.18E-02	2.36E-03	2.36E-10	1.18E-03	2.82E-05	2.08E-05	5.79E-05	1.90E-04	1.13E-03	1.80E-05	4.07E-04	2.07E-02	1.91E-03	2.46E-02
1488	NG_184	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.807	1.29E-01	2.58E-01	Not Modelled	5.71E-02	1.19E-04	9.60E-02	1.29E-02	2.58E-03	2.58E-10	1.29E-03	3.09E-05	2.27E-05	6.33E-05	2.08E-04	1.23E-03	1.97E-05	4.45E-04	2.26E-02	2.09E-03	2.69E-02
1489	NG_185	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.807	1.45E-01	2.89E-01	Not Modelled	6.22E-02	1.34E-04	1.05E-01	1.45E-02	2.89E-03	2.89E-10	1.45E-03	3.46E-05	2.55E-05	7.09E-05	2.34E-04	1.38E-03	2.21E-05	4.99E-04	2.53E-02	2.35E-03	3.02E-02
1490	NG_186	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.807	1.63E-01	3.26E-01	Not Modelled	6.86E-02	1.51E-04	1.16E-01	1.63E-02	3.26E-03	3.26E-10	1.63E-03	3.90E-05	2.87E-05	8.00E-05	2.63E-04	1.56E-03	2.49E-05	5.62E-04	2.86E-02	2.65E-03	3.40E-02
1491	NG_187	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.807	1.81E-01	3.62E-01	Not Modelled	7.46E-02	1.68E-04	1.26E-01	1.81E-02	3.62E-03	3.62E-10	1.81E-03	4.33E-05	3.19E-05	8.88E-05	2.92E-04	1.73E-03	2.77E-05	6.24E-04	3.17E-02	2.94E-03	3.78E-02
1492	NG_188	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.807	1.97E-01	3.95E-01	Not Modelled	7.99E-02	1.83E-04	1.34E-01	1.97E-02	3.95E-03	3.95E-10	1.97E-03	4.72E-05	3.48E-05	9.68E-05	3.19E-04	1.89E-03	3.02E-05	6.81E-04	3.46E-02	3.20E-03	4.12E-02
1493	NG_189	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.807	2.16E-01	4.32E-01	Not Modelled	8.60E-02	2.00E-04	1.43E-01	2.16E-02	4.32E-03	4.32E-10	2.16E-03	5.17E-05	3.81E-05	1.06E-04	3.49E-04	2.06E-03	3.30E-05	7.44E-04	3.78E-02	3.50E-03	4.51E-02
1494	NG_190	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.807	2.37E-01	4.74E-01	Not Modelled	9.31E-02	2.19E-04	1.54E-01	2.37E-02	4.74E-03	4.74E-10	2.37E-03	5.67E-05	4.18E-05	1.16E-04	3.83E-04	2.26E-03	3.62E-05	8.17E-04	4.15E-02	3.84E-03	4.95E-02
1495	NG_191	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.807	2.62E-01	5.25E-01	Not Modelled	1.01E-01	2.43E-04	1.66E-01	2.62E-02	5.25E-03	5.25E-10	2.62E-03	6.28E-05	4.62E-05	1.29E-04	4.24E-04	2.51E-03	4.01E-05	9.05E-04	4.59E-02	4.26E-03	5.48E-02
1496	NG_192	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.807	2.89E-01	5.78E-01	Not Modelled	1.09E-01	2.67E-04	1.77E-01	2.89E-02	5.77E-03	5.77E-10	2.89E-03	6.91E-05	5.09E-05	1.42E-04	4.66E-04	2.76E-03	4.41E-05	9.95E-04	5.05E-02	4.68E-03	6.02E-02
1497	NG_193	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.807	3.19E-01	6.38E-01	Not Modelled	1.18E-01	2.95E-04	1.89E-01	3.19E-02	6.37E-03	6.37E-10	3.19E-03	7.63E-05	5.62E-05	1.56E-04	5.15E-04	3.04E-03	4.87E-05	1.10E-03	5.58E-02	5.17E-03	6.65E-02
1498	NG_194	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.807	3.51E-01	7.02E-01	Not Modelled	1.27E-01	3.25E-04	2.02E-01	3.51E-02	7.02E-03	7.02E-10	3.51E-03	8.40E-05	6.19E-05	1.72E-04	5.67E-04	3.35E-03	5.36E-05	1.21E-03	6.15E-02	5.69E-03	7.33E-02
1499	NG_195	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.807	3.85E-01	7.71E-01	Not Modelled	1.37E-01	3.56E-04	2.16E-01	3.85E-02	7.70E-03	7.70E-10	3.85E-03	9.22E-05	6.79E-05	1.89E-04	6.22E-04	3.68E-03	5.88E-05	1.33E-03	6.74E-02	6.25E-03	8.04E-02
1500	NG_196	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.807	4.20E-01	8.41E-01	Not Modelled	1.48E-01	3.89E-04	2.31E-01	4.20E-02	8.40E-03	8.40E-10	4.20E-03	1.01E-04	7.41E-05	2.06E-04	6.79E-04	4.01E-03	6.42E-05	1.45E-03	7.36E-02	6.82E-03	8.77E-02
1501	NG_197	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.807	4.51E-01	9.03E-01	Not Modelled	1.58E-01	4.17E-04	2.46E-01	4.51E-02	9.02E-03	9.02E-10	4.51E-03	1.08E-04	7.95E-05	2.21E-04	7.29E-04	4.31E-03	6.89E-05	1.56E-03	7.90E-02	7.32E-03	9.42E-02
1502	NG_198	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.807	4.75E-01	9.50E-01	Not Modelled	1.67E-01	4.39E-04	2.57E-01	4.75E-02	9.49E-03	9.49E-10	4.75E-03	1.14E-04	8.37E-05	2.33E-04	7.67E-04	4.53E-03	7.25E-05	1.64E-03	8.31E-02	7.70E-03	9.91E-02
1503	NG_199	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.807	4.92E-01	9.83E-01	Not Modelled	1.73E-01	4.55E-04	2.65E-01	4.92E-02	9.83E-03	9.83E-10	4.92E-03	1.18E-04	8.66E-05	2.41E-04	7.94E-04	4.69E-03	7.51E-05	1.69E-03	8.61E-02	7.97E-03	1.03E-01
1504	NG_200	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.807	5.01E-01	1.00E+00	Not Modelled	1.78E-01	4.63E-04	2.70E-01	5.01E-02	1.00E-02	1.00E-09	5.01E-03	1.20E-04	8.83E-05	2.46E-04	8.09E-04	4.78E-03	7.65E-05	1.73E-03	8.77E-02	8.13E-03	1.05E-01
1505	NG_201	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.807	5.04E-01	1.01E+00	Not Modelled	1.80E-01	4.66E-04	2.72E-01	5.04E-02	1.01E-02	1.01E-09	5.04E-03	1.21E-04	8.88E-05	2.47E-04	8.13E-04	4.81E-03	7.69E-05	1.74E-03	8.82E-02	8.17E-03	1.05E-01
1506	NG_202	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.807	4.97E-01	9.95E-01	Not Modelled	1.79E-01	4.60E-04	2.69E-01	4.97E-02	9.95E-03	9.95E-10	4.98E-03	1.19E-04	8.77E-05	2.44E-04	8.03E-04	4.75E-03	7.60E-05	1.72E-03	8.71E-02	8.07E-03	1.04E-01
1507	NG_203	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.807	4.84E-01	9.68E-01	Not Modelled	1.76E-01	4.48E-04	2.62E-01	4.84E-02	9.68E-03	9.68E-10	4.84E-03	1.16E-04	8.53E-05	2.37E-04	7.81E-04	4.62E-03	7.39E-05	1.67E-03	8.47E-02	7.85E-03	1.01E-01
1508	NG_204	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.807	4.64E-01	9.28E-01	Not Modelled	1.70E-01	4.29E-04	2.51E-01	4.64E-02	9.28E-03	9.28E-10	4.64E-03	1.11E-04	8.18E-05	2.28E-04	7.49E-04	4.43E-03	7.09E-05	1.60E-03	8.13E-02	7.53E-03	9.69E-02
1509	NG_205	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.807	4.44E-01	8.88E-01	Not Modelled	1.64E-01	4.11E-04	2.41E-01	4.44E-02	8.88E-03	8.88E-10	4.44E-03	1.06E-04	7.83E-05	2.18E-04	7.17E-04	4.24E-03	6.78E-05	1.53E-03	7.77E-02	7.20E-03	9.27E-02
1510	NG_206	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.857	1.65E-01	3.30E-01	Not Modelled	7.99E-02	1.52E-04	1.18E-01	1.65E-02	3.29E-03	3.29E-10	1.65E-03	3.94E-05	2.90E-05	8.08E-05	2.66E-04	1.57E-03	2.51E-05	5.68E-04	2.88E-02	2.67E-03	3.44E-02
1511	NG_207	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.857	1.67E-01	3.33E-01	Not Modelled	8.19E-02	1.54E-04	1.21E-01	1.67E-02	3.33E-03	3.33E-10	1.67E-03	3.98E-05	2.94E-05	8.17E-05	2.69E-04	1.59E-03	2.54E-05	5.74E-04	2.92E-02	2.70E-03	3.48E-02
1512	NG_208	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.857	1.68E-01	3.37E-01	Not Modelled	8.39E-02	1.56E-04	1.25E-01	1.68E-02	3.37E-03	3.37E-10	1.68E-03	4.03E-05	2.97E-05	8.26E-05	2.72E-04	1.61E-03	2.57E-05	5.80E-04	2.95E-02	2.73E-03	3.51E-02
1513	NG_209	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6366.857	1.69E-01	3.39E-01	Not Modelled	8.57E-02	1.57E-04	1.28E-01	1.70E-02	3.39E-03	3.39E-10	1.70E-03	4.05E-05	2.99E-05	8.31E-05	2.74E-04	1.62E-03	2.59E-05	5.84E-04	2.97E-02	2.75E-03	3.54E-02
1514	NG_210	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.857	1.68E-01	3.36E-01	Not Modelled	8.59E-02	1.55E-04	1.29E-01	1.68E-02	3.36E-03	3.36E-10	1.68E-03	4.02E-05	2.96E-05	8.24E-05	2.71E-04	1.60E-03	2.56E-05	5.79E-04	2.94E-02	2.72E-03	3.50E-02
1515	NG_211	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.857	1.64E-01	3.28E-01	Not Modelled	8.48E-02	1.52E-04	1.28E-01	1.64E-02	3.28E-03	3.28E-10	1.64E-03	3.92E-05	2.89E-05	8.04E-05	2.65E-04	1.57E-03	2.50E-05	5.65E-04	2.87E-02	2.66E-03	3.42E-02
1516	NG_212	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.857	1.61E-01	3.21E-01	Not Modelled	8.38E-02	1.49E-04	1.27E-01	1.61E-02	3.21E-03	3.21E-10	1.61E-03	3.84E-05	2.83E-05	7.88E-05	2.59E-04	1.53E-03	2.45E-05	5.54E-04	2.81E-02	2.61E-03	3.35E-02
1517	NG_213	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.857	1.58E-01	3.16E-01	Not Modelled	8.32E-02	1.46E-04	1.27E-01	1.58E-02	3.16E-03	3.16E-10	1.58E-03	3.78E-05	2.79E-05	7.75E-05	2.55E-04	1.51E-03	2.41E-05	5.45E-04	2.77E-02	2.57E-03	3.30E-02
1518	NG_214	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.857	1.54E-01	3.08E-01	Not Modelled	8.12E-02	1.42E-04	1.25E-01	1.54E-02	3.08E-03	3.08E-10	1.54E-03	3.68E-05	2.71E-05	7.54E-05	2.48E-04	1.47E-03	2.35E-05	5.30E-04	2.69E-02	2.50E-03	3.21E-02
1519	NG_215	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.857	1.48E-01	2.96E-01	Not Modelled	7.79E-02	1.37E-04	1.21E-01	1.48E-02	2.95E-03	2.95E-10	1.48E-03	3.53E-05	2.60E-05	7.24E-05	2.39E-04	1.41E-03	2.25E-05	5.09E-04	2.59E-02	2.40E-03	3.08E-02
1520	NG_216	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.857	1.42E-01	2.85E-01	Not Modelled	7.48E-02	1.32E-04	1.17E-01	1.42E-02	2.85E-03	2.85E-10	1.42E-03	3.41E-05	2.51E-05	6.98E-05	2.30E-04	1.36E-03	2.17E-05	4.91E-04	2.49E-02	2.31E-03	2.97E-02
1521	NG_217	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.857	1.38E-01	2.76E-01	Not Modelled	7.18E-02	1.27E-04	1.14E-01	1.38E-02	2.75E-03	2.75E-10	1.38E-03	3.29E-05	2.43E-05	6.75E-05	2.22E-04	1.31E-03	2.10E-05	4.75E-04	2.41E-02	2.23E-03	2.87E-02
1522	NG_218	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6366.857	1.34E-01	2.68E-01	Not Modelled	6.90E-02	1.24E-04	1.11E-01	1.34E-02	2.68E-03	2.68E-10	1.34E-03	3.20E-05	2.36E-05	6.56E-05	2.16E-04	1.28E-03	2.04E-05	4.61E-04	2.34E-02	2.17E-03	2.79E-02
1523	NG_219	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.857	1.29E-01	2.59E-01	Not Modelled	6.58E-02	1.20E-04	1.07E-01	1.29E-02	2.58E-03	2.58E-10	1.29E-03	3.09E-05	2.28E-05	6.34E-05	2.09E-04	1.23E-03	1.97E-05	4.46E-04	2.26E-02	2.10E-03	2.70E-02
1524	NG_220	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.857	1.25E-01	2.50E-01	Not Modelled	6.26E-02	1.16E-04	1.03E-01	1.25E-02	2.50E-03	2.50E-10	1.25E-03	2.99E-05	2.20E-05	6.13E-05	2.02E-04	1.19E-03	1.91E-05	4.31E-04	2.19E-02	2.03E-03	2.61E-02
1525	NG_221	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.857	1.22E-01	2.45E-01	Not Modelled	6.03E-02	1.13E-04	9.99E-02	1.22E-02	2.45E-03	2.45E-10	1.23E-03	2.93E-05	2.16E-05	6.01E-05	1.98E-04	1.17E-03	1.87E-05	4.22E-04	2.14E-02	1.99E-03	2.56E-02
1526	NG_222	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.857	1.23E-01	2.46E-01	Not Modelled	5.94E-02	1.14E-04	9.94E-02	1.23E-02	2.46E-03	2.46E-10	1.23E-03	2.94E-05	2.17E-05	6.03E-05	1.98E-04	1.17E-03	1.88E-05	4.24E-04	2.15E-02	1.99E-03	2.57E-02
1527	NG_223	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.857	1.25E-01	2.51E-01	Not Modelled	5.91E-02	1.16E-04	9.97E-02	1.25E-02	2.51E-03	2.51E-10	1.26E-03	3.00E-05	2.21E-05	6.15E-05	2.03E-04	1.20E-03	1.92E-05	4.33E-04	2.20E-02	2.04E-03	2.62E-02
1528	NG_224	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.857	1.32E-01	2.65E-01	Not Modelled	6.05E-02	1.22E-04	1.03E-01	1.32E-02	2.64E-03	2.64E-10	1.32E-03	3.16E-05	2.33E-05	6.49E-05	2.14E-04	1.26E-03	2.02E-05	4.56E-04	2.32E-02	2.15E-03	2.76E-02
1529	NG_225	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.857	1.46E-01	2.91E-01	Not Modelled	6.46E-02	1.35E-04	1.10E-01	1.46E-02	2.91E-03	2.91E-10	1.46E-03	3.48E-05	2.57E-05	7.14E-05	2.35E-04	1.39E-03	2.22E-05	5.02E-04	2.55E-02	2.36E-03	3.04E-02
1530	NG_226	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.857	1.65E-01	3.30E-01	Not Modelled	7.10E-02	1.52E-04	1.21E-01	1.65E-02	3.30E-03	3.30E-10	1.65E-03	3.94E-05	2.91E-05	8.08E-05	2.66E-04	1.57E-03	2.52E-05	5.68E-04	2.89E-02	2.67E-03	3.44E-02
1531	NG_227	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.857	1.88E-01	3.75E-01	Not Modelled	7.90E-02	1.74E-04	1.35E-01	1.88E-02	3.75E-03	3.75E-10	1.88E-03	4.49E-05	3.31E-05	9.20E-05	3.03E-04	1.79E-03	2.87E-05	6.47E-04	3.28E-02	3.04E-03	3.92E-02
1532	NG_228	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.857	2.08E-01	4.16E-01	Not Modelled	8.56E-02	1.92E-04	1.46E-01	2.08E-02	4.16E-03	4.16E-10	2.08E-03	4.98E-05	3.67E-05	1.02E-04	3.36E-04	1.99E-03	3.18E-05	7.17E-04	3.64E-02	3.37E-03	4.34E-02
1533	NG_229	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.857	2.25E-01	4.50E-01	Not Modelled	9.07E-02	2.08E-04	1.53E-01	2.25E-02	4.49E-03	4.49E-10	2.25E-03	5.38E-05	3.96E-05	1.10E-04	3.63E-04	2.15E-03	3.43E-05	7.75E-04	3.94E-02	3.65E-03	4.69E-02
1534	NG_230	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.857	2.45E-01	4.90E-01	Not Modelled	9.72E-02	2.27E-04	1.63E-01	2.45E-02	4.90E-03	4.90E-10	2.45E-03	5.86E-05	4.32E-05	1.20E-04	3.96E-04	2.34E-03	3.74E-05	8.45E-04	4.29E-02	3.97E-03	5.11E-02
1535	NG_231	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.857	2.72E-01	5.44E-01	Not Modelled	1.06E-01	2.52E-04	1.77E-01	2.72E-02	5.44E-03	5.44E-10	2.72E-03	6.51E-05	4.80E-05	1.33E-04	4.39E-04	2.60E-03	4.16E-05	9.38E-04	4.76E-02	4.41E-03	5.68E-02
1536	NG_232	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.857	3.03E-01	6.05E-01	Not Modelled	1.16E-01	2.80E-04	1.91E-01	3.03E-02	6.05E-03	6.05E-10	3.03E-03	7.24E-05	5.33E-05	1.48E-04	4.89E-04	2.89E-03	4.62E-05	1.04E-03	5.30E-02	4.91E-03	6.31E-02
1537	NG_233	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.857	3.35E-01	6.71E-01	Not Modelled	1.25E-01	3.10E-04	2.04E-01	3.35E-02	6.71E-03	6.71E-10	3.35E-03	8.02E-05	5.91E-05	1.64E-04	5.42E-04	3.20E-03	5.12E-05	1.16E-03	5.87E-02	5.44E-03	7.00E-02
1538	NG_234	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.857	3.72E-01	7.44E-01	Not Modelled	1.36E-01	3.44E-04	2.19E-01	3.72E-02	7.44E-03	7.44E-10	3.72E-03	8.90E-05	6.55E-05	1.82E-04	6.00E-04	3.55E-03	5.68E-05	1.28E-03	6.51E-02	6.03E-03	7.76E-02
1539	NG_235	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.857	4.10E-01	8.19E-01	Not Modelled	1.46E-01	3.79E-04	2.34E-01	4.10E-02	8.19E-03	8.19E-10	4.10E-03	9.80E-05	7.22E-05	2.01E-04	6.61E-04	3.91E-03	6.26E-05	1.41E-03	7.17E-02	6.65E-03	8.55E-02
1540	NG_236	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.857	4.48E-01	8.97E-01	Not Modelled	1.58E-01	4.15E-04	2.51E-01	4.48E-02	8.97E-03	8.97E-10	4.49E-03	1.07E-04	7.91E-05	2.20E-04	7.24E-04	4.28E-03	6.85E-05	1.55E-03	7.85E-02	7.28E-03	9.36E-02
1541	NG_237	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.857	4.89E-01	9.79E-01	Not Modelled	1.72E-01	4.53E-04	2.71E-01	4.89E-02	9.79E-03	9.79E-10	4.89E-03	1.17E-04	8.63E-05	2.40E-04	7.90E-04	4.67E-03	7.47E-05	1.69E-03	8.57E-02	7.94E-03	1.02E-01
1542	NG_238	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.857	5.18E-01	1.04E+00	Not Modelled	1.82E-01	4.79E-04	2.85E-01	5.18E-02	1.04E-02	1.04E-09	5.18E-03	1.24E-04	9.13E-05	2.54E-04	8.36E-04	4.94E-03	7.91E-05	1.79E-03	9.07E-02	8.40E-03	1.08E-01
1543	NG_239	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.857	5.36E-01	1.07E+00	Not Modelled	1.89E-01	4.96E-04	2.94E-01	5.36E-02	1.07E-02	1.07E-09	5.36E-03	1.28E-04	9.45E-05	2.63E-04	8.66E-04	5.12E-03	8.19E-05	1.85E-03	9.38E-02	8.70E-03	1.12E-01
1544	NG_240	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.857	5.50E-01	1.10E+00	Not Modelled	1.96E-01	5.09E-04	3.02E-01	5.50E-02	1.10E-02	1.10E-09	5.51E-03	1.32E-04	9.70E-05	2.70E-04	8.89E-04	5.26E-03	8.40E-05	1.90E-03	9.64E-02	8.93E-03	1.15E-01
1545	NG_241	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.857	5.62E-01	1.12E+00	Not Modelled	2.02E-01	5.20E-04	3.10E-01	5.62E-02	1.12E-02	1.12E-09	5.62E-03	1.34E-04	9.90E-05	2.76E-04	9.07E-04	5.36E-03	8.58E-05	1.94E-03	9.83E-02	9.11E-03	1.17E-01
1546	NG_242	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.857	5.58E-01	1.12E+00	Not Modelled	2.02E-01	5.16E-04	3.09E-01	5.58E-02	1.12E-02	1.12E-09	5.58E-03	1.34E-04	9.84E-05	2.74E-04	9.01E-04	5.33E-03	8.52E-05	1.92E-03	9.77E-02	9.05E-03	1.16E-01
1547	NG_243	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.857	5.46E-01	1.09E+00	Not Modelled	2.00E-01	5.06E-04	3.03E-01	5.46E-02	1.09E-02	1.09E-09	5.47E-03	1.31E-04	9.63E-05	2.68E-04	8.82E-04	5.22E-03	8.35E-05	1.88E-03	9.57E-02	8.87E-03	1.14E-01
1548	NG_244	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.857	5.25E-01	1.05E+00	Not Modelled	1.93E-01	4.86E-04	2.91E-01	5.25E-02	1.05E-02	1.05E-09	5.25E-03	1.26E-04	9.25E-05	2.57E-04	8.47E-04	5.01E-03	8.01E-05	1.81E-03	9.19E-02	8.51E-03	1.10E-01
1549	NG_245	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.857	4.91E-01	9.83E-01	Not Modelled	1.82E-01	4.54E-04	2.71E-01	4.91E-02	9.82E-03	9.82E-10	4.91E-03	1.18E-04	8.66E-05	2.41E-04	7.93E-04	4.69E-03	7.50E-05	1.69E-03	8.60E-02	7.97E-03	1.03E-01
1550	NG_246	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.857	4.65E-01	9.31E-01	Not Modelled	1.74E-01	4.30E-04	2.57E-01	4.65E-02	9.30E-03	9.30E-10	4.65E-03	1.11E-04	8.20E-05	2.28E-04	7.51E-04	4.44E-03	7.11E-05	1.60E-03	8.15E-02	7.55E-03	9.71E-02
1551	NG_247	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.907	1.73E-01	3.47E-01	Not Modelled	8.25E-02	1.61E-04	1.24E-01	1.73E-02	3.47E-03	3.47E-10	1.74E-03	4.15E-05	3.06E-05	8.50E-05	2.80E-04	1.66E-03	2.65E-05	5.98E-04	3.04E-02	2.81E-03	3.62E-02
1552	NG_248	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.907	1.78E-01	3.56E-01	Not Modelled	8.57E-02	1.65E-04	1.29E-01	1.78E-02	3.56E-03	3.56E-10	1.78E-03	4.26E-05	3.14E-05	8.73E-05	2.87E-04	1.70E-03	2.72E-05	6.13E-04	3.12E-02	2.89E-03	3.71E-02
1553	NG_249	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6366.907	1.83E-01	3.66E-01	Not Modelled	8.93E-02	1.69E-04	1.35E-01	1.83E-02	3.66E-03	3.66E-10	1.83E-03	4.37E-05	3.22E-05	8.97E-05	2.95E-04	1.75E-03	2.79E-05	6.30E-04	3.20E-02	2.97E-03	3.82E-02
1554	NG_250	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6366.907	1.86E-01	3.72E-01	Not Modelled	9.21E-02	1.72E-04	1.39E-01	1.86E-02	3.72E-03	3.72E-10	1.86E-03	4.44E-05	3.28E-05	9.11E-05	3.00E-04	1.77E-03	2.84E-05	6.40E-04	3.25E-02	3.02E-03	3.88E-02
1555	NG_251	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.907	1.86E-01	3.73E-01	Not Modelled	9.38E-02	1.73E-04	1.42E-01	1.87E-02	3.73E-03	3.73E-10	1.87E-03	4.46E-05	3.29E-05	9.15E-05	3.01E-04	1.78E-03	2.85E-05	6.43E-04	3.27E-02	3.03E-03	3.89E-02
1556	NG_252	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.907	1.84E-01	3.68E-01	Not Modelled	9.36E-02	1.70E-04	1.43E-01	1.84E-02	3.68E-03	3.68E-10	1.84E-03	4.40E-05	3.24E-05	9.02E-05	2.97E-04	1.76E-03	2.81E-05	6.34E-04	3.22E-02	2.98E-03	3.84E-02
1557	NG_253	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.907	1.83E-01	3.66E-01	Not Modelled	9.45E-02	1.69E-04	1.45E-01	1.83E-02	3.66E-03	3.66E-10	1.83E-03	4.38E-05	3.23E-05	8.97E-05	2.95E-04	1.75E-03	2.79E-05	6.31E-04	3.20E-02	2.97E-03	3.82E-02
1558	NG_254	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.907	1.82E-01	3.64E-01	Not Modelled	9.51E-02	1.68E-04	1.47E-01	1.82E-02	3.64E-03	3.64E-10	1.82E-03	4.35E-05	3.21E-05	8.92E-05	2.94E-04	1.74E-03	2.78E-05	6.27E-04	3.19E-02	2.95E-03	3.80E-02
1559	NG_255	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.907	1.78E-01	3.56E-01	Not Modelled	9.36E-02	1.65E-04	1.46E-01	1.78E-02	3.56E-03	3.56E-10	1.78E-03	4.25E-05	3.13E-05	8.72E-05	2.87E-04	1.70E-03	2.71E-05	6.13E-04	3.11E-02	2.88E-03	3.71E-02
1560	NG_256	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.907	1.70E-01	3.40E-01	Not Modelled	8.94E-02	1.57E-04	1.40E-01	1.70E-02	3.40E-03	3.40E-10	1.70E-03	4.06E-05	2.99E-05	8.33E-05	2.74E-04	1.62E-03	2.59E-05	5.85E-04	2.97E-02	2.76E-03	3.54E-02
1561	NG_257	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.907	1.63E-01	3.27E-01	Not Modelled	8.59E-02	1.51E-04	1.36E-01	1.63E-02	3.27E-03	3.27E-10	1.63E-03	3.91E-05	2.88E-05	8.01E-05	2.64E-04	1.56E-03	2.49E-05	5.63E-04	2.86E-02	2.65E-03	3.41E-02
1562	NG_258	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6366.907	1.58E-01	3.16E-01	Not Modelled	8.29E-02	1.46E-04	1.33E-01	1.58E-02	3.16E-03	3.16E-10	1.58E-03	3.78E-05	2.79E-05	7.76E-05	2.55E-04	1.51E-03	2.41E-05	5.45E-04	2.77E-02	2.57E-03	3.30E-02
1563	NG_259	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6366.907	1.53E-01	3.06E-01	Not Modelled	7.93E-02	1.41E-04	1.28E-01	1.53E-02	3.05E-03	3.05E-10	1.53E-03	3.65E-05	2.69E-05	7.49E-05	2.47E-04	1.46E-03	2.33E-05	5.26E-04	2.67E-02	2.48E-03	3.19E-02
1564	NG_260	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.907	1.46E-01	2.93E-01	Not Modelled	7.50E-02	1.36E-04	1.23E-01	1.46E-02	2.93E-03	2.93E-10	1.47E-03	3.50E-05	2.58E-05	7.18E-05	2.37E-04	1.40E-03	2.24E-05	5.05E-04	2.56E-02	2.38E-03	3.06E-02
1565	NG_261	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.907	1.42E-01	2.84E-01	Not Modelled	7.15E-02	1.31E-04	1.18E-01	1.42E-02	2.83E-03	2.83E-10	1.42E-03	3.39E-05	2.50E-05	6.95E-05	2.29E-04	1.35E-03	2.16E-05	4.89E-04	2.48E-02	2.30E-03	2.96E-02

AQIA DATA - SCENARIO 2 GRID MAX

Annual Average Pollutant Concentration (µg/m3) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**4.73E-09**	**2.37E-02**	**5.66E-04**	**4.17E-04**	**1.16E-03**	**3.82E-03**	**2.26E-02**	**3.61E-04**	**8.15E-03**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1566	NG_262	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.907	1.39E-01	2.79E-01	Not Modelled	6.92E-02	1.29E-04	1.16E-01	1.40E-02	2.79E-03	2.79E-10	1.40E-03	3.34E-05	2.46E-05	6.84E-05	2.25E-04	1.33E-03	2.13E-05	4.81E-04	2.44E-02	2.26E-03	2.91E-02
1567	NG_263	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.907	1.39E-01	2.78E-01	Not Modelled	6.74E-02	1.28E-04	1.14E-01	1.39E-02	2.77E-03	2.77E-10	1.39E-03	3.32E-05	2.45E-05	6.80E-05	2.24E-04	1.32E-03	2.12E-05	4.78E-04	2.43E-02	2.25E-03	2.90E-02
1568	NG_264	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.907	1.41E-01	2.81E-01	Not Modelled	6.65E-02	1.30E-04	1.13E-01	1.41E-02	2.81E-03	2.81E-10	1.41E-03	3.37E-05	2.48E-05	6.90E-05	2.27E-04	1.34E-03	2.15E-05	4.85E-04	2.46E-02	2.28E-03	2.94E-02
1569	NG_265	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.907	1.48E-01	2.96E-01	Not Modelled	6.78E-02	1.37E-04	1.16E-01	1.48E-02	2.96E-03	2.96E-10	1.48E-03	3.54E-05	2.61E-05	7.25E-05	2.39E-04	1.41E-03	2.26E-05	5.10E-04	2.59E-02	2.40E-03	3.09E-02
1570	NG_266	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.907	1.64E-01	3.27E-01	Not Modelled	7.27E-02	1.51E-04	1.25E-01	1.64E-02	3.27E-03	3.27E-10	1.64E-03	3.91E-05	2.88E-05	8.02E-05	2.64E-04	1.56E-03	2.50E-05	5.64E-04	2.86E-02	2.65E-03	3.41E-02
1571	NG_267	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.907	1.87E-01	3.74E-01	Not Modelled	8.08E-02	1.73E-04	1.40E-01	1.87E-02	3.74E-03	3.74E-10	1.87E-03	4.48E-05	3.30E-05	9.18E-05	3.02E-04	1.79E-03	2.86E-05	6.45E-04	3.28E-02	3.04E-03	3.90E-02
1572	NG_268	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.907	2.15E-01	4.31E-01	Not Modelled	9.08E-02	1.99E-04	1.57E-01	2.15E-02	4.31E-03	4.31E-10	2.15E-03	5.15E-05	3.80E-05	1.06E-04	3.48E-04	2.06E-03	3.29E-05	7.43E-04	3.77E-02	3.49E-03	4.50E-02
1573	NG_269	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.907	2.39E-01	4.79E-01	Not Modelled	9.86E-02	2.21E-04	1.70E-01	2.39E-02	4.78E-03	4.78E-10	2.39E-03	5.72E-05	4.22E-05	1.17E-04	3.86E-04	2.28E-03	3.65E-05	8.25E-04	4.19E-02	3.88E-03	4.99E-02
1574	NG_270	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.907	2.60E-01	5.20E-01	Not Modelled	1.05E-01	2.40E-04	1.79E-01	2.60E-02	5.20E-03	5.20E-10	2.60E-03	6.22E-05	4.58E-05	1.27E-04	4.20E-04	2.48E-03	3.97E-05	8.96E-04	4.55E-02	4.22E-03	5.42E-02
1575	NG_271	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.907	2.84E-01	5.69E-01	Not Modelled	1.12E-01	2.63E-04	1.90E-01	2.84E-02	5.69E-03	5.69E-10	2.85E-03	6.81E-05	5.01E-05	1.40E-04	4.59E-04	2.72E-03	4.34E-05	9.81E-04	4.98E-02	4.61E-03	5.94E-02
1576	NG_272	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.907	3.20E-01	6.41E-01	Not Modelled	1.24E-01	2.96E-04	2.08E-01	3.20E-02	6.41E-03	6.41E-10	3.21E-03	7.67E-05	5.65E-05	1.57E-04	5.17E-04	3.06E-03	4.89E-05	1.11E-03	5.61E-02	5.20E-03	6.69E-02
1577	NG_273	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.907	3.59E-01	7.18E-01	Not Modelled	1.36E-01	3.32E-04	2.25E-01	3.59E-02	7.17E-03	7.17E-10	3.59E-03	8.58E-05	6.32E-05	1.76E-04	5.79E-04	3.42E-03	5.48E-05	1.24E-03	6.28E-02	5.82E-03	7.49E-02
1578	NG_274	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.907	3.98E-01	7.96E-01	Not Modelled	1.46E-01	3.68E-04	2.41E-01	3.98E-02	7.95E-03	7.95E-10	3.98E-03	9.52E-05	7.01E-05	1.95E-04	6.42E-04	3.80E-03	6.07E-05	1.37E-03	6.96E-02	6.45E-03	8.30E-02
1579	NG_275	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.907	4.40E-01	8.80E-01	Not Modelled	1.58E-01	4.07E-04	2.58E-01	4.40E-02	8.79E-03	8.79E-10	4.40E-03	1.05E-04	7.75E-05	2.16E-04	7.10E-04	4.20E-03	6.72E-05	1.52E-03	7.70E-02	7.13E-03	9.18E-02
1580	NG_276	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.907	4.83E-01	9.66E-01	Not Modelled	1.71E-01	4.47E-04	2.76E-01	4.83E-02	9.66E-03	9.66E-10	4.83E-03	1.16E-04	8.51E-05	2.37E-04	7.80E-04	4.61E-03	7.37E-05	1.66E-03	8.45E-02	7.83E-03	1.01E-01
1581	NG_277	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.907	5.29E-01	1.06E+00	Not Modelled	1.86E-01	4.90E-04	2.97E-01	5.29E-02	1.06E-02	1.06E-09	5.29E-03	1.27E-04	9.33E-05	2.60E-04	8.54E-04	5.05E-03	8.08E-05	1.82E-03	9.26E-02	8.58E-03	1.10E-01
1582	NG_278	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.907	5.69E-01	1.14E+00	Not Modelled	2.00E-01	5.27E-04	3.18E-01	5.69E-02	1.14E-02	1.14E-09	5.70E-03	1.36E-04	1.00E-04	2.79E-04	9.20E-04	5.44E-03	8.70E-05	1.96E-03	9.97E-02	9.24E-03	1.19E-01
1583	NG_279	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.907	5.94E-01	1.19E+00	Not Modelled	2.10E-01	5.49E-04	3.30E-01	5.94E-02	1.19E-02	1.19E-09	5.94E-03	1.42E-04	1.05E-04	2.91E-04	9.59E-04	5.67E-03	9.07E-05	2.05E-03	1.04E-01	9.63E-03	1.24E-01
1584	NG_280	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.907	5.99E-01	1.20E+00	Not Modelled	2.13E-01	5.54E-04	3.33E-01	5.99E-02	1.20E-02	1.20E-09	5.99E-03	1.43E-04	1.06E-04	2.94E-04	9.67E-04	5.72E-03	9.15E-05	2.07E-03	1.05E-01	9.72E-03	1.25E-01
1589	NG_285	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.907	5.56E-01	1.11E+00	Not Modelled	2.08E-01	5.15E-04	3.15E-01	5.56E-02	1.11E-02	1.11E-09	5.56E-03	1.33E-04	9.80E-05	2.73E-04	8.98E-04	5.31E-03	8.49E-05	1.92E-03	9.74E-02	9.02E-03	1.16E-01
1590	NG_286	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.907	5.18E-01	1.04E+00	Not Modelled	1.95E-01	4.80E-04	2.93E-01	5.18E-02	1.04E-02	1.04E-09	5.18E-03	1.24E-04	9.14E-05	2.54E-04	8.37E-04	4.95E-03	7.92E-05	1.79E-03	9.08E-02	8.41E-03	1.08E-01
1591	NG_287	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.907	4.82E-01	9.64E-01	Not Modelled	1.82E-01	4.46E-04	2.72E-01	4.82E-02	9.63E-03	9.63E-10	4.82E-03	1.15E-04	8.49E-05	2.36E-04	7.78E-04	4.60E-03	7.36E-05	1.66E-03	8.43E-02	7.82E-03	1.01E-01
1592	NG_288	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.957	1.80E-01	3.60E-01	Not Modelled	8.42E-02	1.67E-04	1.28E-01	1.80E-02	3.60E-03	3.60E-10	1.80E-03	4.31E-05	3.17E-05	8.83E-05	2.91E-04	1.72E-03	2.75E-05	6.20E-04	3.15E-02	2.92E-03	3.76E-02
1593	NG_289	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.957	1.88E-01	3.77E-01	Not Modelled	8.91E-02	1.74E-04	1.36E-01	1.88E-02	3.77E-03	3.77E-10	1.89E-03	4.51E-05	3.32E-05	9.24E-05	3.04E-04	1.80E-03	2.88E-05	6.50E-04	3.30E-02	3.06E-03	3.93E-02
1594	NG_290	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6366.957	1.96E-01	3.92E-01	Not Modelled	9.39E-02	1.82E-04	1.44E-01	1.96E-02	3.92E-03	3.92E-10	1.96E-03	4.69E-05	3.46E-05	9.62E-05	3.17E-04	1.87E-03	2.99E-05	6.76E-04	3.43E-02	3.18E-03	4.09E-02
1595	NG_291	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6366.957	2.02E-01	4.04E-01	Not Modelled	9.81E-02	1.87E-04	1.50E-01	2.02E-02	4.04E-03	4.04E-10	2.02E-03	4.83E-05	3.56E-05	9.90E-05	3.26E-04	1.93E-03	3.08E-05	6.96E-04	3.54E-02	3.28E-03	4.21E-02
1596	NG_292	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.957	2.06E-01	4.11E-01	Not Modelled	1.01E-01	1.90E-04	1.56E-01	2.06E-02	4.11E-03	4.11E-10	2.06E-03	4.92E-05	3.62E-05	1.01E-04	3.32E-04	1.96E-03	3.14E-05	7.09E-04	3.60E-02	3.34E-03	4.29E-02
1597	NG_293	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.957	2.08E-01	4.16E-01	Not Modelled	1.04E-01	1.93E-04	1.61E-01	2.08E-02	4.16E-03	4.16E-10	2.08E-03	4.98E-05	3.67E-05	1.02E-04	3.36E-04	1.99E-03	3.18E-05	7.17E-04	3.64E-02	3.38E-03	4.34E-02
1598	NG_294	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.957	2.09E-01	4.19E-01	Not Modelled	1.07E-01	1.94E-04	1.65E-01	2.09E-02	4.19E-03	4.19E-10	2.09E-03	5.01E-05	3.69E-05	1.03E-04	3.38E-04	2.00E-03	3.19E-05	7.21E-04	3.66E-02	3.40E-03	4.37E-02
1599	NG_295	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.957	2.09E-01	4.19E-01	Not Modelled	1.08E-01	1.94E-04	1.69E-01	2.09E-02	4.19E-03	4.19E-10	2.09E-03	5.01E-05	3.69E-05	1.03E-04	3.38E-04	2.00E-03	3.19E-05	7.21E-04	3.66E-02	3.40E-03	4.37E-02
1600	NG_296	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.957	2.05E-01	4.11E-01	Not Modelled	1.07E-01	1.90E-04	1.69E-01	2.05E-02	4.10E-03	4.10E-10	2.05E-03	4.91E-05	3.62E-05	1.01E-04	3.31E-04	1.96E-03	3.13E-05	7.07E-04	3.59E-02	3.33E-03	4.28E-02
1601	NG_297	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.957	1.98E-01	3.95E-01	Not Modelled	1.04E-01	1.83E-04	1.65E-01	1.98E-02	3.95E-03	3.95E-10	1.98E-03	4.73E-05	3.48E-05	9.69E-05	3.19E-04	1.89E-03	3.02E-05	6.81E-04	3.46E-02	3.21E-03	4.13E-02
1602	NG_298	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6366.957	1.90E-01	3.81E-01	Not Modelled	1.00E-01	1.76E-04	1.60E-01	1.90E-02	3.80E-03	3.80E-10	1.90E-03	4.55E-05	3.35E-05	9.33E-05	3.07E-04	1.82E-03	2.90E-05	6.56E-04	3.33E-02	3.09E-03	3.97E-02
1603	NG_299	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6366.957	1.83E-01	3.66E-01	Not Modelled	9.63E-02	1.69E-04	1.56E-01	1.83E-02	3.66E-03	3.66E-10	1.83E-03	4.38E-05	3.23E-05	8.98E-05	2.96E-04	1.75E-03	2.79E-05	6.31E-04	3.20E-02	2.97E-03	3.82E-02
1604	NG_300	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6366.957	1.76E-01	3.52E-01	Not Modelled	9.20E-02	1.63E-04	1.50E-01	1.76E-02	3.52E-03	3.52E-10	1.76E-03	4.21E-05	3.10E-05	8.63E-05	2.84E-04	1.68E-03	2.69E-05	6.06E-04	3.08E-02	2.85E-03	3.67E-02
1605	NG_301	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.957	1.69E-01	3.38E-01	Not Modelled	8.70E-02	1.56E-04	1.44E-01	1.69E-02	3.37E-03	3.37E-10	1.69E-03	4.04E-05	2.97E-05	8.28E-05	2.73E-04	1.61E-03	2.58E-05	5.82E-04	2.95E-02	2.74E-03	3.52E-02
1606	NG_302	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.957	1.63E-01	3.25E-01	Not Modelled	8.25E-02	1.50E-04	1.38E-01	1.63E-02	3.25E-03	3.25E-10	1.63E-03	3.89E-05	2.87E-05	7.97E-05	2.63E-04	1.55E-03	2.48E-05	5.60E-04	2.85E-02	2.64E-03	3.39E-02
1607	NG_303	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.957	1.58E-01	3.16E-01	Not Modelled	7.86E-02	1.46E-04	1.33E-01	1.58E-02	3.16E-03	3.16E-10	1.58E-03	3.78E-05	2.78E-05	7.75E-05	2.55E-04	1.51E-03	2.41E-05	5.45E-04	2.77E-02	2.56E-03	3.30E-02
1608	NG_304	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.957	1.55E-01	3.11E-01	Not Modelled	7.55E-02	1.44E-04	1.29E-01	1.55E-02	3.10E-03	3.10E-10	1.55E-03	3.71E-05	2.74E-05	7.61E-05	2.51E-04	1.48E-03	2.37E-05	5.35E-04	2.72E-02	2.52E-03	3.24E-02
1609	NG_305	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.957	1.56E-01	3.12E-01	Not Modelled	7.38E-02	1.44E-04	1.27E-01	1.56E-02	3.12E-03	3.12E-10	1.56E-03	3.73E-05	2.75E-05	7.65E-05	2.52E-04	1.49E-03	2.38E-05	5.38E-04	2.73E-02	2.53E-03	3.25E-02
1610	NG_306	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.957	1.64E-01	3.29E-01	Not Modelled	7.54E-02	1.52E-04	1.31E-01	1.64E-02	3.28E-03	3.28E-10	1.64E-03	3.93E-05	2.89E-05	8.05E-05	2.65E-04	1.57E-03	2.51E-05	5.66E-04	2.88E-02	2.66E-03	3.43E-02
1611	NG_307	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.957	1.83E-01	3.66E-01	Not Modelled	8.13E-02	1.69E-04	1.41E-01	1.83E-02	3.66E-03	3.66E-10	1.83E-03	4.37E-05	3.22E-05	8.97E-05	2.95E-04	1.75E-03	2.79E-05	6.30E-04	3.20E-02	2.97E-03	3.82E-02
1612	NG_308	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.957	2.10E-01	4.20E-01	Not Modelled	9.06E-02	1.94E-04	1.58E-01	2.10E-02	4.20E-03	4.20E-10	2.10E-03	5.02E-05	3.70E-05	1.03E-04	3.39E-04	2.00E-03	3.21E-05	7.24E-04	3.68E-02	3.41E-03	4.38E-02
1613	NG_309	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.957	2.42E-01	4.84E-01	Not Modelled	1.02E-01	2.24E-04	1.78E-01	2.42E-02	4.84E-03	4.84E-10	2.42E-03	5.79E-05	4.27E-05	1.19E-04	3.91E-04	2.31E-03	3.70E-05	8.34E-04	4.24E-02	3.93E-03	5.05E-02
1614	NG_310	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.957	2.72E-01	5.45E-01	Not Modelled	1.12E-01	2.52E-04	1.95E-01	2.72E-02	5.45E-03	5.45E-10	2.73E-03	6.52E-05	4.80E-05	1.34E-04	4.40E-04	2.60E-03	4.16E-05	9.39E-04	4.77E-02	4.42E-03	5.69E-02
1615	NG_311	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.957	3.03E-01	6.06E-01	Not Modelled	1.22E-01	2.80E-04	2.11E-01	3.03E-02	6.05E-03	6.05E-10	3.03E-03	7.24E-05	5.34E-05	1.49E-04	4.89E-04	2.89E-03	4.62E-05	1.04E-03	5.30E-02	4.91E-03	6.32E-02
1616	NG_312	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.957	3.39E-01	6.79E-01	Not Modelled	1.34E-01	3.14E-04	2.29E-01	3.39E-02	6.79E-03	6.79E-10	3.39E-03	8.12E-05	5.98E-05	1.66E-04	5.48E-04	3.24E-03	5.18E-05	1.17E-03	5.94E-02	5.51E-03	7.08E-02
1617	NG_313	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.957	3.84E-01	7.69E-01	Not Modelled	1.47E-01	3.56E-04	2.50E-01	3.84E-02	7.69E-03	7.69E-10	3.85E-03	9.20E-05	6.78E-05	1.89E-04	6.21E-04	3.67E-03	5.87E-05	1.33E-03	6.73E-02	6.24E-03	8.02E-02
1618	NG_314	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.957	4.33E-01	8.67E-01	Not Modelled	1.61E-01	4.01E-04	2.70E-01	4.33E-02	8.66E-03	8.66E-10	4.33E-03	1.04E-04	7.64E-05	2.12E-04	6.99E-04	4.14E-03	6.62E-05	1.49E-03	7.58E-02	7.03E-03	9.04E-02
1619	NG_315	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.957	4.83E-01	9.66E-01	Not Modelled	1.75E-01	4.47E-04	2.90E-01	4.83E-02	9.65E-03	9.65E-10	4.83E-03	1.16E-04	8.51E-05	2.37E-04	7.80E-04	4.61E-03	7.37E-05	1.66E-03	8.45E-02	7.83E-03	1.01E-01
1632	NG_328	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.957	5.02E-01	1.00E+00	Not Modelled	1.93E-01	4.64E-04	2.90E-01	5.02E-02	1.00E-02	1.00E-09	5.02E-03	1.20E-04	8.85E-05	2.46E-04	8.10E-04	4.79E-03	7.66E-05	1.73E-03	8.79E-02	8.14E-03	1.05E-01
1633	NG_329	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.007	1.84E-01	3.68E-01	Not Modelled	8.49E-02	1.70E-04	1.31E-01	1.84E-02	3.68E-03	3.68E-10	1.84E-03	4.40E-05	3.24E-05	9.02E-05	2.97E-04	1.76E-03	2.81E-05	6.34E-04	3.22E-02	2.99E-03	3.84E-02
1634	NG_330	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.007	1.95E-01	3.90E-01	Not Modelled	9.08E-02	1.81E-04	1.40E-01	1.95E-02	3.90E-03	3.90E-10	1.95E-03	4.67E-05	3.44E-05	9.57E-05	3.15E-04	1.86E-03	2.98E-05	6.73E-04	3.42E-02	3.17E-03	4.07E-02
1635	NG_331	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.007	2.06E-01	4.12E-01	Not Modelled	9.67E-02	1.90E-04	1.50E-01	2.06E-02	4.12E-03	4.12E-10	2.06E-03	4.92E-05	3.63E-05	1.01E-04	3.32E-04	1.96E-03	3.14E-05	7.09E-04	3.60E-02	3.34E-03	4.29E-02
1636	NG_332	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.007	2.17E-01	4.34E-01	Not Modelled	1.04E-01	2.01E-04	1.61E-01	2.17E-02	4.34E-03	4.34E-10	2.17E-03	5.19E-05	3.83E-05	1.06E-04	3.50E-04	2.07E-03	3.31E-05	7.48E-04	3.80E-02	3.52E-03	4.53E-02
1637	NG_333	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.007	2.26E-01	4.52E-01	Not Modelled	1.09E-01	2.09E-04	1.70E-01	2.26E-02	4.51E-03	4.51E-10	2.26E-03	5.40E-05	3.98E-05	1.11E-04	3.64E-04	2.15E-03	3.45E-05	7.78E-04	3.95E-02	3.66E-03	4.71E-02
1638	NG_334	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.007	2.33E-01	4.66E-01	Not Modelled	1.15E-01	2.16E-04	1.80E-01	2.33E-02	4.66E-03	4.66E-10	2.33E-03	5.58E-05	4.11E-05	1.14E-04	3.77E-04	2.23E-03	3.56E-05	8.04E-04	4.08E-02	3.78E-03	4.87E-02
1639	NG_335	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.007	2.38E-01	4.76E-01	Not Modelled	1.19E-01	2.20E-04	1.88E-01	2.38E-02	4.76E-03	4.76E-10	2.38E-03	5.69E-05	4.20E-05	1.17E-04	3.84E-04	2.27E-03	3.63E-05	8.20E-04	4.17E-02	3.86E-03	4.97E-02
1640	NG_336	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.007	2.42E-01	4.85E-01	Not Modelled	1.24E-01	2.24E-04	1.96E-01	2.42E-02	4.84E-03	4.84E-10	2.42E-03	5.79E-05	4.27E-05	1.19E-04	3.91E-04	2.31E-03	3.70E-05	8.35E-04	4.24E-02	3.93E-03	5.06E-02
1641	NG_337	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.007	2.40E-01	4.81E-01	Not Modelled	1.24E-01	2.22E-04	1.98E-01	2.40E-02	4.80E-03	4.80E-10	2.40E-03	5.75E-05	4.23E-05	1.18E-04	3.88E-04	2.29E-03	3.67E-05	8.28E-04	4.21E-02	3.90E-03	5.01E-02
1642	NG_338	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.007	2.35E-01	4.71E-01	Not Modelled	1.23E-01	2.18E-04	1.98E-01	2.35E-02	4.71E-03	4.71E-10	2.36E-03	5.63E-05	4.15E-05	1.15E-04	3.80E-04	2.25E-03	3.59E-05	8.11E-04	4.12E-02	3.82E-03	4.91E-02
1643	NG_339	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.007	2.26E-01	4.52E-01	Not Modelled	1.19E-01	2.09E-04	1.93E-01	2.26E-02	4.51E-03	4.51E-10	2.26E-03	5.40E-05	3.98E-05	1.11E-04	3.64E-04	2.15E-03	3.45E-05	7.78E-04	3.95E-02	3.66E-03	4.71E-02
1644	NG_340	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.007	2.17E-01	4.33E-01	Not Modelled	1.14E-01	2.01E-04	1.87E-01	2.17E-02	4.33E-03	4.33E-10	2.17E-03	5.18E-05	3.82E-05	1.06E-04	3.50E-04	2.07E-03	3.31E-05	7.47E-04	3.79E-02	3.51E-03	4.52E-02
1645	NG_341	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.007	2.06E-01	4.13E-01	Not Modelled	1.09E-01	1.91E-04	1.79E-01	2.07E-02	4.13E-03	4.13E-10	2.07E-03	4.94E-05	3.64E-05	1.01E-04	3.33E-04	1.97E-03	3.15E-05	7.12E-04	3.62E-02	3.35E-03	4.31E-02
1646	NG_342	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.007	1.98E-01	3.96E-01	Not Modelled	1.03E-01	1.83E-04	1.72E-01	1.98E-02	3.96E-03	3.96E-10	1.98E-03	4.73E-05	3.49E-05	9.71E-05	3.20E-04	1.89E-03	3.02E-05	6.82E-04	3.47E-02	3.21E-03	4.13E-02
1647	NG_343	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.007	1.88E-01	3.77E-01	Not Modelled	9.62E-02	1.74E-04	1.62E-01	1.88E-02	3.77E-03	3.77E-10	1.88E-03	4.51E-05	3.32E-05	9.24E-05	3.04E-04	1.80E-03	2.88E-05	6.49E-04	3.30E-02	3.06E-03	3.93E-02
1648	NG_344	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.007	1.80E-01	3.61E-01	Not Modelled	9.03E-02	1.67E-04	1.54E-01	1.80E-02	3.61E-03	3.61E-10	1.81E-03	4.32E-05	3.18E-05	8.85E-05	2.91E-04	1.72E-03	2.75E-05	6.22E-04	3.16E-02	2.93E-03	3.77E-02
1649	NG_345	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.007	1.74E-01	3.49E-01	Not Modelled	8.51E-02	1.61E-04	1.47E-01	1.74E-02	3.48E-03	3.48E-10	1.74E-03	4.17E-05	3.07E-05	8.54E-05	2.81E-04	1.66E-03	2.66E-05	6.01E-04	3.05E-02	2.83E-03	3.64E-02
1650	NG_346	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.007	1.75E-01	3.50E-01	Not Modelled	8.30E-02	1.62E-04	1.44E-01	1.75E-02	3.50E-03	3.50E-10	1.75E-03	4.18E-05	3.08E-05	8.57E-05	2.82E-04	1.67E-03	2.67E-05	6.03E-04	3.06E-02	2.84E-03	3.65E-02
1651	NG_347	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.007	1.84E-01	3.69E-01	Not Modelled	8.49E-02	1.71E-04	1.49E-01	1.84E-02	3.69E-03	3.69E-10	1.84E-03	4.41E-05	3.25E-05	9.04E-05	2.98E-04	1.76E-03	2.82E-05	6.36E-04	3.23E-02	2.99E-03	3.85E-02
1652	NG_348	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.007	2.06E-01	4.12E-01	Not Modelled	9.15E-02	1.90E-04	1.61E-01	2.06E-02	4.11E-03	4.11E-10	2.06E-03	4.92E-05	3.63E-05	1.01E-04	3.32E-04	1.96E-03	3.14E-05	7.09E-04	3.60E-02	3.34E-03	4.29E-02
1653	NG_349	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.007	2.38E-01	4.77E-01	Not Modelled	1.03E-01	2.20E-04	1.81E-01	2.38E-02	4.76E-03	4.76E-10	2.38E-03	5.70E-05	4.20E-05	1.17E-04	3.85E-04	2.28E-03	3.64E-05	8.22E-04	4.17E-02	3.87E-03	4.97E-02
1654	NG_350	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.007	2.76E-01	5.52E-01	Not Modelled	1.16E-01	2.55E-04	2.04E-01	2.76E-02	5.52E-03	5.52E-10	2.76E-03	6.60E-05	4.86E-05	1.35E-04	4.45E-04	2.63E-03	4.21E-05	9.51E-04	4.83E-02	4.48E-03	5.76E-02
1655	NG_351	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.007	3.15E-01	6.31E-01	Not Modelled	1.30E-01	2.92E-04	2.27E-01	3.15E-02	6.31E-03	6.31E-10	3.15E-03	7.55E-05	5.56E-05	1.55E-04	5.09E-04	3.01E-03	4.82E-05	1.09E-03	5.52E-02	5.12E-03	6.58E-02
1656	NG_352	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.007	3.57E-01	7.13E-01	Not Modelled	1.43E-01	3.30E-04	2.49E-01	3.57E-02	7.13E-03	7.13E-10	3.57E-03	8.53E-05	6.29E-05	1.75E-04	5.76E-04	3.41E-03	5.45E-05	1.23E-03	6.24E-02	5.79E-03	7.44E-02
1657	NG_353	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.007	4.07E-01	8.14E-01	Not Modelled	1.59E-01	3.77E-04	2.74E-01	4.07E-02	8.14E-03	8.14E-10	4.07E-03	9.74E-05	7.17E-05	2.00E-04	6.57E-04	3.89E-03	6.22E-05	1.40E-03	7.13E-02	6.60E-03	8.50E-02
1658	NG_354	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.007	4.66E-01	9.32E-01	Not Modelled	1.76E-01	4.31E-04	3.01E-01	4.66E-02	9.31E-03	9.31E-10	4.66E-03	1.11E-04	8.21E-05	2.28E-04	7.52E-04	4.45E-03	7.11E-05	1.61E-03	8.15E-02	7.55E-03	9.72E-02
1674	NG_370	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.057	1.85E-01	3.70E-01	Not Modelled	8.48E-02	1.71E-04	1.33E-01	1.85E-02	3.70E-03	3.70E-10	1.85E-03	4.43E-05	3.26E-05	9.07E-05	2.99E-04	1.77E-03	2.82E-05	6.38E-04	3.24E-02	3.00E-03	3.86E-02
1675	NG_371	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.057	1.98E-01	3.96E-01	Not Modelled	9.09E-02	1.83E-04	1.43E-01	1.98E-02	3.95E-03	3.95E-10	1.98E-03	4.73E-05	3.48E-05	9.70E-05	3.19E-04	1.89E-03	3.02E-05	6.81E-04	3.46E-02	3.21E-03	4.13E-02
1676	NG_372	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.057	2.12E-01	4.24E-01	Not Modelled	9.82E-02	1.96E-04	1.54E-01	2.12E-02	4.23E-03	4.23E-10	2.12E-03	5.07E-05	3.73E-05	1.04E-04	3.42E-04	2.02E-03	3.23E-05	7.30E-04	3.71E-02	3.44E-03	4.42E-02
1677	NG_373	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.057	2.27E-01	4.55E-01	Not Modelled	1.07E-01	2.10E-04	1.68E-01	2.27E-02	4.54E-03	4.54E-10	2.27E-03	5.43E-05	4.00E-05	1.11E-04	3.67E-04	2.17E-03	3.47E-05	7.83E-04	3.98E-02	3.69E-03	4.74E-02
1678	NG_374	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.057	2.42E-01	4.85E-01	Not Modelled	1.15E-01	2.24E-04	1.82E-01	2.42E-02	4.85E-03	4.85E-10	2.43E-03	5.80E-05	4.27E-05	1.19E-04	3.91E-04	2.31E-03	3.70E-05	8.35E-04	4.24E-02	3.93E-03	5.06E-02
1679	NG_375	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.057	2.55E-01	5.09E-01	Not Modelled	1.23E-01	2.36E-04	1.95E-01	2.55E-02	5.09E-03	5.09E-10	2.55E-03	6.09E-05	4.49E-05	1.25E-04	4.11E-04	2.43E-03	3.89E-05	8.77E-04	4.46E-02	4.13E-03	5.31E-02
1680	NG_376	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.057	2.66E-01	5.32E-01	Not Modelled	1.31E-01	2.46E-04	2.08E-01	2.66E-02	5.32E-03	5.32E-10	2.66E-03	6.37E-05	4.69E-05	1.31E-04	4.30E-04	2.54E-03	4.06E-05	9.17E-04	4.66E-02	4.32E-03	5.55E-02
1681	NG_377	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.057	2.76E-01	5.53E-01	Not Modelled	1.38E-01	2.56E-04	2.22E-01	2.76E-02	5.53E-03	5.53E-10	2.77E-03	6.61E-05	4.87E-05	1.36E-04	4.47E-04	2.64E-03	4.22E-05	9.53E-04	4.84E-02	4.49E-03	5.77E-02

AQIA DATA - SCENARIO 2 GRID MAX

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**4.73E-09**	**2.37E-02**	**5.66E-04**	**4.17E-04**	**1.16E-03**	**3.82E-03**	**2.26E-02**	**3.61E-04**	**8.15E-03**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1682	NG_378	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.057	2.83E-01	5.65E-01	Not Modelled	1.45E-01	2.62E-04	2.34E-01	2.83E-02	5.65E-03	5.65E-10	2.83E-03	6.76E-05	4.98E-05	1.39E-04	4.56E-04	2.70E-03	4.31E-05	9.74E-04	4.95E-02	4.59E-03	5.90E-02
1683	NG_379	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.057	2.81E-01	5.61E-01	Not Modelled	1.46E-01	2.60E-04	2.37E-01	2.81E-02	5.61E-03	5.61E-10	2.81E-03	6.71E-05	4.95E-05	1.38E-04	4.53E-04	2.68E-03	4.28E-05	9.67E-04	4.91E-02	4.55E-03	5.86E-02
1684	NG_380	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.057	2.72E-01	5.44E-01	Not Modelled	1.43E-01	2.52E-04	2.34E-01	2.72E-02	5.44E-03	5.44E-10	2.72E-03	6.50E-05	4.79E-05	1.33E-04	4.39E-04	2.59E-03	4.15E-05	9.37E-04	4.76E-02	4.41E-03	5.67E-02
1685	NG_381	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.057	2.60E-01	5.19E-01	Not Modelled	1.37E-01	2.40E-04	2.26E-01	2.60E-02	5.19E-03	5.19E-10	2.60E-03	6.21E-05	4.58E-05	1.27E-04	4.19E-04	2.48E-03	3.96E-05	8.95E-04	4.54E-02	4.21E-03	5.42E-02
1686	NG_382	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.057	2.47E-01	4.94E-01	Not Modelled	1.30E-01	2.29E-04	2.17E-01	2.47E-02	4.94E-03	4.94E-10	2.47E-03	5.91E-05	4.36E-05	1.21E-04	3.99E-04	2.36E-03	3.77E-05	8.51E-04	4.33E-02	4.01E-03	5.16E-02
1687	NG_383	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.057	2.33E-01	4.67E-01	Not Modelled	1.22E-01	2.16E-04	2.06E-01	2.33E-02	4.67E-03	4.67E-10	2.34E-03	5.59E-05	4.12E-05	1.15E-04	3.77E-04	2.23E-03	3.56E-05	8.05E-04	4.09E-02	3.79E-03	4.87E-02
1688	NG_384	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.057	2.20E-01	4.40E-01	Not Modelled	1.13E-01	2.04E-04	1.93E-01	2.20E-02	4.40E-03	4.40E-10	2.20E-03	5.26E-05	3.88E-05	1.08E-04	3.55E-04	2.10E-03	3.36E-05	7.58E-04	3.85E-02	3.57E-03	4.59E-02
1689	NG_385	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.057	2.09E-01	4.18E-01	Not Modelled	1.05E-01	1.93E-04	1.82E-01	2.09E-02	4.18E-03	4.18E-10	2.09E-03	5.00E-05	3.68E-05	1.02E-04	3.37E-04	1.99E-03	3.19E-05	7.20E-04	3.66E-02	3.39E-03	4.36E-02
1690	NG_386	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.057	2.01E-01	4.02E-01	Not Modelled	9.87E-02	1.86E-04	1.72E-01	2.01E-02	4.02E-03	4.02E-10	2.01E-03	4.81E-05	3.54E-05	9.85E-05	3.24E-04	1.92E-03	3.07E-05	6.92E-04	3.52E-02	3.26E-03	4.19E-02
1691	NG_387	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.057	1.99E-01	3.98E-01	Not Modelled	9.49E-02	1.84E-04	1.67E-01	1.99E-02	3.98E-03	3.98E-10	1.99E-03	4.76E-05	3.51E-05	9.76E-05	3.21E-04	1.90E-03	3.04E-05	6.86E-04	3.48E-02	3.23E-03	4.15E-02
1692	NG_388	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.057	2.09E-01	4.19E-01	Not Modelled	9.67E-02	1.94E-04	1.71E-01	2.09E-02	4.19E-03	4.19E-10	2.09E-03	5.01E-05	3.69E-05	1.03E-04	3.38E-04	2.00E-03	3.20E-05	7.22E-04	3.67E-02	3.40E-03	4.37E-02
1693	NG_389	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.057	2.36E-01	4.73E-01	Not Modelled	1.05E-01	2.19E-04	1.88E-01	2.36E-02	4.73E-03	4.73E-10	2.36E-03	5.66E-05	4.17E-05	1.16E-04	3.82E-04	2.26E-03	3.61E-05	8.15E-04	4.14E-02	3.83E-03	4.93E-02
1694	NG_390	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.057	2.78E-01	5.56E-01	Not Modelled	1.20E-01	2.57E-04	2.14E-01	2.78E-02	5.56E-03	5.56E-10	2.78E-03	6.65E-05	4.90E-05	1.36E-04	4.49E-04	2.65E-03	4.24E-05	9.58E-04	4.87E-02	4.51E-03	5.80E-02
1695	NG_391	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.057	3.28E-01	6.55E-01	Not Modelled	1.38E-01	3.03E-04	2.46E-01	3.28E-02	6.55E-03	6.55E-10	3.28E-03	7.84E-05	5.77E-05	1.61E-04	5.29E-04	3.13E-03	5.00E-05	1.13E-03	5.74E-02	5.31E-03	6.84E-02
1696	NG_392	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.057	3.78E-01	7.57E-01	Not Modelled	1.55E-01	3.50E-04	2.75E-01	3.78E-02	7.57E-03	7.57E-10	3.79E-03	9.06E-05	6.67E-05	1.86E-04	6.11E-04	3.61E-03	5.78E-05	1.30E-03	6.63E-02	6.14E-03	7.90E-02
1697	NG_393	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.057	4.33E-01	8.66E-01	Not Modelled	1.73E-01	4.01E-04	3.03E-01	4.33E-02	8.66E-03	8.66E-10	4.33E-03	1.04E-04	7.63E-05	2.12E-04	6.99E-04	4.13E-03	6.61E-05	1.49E-03	7.58E-02	7.02E-03	9.04E-02
1698	NG_394	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.057	4.98E-01	9.97E-01	Not Modelled	1.92E-01	4.61E-04	3.33E-01	4.98E-02	9.96E-03	9.96E-10	4.98E-03	1.19E-04	8.78E-05	2.44E-04	8.04E-04	4.76E-03	7.61E-05	1.72E-03	8.72E-02	8.08E-03	1.04E-01
1699	NG_395	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.057	5.79E-01	1.16E+00	Not Modelled	2.16E-01	5.35E-04	3.70E-01	5.79E-02	1.16E-02	1.16E-09	5.79E-03	1.38E-04	1.02E-04	2.84E-04	9.35E-04	5.53E-03	8.84E-05	2.00E-03	1.01E-01	9.39E-03	1.21E-01
1715	NG_411	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.107	1.84E-01	3.68E-01	Not Modelled	8.43E-02	1.70E-04	1.34E-01	1.84E-02	3.68E-03	3.68E-10	1.84E-03	4.40E-05	3.24E-05	9.02E-05	2.97E-04	1.76E-03	2.81E-05	6.34E-04	3.22E-02	2.98E-03	3.84E-02
1716	NG_412	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.107	1.97E-01	3.94E-01	Not Modelled	9.02E-02	1.82E-04	1.44E-01	1.97E-02	3.94E-03	3.94E-10	1.97E-03	4.71E-05	3.47E-05	9.66E-05	3.18E-04	1.88E-03	3.01E-05	6.79E-04	3.45E-02	3.20E-03	4.11E-02
1717	NG_413	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.107	2.14E-01	4.27E-01	Not Modelled	9.83E-02	1.98E-04	1.57E-01	2.14E-02	4.27E-03	4.27E-10	2.14E-03	5.11E-05	3.77E-05	1.05E-04	3.45E-04	2.04E-03	3.26E-05	7.36E-04	3.74E-02	3.47E-03	4.46E-02
1718	NG_414	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.107	2.33E-01	4.67E-01	Not Modelled	1.08E-01	2.16E-04	1.73E-01	2.33E-02	4.67E-03	4.67E-10	2.34E-03	5.58E-05	4.11E-05	1.14E-04	3.77E-04	2.23E-03	3.56E-05	8.04E-04	4.09E-02	3.79E-03	4.87E-02
1719	NG_415	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.107	2.53E-01	5.06E-01	Not Modelled	1.18E-01	2.34E-04	1.90E-01	2.53E-02	5.06E-03	5.06E-10	2.53E-03	6.05E-05	4.46E-05	1.24E-04	4.09E-04	2.42E-03	3.86E-05	8.72E-04	4.43E-02	4.11E-03	5.28E-02
1720	NG_416	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.107	2.70E-01	5.40E-01	Not Modelled	1.27E-01	2.50E-04	2.05E-01	2.70E-02	5.39E-03	5.39E-10	2.70E-03	6.45E-05	4.75E-05	1.32E-04	4.36E-04	2.57E-03	4.12E-05	9.29E-04	4.72E-02	4.38E-03	5.63E-02
1721	NG_417	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.107	2.88E-01	5.76E-01	Not Modelled	1.38E-01	2.66E-04	2.24E-01	2.88E-02	5.76E-03	5.76E-10	2.88E-03	6.89E-05	5.07E-05	1.41E-04	4.65E-04	2.75E-03	4.39E-05	9.92E-04	5.04E-02	4.67E-03	6.01E-02
1722	NG_418	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.107	3.09E-01	6.18E-01	Not Modelled	1.52E-01	2.86E-04	2.47E-01	3.09E-02	6.18E-03	6.18E-10	3.09E-03	7.39E-05	5.45E-05	1.52E-04	4.99E-04	2.95E-03	4.72E-05	1.07E-03	5.41E-02	5.01E-03	6.45E-02
1723	NG_419	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.107	3.25E-01	6.51E-01	Not Modelled	1.63E-01	3.01E-04	2.67E-01	3.25E-02	6.50E-03	6.50E-10	3.25E-03	7.78E-05	5.73E-05	1.60E-04	5.25E-04	3.10E-03	4.96E-05	1.12E-03	5.69E-02	5.28E-03	6.79E-02
1724	NG_420	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.107	3.30E-01	6.60E-01	Not Modelled	1.68E-01	3.05E-04	2.77E-01	3.30E-02	6.59E-03	6.59E-10	3.30E-03	7.89E-05	5.81E-05	1.62E-04	5.33E-04	3.15E-03	5.03E-05	1.14E-03	5.77E-02	5.35E-03	6.88E-02
1725	NG_421	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.107	3.24E-01	6.48E-01	Not Modelled	1.68E-01	3.00E-04	2.78E-01	3.24E-02	6.48E-03	6.48E-10	3.24E-03	7.75E-05	5.71E-05	1.59E-04	5.23E-04	3.09E-03	4.94E-05	1.12E-03	5.67E-02	5.25E-03	6.76E-02
1726	NG_422	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.107	3.13E-01	6.26E-01	Not Modelled	1.64E-01	2.90E-04	2.74E-01	3.13E-02	6.26E-03	6.26E-10	3.13E-03	7.49E-05	5.52E-05	1.54E-04	5.06E-04	2.99E-03	4.78E-05	1.08E-03	5.48E-02	5.08E-03	6.54E-02
1727	NG_423	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.107	2.98E-01	5.96E-01	Not Modelled	1.57E-01	2.76E-04	2.64E-01	2.98E-02	5.96E-03	5.96E-10	2.98E-03	7.13E-05	5.25E-05	1.46E-04	4.81E-04	2.85E-03	4.55E-05	1.03E-03	5.22E-02	4.84E-03	6.22E-02
1728	NG_424	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.107	2.80E-01	5.61E-01	Not Modelled	1.47E-01	2.59E-04	2.50E-01	2.80E-02	5.61E-03	5.61E-10	2.80E-03	6.71E-05	4.94E-05	1.37E-04	4.53E-04	2.68E-03	4.28E-05	9.66E-04	4.91E-02	4.55E-03	5.85E-02
1729	NG_425	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.107	2.62E-01	5.23E-01	Not Modelled	1.36E-01	2.42E-04	2.33E-01	2.62E-02	5.23E-03	5.23E-10	2.62E-03	6.26E-05	4.61E-05	1.28E-04	4.23E-04	2.50E-03	3.99E-05	9.02E-04	4.58E-02	4.25E-03	5.46E-02
1730	NG_426	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.107	2.47E-01	4.94E-01	Not Modelled	1.26E-01	2.29E-04	2.19E-01	2.47E-02	4.94E-03	4.94E-10	2.47E-03	5.91E-05	4.35E-05	1.21E-04	3.99E-04	2.36E-03	3.77E-05	8.51E-04	4.32E-02	4.01E-03	5.16E-02
1732	NG_428	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.107	2.30E-01	4.60E-01	Not Modelled	1.10E-01	2.13E-04	1.96E-01	2.30E-02	4.60E-03	4.60E-10	2.30E-03	5.50E-05	4.05E-05	1.13E-04	3.71E-04	2.19E-03	3.51E-05	7.92E-04	4.02E-02	3.73E-03	4.80E-02
1733	NG_429	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.107	2.39E-01	4.79E-01	Not Modelled	1.11E-01	2.21E-04	1.99E-01	2.39E-02	4.78E-03	4.78E-10	2.39E-03	5.72E-05	4.22E-05	1.17E-04	3.86E-04	2.28E-03	3.65E-05	8.25E-04	4.19E-02	3.88E-03	4.99E-02
1734	NG_430	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.107	2.72E-01	5.45E-01	Not Modelled	1.22E-01	2.52E-04	2.19E-01	2.72E-02	5.44E-03	5.44E-10	2.72E-03	6.51E-05	4.80E-05	1.34E-04	4.40E-04	2.60E-03	4.16E-05	9.39E-04	4.77E-02	4.42E-03	5.68E-02
1735	NG_431	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.107	3.28E-01	6.55E-01	Not Modelled	1.42E-01	3.03E-04	2.56E-01	3.28E-02	6.55E-03	6.55E-10	3.28E-03	7.84E-05	5.77E-05	1.61E-04	5.29E-04	3.13E-03	5.00E-05	1.13E-03	5.74E-02	5.31E-03	6.84E-02
1736	NG_432	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.107	3.97E-01	7.94E-01	Not Modelled	1.67E-01	3.67E-04	3.01E-01	3.97E-02	7.93E-03	7.93E-10	3.97E-03	9.49E-05	6.99E-05	1.95E-04	6.41E-04	3.79E-03	6.06E-05	1.37E-03	6.95E-02	6.44E-03	8.28E-02
1737	NG_433	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.107	4.69E-01	9.38E-01	Not Modelled	1.92E-01	4.34E-04	3.43E-01	4.69E-02	9.38E-03	9.38E-10	4.69E-03	1.12E-04	8.27E-05	2.30E-04	7.57E-04	4.48E-03	7.16E-05	1.62E-03	8.21E-02	7.61E-03	9.79E-02
1738	NG_434	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.107	5.42E-01	1.08E+00	Not Modelled	2.13E-01	5.01E-04	3.78E-01	5.42E-02	1.08E-02	1.08E-09	5.42E-03	1.30E-04	9.55E-05	2.66E-04	8.75E-04	5.17E-03	8.27E-05	1.87E-03	9.48E-02	8.79E-03	1.13E-01
1739	NG_435	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.107	6.34E-01	1.27E+00	Not Modelled	2.40E-01	5.86E-04	4.21E-01	6.34E-02	1.27E-02	1.27E-09	6.34E-03	1.52E-04	1.12E-04	3.11E-04	1.02E-03	6.05E-03	9.68E-05	2.19E-03	1.11E-01	1.03E-02	1.32E-01
1740	NG_436	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.107	7.41E-01	1.48E+00	Not Modelled	2.72E-01	6.86E-04	4.69E-01	7.41E-02	1.48E-02	1.48E-09	7.41E-03	1.77E-04	1.31E-04	3.64E-04	1.20E-03	7.08E-03	1.13E-04	2.56E-03	1.30E-01	1.20E-02	1.55E-01
1756	NG_452	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.157	1.81E-01	3.63E-01	Not Modelled	8.38E-02	1.68E-04	1.35E-01	1.81E-02	3.62E-03	3.62E-10	1.81E-03	4.34E-05	3.20E-05	8.89E-05	2.93E-04	1.73E-03	2.77E-05	6.25E-04	3.17E-02	2.94E-03	3.78E-02
1757	NG_453	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.157	1.96E-01	3.92E-01	Not Modelled	9.03E-02	1.81E-04	1.46E-01	1.96E-02	3.92E-03	3.92E-10	1.96E-03	4.69E-05	3.45E-05	9.61E-05	3.16E-04	1.87E-03	2.99E-05	6.75E-04	3.43E-02	3.18E-03	4.09E-02
1758	NG_454	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.157	2.14E-01	4.28E-01	Not Modelled	9.86E-02	1.98E-04	1.60E-01	2.14E-02	4.27E-03	4.27E-10	2.14E-03	5.11E-05	3.77E-05	1.05E-04	3.45E-04	2.04E-03	3.26E-05	7.37E-04	3.74E-02	3.47E-03	4.46E-02
1759	NG_455	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.157	2.34E-01	4.69E-01	Not Modelled	1.08E-01	2.17E-04	1.76E-01	2.34E-02	4.69E-03	4.69E-10	2.34E-03	5.60E-05	4.13E-05	1.15E-04	3.78E-04	2.24E-03	3.58E-05	8.08E-04	4.10E-02	3.80E-03	4.89E-02
1760	NG_456	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.157	2.57E-01	5.15E-01	Not Modelled	1.19E-01	2.38E-04	1.95E-01	2.57E-02	5.15E-03	5.15E-10	2.58E-03	6.16E-05	4.54E-05	1.26E-04	4.16E-04	2.46E-03	3.93E-05	8.87E-04	4.51E-02	4.18E-03	5.37E-02
1761	NG_457	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.157	2.80E-01	5.60E-01	Not Modelled	1.30E-01	2.59E-04	2.13E-01	2.80E-02	5.60E-03	5.60E-10	2.80E-03	6.69E-05	4.93E-05	1.37E-04	4.52E-04	2.67E-03	4.27E-05	9.65E-04	4.90E-02	4.54E-03	5.84E-02
1762	NG_458	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.157	3.05E-01	6.09E-01	Not Modelled	1.44E-01	2.82E-04	2.36E-01	3.05E-02	6.09E-03	6.09E-10	3.05E-03	7.29E-05	5.37E-05	1.49E-04	4.92E-04	2.91E-03	4.65E-05	1.05E-03	5.33E-02	4.94E-03	6.36E-02
1763	NG_459	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.157	3.34E-01	6.67E-01	Not Modelled	1.60E-01	3.09E-04	2.64E-01	3.34E-02	6.67E-03	6.67E-10	3.34E-03	7.98E-05	5.88E-05	1.64E-04	5.39E-04	3.19E-03	5.09E-05	1.15E-03	5.84E-02	5.41E-03	6.96E-02
1764	NG_460	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.157	3.60E-01	7.21E-01	Not Modelled	1.76E-01	3.34E-04	2.93E-01	3.61E-02	7.21E-03	7.21E-10	3.61E-03	8.62E-05	6.35E-05	1.77E-04	5.82E-04	3.44E-03	5.50E-05	1.24E-03	6.31E-02	5.85E-03	7.52E-02
1765	NG_461	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.157	3.78E-01	7.56E-01	Not Modelled	1.88E-01	3.50E-04	3.14E-01	3.78E-02	7.55E-03	7.55E-10	3.78E-03	9.04E-05	6.66E-05	1.85E-04	6.10E-04	3.61E-03	5.77E-05	1.30E-03	6.61E-02	6.13E-03	7.88E-02
1766	NG_462	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.157	3.82E-01	7.65E-01	Not Modelled	1.93E-01	3.54E-04	3.25E-01	3.82E-02	7.65E-03	7.65E-10	3.83E-03	9.15E-05	6.74E-05	1.88E-04	6.18E-04	3.65E-03	5.84E-05	1.32E-03	6.69E-02	6.20E-03	7.98E-02
1767	NG_463	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.157	3.77E-01	7.55E-01	Not Modelled	1.94E-01	3.49E-04	3.28E-01	3.77E-02	7.55E-03	7.55E-10	3.78E-03	9.03E-05	6.65E-05	1.85E-04	6.09E-04	3.60E-03	5.76E-05	1.30E-03	6.61E-02	6.12E-03	7.88E-02
1768	NG_464	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.157	3.65E-01	7.30E-01	Not Modelled	1.90E-01	3.38E-04	3.24E-01	3.65E-02	7.30E-03	7.30E-10	3.65E-03	8.73E-05	6.43E-05	1.79E-04	5.89E-04	3.48E-03	5.57E-05	1.26E-03	6.39E-02	5.92E-03	7.61E-02
1769	NG_465	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.157	3.44E-01	6.89E-01	Not Modelled	1.80E-01	3.19E-04	3.10E-01	3.44E-02	6.89E-03	6.89E-10	3.44E-03	8.24E-05	6.07E-05	1.69E-04	5.56E-04	3.29E-03	5.26E-05	1.19E-03	6.03E-02	5.59E-03	7.19E-02
1770	NG_466	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.157	3.19E-01	6.39E-01	Not Modelled	1.66E-01	2.96E-04	2.88E-01	3.19E-02	6.39E-03	6.39E-10	3.20E-03	7.64E-05	5.63E-05	1.57E-04	5.16E-04	3.05E-03	4.88E-05	1.10E-03	5.59E-02	5.18E-03	6.67E-02
1771	NG_467	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.157	2.98E-01	5.95E-01	Not Modelled	1.53E-01	2.75E-04	2.68E-01	2.98E-02	5.95E-03	5.95E-10	2.98E-03	7.12E-05	5.25E-05	1.46E-04	4.81E-04	2.84E-03	4.54E-05	1.03E-03	5.21E-02	4.83E-03	6.21E-02
1774	NG_470	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.157	2.76E-01	5.53E-01	Not Modelled	1.29E-01	2.56E-04	2.33E-01	2.76E-02	5.52E-03	5.52E-10	2.76E-03	6.61E-05	4.87E-05	1.35E-04	4.46E-04	2.64E-03	4.22E-05	9.52E-04	4.84E-02	4.48E-03	5.77E-02
1775	NG_471	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.157	3.15E-01	6.30E-01	Not Modelled	1.41E-01	2.91E-04	2.57E-01	3.15E-02	6.30E-03	6.30E-10	3.15E-03	7.53E-05	5.55E-05	1.54E-04	5.08E-04	3.01E-03	4.81E-05	1.09E-03	5.51E-02	5.11E-03	6.57E-02
1776	NG_472	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.157	3.84E-01	7.69E-01	Not Modelled	1.66E-01	3.56E-04	3.04E-01	3.84E-02	7.68E-03	7.68E-10	3.84E-03	9.20E-05	6.77E-05	1.88E-04	6.21E-04	3.67E-03	5.87E-05	1.33E-03	6.73E-02	6.23E-03	8.02E-02
1777	NG_473	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.157	4.78E-01	9.56E-01	Not Modelled	2.01E-01	4.42E-04	3.65E-01	4.78E-02	9.55E-03	9.55E-10	4.78E-03	1.14E-04	8.42E-05	2.34E-04	7.72E-04	4.56E-03	7.30E-05	1.65E-03	8.36E-02	7.75E-03	9.97E-02
1778	NG_474	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.157	5.88E-01	1.18E+00	Not Modelled	2.38E-01	5.44E-04	4.31E-01	5.88E-02	1.18E-02	1.18E-09	5.88E-03	1.41E-04	1.04E-04	2.88E-04	9.50E-04	5.62E-03	8.98E-05	2.03E-03	1.03E-01	9.54E-03	1.23E-01
1779	NG_475	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.157	7.13E-01	1.43E+00	Not Modelled	2.77E-01	6.59E-04	4.95E-01	7.13E-02	1.43E-02	1.43E-09	7.13E-03	1.71E-04	1.26E-04	3.50E-04	1.15E-03	6.81E-03	1.09E-04	2.46E-03	1.25E-01	1.16E-02	1.49E-01
1780	NG_476	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.157	8.52E-01	1.70E+00	Not Modelled	3.18E-01	7.88E-04	5.60E-01	8.52E-02	1.70E-02	1.70E-09	8.52E-03	2.04E-04	1.50E-04	4.18E-04	1.38E-03	8.14E-03	1.30E-04	2.94E-03	1.49E-01	1.38E-02	1.78E-01
1781	NG_477	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.157	9.91E-01	1.98E+00	Not Modelled	3.58E-01	9.17E-04	6.23E-01	9.91E-02	1.98E-02	1.98E-09	9.91E-03	2.37E-04	1.75E-04	4.86E-04	1.60E-03	9.46E-03	1.51E-04	3.42E-03	1.73E-01	1.61E-02	2.07E-01
1797	NG_493	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.207	1.79E-01	3.59E-01	Not Modelled	8.43E-02	1.66E-04	1.38E-01	1.79E-02	3.58E-03	3.58E-10	1.79E-03	4.29E-05	3.16E-05	8.79E-05	2.89E-04	1.71E-03	2.74E-05	6.18E-04	3.14E-02	2.91E-03	3.74E-02
1798	NG_494	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.207	1.95E-01	3.89E-01	Not Modelled	9.12E-02	1.80E-04	1.49E-01	1.95E-02	3.89E-03	3.89E-10	1.95E-03	4.66E-05	3.43E-05	9.55E-05	3.14E-04	1.86E-03	2.97E-05	6.71E-04	3.41E-02	3.16E-03	4.06E-02
1799	NG_495	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.207	2.12E-01	4.24E-01	Not Modelled	9.88E-02	1.96E-04	1.63E-01	2.12E-02	4.24E-03	4.24E-10	2.12E-03	5.07E-05	3.74E-05	1.04E-04	3.42E-04	2.02E-03	3.24E-05	7.31E-04	3.71E-02	3.44E-03	4.42E-02
1800	NG_496	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.207	2.34E-01	4.67E-01	Not Modelled	1.09E-01	2.16E-04	1.79E-01	2.34E-02	4.67E-03	4.67E-10	2.34E-03	5.59E-05	4.12E-05	1.15E-04	3.77E-04	2.23E-03	3.57E-05	8.05E-04	4.09E-02	3.79E-03	4.88E-02
1801	NG_497	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.207	2.57E-01	5.15E-01	Not Modelled	1.19E-01	2.38E-04	1.98E-01	2.57E-02	5.14E-03	5.14E-10	2.57E-03	6.15E-05	4.54E-05	1.26E-04	4.15E-04	2.46E-03	3.93E-05	8.87E-04	4.50E-02	4.17E-03	5.37E-02
1802	NG_498	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.207	2.84E-01	5.69E-01	Not Modelled	1.32E-01	2.63E-04	2.20E-01	2.84E-02	5.68E-03	5.68E-10	2.84E-03	6.80E-05	5.01E-05	1.39E-04	4.59E-04	2.71E-03	4.34E-05	9.80E-04	4.98E-02	4.61E-03	5.93E-02
1803	NG_499	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.207	3.14E-01	6.28E-01	Not Modelled	1.46E-01	2.91E-04	2.44E-01	3.14E-02	6.28E-03	6.28E-10	3.14E-03	7.51E-05	5.53E-05	1.54E-04	5.07E-04	3.00E-03	4.79E-05	1.08E-03	5.49E-02	5.09E-03	6.55E-02
1804	NG_500	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.207	3.50E-01	7.00E-01	Not Modelled	1.65E-01	3.24E-04	2.76E-01	3.50E-02	7.00E-03	7.00E-10	3.50E-03	8.37E-05	6.17E-05	1.72E-04	5.65E-04	3.34E-03	5.34E-05	1.21E-03	6.13E-02	5.68E-03	7.31E-02
1805	NG_501	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.207	3.87E-01	7.74E-01	Not Modelled	1.84E-01	3.58E-04	3.10E-01	3.87E-02	7.74E-03	7.74E-10	3.87E-03	9.25E-05	6.82E-05	1.90E-04	6.25E-04	3.69E-03	5.91E-05	1.33E-03	6.77E-02	6.28E-03	8.07E-02
1806	NG_502	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.207	4.20E-01	8.41E-01	Not Modelled	2.03E-01	3.89E-04	3.44E-01	4.20E-02	8.41E-03	8.41E-10	4.21E-03	1.01E-04	7.41E-05	2.06E-04	6.79E-04	4.01E-03	6.42E-05	1.45E-03	7.36E-02	6.82E-03	8.77E-02
1807	NG_503	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.207	4.41E-01	8.82E-01	Not Modelled	2.17E-01	4.08E-04	3.68E-01	4.41E-02	8.81E-03	8.81E-10	4.41E-03	1.05E-04	7.77E-05	2.16E-04	7.12E-04	4.21E-03	6.73E-05	1.52E-03	7.71E-02	7.15E-03	9.20E-02
1808	NG_504	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.207	4.53E-01	9.06E-01	Not Modelled	2.27E-01	4.19E-04	3.89E-01	4.53E-02	9.06E-03	9.06E-10	4.53E-03	1.08E-04	7.98E-05	2.22E-04	7.31E-04	4.32E-03	6.91E-05	1.56E-03	7.93E-02	7.35E-03	9.45E-02
1809	NG_505	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.207	4.50E-01	8.99E-01	Not Modelled	2.30E-01	4.16E-04	3.95E-01	4.50E-02	8.99E-03	8.99E-10	4.50E-03	1.08E-04	7.92E-05	2.20E-04	7.26E-04	4.29E-03	6.86E-05	1.55E-03	7.87E-02	7.29E-03	9.38E-02
1810	NG_506	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.207	4.30E-01	8.61E-01	Not Modelled	2.23E-01	3.98E-04	3.86E-01	4.30E-02	8.61E-03	8.61E-10	4.31E-03	1.03E-04	7.59E-05	2.11E-04	6.95E-04	4.11E-03	6.57E-05	1.48E-03	7.54E-02	6.98E-03	8.98E-02
1811	NG_507	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.207	3.99E-01	7.98E-01	Not Modelled	2.07E-01	3.69E-04	3.62E-01	3.99E-02	7.98E-03	7.98E-10	3.99E-03	9.55E-05	7.03E-05	1.96E-04	6.44E-04	3.81E-03	6.09E-05	1.38E-03	6.99E-02	6.48E-03	8.33E-02
1817	NG_513	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.207	4.59E-01	9.18E-01	Not Modelled	2.00E-01	4.24E-04	3.68E-01	4.59E-02	9.17E-03	9.17E-10	4.59E-03	1.10E-04	8.09E-05	2.25E-04	7.41E-04	4.38E-03	7.01E-05	1.58E-03	8.03E-02	7.44E-03	9.57E-02
1818	NG_514	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.207	5.88E-01	1.18E+00	Not Modelled	2.45E-01	5.44E-04	4.50E-01	5.88E-02	1.18E-02	1.18E-09	5.88E-03	1.41E-04	1.04E-04	2.88E-04	9.49E-04	5.61E-03	8.98E-05	2.03E-03	1.03E-01	9.54E-03	1.23E-01
1819	NG_515	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.207	7.62E-01	1.52E+00	Not Modelled	3.03E-01	7.05E-04	5.52E-01	7.62E-02	1.52E-02	1.52E-09	7.62E-03	1.82E-04	1.34E-04	3.74E-04	1.23E-03	7.28E-03	1.16E-04	2.63E-03	1.33E-01	1.24E-02	1.59E-01

AQIA DATA - SCENARIO 2 GRID MAX

Annual Average Pollutant Concentration (µg/m3) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**4.73E-09**	**2.37E-02**	**5.66E-04**	**4.17E-04**	**1.16E-03**	**3.82E-03**	**2.26E-02**	**3.61E-04**	**8.15E-03**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1820	NG_516	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.207	9.67E-01	1.93E+00	Not Modelled	3.68E-01	8.94E-04	6.62E-01	9.67E-02	1.93E-02	1.93E-09	9.67E-03	2.31E-04	1.70E-04	4.74E-04	1.56E-03	9.23E-03	1.48E-04	3.33E-03	1.69E-01	1.57E-02	2.02E-01
1821	NG_517	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.207	1.17E+00	2.35E+00	Not Modelled	4.30E-01	1.09E-03	7.64E-01	1.17E-01	2.35E-02	2.35E-09	1.17E-02	2.81E-04	2.07E-04	5.76E-04	1.90E-03	1.12E-02	1.79E-04	4.05E-03	2.06E-01	1.90E-02	2.45E-01
1838	NG_534	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.257	1.78E-01	3.55E-01	Not Modelled	8.53E-02	1.64E-04	1.41E-01	1.78E-02	3.55E-03	3.55E-10	1.78E-03	4.25E-05	3.13E-05	8.71E-05	2.87E-04	1.70E-03	2.71E-05	6.12E-04	3.11E-02	2.88E-03	3.71E-02
1839	NG_535	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.257	1.93E-01	3.85E-01	Not Modelled	9.20E-02	1.78E-04	1.53E-01	1.93E-02	3.85E-03	3.85E-10	1.93E-03	4.61E-05	3.39E-05	9.44E-05	3.11E-04	1.84E-03	2.94E-05	6.64E-04	3.37E-02	3.12E-03	4.02E-02
1840	NG_536	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.257	2.10E-01	4.20E-01	Not Modelled	9.98E-02	1.95E-04	1.66E-01	2.10E-02	4.20E-03	4.20E-10	2.10E-03	5.03E-05	3.70E-05	1.03E-04	3.39E-04	2.01E-03	3.21E-05	7.24E-04	3.68E-02	3.41E-03	4.39E-02
1841	NG_537	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.257	2.31E-01	4.62E-01	Not Modelled	1.09E-01	2.14E-04	1.82E-01	2.31E-02	4.62E-03	4.62E-10	2.31E-03	5.52E-05	4.07E-05	1.13E-04	3.73E-04	2.20E-03	3.52E-05	7.96E-04	4.04E-02	3.75E-03	4.82E-02
1842	NG_538	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.257	2.54E-01	5.09E-01	Not Modelled	1.19E-01	2.35E-04	2.00E-01	2.54E-02	5.09E-03	5.09E-10	2.55E-03	6.09E-05	4.48E-05	1.25E-04	4.11E-04	2.43E-03	3.88E-05	8.77E-04	4.45E-02	4.13E-03	5.31E-02
1843	NG_539	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.257	2.81E-01	5.63E-01	Not Modelled	1.32E-01	2.60E-04	2.22E-01	2.81E-02	5.63E-03	5.63E-10	2.82E-03	6.73E-05	4.96E-05	1.38E-04	4.54E-04	2.69E-03	4.30E-05	9.70E-04	4.93E-02	4.57E-03	5.87E-02
1844	NG_540	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.257	3.15E-01	6.31E-01	Not Modelled	1.47E-01	2.92E-04	2.49E-01	3.16E-02	6.31E-03	6.31E-10	3.16E-03	7.55E-05	5.56E-05	1.55E-04	5.09E-04	3.01E-03	4.82E-05	1.09E-03	5.52E-02	5.12E-03	6.58E-02
1845	NG_541	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.257	3.57E-01	7.15E-01	Not Modelled	1.67E-01	3.31E-04	2.83E-01	3.57E-02	7.15E-03	7.15E-10	3.57E-03	8.55E-05	6.30E-05	1.75E-04	5.77E-04	3.41E-03	5.45E-05	1.23E-03	6.26E-02	5.80E-03	7.46E-02
1846	NG_542	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.257	4.04E-01	8.08E-01	Not Modelled	1.89E-01	3.74E-04	3.22E-01	4.04E-02	8.07E-03	8.07E-10	4.04E-03	9.66E-05	7.12E-05	1.98E-04	6.52E-04	3.85E-03	6.16E-05	1.39E-03	7.07E-02	6.55E-03	8.43E-02
1847	NG_543	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.257	4.49E-01	8.99E-01	Not Modelled	2.12E-01	4.16E-04	3.63E-01	4.49E-02	8.98E-03	8.98E-10	4.50E-03	1.07E-04	7.92E-05	2.20E-04	7.25E-04	4.29E-03	6.86E-05	1.55E-03	7.87E-02	7.29E-03	9.38E-02
1848	NG_544	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.257	4.94E-01	9.88E-01	Not Modelled	2.37E-01	4.57E-04	4.08E-01	4.94E-02	9.88E-03	9.88E-10	4.94E-03	1.18E-04	8.71E-05	2.42E-04	7.98E-04	4.72E-03	7.54E-05	1.70E-03	8.65E-02	8.02E-03	1.03E-01
1849	NG_545	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.257	5.33E-01	1.07E+00	Not Modelled	2.60E-01	4.93E-04	4.50E-01	5.33E-02	1.07E-02	1.07E-09	5.33E-03	1.27E-04	9.39E-05	2.61E-04	8.61E-04	5.09E-03	8.14E-05	1.84E-03	9.33E-02	8.65E-03	1.11E-01
1850	NG_546	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.257	5.52E-01	1.11E+00	Not Modelled	2.74E-01	5.11E-04	4.77E-01	5.52E-02	1.10E-02	1.10E-09	5.53E-03	1.32E-04	9.74E-05	2.71E-04	8.92E-04	5.27E-03	8.43E-05	1.90E-03	9.67E-02	8.96E-03	1.15E-01
1851	NG_547	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.257	5.46E-01	1.09E+00	Not Modelled	2.76E-01	5.05E-04	4.83E-01	5.46E-02	1.09E-02	1.09E-09	5.46E-03	1.31E-04	9.62E-05	2.68E-04	8.82E-04	5.21E-03	8.33E-05	1.88E-03	9.56E-02	8.86E-03	1.14E-01
1852	NG_548	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.257	5.14E-01	1.03E+00	Not Modelled	2.64E-01	4.76E-04	4.67E-01	5.15E-02	1.03E-02	1.03E-09	5.15E-03	1.23E-04	9.07E-05	2.52E-04	8.31E-04	4.91E-03	7.85E-05	1.77E-03	9.01E-02	8.35E-03	1.07E-01
1859	NG_555	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.257	7.85E-01	1.57E+00	Not Modelled	3.24E-01	7.26E-04	6.02E-01	7.85E-02	1.57E-02	1.57E-09	7.85E-03	1.88E-04	1.38E-04	3.85E-04	1.27E-03	7.49E-03	1.20E-04	2.71E-03	1.37E-01	1.27E-02	1.64E-01
1860	NG_556	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.257	1.07E+00	2.14E+00	Not Modelled	4.18E-01	9.92E-04	7.67E-01	1.07E-01	2.14E-02	2.14E-09	1.07E-02	2.57E-04	1.89E-04	5.26E-04	1.73E-03	1.02E-02	1.64E-04	3.70E-03	1.88E-01	1.74E-02	2.24E-01
1861	NG_557	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.257	1.39E+00	2.78E+00	Not Modelled	5.15E-01	1.28E-03	9.34E-01	1.39E-01	2.78E-02	2.78E-09	1.39E-02	3.32E-04	2.45E-04	6.81E-04	2.24E-03	1.33E-02	2.12E-04	4.79E-03	2.43E-01	2.25E-02	2.90E-01
1862	NG_558	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.257	1.62E+00	3.24E+00	Not Modelled	5.84E-01	1.50E-03	1.04E+00	1.62E-01	3.24E-02	3.24E-09	1.62E-02	3.88E-04	2.85E-04	7.94E-04	2.61E-03	1.55E-02	2.47E-04	5.58E-03	2.84E-01	2.63E-02	3.38E-01
1879	NG_575	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.307	1.77E-01	3.54E-01	Not Modelled	8.65E-02	1.64E-04	1.44E-01	1.77E-02	3.54E-03	3.54E-10	1.77E-03	4.23E-05	3.12E-05	8.67E-05	2.86E-04	1.69E-03	2.70E-05	6.10E-04	3.10E-02	2.87E-03	3.69E-02
1880	NG_576	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.307	1.91E-01	3.81E-01	Not Modelled	9.27E-02	1.76E-04	1.55E-01	1.91E-02	3.81E-03	3.81E-10	1.91E-03	4.56E-05	3.36E-05	9.35E-05	3.08E-04	1.82E-03	2.91E-05	6.57E-04	3.34E-02	3.09E-03	3.98E-02
1881	NG_577	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.307	2.08E-01	4.16E-01	Not Modelled	1.01E-01	1.93E-04	1.70E-01	2.08E-02	4.16E-03	4.16E-10	2.08E-03	4.98E-05	3.67E-05	1.02E-04	3.36E-04	1.99E-03	3.18E-05	7.17E-04	3.64E-02	3.38E-03	4.34E-02
1882	NG_578	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.307	2.29E-01	4.58E-01	Not Modelled	1.10E-01	2.12E-04	1.87E-01	2.29E-02	4.58E-03	4.58E-10	2.29E-03	5.48E-05	4.04E-05	1.12E-04	3.70E-04	2.19E-03	3.50E-05	7.89E-04	4.01E-02	3.72E-03	4.78E-02
1883	NG_579	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.307	2.51E-01	5.02E-01	Not Modelled	1.20E-01	2.32E-04	2.04E-01	2.51E-02	5.01E-03	5.01E-10	2.51E-03	6.00E-05	4.42E-05	1.23E-04	4.05E-04	2.39E-03	3.83E-05	8.64E-04	4.39E-02	4.07E-03	5.23E-02
1884	NG_580	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.307	2.77E-01	5.54E-01	Not Modelled	1.31E-01	2.56E-04	2.24E-01	2.77E-02	5.54E-03	5.54E-10	2.77E-03	6.63E-05	4.88E-05	1.36E-04	4.47E-04	2.64E-03	4.23E-05	9.55E-04	4.85E-02	4.49E-03	5.78E-02
1885	NG_581	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.307	3.13E-01	6.25E-01	Not Modelled	1.47E-01	2.89E-04	2.53E-01	3.13E-02	6.25E-03	6.25E-10	3.13E-03	7.48E-05	5.51E-05	1.53E-04	5.05E-04	2.98E-03	4.77E-05	1.08E-03	5.47E-02	5.07E-03	6.52E-02
1886	NG_582	Nested Grid - 50m	Parks/ Recreation	Offsite	379.014	6367.307	3.59E-01	7.17E-01	Not Modelled	1.68E-01	3.32E-04	2.90E-01	3.59E-02	7.17E-03	7.17E-10	3.59E-03	8.58E-05	6.32E-05	1.76E-04	5.79E-04	3.42E-03	5.47E-05	1.24E-03	6.28E-02	5.82E-03	7.48E-02
1887	NG_583	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.307	4.09E-01	8.18E-01	Not Modelled	1.90E-01	3.78E-04	3.29E-01	4.09E-02	8.17E-03	8.17E-10	4.09E-03	9.78E-05	7.20E-05	2.00E-04	6.60E-04	3.90E-03	6.24E-05	1.41E-03	7.15E-02	6.63E-03	8.53E-02
1888	NG_584	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.307	4.64E-01	9.29E-01	Not Modelled	2.17E-01	4.30E-04	3.76E-01	4.64E-02	9.29E-03	9.29E-10	4.65E-03	1.11E-04	8.19E-05	2.28E-04	7.50E-04	4.43E-03	7.09E-05	1.60E-03	8.13E-02	7.54E-03	9.69E-02
1889	NG_585	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.307	5.32E-01	1.06E+00	Not Modelled	2.50E-01	4.92E-04	4.36E-01	5.32E-02	1.06E-02	1.06E-09	5.32E-03	1.27E-04	9.38E-05	2.61E-04	8.59E-04	5.08E-03	8.12E-05	1.83E-03	9.31E-02	8.63E-03	1.11E-01
1890	NG_586	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.307	6.04E-01	1.21E+00	Not Modelled	2.87E-01	5.59E-04	5.02E-01	6.04E-02	1.21E-02	1.21E-09	6.05E-03	1.45E-04	1.07E-04	2.96E-04	9.76E-04	5.77E-03	9.23E-05	2.08E-03	1.06E-01	9.81E-03	1.26E-01
1891	NG_587	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.307	6.60E-01	1.32E+00	Not Modelled	3.17E-01	6.11E-04	5.58E-01	6.60E-02	1.32E-02	1.32E-09	6.61E-03	1.58E-04	1.16E-04	3.24E-04	1.07E-03	6.30E-03	1.01E-04	2.28E-03	1.16E-01	1.07E-02	1.38E-01
1892	NG_588	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.307	6.86E-01	1.37E+00	Not Modelled	3.36E-01	6.35E-04	5.95E-01	6.86E-02	1.37E-02	1.37E-09	6.86E-03	1.64E-04	1.21E-04	3.36E-04	1.11E-03	6.55E-03	1.05E-04	2.36E-03	1.20E-01	1.11E-02	1.43E-01
1893	NG_589	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.307	6.84E-01	1.37E+00	Not Modelled	3.46E-01	6.33E-04	6.17E-01	6.84E-02	1.37E-02	1.37E-09	6.85E-03	1.64E-04	1.21E-04	3.36E-04	1.11E-03	6.53E-03	1.04E-04	2.36E-03	1.20E-01	1.11E-02	1.43E-01
1900	NG_596	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.307	1.18E+00	2.36E+00	Not Modelled	4.76E-01	1.09E-03	8.94E-01	1.18E-01	2.36E-02	2.36E-09	1.18E-02	2.82E-04	2.08E-04	5.78E-04	1.90E-03	1.13E-02	1.80E-04	4.07E-03	2.06E-01	1.91E-02	2.46E-01
1901	NG_597	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.307	1.67E+00	3.35E+00	Not Modelled	6.33E-01	1.55E-03	1.17E+00	1.67E-01	3.35E-02	3.35E-09	1.67E-02	4.00E-04	2.95E-04	8.21E-04	2.70E-03	1.60E-02	2.56E-04	5.77E-03	2.93E-01	2.71E-02	3.49E-01
1902	NG_598	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.307	2.07E+00	4.14E+00	Not Modelled	7.52E-01	1.91E-03	1.37E+00	2.07E-01	4.14E-02	4.14E-09	2.07E-02	4.95E-04	3.65E-04	1.01E-03	3.34E-03	1.98E-02	3.16E-04	7.13E-03	3.62E-01	3.36E-02	4.32E-01
1903	NG_599	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.307	2.24E+00	4.48E+00	Not Modelled	7.97E-01	2.07E-03	1.43E+00	2.24E-01	4.48E-02	4.48E-09	2.24E-02	5.35E-04	3.94E-04	1.10E-03	3.61E-03	2.14E-02	3.42E-04	7.72E-03	3.92E-01	3.63E-02	4.67E-01
1920	NG_616	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.357	1.77E-01	3.55E-01	Not Modelled	8.81E-02	1.64E-04	1.48E-01	1.77E-02	3.55E-03	3.55E-10	1.77E-03	4.24E-05	3.13E-05	8.70E-05	2.86E-04	1.69E-03	2.71E-05	6.11E-04	3.11E-02	2.88E-03	3.70E-02
1921	NG_617	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.357	1.91E-01	3.83E-01	Not Modelled	9.47E-02	1.77E-04	1.60E-01	1.91E-02	3.82E-03	3.82E-10	1.91E-03	4.58E-05	3.37E-05	9.38E-05	3.09E-04	1.83E-03	2.92E-05	6.59E-04	3.35E-02	3.10E-03	3.99E-02
1922	NG_618	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.357	2.09E-01	4.17E-01	Not Modelled	1.03E-01	1.93E-04	1.75E-01	2.09E-02	4.17E-03	4.17E-10	2.09E-03	4.99E-05	3.68E-05	1.02E-04	3.37E-04	1.99E-03	3.18E-05	7.19E-04	3.65E-02	3.38E-03	4.35E-02
1923	NG_619	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.357	2.28E-01	4.57E-01	Not Modelled	1.12E-01	2.11E-04	1.92E-01	2.28E-02	4.57E-03	4.57E-10	2.29E-03	5.47E-05	4.03E-05	1.12E-04	3.69E-04	2.18E-03	3.49E-05	7.88E-04	4.00E-02	3.71E-03	4.77E-02
1924	NG_620	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.357	2.50E-01	5.01E-01	Not Modelled	1.22E-01	2.32E-04	2.10E-01	2.50E-02	5.00E-03	5.00E-10	2.50E-03	5.99E-05	4.41E-05	1.23E-04	4.04E-04	2.39E-03	3.82E-05	8.62E-04	4.38E-02	4.06E-03	5.22E-02
1925	NG_621	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.357	2.76E-01	5.53E-01	Not Modelled	1.34E-01	2.56E-04	2.31E-01	2.76E-02	5.53E-03	5.53E-10	2.77E-03	6.61E-05	4.87E-05	1.36E-04	4.46E-04	2.64E-03	4.22E-05	9.53E-04	4.84E-02	4.48E-03	5.77E-02
1926	NG_622	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.357	3.12E-01	6.23E-01	Not Modelled	1.49E-01	2.88E-04	2.60E-01	3.12E-02	6.23E-03	6.23E-10	3.12E-03	7.45E-05	5.49E-05	1.53E-04	5.03E-04	2.97E-03	4.76E-05	1.07E-03	5.46E-02	5.06E-03	6.50E-02
1927	NG_623	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.357	3.56E-01	7.12E-01	Not Modelled	1.69E-01	3.29E-04	2.96E-01	3.56E-02	7.12E-03	7.12E-10	3.56E-03	8.51E-05	6.27E-05	1.75E-04	5.75E-04	3.40E-03	5.43E-05	1.23E-03	6.23E-02	5.77E-03	7.43E-02
1928	NG_624	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.357	4.06E-01	8.12E-01	Not Modelled	1.91E-01	3.76E-04	3.35E-01	4.06E-02	8.12E-03	8.12E-10	4.06E-03	9.71E-05	7.15E-05	1.99E-04	6.55E-04	3.87E-03	6.20E-05	1.40E-03	7.11E-02	6.59E-03	8.47E-02
1929	NG_625	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.357	4.69E-01	9.39E-01	Not Modelled	2.20E-01	4.34E-04	3.88E-01	4.69E-02	9.38E-03	9.38E-10	4.69E-03	1.12E-04	8.27E-05	2.30E-04	7.58E-04	4.48E-03	7.16E-05	1.62E-03	8.21E-02	7.61E-03	9.79E-02
1930	NG_626	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.357	5.54E-01	1.11E+00	Not Modelled	2.59E-01	5.13E-04	4.59E-01	5.54E-02	1.11E-02	1.11E-09	5.54E-03	1.33E-04	9.77E-05	2.72E-04	8.95E-04	5.29E-03	8.46E-05	1.91E-03	9.70E-02	8.99E-03	1.16E-01
1931	NG_627	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.357	6.53E-01	1.31E+00	Not Modelled	3.04E-01	6.05E-04	5.40E-01	6.53E-02	1.31E-02	1.31E-09	6.54E-03	1.56E-04	1.15E-04	3.20E-04	1.05E-03	6.24E-03	9.97E-05	2.25E-03	1.14E-01	1.06E-02	1.36E-01
1932	NG_628	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.357	7.48E-01	1.50E+00	Not Modelled	3.49E-01	6.93E-04	6.23E-01	7.48E-02	1.50E-02	1.50E-09	7.49E-03	1.79E-04	1.32E-04	3.67E-04	1.21E-03	7.14E-03	1.14E-04	2.58E-03	1.31E-01	1.21E-02	1.56E-01
1933	NG_629	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.357	8.32E-01	1.66E+00	Not Modelled	3.97E-01	7.70E-04	7.12E-01	8.32E-02	1.66E-02	1.66E-09	8.32E-03	1.99E-04	1.47E-04	4.08E-04	1.34E-03	7.94E-03	1.27E-04	2.87E-03	1.46E-01	1.35E-02	1.74E-01
1934	NG_630	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.357	9.09E-01	1.82E+00	Not Modelled	4.47E-01	8.41E-04	8.09E-01	9.09E-02	1.82E-02	1.82E-09	9.09E-03	2.17E-04	1.60E-04	4.46E-04	1.47E-03	8.68E-03	1.39E-04	3.13E-03	1.59E-01	1.47E-02	1.90E-01
1961	NG_657	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.407	1.80E-01	3.61E-01	Not Modelled	9.12E-02	1.67E-04	1.54E-01	1.80E-02	3.61E-03	3.61E-10	1.80E-03	4.31E-05	3.18E-05	8.84E-05	2.91E-04	1.72E-03	2.75E-05	6.21E-04	3.16E-02	2.92E-03	3.76E-02
1962	NG_658	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.407	1.95E-01	3.91E-01	Not Modelled	9.89E-02	1.81E-04	1.68E-01	1.95E-02	3.91E-03	3.91E-10	1.96E-03	4.68E-05	3.45E-05	9.59E-05	3.16E-04	1.87E-03	2.98E-05	6.74E-04	3.42E-02	3.17E-03	4.08E-02
1963	NG_659	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.407	2.12E-01	4.24E-01	Not Modelled	1.07E-01	1.96E-04	1.83E-01	2.12E-02	4.24E-03	4.24E-10	2.12E-03	5.07E-05	3.74E-05	1.04E-04	3.42E-04	2.02E-03	3.24E-05	7.31E-04	3.71E-02	3.44E-03	4.42E-02
1964	NG_660	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.407	2.31E-01	4.62E-01	Not Modelled	1.16E-01	2.14E-04	1.99E-01	2.31E-02	4.62E-03	4.62E-10	2.31E-03	5.53E-05	4.07E-05	1.13E-04	3.73E-04	2.21E-03	3.53E-05	7.97E-04	4.05E-02	3.75E-03	4.82E-02
1965	NG_661	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.407	2.53E-01	5.06E-01	Not Modelled	1.26E-01	2.34E-04	2.18E-01	2.53E-02	5.06E-03	5.06E-10	2.53E-03	6.06E-05	4.46E-05	1.24E-04	4.09E-04	2.42E-03	3.86E-05	8.73E-04	4.43E-02	4.11E-03	5.28E-02
1966	NG_662	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.407	2.81E-01	5.62E-01	Not Modelled	1.39E-01	2.60E-04	2.43E-01	2.81E-02	5.62E-03	5.62E-10	2.81E-03	6.72E-05	4.95E-05	1.38E-04	4.54E-04	2.68E-03	4.29E-05	9.69E-04	4.92E-02	4.56E-03	5.87E-02
1967	NG_663	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.407	3.15E-01	6.31E-01	Not Modelled	1.55E-01	2.92E-04	2.72E-01	3.15E-02	6.30E-03	6.30E-10	3.15E-03	7.54E-05	5.56E-05	1.55E-04	5.09E-04	3.01E-03	4.81E-05	1.09E-03	5.52E-02	5.11E-03	6.58E-02
1968	NG_664	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.407	3.57E-01	7.14E-01	Not Modelled	1.73E-01	3.30E-04	3.06E-01	3.57E-02	7.13E-03	7.13E-10	3.57E-03	8.53E-05	6.29E-05	1.75E-04	5.76E-04	3.41E-03	5.45E-05	1.23E-03	6.25E-02	5.79E-03	7.45E-02
1969	NG_665	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.407	4.07E-01	8.14E-01	Not Modelled	1.96E-01	3.76E-04	3.48E-01	4.07E-02	8.13E-03	8.13E-10	4.07E-03	9.73E-05	7.17E-05	1.99E-04	6.57E-04	3.88E-03	6.21E-05	1.40E-03	7.12E-02	6.60E-03	8.49E-02
1970	NG_666	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.407	4.75E-01	9.51E-01	Not Modelled	2.28E-01	4.40E-04	4.07E-01	4.75E-02	9.50E-03	9.50E-10	4.75E-03	1.14E-04	8.38E-05	2.33E-04	7.67E-04	4.54E-03	7.26E-05	1.64E-03	8.32E-02	7.71E-03	9.92E-02
1971	NG_667	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.407	5.68E-01	1.14E+00	Not Modelled	2.69E-01	5.26E-04	4.84E-01	5.68E-02	1.14E-02	1.14E-09	5.68E-03	1.36E-04	1.00E-04	2.79E-04	9.17E-04	5.42E-03	8.67E-05	1.96E-03	9.94E-02	9.22E-03	1.19E-01
1972	NG_668	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.407	6.81E-01	1.36E+00	Not Modelled	3.17E-01	6.30E-04	5.73E-01	6.81E-02	1.36E-02	1.36E-09	6.81E-03	1.63E-04	1.20E-04	3.34E-04	1.10E-03	6.50E-03	1.04E-04	2.35E-03	1.19E-01	1.10E-02	1.42E-01
1973	NG_669	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.407	8.04E-01	1.61E+00	Not Modelled	3.73E-01	7.44E-04	6.77E-01	8.04E-02	1.61E-02	1.61E-09	8.04E-03	1.92E-04	1.42E-04	3.94E-04	1.30E-03	7.68E-03	1.23E-04	2.77E-03	1.41E-01	1.30E-02	1.68E-01
1974	NG_670	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.407	9.54E-01	1.91E+00	Not Modelled	4.50E-01	8.83E-04	8.20E-01	9.54E-02	1.91E-02	1.91E-09	9.55E-03	2.28E-04	1.68E-04	4.68E-04	1.54E-03	9.11E-03	1.46E-04	3.29E-03	1.67E-01	1.55E-02	1.99E-01
1975	NG_671	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.407	1.14E+00	2.29E+00	Not Modelled	5.48E-01	1.06E-03	1.01E+00	1.14E-01	2.29E-02	2.29E-09	1.14E-02	2.73E-04	2.01E-04	5.60E-04	1.85E-03	1.09E-02	1.74E-04	3.94E-03	2.00E-01	1.85E-02	2.39E-01
2002	NG_698	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.457	1.83E-01	3.66E-01	Not Modelled	9.41E-02	1.69E-04	1.59E-01	1.83E-02	3.66E-03	3.66E-10	1.83E-03	4.38E-05	3.22E-05	8.97E-05	2.95E-04	1.75E-03	2.79E-05	6.30E-04	3.20E-02	2.97E-03	3.82E-02
2003	NG_699	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.457	1.98E-01	3.97E-01	Not Modelled	1.02E-01	1.84E-04	1.74E-01	1.98E-02	3.97E-03	3.97E-10	1.98E-03	4.75E-05	3.50E-05	9.73E-05	3.20E-04	1.89E-03	3.03E-05	6.84E-04	3.47E-02	3.22E-03	4.14E-02
2004	NG_700	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.457	2.14E-01	4.29E-01	Not Modelled	1.09E-01	1.98E-04	1.87E-01	2.14E-02	4.28E-03	4.28E-10	2.14E-03	5.13E-05	3.78E-05	1.05E-04	3.46E-04	2.05E-03	3.27E-05	7.38E-04	3.75E-02	3.48E-03	4.47E-02
2005	NG_701	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.457	2.33E-01	4.66E-01	Not Modelled	1.18E-01	2.15E-04	2.03E-01	2.33E-02	4.65E-03	4.65E-10	2.33E-03	5.57E-05	4.10E-05	1.14E-04	3.76E-04	2.22E-03	3.55E-05	8.02E-04	4.07E-02	3.78E-03	4.86E-02
2006	NG_702	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.457	2.56E-01	5.13E-01	Not Modelled	1.29E-01	2.37E-04	2.25E-01	2.56E-02	5.12E-03	5.12E-10	2.56E-03	6.13E-05	4.52E-05	1.26E-04	4.14E-04	2.45E-03	3.91E-05	8.83E-04	4.48E-02	4.16E-03	5.35E-02
2007	NG_703	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.457	2.85E-01	5.70E-01	Not Modelled	1.43E-01	2.64E-04	2.51E-01	2.85E-02	5.70E-03	5.70E-10	2.85E-03	6.81E-05	5.02E-05	1.40E-04	4.60E-04	2.72E-03	4.35E-05	9.82E-04	4.99E-02	4.62E-03	5.94E-02
2008	NG_704	Nested Grid - 50m	Parks/ Recreation	Offsite	378.964	6367.457	3.18E-01	6.37E-01	Not Modelled	1.59E-01	2.95E-04	2.80E-01	3.18E-02	6.37E-03	6.37E-10	3.19E-03	7.62E-05	5.61E-05	1.56E-04	5.14E-04	3.04E-03	4.86E-05	1.10E-03	5.57E-02	5.17E-03	6.65E-02
2009	NG_705	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.457	3.60E-01	7.19E-01	Not Modelled	1.77E-01	3.33E-04	3.15E-01	3.60E-02	7.19E-03	7.19E-10	3.60E-03	8.60E-05	6.34E-05	1.76E-04	5.81E-04	3.43E-03	5.49E-05	1.24E-03	6.30E-02	5.83E-03	7.51E-02
2010	NG_706	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.457	4.10E-01	8.21E-01	Not Modelled	2.02E-01	3.80E-04	3.61E-01	4.10E-02	8.21E-03	8.21E-10	4.11E-03	9.82E-05	7.23E-05	2.01E-04	6.63E-04	3.92E-03	6.27E-05	1.41E-03	7.19E-02	6.66E-03	8.57E-02
2011	NG_707	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.457	4.82E-01	9.65E-01	Not Modelled	2.37E-01	4.46E-04	4.27E-01	4.82E-02	9.65E-03	9.65E-10	4.83E-03	1.15E-04	8.50E-05	2.37E-04	7.79E-04	4.61E-03	7.36E-05	1.66E-03	8.45E-02	7.83E-03	1.01E-01
2012	NG_708	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.457	5.80E-01	1.16E+00	Not Modelled	2.81E-01	5.37E-04	5.11E-01	5.80E-02	1.16E-02	1.16E-09	5.81E-03	1.39E-04	1.02E-04	2.85E-04	9.37E-04	5.54E-03	8.86E-05	2.00E-03	1.02E-01	9.42E-03	1.21E-01
2013	NG_709	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.457	7.00E-01	1.40E+00	Not Modelled	3.34E-01	6.48E-04	6.10E-01	7.00E-02	1.40E-02	1.40E-09	7.01E-03	1.68E-04	1.23E-04	3.43E-04	1.13E-03	6.69E-03	1.07E-04	2.41E-03	1.23E-01	1.14E-02	1.46E-01
2014	NG_710	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.457	8.32E-01	1.66E+00	Not Modelled	3.95E-01	7.70E-04	7.26E-01	8.32E-02	1.66E-02	1.66E-09	8.33E-03	1.99E-04	1.47E-04	4.08E-04	1.34E-03	7.95E-03	1.27E-04	2.87E-03	1.46E-01	1.35E-02	1.74E-01
2015	NG_711	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.457	1.03E+00	2.06E+00	Not Modelled	4.91E-01	9.51E-04	9.10E-01	1.03E-01	2.05E-02	2.05E-09	1.03E-02	2.46E-04	1.81E-04	5.04E-04	1.66E-03	9.81E-03	1.57E-04	3.54E-03	1.80E-01	1.67E-02	2.14E-01
2016	NG_712	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.457	1.32E+00	2.64E+00	Not Modelled	6.32E-01	1.22E-03	1.18E+00	1.32E-01	2.64E-02	2.64E-09	1.32E-02	3.16E-04	2.33E-04	6.47E-04	2.13E-03	1.26E-02	2.01E-04	4.55E-03	2.31E-01	2.14E-02	2.75E-01

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 2 GRID MAX

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**4.73E-09**	**2.37E-02**	**5.66E-04**	**4.17E-04**	**1.16E-03**	**3.82E-03**	**2.26E-02**	**3.61E-04**	**8.15E-03**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2043	NG_739	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.507	1.83E-01	3.66E-01	Not Modelled	9.50E-02	1.69E-04	1.60E-01	1.83E-02	3.66E-03	3.66E-10	1.83E-03	4.38E-05	3.22E-05	8.97E-05	2.95E-04	1.75E-03	2.79E-05	6.31E-04	3.20E-02	2.97E-03	3.82E-02
2044	NG_740	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.507	1.98E-01	3.96E-01	Not Modelled	1.03E-01	1.83E-04	1.74E-01	1.98E-02	3.96E-03	3.96E-10	1.98E-03	4.74E-05	3.49E-05	9.71E-05	3.20E-04	1.89E-03	3.02E-05	6.83E-04	3.47E-02	3.21E-03	4.13E-02
2045	NG_741	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.507	2.14E-01	4.28E-01	Not Modelled	1.10E-01	1.98E-04	1.88E-01	2.14E-02	4.28E-03	4.28E-10	2.14E-03	5.12E-05	3.77E-05	1.05E-04	3.46E-04	2.04E-03	3.27E-05	7.38E-04	3.75E-02	3.47E-03	4.47E-02
2046	NG_742	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.507	2.33E-01	4.66E-01	Not Modelled	1.19E-01	2.16E-04	2.05E-01	2.33E-02	4.66E-03	4.66E-10	2.33E-03	5.58E-05	4.11E-05	1.14E-04	3.76E-04	2.22E-03	3.56E-05	8.03E-04	4.08E-02	3.78E-03	4.86E-02
2047	NG_743	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.507	2.56E-01	5.12E-01	Not Modelled	1.30E-01	2.37E-04	2.26E-01	2.56E-02	5.12E-03	5.12E-10	2.56E-03	6.13E-05	4.52E-05	1.26E-04	4.14E-04	2.45E-03	3.91E-05	8.83E-04	4.48E-02	4.16E-03	5.35E-02
2048	NG_744	Nested Grid - 50m	Parks/ Recreation	Offsite	378.914	6367.507	2.85E-01	5.70E-01	Not Modelled	1.44E-01	2.64E-04	2.53E-01	2.85E-02	5.70E-03	5.70E-10	2.85E-03	6.82E-05	5.03E-05	1.40E-04	4.60E-04	2.72E-03	4.35E-05	9.83E-04	4.99E-02	4.63E-03	5.95E-02
2049	NG_745	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.507	3.20E-01	6.40E-01	Not Modelled	1.61E-01	2.96E-04	2.84E-01	3.20E-02	6.40E-03	6.40E-10	3.20E-03	7.65E-05	5.64E-05	1.57E-04	5.17E-04	3.05E-03	4.88E-05	1.10E-03	5.60E-02	5.19E-03	6.68E-02
2050	NG_746	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.507	3.62E-01	7.24E-01	Not Modelled	1.80E-01	3.35E-04	3.21E-01	3.62E-02	7.24E-03	7.24E-10	3.62E-03	8.66E-05	6.38E-05	1.77E-04	5.84E-04	3.45E-03	5.52E-05	1.25E-03	6.34E-02	5.87E-03	7.55E-02
2051	NG_747	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.507	4.14E-01	8.28E-01	Not Modelled	2.06E-01	3.83E-04	3.69E-01	4.14E-02	8.28E-03	8.28E-10	4.14E-03	9.90E-05	7.30E-05	2.03E-04	6.68E-04	3.95E-03	6.32E-05	1.43E-03	7.25E-02	6.72E-03	8.64E-02
2052	NG_748	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.507	4.89E-01	9.77E-01	Not Modelled	2.43E-01	4.52E-04	4.39E-01	4.89E-02	9.77E-03	9.77E-10	4.89E-03	1.17E-04	8.61E-05	2.40E-04	7.89E-04	4.67E-03	7.46E-05	1.68E-03	8.55E-02	7.93E-03	1.02E-01
2053	NG_749	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.507	5.94E-01	1.19E+00	Not Modelled	2.93E-01	5.49E-04	5.35E-01	5.94E-02	1.19E-02	1.19E-09	5.94E-03	1.42E-04	1.05E-04	2.91E-04	9.59E-04	5.67E-03	9.06E-05	2.05E-03	1.04E-01	9.63E-03	1.24E-01
2054	NG_750	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.507	7.15E-01	1.43E+00	Not Modelled	3.48E-01	6.62E-04	6.40E-01	7.16E-02	1.43E-02	1.43E-09	7.16E-03	1.71E-04	1.26E-04	3.51E-04	1.16E-03	6.83E-03	1.09E-04	2.47E-03	1.25E-01	1.16E-02	1.49E-01
2055	NG_751	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.507	8.52E-01	1.70E+00	Not Modelled	4.16E-01	7.89E-04	7.71E-01	8.52E-02	1.70E-02	1.70E-09	8.52E-03	2.04E-04	1.50E-04	4.18E-04	1.38E-03	8.14E-03	1.30E-04	2.94E-03	1.49E-01	1.38E-02	1.78E-01
2056	NG_752	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.507	1.06E+00	2.13E+00	Not Modelled	5.25E-01	9.85E-04	9.82E-01	1.06E-01	2.13E-02	2.13E-09	1.07E-02	2.55E-04	1.88E-04	5.22E-04	1.72E-03	1.02E-02	1.63E-04	3.67E-03	1.86E-01	1.73E-02	2.22E-01
2057	NG_753	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.507	1.41E+00	2.81E+00	Not Modelled	6.93E-01	1.30E-03	1.31E+00	1.41E-01	2.81E-02	2.81E-09	1.41E-02	3.37E-04	2.48E-04	6.90E-04	2.27E-03	1.34E-02	2.15E-04	4.85E-03	2.46E-01	2.28E-02	2.94E-01
2084	NG_780	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.557	1.81E-01	3.61E-01	Not Modelled	9.43E-02	1.67E-04	1.58E-01	1.81E-02	3.61E-03	3.61E-10	1.81E-03	4.32E-05	3.18E-05	8.86E-05	2.92E-04	1.72E-03	2.76E-05	6.23E-04	3.16E-02	2.93E-03	3.77E-02
2085	NG_781	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.557	1.95E-01	3.91E-01	Not Modelled	1.02E-01	1.81E-04	1.72E-01	1.95E-02	3.91E-03	3.91E-10	1.96E-03	4.68E-05	3.45E-05	9.59E-05	3.16E-04	1.87E-03	2.98E-05	6.74E-04	3.42E-02	3.17E-03	4.08E-02
2086	NG_782	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.557	2.12E-01	4.24E-01	Not Modelled	1.09E-01	1.96E-04	1.87E-01	2.12E-02	4.24E-03	4.24E-10	2.12E-03	5.07E-05	3.73E-05	1.04E-04	3.42E-04	2.02E-03	3.23E-05	7.30E-04	3.71E-02	3.44E-03	4.42E-02
2087	NG_783	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.557	2.31E-01	4.63E-01	Not Modelled	1.19E-01	2.14E-04	2.04E-01	2.31E-02	4.63E-03	4.63E-10	2.31E-03	5.53E-05	4.08E-05	1.13E-04	3.74E-04	2.21E-03	3.53E-05	7.97E-04	4.05E-02	3.75E-03	4.83E-02
2088	NG_784	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.557	2.55E-01	5.10E-01	Not Modelled	1.30E-01	2.36E-04	2.26E-01	2.55E-02	5.09E-03	5.09E-10	2.55E-03	6.09E-05	4.49E-05	1.25E-04	4.11E-04	2.43E-03	3.89E-05	8.78E-04	4.46E-02	4.13E-03	5.32E-02
2089	NG_785	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.557	2.84E-01	5.68E-01	Not Modelled	1.45E-01	2.63E-04	2.53E-01	2.84E-02	5.68E-03	5.68E-10	2.84E-03	6.79E-05	5.00E-05	1.39E-04	4.58E-04	2.71E-03	4.33E-05	9.79E-04	4.97E-02	4.61E-03	5.92E-02
2090	NG_786	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.557	3.19E-01	6.38E-01	Not Modelled	1.61E-01	2.95E-04	2.84E-01	3.19E-02	6.38E-03	6.38E-10	3.19E-03	7.63E-05	5.62E-05	1.56E-04	5.15E-04	3.04E-03	4.87E-05	1.10E-03	5.58E-02	5.17E-03	6.66E-02
2091	NG_787	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.557	3.62E-01	7.24E-01	Not Modelled	1.82E-01	3.35E-04	3.23E-01	3.62E-02	7.23E-03	7.23E-10	3.62E-03	8.65E-05	6.38E-05	1.77E-04	5.84E-04	3.45E-03	5.52E-05	1.25E-03	6.33E-02	5.87E-03	7.55E-02
2092	NG_788	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.557	4.16E-01	8.31E-01	Not Modelled	2.09E-01	3.85E-04	3.74E-01	4.16E-02	8.31E-03	8.31E-10	4.16E-03	9.94E-05	7.33E-05	2.04E-04	6.71E-04	3.97E-03	6.35E-05	1.43E-03	7.28E-02	6.74E-03	8.67E-02
2093	NG_789	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.557	4.94E-01	9.88E-01	Not Modelled	2.49E-01	4.57E-04	4.50E-01	4.94E-02	9.88E-03	9.88E-10	4.94E-03	1.18E-04	8.71E-05	2.42E-04	7.98E-04	4.72E-03	7.54E-05	1.70E-03	8.65E-02	8.02E-03	1.03E-01
2094	NG_790	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.557	6.02E-01	1.20E+00	Not Modelled	3.02E-01	5.57E-04	5.51E-01	6.02E-02	1.20E-02	1.20E-09	6.02E-03	1.44E-04	1.06E-04	2.95E-04	9.72E-04	5.75E-03	9.19E-05	2.08E-03	1.05E-01	9.77E-03	1.26E-01
2095	NG_791	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.557	7.27E-01	1.45E+00	Not Modelled	3.60E-01	6.73E-04	6.63E-01	7.27E-02	1.45E-02	1.45E-09	7.28E-03	1.74E-04	1.28E-04	3.57E-04	1.17E-03	6.94E-03	1.11E-04	2.51E-03	1.27E-01	1.18E-02	1.52E-01
2096	NG_792	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.557	8.67E-01	1.73E+00	Not Modelled	4.33E-01	8.03E-04	8.04E-01	8.67E-02	1.73E-02	1.73E-09	8.68E-03	2.07E-04	1.53E-04	4.25E-04	1.40E-03	8.28E-03	1.32E-04	2.99E-03	1.52E-01	1.41E-02	1.81E-01
2097	NG_793	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.557	1.09E+00	2.17E+00	Not Modelled	5.51E-01	1.00E-03	1.03E+00	1.09E-01	2.17E-02	2.17E-09	1.09E-02	2.60E-04	1.91E-04	5.32E-04	1.75E-03	1.04E-02	1.66E-04	3.74E-03	1.90E-01	1.76E-02	2.27E-01
2098	NG_794	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.557	1.43E+00	2.86E+00	Not Modelled	7.31E-01	1.32E-03	1.39E+00	1.43E-01	2.86E-02	2.86E-09	1.43E-02	3.42E-04	2.52E-04	7.02E-04	2.31E-03	1.37E-02	2.19E-04	4.93E-03	2.51E-01	2.32E-02	2.99E-01
2099	NG_795	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.557	1.89E+00	3.78E+00	Not Modelled	9.61E-01	1.75E-03	1.84E+00	1.89E-01	3.78E-02	3.78E-09	1.89E-02	4.53E-04	3.33E-04	9.28E-04	3.06E-03	1.81E-02	2.89E-04	6.52E-03	3.31E-01	3.07E-02	3.95E-01
2125	NG_821	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.607	1.78E-01	3.57E-01	Not Modelled	9.37E-02	1.65E-04	1.57E-01	1.78E-02	3.56E-03	3.56E-10	1.78E-03	4.26E-05	3.14E-05	8.74E-05	2.88E-04	1.70E-03	2.72E-05	6.15E-04	3.12E-02	2.89E-03	3.72E-02
2126	NG_822	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.607	1.93E-01	3.87E-01	Not Modelled	1.01E-01	1.79E-04	1.71E-01	1.93E-02	3.87E-03	3.87E-10	1.93E-03	4.63E-05	3.41E-05	9.48E-05	3.12E-04	1.85E-03	2.95E-05	6.66E-04	3.38E-02	3.14E-03	4.04E-02
2127	NG_823	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.607	2.10E-01	4.21E-01	Not Modelled	1.10E-01	1.95E-04	1.87E-01	2.10E-02	4.21E-03	4.21E-10	2.11E-03	5.03E-05	3.71E-05	1.03E-04	3.40E-04	2.01E-03	3.21E-05	7.25E-04	3.68E-02	3.41E-03	4.39E-02
2128	NG_824	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.607	2.30E-01	4.61E-01	Not Modelled	1.19E-01	2.13E-04	2.05E-01	2.30E-02	4.60E-03	4.60E-10	2.30E-03	5.51E-05	4.06E-05	1.13E-04	3.72E-04	2.20E-03	3.51E-05	7.94E-04	4.03E-02	3.73E-03	4.80E-02
2129	NG_825	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.607	2.53E-01	5.06E-01	Not Modelled	1.31E-01	2.34E-04	2.26E-01	2.53E-02	5.06E-03	5.06E-10	2.53E-03	6.05E-05	4.46E-05	1.24E-04	4.09E-04	2.42E-03	3.86E-05	8.72E-04	4.43E-02	4.11E-03	5.28E-02
2130	NG_826	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.607	2.82E-01	5.64E-01	Not Modelled	1.45E-01	2.61E-04	2.52E-01	2.82E-02	5.64E-03	5.64E-10	2.82E-03	6.74E-05	4.97E-05	1.38E-04	4.55E-04	2.69E-03	4.30E-05	9.71E-04	4.93E-02	4.57E-03	5.88E-02
2131	NG_827	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.607	3.18E-01	6.37E-01	Not Modelled	1.63E-01	2.95E-04	2.86E-01	3.18E-02	6.37E-03	6.37E-10	3.18E-03	7.61E-05	5.61E-05	1.56E-04	5.14E-04	3.04E-03	4.86E-05	1.10E-03	5.57E-02	5.16E-03	6.64E-02
2132	NG_828	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.607	3.63E-01	7.27E-01	Not Modelled	1.86E-01	3.36E-04	3.29E-01	3.63E-02	7.27E-03	7.27E-10	3.63E-03	8.69E-05	6.40E-05	1.78E-04	5.87E-04	3.47E-03	5.55E-05	1.25E-03	6.36E-02	5.89E-03	7.58E-02
2133	NG_829	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.607	4.18E-01	8.37E-01	Not Modelled	2.14E-01	3.87E-04	3.82E-01	4.19E-02	8.37E-03	8.37E-10	4.19E-03	1.00E-04	7.38E-05	2.05E-04	6.76E-04	4.00E-03	6.39E-05	1.44E-03	7.33E-02	6.79E-03	8.73E-02
2134	NG_830	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.607	4.97E-01	9.94E-01	Not Modelled	2.54E-01	4.60E-04	4.59E-01	4.97E-02	9.93E-03	9.93E-10	4.97E-03	1.19E-04	8.75E-05	2.44E-04	8.02E-04	4.74E-03	7.58E-05	1.71E-03	8.69E-02	8.06E-03	1.04E-01
2135	NG_831	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.607	6.04E-01	1.21E+00	Not Modelled	3.09E-01	5.59E-04	5.62E-01	6.04E-02	1.21E-02	1.21E-09	6.05E-03	1.45E-04	1.07E-04	2.96E-04	9.76E-04	5.77E-03	9.23E-05	2.08E-03	1.06E-01	9.81E-03	1.26E-01
2136	NG_832	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.607	7.34E-01	1.47E+00	Not Modelled	3.73E-01	6.79E-04	6.84E-01	7.34E-02	1.47E-02	1.47E-09	7.34E-03	1.76E-04	1.29E-04	3.60E-04	1.19E-03	7.01E-03	1.12E-04	2.53E-03	1.29E-01	1.19E-02	1.53E-01
2137	NG_833	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.607	8.78E-01	1.76E+00	Not Modelled	4.50E-01	8.13E-04	8.34E-01	8.78E-02	1.76E-02	1.76E-09	8.78E-03	2.10E-04	1.55E-04	4.31E-04	1.42E-03	8.38E-03	1.34E-04	3.03E-03	1.54E-01	1.42E-02	1.83E-01
2138	NG_834	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.607	1.09E+00	2.17E+00	Not Modelled	5.69E-01	1.00E-03	1.06E+00	1.09E-01	2.17E-02	2.17E-09	1.09E-02	2.60E-04	1.91E-04	5.32E-04	1.75E-03	1.04E-02	1.66E-04	3.74E-03	1.90E-01	1.76E-02	2.27E-01
2139	NG_835	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.607	1.40E+00	2.79E+00	Not Modelled	7.42E-01	1.29E-03	1.40E+00	1.40E-01	2.79E-02	2.79E-09	1.40E-02	3.34E-04	2.46E-04	6.85E-04	2.26E-03	1.33E-02	2.13E-04	4.82E-03	2.45E-01	2.27E-02	2.92E-01
2140	NG_836	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.607	1.79E+00	3.59E+00	Not Modelled	9.63E-01	1.66E-03	1.83E+00	1.79E-01	3.59E-02	3.59E-09	1.79E-02	4.29E-04	3.16E-04	8.79E-04	2.89E-03	1.71E-02	2.74E-04	6.18E-03	3.14E-01	2.91E-02	3.74E-01
2141	NG_837	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.607	2.37E+00	4.73E+00	Not Modelled	1.32E+00	2.19E-03	2.52E+00	2.37E-01	4.73E-02	4.73E-09	2.37E-02	5.66E-04	4.17E-04	1.16E-03	3.82E-03	2.26E-02	3.61E-04	8.15E-03	4.14E-01	3.84E-02	4.94E-01
2166	NG_862	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.657	1.77E-01	3.55E-01	Not Modelled	9.42E-02	1.64E-04	1.57E-01	1.77E-02	3.55E-03	3.55E-10	1.77E-03	4.24E-05	3.13E-05	8.70E-05	2.86E-04	1.69E-03	2.71E-05	6.11E-04	3.10E-02	2.88E-03	3.70E-02
2167	NG_863	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.657	1.92E-01	3.84E-01	Not Modelled	1.02E-01	1.78E-04	1.71E-01	1.92E-02	3.84E-03	3.84E-10	1.92E-03	4.60E-05	3.39E-05	9.42E-05	3.10E-04	1.83E-03	2.93E-05	6.62E-04	3.36E-02	3.12E-03	4.01E-02
2168	NG_864	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.657	2.09E-01	4.18E-01	Not Modelled	1.10E-01	1.93E-04	1.86E-01	2.09E-02	4.17E-03	4.17E-10	2.09E-03	4.99E-05	3.68E-05	1.02E-04	3.37E-04	1.99E-03	3.19E-05	7.19E-04	3.65E-02	3.39E-03	4.36E-02
2169	NG_865	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.657	2.28E-01	4.57E-01	Not Modelled	1.19E-01	2.11E-04	2.04E-01	2.28E-02	4.56E-03	4.56E-10	2.28E-03	5.46E-05	4.02E-05	1.12E-04	3.69E-04	2.18E-03	3.48E-05	7.87E-04	4.00E-02	3.70E-03	4.76E-02
2170	NG_866	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.657	2.51E-01	5.02E-01	Not Modelled	1.30E-01	2.32E-04	2.24E-01	2.51E-02	5.02E-03	5.02E-10	2.51E-03	6.01E-05	4.42E-05	1.23E-04	4.05E-04	2.40E-03	3.83E-05	8.65E-04	4.39E-02	4.07E-03	5.24E-02
2171	NG_867	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.657	2.79E-01	5.59E-01	Not Modelled	1.44E-01	2.58E-04	2.51E-01	2.79E-02	5.58E-03	5.58E-10	2.79E-03	6.68E-05	4.92E-05	1.37E-04	4.51E-04	2.67E-03	4.26E-05	9.63E-04	4.89E-02	4.53E-03	5.83E-02
2172	NG_868	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.657	3.15E-01	6.31E-01	Not Modelled	1.63E-01	2.92E-04	2.84E-01	3.15E-02	6.30E-03	6.30E-10	3.15E-03	7.54E-05	5.56E-05	1.55E-04	5.09E-04	3.01E-03	4.81E-05	1.09E-03	5.52E-02	5.11E-03	6.58E-02
2173	NG_869	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.657	3.61E-01	7.23E-01	Not Modelled	1.87E-01	3.34E-04	3.29E-01	3.61E-02	7.23E-03	7.23E-10	3.62E-03	8.65E-05	6.37E-05	1.77E-04	5.84E-04	3.45E-03	5.52E-05	1.25E-03	6.33E-02	5.86E-03	7.54E-02
2174	NG_870	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.657	4.17E-01	8.34E-01	Not Modelled	2.16E-01	3.86E-04	3.84E-01	4.17E-02	8.34E-03	8.34E-10	4.17E-03	9.97E-05	7.35E-05	2.04E-04	6.73E-04	3.98E-03	6.36E-05	1.44E-03	7.30E-02	6.76E-03	8.70E-02
2175	NG_871	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.657	4.91E-01	9.81E-01	Not Modelled	2.55E-01	4.54E-04	4.57E-01	4.91E-02	9.81E-03	9.81E-10	4.91E-03	1.17E-04	8.65E-05	2.41E-04	7.92E-04	4.68E-03	7.49E-05	1.69E-03	8.59E-02	7.96E-03	1.02E-01
2176	NG_872	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.657	5.93E-01	1.19E+00	Not Modelled	3.09E-01	5.49E-04	5.58E-01	5.93E-02	1.19E-02	1.19E-09	5.93E-03	1.42E-04	1.05E-04	2.91E-04	9.58E-04	5.66E-03	9.06E-05	2.04E-03	1.04E-01	9.62E-03	1.24E-01
2177	NG_873	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.657	7.23E-01	1.45E+00	Not Modelled	3.77E-01	6.69E-04	6.88E-01	7.23E-02	1.45E-02	1.45E-09	7.23E-03	1.73E-04	1.27E-04	3.55E-04	1.17E-03	6.90E-03	1.10E-04	2.49E-03	1.27E-01	1.17E-02	1.51E-01
2178	NG_874	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.657	8.64E-01	1.73E+00	Not Modelled	4.56E-01	7.99E-04	8.38E-01	8.64E-02	1.73E-02	1.73E-09	8.64E-03	2.07E-04	1.52E-04	4.24E-04	1.40E-03	8.25E-03	1.32E-04	2.98E-03	1.51E-01	1.40E-02	1.80E-01
2179	NG_875	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.657	1.04E+00	2.08E+00	Not Modelled	5.63E-01	9.61E-04	1.04E+00	1.04E-01	2.08E-02	2.08E-09	1.04E-02	2.49E-04	1.83E-04	5.10E-04	1.68E-03	9.92E-03	1.59E-04	3.58E-03	1.82E-01	1.69E-02	2.17E-01
2180	NG_876	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.657	1.28E+00	2.55E+00	Not Modelled	7.03E-01	1.18E-03	1.31E+00	1.28E-01	2.55E-02	2.55E-09	1.28E-02	3.05E-04	2.25E-04	6.26E-04	2.06E-03	1.22E-02	1.95E-04	4.40E-03	2.24E-01	2.07E-02	2.67E-01
2181	NG_877	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.657	1.58E+00	3.17E+00	Not Modelled	8.88E-01	1.47E-03	1.66E+00	1.58E-01	3.17E-02	3.17E-09	1.58E-02	3.79E-04	2.79E-04	7.77E-04	2.56E-03	1.51E-02	2.42E-04	5.46E-03	2.77E-01	2.57E-02	3.30E-01
2182	NG_878	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.657	1.99E+00	3.99E+00	Not Modelled	1.16E+00	1.85E-03	2.17E+00	1.99E-01	3.99E-02	3.99E-09	2.00E-02	4.77E-04	3.52E-04	9.78E-04	3.22E-03	1.90E-02	3.05E-04	6.88E-03	3.49E-01	3.24E-02	4.16E-01
2207	NG_903	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.707	1.77E-01	3.53E-01	Not Modelled	9.47E-02	1.63E-04	1.57E-01	1.77E-02	3.53E-03	3.53E-10	1.77E-03	4.22E-05	3.11E-05	8.66E-05	2.85E-04	1.69E-03	2.70E-05	6.09E-04	3.09E-02	2.86E-03	3.69E-02
2208	NG_904	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.707	1.91E-01	3.83E-01	Not Modelled	1.02E-01	1.77E-04	1.71E-01	1.91E-02	3.83E-03	3.83E-10	1.91E-03	4.58E-05	3.37E-05	9.38E-05	3.09E-04	1.83E-03	2.92E-05	6.60E-04	3.35E-02	3.10E-03	3.99E-02
2209	NG_905	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.707	2.07E-01	4.14E-01	Not Modelled	1.10E-01	1.92E-04	1.85E-01	2.07E-02	4.14E-03	4.14E-10	2.07E-03	4.95E-05	3.65E-05	1.02E-04	3.34E-04	1.98E-03	3.16E-05	7.14E-04	3.63E-02	3.36E-03	4.32E-02
2210	NG_906	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.707	2.26E-01	4.52E-01	Not Modelled	1.19E-01	2.09E-04	2.01E-01	2.26E-02	4.51E-03	4.51E-10	2.26E-03	5.40E-05	3.98E-05	1.11E-04	3.64E-04	2.15E-03	3.45E-05	7.78E-04	3.95E-02	3.66E-03	4.71E-02
2211	NG_907	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.707	2.48E-01	4.97E-01	Not Modelled	1.30E-01	2.30E-04	2.22E-01	2.48E-02	4.97E-03	4.97E-10	2.48E-03	5.94E-05	4.38E-05	1.22E-04	4.01E-04	2.37E-03	3.79E-05	8.56E-04	4.35E-02	4.03E-03	5.18E-02
2212	NG_908	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.707	2.75E-01	5.51E-01	Not Modelled	1.43E-01	2.55E-04	2.47E-01	2.75E-02	5.50E-03	5.50E-10	2.75E-03	6.59E-05	4.85E-05	1.35E-04	4.45E-04	2.63E-03	4.20E-05	9.49E-04	4.82E-02	4.47E-03	5.75E-02
2213	NG_909	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.707	3.11E-01	6.22E-01	Not Modelled	1.62E-01	2.87E-04	2.81E-01	3.11E-02	6.21E-03	6.21E-10	3.11E-03	7.43E-05	5.48E-05	1.52E-04	5.02E-04	2.97E-03	4.74E-05	1.07E-03	5.44E-02	5.04E-03	6.48E-02
2214	NG_910	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.707	3.55E-01	7.10E-01	Not Modelled	1.85E-01	3.28E-04	3.24E-01	3.55E-02	7.10E-03	7.10E-10	3.55E-03	8.49E-05	6.26E-05	1.74E-04	5.73E-04	3.39E-03	5.42E-05	1.22E-03	6.21E-02	5.76E-03	7.41E-02
2215	NG_911	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.707	4.08E-01	8.17E-01	Not Modelled	2.14E-01	3.78E-04	3.77E-01	4.09E-02	8.17E-03	8.17E-10	4.09E-03	9.77E-05	7.20E-05	2.00E-04	6.60E-04	3.90E-03	6.24E-05	1.41E-03	7.15E-02	6.63E-03	8.53E-02
2216	NG_912	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.707	4.73E-01	9.46E-01	Not Modelled	2.49E-01	4.38E-04	4.42E-01	4.73E-02	9.46E-03	9.46E-10	4.73E-03	1.13E-04	8.34E-05	2.32E-04	7.64E-04	4.52E-03	7.22E-05	1.63E-03	8.28E-02	7.67E-03	9.87E-02
2217	NG_913	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.707	5.66E-01	1.13E+00	Not Modelled	3.00E-01	5.24E-04	5.37E-01	5.66E-02	1.13E-02	1.13E-09	5.66E-03	1.35E-04	9.98E-05	2.78E-04	9.14E-04	5.40E-03	8.64E-05	1.95E-03	9.91E-02	9.18E-03	1.18E-01
2218	NG_914	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.707	6.86E-01	1.37E+00	Not Modelled	3.68E-01	6.35E-04	6.64E-01	6.86E-02	1.37E-02	1.37E-09	6.87E-03	1.64E-04	1.21E-04	3.37E-04	1.11E-03	6.55E-03	1.05E-04	2.37E-03	1.20E-01	1.11E-02	1.43E-01
2219	NG_915	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.707	8.13E-01	1.63E+00	Not Modelled	4.41E-01	7.52E-04	8.00E-01	8.13E-02	1.63E-02	1.63E-09	8.13E-03	1.94E-04	1.43E-04	3.99E-04	1.31E-03	7.76E-03	1.24E-04	2.80E-03	1.42E-01	1.32E-02	1.70E-01
2220	NG_916	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.707	9.42E-01	1.88E+00	Not Modelled	5.23E-01	8.72E-04	9.51E-01	9.42E-02	1.88E-02	1.88E-09	9.42E-03	2.25E-04	1.66E-04	4.62E-04	1.52E-03	8.99E-03	1.44E-04	3.25E-03	1.65E-01	1.53E-02	1.97E-01
2221	NG_917	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.707	1.10E+00	2.21E+00	Not Modelled	6.25E-01	1.02E-03	1.14E+00	1.10E-01	2.21E-02	2.21E-09	1.10E-02	2.64E-04	1.95E-04	5.41E-04	1.78E-03	1.05E-02	1.69E-04	3.81E-03	1.93E-01	1.79E-02	2.30E-01
2222	NG_918	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.707	1.33E+00	2.66E+00	Not Modelled	7.67E-01	1.23E-03	1.40E+00	1.33E-01	2.66E-02	2.66E-09	1.33E-02	3.19E-04	2.35E-04	6.53E-04	2.15E-03	1.27E-02	2.03E-04	4.59E-03	2.33E-01	2.16E-02	2.78E-01
2223	NG_919	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.707	1.67E+00	3.35E+00	Not Modelled	9.80E-01	1.55E-03	1.80E+00	1.67E-01	3.34E-02	3.34E-09	1.67E-02	4.00E-04	2.95E-04	8.20E-04	2.70E-03	1.60E-02	2.55E-04	5.76E-03	2.93E-01	2.71E-02	3.49E-01
2248	NG_944	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.757	1.74E-01	3.49E-01	Not Modelled	9.37E-02	1.61E-04	1.54E-01	1.74E-02	3.49E-03	3.49E-10	1.74E-03	4.17E-05	3.07E-05	8.55E-05	2.82E-04	1.66E-03	2.66E-05	6.01E-04	3.05E-02	2.83E-03	3.64E-02
2249	NG_945	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.757	1.88E-01	3.77E-01	Not Modelled	1.01E-01	1.74E-04	1.67E-01	1.88E-02	3.77E-03	3.77E-10	1.88E-03	4.51E-05	3.32E-05	9.24E-05	3.04E-04	1.80E-03	2.88E-05	6.49E-04	3.30E-02	3.06E-03	3.93E-02
2250	NG_946	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.757	2.04E-01	4.08E-01	Not Modelled	1.09E-01	1.89E-04	1.81E-01	2.04E-02	4.08E-03	4.08E-10	2.04E-03	4.88E-05	3.59E-05	1.00E-04	3.29E-04	1.95E-03	3.11E-05	7.03E-04	3.57E-02	3.31E-03	4.26E-02

AQIA DATA - SCENARIO 2 GRID MAX

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**4.73E-09**	**2.37E-02**	**5.66E-04**	**4.17E-04**	**1.16E-03**	**3.82E-03**	**2.26E-02**	**3.61E-04**	**8.15E-03**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2251	NG_947	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.757	2.22E-01	4.44E-01	Not Modelled	1.17E-01	2.05E-04	1.97E-01	2.22E-02	4.44E-03	4.44E-10	2.22E-03	5.31E-05	3.91E-05	1.09E-04	3.58E-04	2.12E-03	3.39E-05	7.65E-04	3.89E-02	3.60E-03	4.63E-02
2252	NG_948	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.757	2.44E-01	4.88E-01	Not Modelled	1.28E-01	2.26E-04	2.17E-01	2.44E-02	4.87E-03	4.87E-10	2.44E-03	5.83E-05	4.30E-05	1.20E-04	3.94E-04	2.33E-03	3.72E-05	8.40E-04	4.27E-02	3.95E-03	5.09E-02
2253	NG_949	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.757	2.70E-01	5.41E-01	Not Modelled	1.42E-01	2.50E-04	2.43E-01	2.70E-02	5.40E-03	5.40E-10	2.70E-03	6.47E-05	4.76E-05	1.33E-04	4.36E-04	2.58E-03	4.13E-05	9.32E-04	4.73E-02	4.38E-03	5.64E-02
2254	NG_950	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.757	3.03E-01	6.07E-01	Not Modelled	1.60E-01	2.81E-04	2.75E-01	3.03E-02	6.06E-03	6.06E-10	3.03E-03	7.25E-05	5.34E-05	1.49E-04	4.90E-04	2.89E-03	4.63E-05	1.05E-03	5.31E-02	4.92E-03	6.33E-02
2255	NG_951	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.757	3.44E-01	6.89E-01	Not Modelled	1.82E-01	3.19E-04	3.15E-01	3.44E-02	6.88E-03	6.88E-10	3.44E-03	8.24E-05	6.07E-05	1.69E-04	5.56E-04	3.29E-03	5.26E-05	1.19E-03	6.03E-02	5.59E-03	7.19E-02
2256	NG_952	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.757	3.93E-01	7.87E-01	Not Modelled	2.08E-01	3.64E-04	3.63E-01	3.93E-02	7.87E-03	7.87E-10	3.94E-03	9.41E-05	6.93E-05	1.93E-04	6.35E-04	3.76E-03	6.01E-05	1.36E-03	6.89E-02	6.38E-03	8.21E-02
2257	NG_953	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.757	4.52E-01	9.05E-01	Not Modelled	2.42E-01	4.19E-04	4.24E-01	4.52E-02	9.05E-03	9.05E-10	4.53E-03	1.08E-04	7.98E-05	2.22E-04	7.31E-04	4.32E-03	6.91E-05	1.56E-03	7.92E-02	7.34E-03	9.44E-02
2258	NG_954	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.757	5.30E-01	1.06E+00	Not Modelled	2.87E-01	4.90E-04	5.06E-01	5.30E-02	1.06E-02	1.06E-09	5.30E-03	1.27E-04	9.34E-05	2.60E-04	8.56E-04	5.06E-03	8.09E-05	1.83E-03	9.28E-02	8.60E-03	1.11E-01
2259	NG_955	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.757	6.28E-01	1.26E+00	Not Modelled	3.45E-01	5.81E-04	6.13E-01	6.28E-02	1.26E-02	1.26E-09	6.28E-03	1.50E-04	1.11E-04	3.08E-04	1.01E-03	6.00E-03	9.59E-05	2.16E-03	1.10E-01	1.02E-02	1.31E-01
2260	NG_956	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.757	7.31E-01	1.46E+00	Not Modelled	4.07E-01	6.77E-04	7.25E-01	7.31E-02	1.46E-02	1.46E-09	7.31E-03	1.75E-04	1.29E-04	3.59E-04	1.18E-03	6.98E-03	1.12E-04	2.52E-03	1.28E-01	1.19E-02	1.53E-01
2261	NG_957	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.757	8.27E-01	1.65E+00	Not Modelled	4.67E-01	7.65E-04	8.34E-01	8.27E-02	1.65E-02	1.65E-09	8.27E-03	1.98E-04	1.46E-04	4.05E-04	1.34E-03	7.89E-03	1.26E-04	2.85E-03	1.45E-01	1.34E-02	1.73E-01
2262	NG_958	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.757	9.43E-01	1.89E+00	Not Modelled	5.42E-01	8.73E-04	9.69E-01	9.43E-02	1.89E-02	1.89E-09	9.43E-03	2.26E-04	1.66E-04	4.62E-04	1.52E-03	9.00E-03	1.44E-04	3.25E-03	1.65E-01	1.53E-02	1.97E-01
2263	NG_959	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.757	1.13E+00	2.26E+00	Not Modelled	6.56E-01	1.05E-03	1.18E+00	1.13E-01	2.26E-02	2.26E-09	1.13E-02	2.70E-04	1.99E-04	5.54E-04	1.82E-03	1.08E-02	1.72E-04	3.89E-03	1.98E-01	1.83E-02	2.36E-01
2264	NG_960	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.757	1.41E+00	2.82E+00	Not Modelled	8.17E-01	1.31E-03	1.48E+00	1.41E-01	2.82E-02	2.82E-09	1.41E-02	3.37E-04	2.49E-04	6.92E-04	2.28E-03	1.35E-02	2.15E-04	4.86E-03	2.47E-01	2.29E-02	2.94E-01
2289	NG_985	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.807	1.70E-01	3.39E-01	Not Modelled	9.09E-02	1.57E-04	1.48E-01	1.70E-02	3.39E-03	3.39E-10	1.70E-03	4.06E-05	2.99E-05	8.32E-05	2.74E-04	1.62E-03	2.59E-05	5.85E-04	2.97E-02	2.75E-03	3.54E-02
2290	NG_986	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.807	1.82E-01	3.65E-01	Not Modelled	9.72E-02	1.69E-04	1.60E-01	1.82E-02	3.65E-03	3.65E-10	1.82E-03	4.36E-05	3.21E-05	8.94E-05	2.94E-04	1.74E-03	2.78E-05	6.28E-04	3.19E-02	2.96E-03	3.80E-02
2291	NG_987	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.807	1.98E-01	3.96E-01	Not Modelled	1.05E-01	1.83E-04	1.74E-01	1.98E-02	3.95E-03	3.95E-10	1.98E-03	4.73E-05	3.49E-05	9.70E-05	3.19E-04	1.89E-03	3.02E-05	6.82E-04	3.46E-02	3.21E-03	4.13E-02
2292	NG_988	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.807	2.16E-01	4.33E-01	Not Modelled	1.15E-01	2.00E-04	1.92E-01	2.16E-02	4.33E-03	4.33E-10	2.17E-03	5.18E-05	3.82E-05	1.06E-04	3.50E-04	2.07E-03	3.31E-05	7.46E-04	3.79E-02	3.51E-03	4.52E-02
2293	NG_989	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.807	2.37E-01	4.74E-01	Not Modelled	1.25E-01	2.19E-04	2.10E-01	2.37E-02	4.73E-03	4.73E-10	2.37E-03	5.66E-05	4.17E-05	1.16E-04	3.82E-04	2.26E-03	3.61E-05	8.16E-04	4.14E-02	3.84E-03	4.94E-02
2294	NG_990	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.807	2.61E-01	5.22E-01	Not Modelled	1.38E-01	2.41E-04	2.33E-01	2.61E-02	5.21E-03	5.21E-10	2.61E-03	6.24E-05	4.60E-05	1.28E-04	4.21E-04	2.49E-03	3.98E-05	8.99E-04	4.56E-02	4.23E-03	5.44E-02
2295	NG_991	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.807	2.91E-01	5.83E-01	Not Modelled	1.55E-01	2.70E-04	2.63E-01	2.91E-02	5.82E-03	5.82E-10	2.91E-03	6.97E-05	5.13E-05	1.43E-04	4.70E-04	2.78E-03	4.45E-05	1.00E-03	5.10E-02	4.73E-03	6.08E-02
2296	NG_992	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.807	3.32E-01	6.64E-01	Not Modelled	1.78E-01	3.07E-04	3.05E-01	3.32E-02	6.63E-03	6.63E-10	3.32E-03	7.94E-05	5.85E-05	1.63E-04	5.36E-04	3.17E-03	5.07E-05	1.14E-03	5.81E-02	5.38E-03	6.92E-02
2297	NG_993	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.807	3.76E-01	7.51E-01	Not Modelled	2.03E-01	3.48E-04	3.49E-01	3.76E-02	7.51E-03	7.51E-10	3.76E-03	8.98E-05	6.62E-05	1.84E-04	6.06E-04	3.59E-03	5.73E-05	1.29E-03	6.57E-02	6.09E-03	7.84E-02
2298	NG_994	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.807	4.27E-01	8.55E-01	Not Modelled	2.33E-01	3.95E-04	4.03E-01	4.27E-02	8.54E-03	8.54E-10	4.27E-03	1.02E-04	7.53E-05	2.10E-04	6.90E-04	4.08E-03	6.52E-05	1.47E-03	7.48E-02	6.93E-03	8.92E-02
2299	NG_995	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.807	4.87E-01	9.74E-01	Not Modelled	2.70E-01	4.51E-04	4.68E-01	4.87E-02	9.74E-03	9.74E-10	4.87E-03	1.17E-04	8.59E-05	2.39E-04	7.87E-04	4.65E-03	7.44E-05	1.68E-03	8.53E-02	7.90E-03	1.02E-01
2300	NG_996	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.807	5.65E-01	1.13E+00	Not Modelled	3.18E-01	5.23E-04	5.55E-01	5.65E-02	1.13E-02	1.13E-09	5.65E-03	1.35E-04	9.95E-05	2.77E-04	9.12E-04	5.39E-03	8.62E-05	1.95E-03	9.89E-02	9.16E-03	1.18E-01
2301	NG_997	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.807	6.49E-01	1.30E+00	Not Modelled	3.71E-01	6.01E-04	6.48E-01	6.49E-02	1.30E-02	1.30E-09	6.49E-03	1.55E-04	1.14E-04	3.18E-04	1.05E-03	6.20E-03	9.91E-05	2.24E-03	1.14E-01	1.05E-02	1.35E-01
2302	NG_998	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.807	7.37E-01	1.47E+00	Not Modelled	4.23E-01	6.82E-04	7.41E-01	7.37E-02	1.47E-02	1.47E-09	7.37E-03	1.76E-04	1.30E-04	3.61E-04	1.19E-03	7.04E-03	1.13E-04	2.54E-03	1.29E-01	1.20E-02	1.54E-01
2303	NG_999	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.807	8.42E-01	1.69E+00	Not Modelled	4.85E-01	7.80E-04	8.51E-01	8.42E-02	1.68E-02	1.68E-09	8.43E-03	2.02E-04	1.49E-04	4.13E-04	1.36E-03	8.04E-03	1.29E-04	2.90E-03	1.48E-01	1.37E-02	1.76E-01
2304	NG_1000	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.807	9.96E-01	1.99E+00	Not Modelled	5.73E-01	9.22E-04	1.01E+00	9.96E-02	1.99E-02	1.99E-09	9.96E-03	2.38E-04	1.76E-04	4.88E-04	1.61E-03	9.51E-03	1.52E-04	3.43E-03	1.74E-01	1.62E-02	2.08E-01
2305	NG_1001	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.807	1.20E+00	2.40E+00	Not Modelled	6.86E-01	1.11E-03	1.22E+00	1.20E-01	2.40E-02	2.40E-09	1.20E-02	2.87E-04	2.11E-04	5.88E-04	1.93E-03	1.14E-02	1.83E-04	4.13E-03	2.10E-01	1.94E-02	2.50E-01
2306	NG_1002	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.807	1.37E+00	2.74E+00	Not Modelled	7.73E-01	1.27E-03	1.39E+00	1.37E-01	2.74E-02	2.74E-09	1.37E-02	3.27E-04	2.41E-04	6.71E-04	2.21E-03	1.31E-02	2.09E-04	4.72E-03	2.40E-01	2.22E-02	2.86E-01
2330	NG_1026	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.857	1.65E-01	3.29E-01	Not Modelled	8.80E-02	1.52E-04	1.42E-01	1.65E-02	3.29E-03	3.29E-10	1.65E-03	3.94E-05	2.90E-05	8.07E-05	2.66E-04	1.57E-03	2.51E-05	5.67E-04	2.88E-02	2.67E-03	3.43E-02
2331	NG_1027	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.857	1.76E-01	3.53E-01	Not Modelled	9.37E-02	1.63E-04	1.52E-01	1.76E-02	3.52E-03	3.52E-10	1.76E-03	4.22E-05	3.11E-05	8.64E-05	2.85E-04	1.68E-03	2.69E-05	6.07E-04	3.08E-02	2.86E-03	3.68E-02
2332	NG_1028	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.857	1.92E-01	3.83E-01	Not Modelled	1.02E-01	1.77E-04	1.67E-01	1.92E-02	3.83E-03	3.83E-10	1.92E-03	4.58E-05	3.38E-05	9.39E-05	3.09E-04	1.83E-03	2.92E-05	6.60E-04	3.35E-02	3.11E-03	4.00E-02
2333	NG_1029	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.857	2.09E-01	4.18E-01	Not Modelled	1.11E-01	1.93E-04	1.84E-01	2.09E-02	4.18E-03	4.18E-10	2.09E-03	5.00E-05	3.68E-05	1.03E-04	3.38E-04	2.00E-03	3.19E-05	7.21E-04	3.66E-02	3.39E-03	4.36E-02
2334	NG_1030	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.857	2.28E-01	4.56E-01	Not Modelled	1.21E-01	2.11E-04	2.01E-01	2.28E-02	4.56E-03	4.56E-10	2.28E-03	5.45E-05	4.02E-05	1.12E-04	3.68E-04	2.18E-03	3.48E-05	7.86E-04	3.99E-02	3.70E-03	4.76E-02
2335	NG_1031	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.857	2.48E-01	4.97E-01	Not Modelled	1.32E-01	2.30E-04	2.20E-01	2.48E-02	4.97E-03	4.97E-10	2.49E-03	5.94E-05	4.38E-05	1.22E-04	4.01E-04	2.37E-03	3.79E-05	8.56E-04	4.35E-02	4.03E-03	5.19E-02
2336	NG_1032	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.857	2.77E-01	5.54E-01	Not Modelled	1.49E-01	2.56E-04	2.49E-01	2.77E-02	5.53E-03	5.53E-10	2.77E-03	6.62E-05	4.88E-05	1.36E-04	4.47E-04	2.64E-03	4.22E-05	9.54E-04	4.84E-02	4.49E-03	5.77E-02
2337	NG_1033	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.857	3.14E-01	6.28E-01	Not Modelled	1.72E-01	2.91E-04	2.89E-01	3.14E-02	6.28E-03	6.28E-10	3.14E-03	7.51E-05	5.54E-05	1.54E-04	5.07E-04	3.00E-03	4.80E-05	1.08E-03	5.50E-02	5.10E-03	6.55E-02
2338	NG_1034	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.857	3.55E-01	7.11E-01	Not Modelled	1.97E-01	3.29E-04	3.34E-01	3.55E-02	7.10E-03	7.10E-10	3.55E-03	8.50E-05	6.26E-05	1.74E-04	5.73E-04	3.39E-03	5.42E-05	1.22E-03	6.22E-02	5.76E-03	7.41E-02
2339	NG_1035	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.857	3.97E-01	7.93E-01	Not Modelled	2.22E-01	3.67E-04	3.77E-01	3.97E-02	7.93E-03	7.93E-10	3.97E-03	9.49E-05	6.99E-05	1.94E-04	6.40E-04	3.79E-03	6.05E-05	1.37E-03	6.94E-02	6.43E-03	8.28E-02
2340	NG_1036	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.857	4.44E-01	8.89E-01	Not Modelled	2.52E-01	4.11E-04	4.30E-01	4.44E-02	8.89E-03	8.89E-10	4.45E-03	1.06E-04	7.83E-05	2.18E-04	7.18E-04	4.24E-03	6.79E-05	1.53E-03	7.78E-02	7.21E-03	9.28E-02
2341	NG_1037	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.857	5.07E-01	1.01E+00	Not Modelled	2.92E-01	4.69E-04	5.00E-01	5.07E-02	1.01E-02	1.01E-09	5.07E-03	1.21E-04	8.94E-05	2.49E-04	8.19E-04	4.84E-03	7.74E-05	1.75E-03	8.88E-02	8.23E-03	1.06E-01
2342	NG_1038	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.857	5.84E-01	1.17E+00	Not Modelled	3.39E-01	5.41E-04	5.83E-01	5.84E-02	1.17E-02	1.17E-09	5.84E-03	1.40E-04	1.03E-04	2.87E-04	9.43E-04	5.58E-03	8.92E-05	2.01E-03	1.02E-01	9.48E-03	1.22E-01
2343	NG_1039	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.857	6.77E-01	1.35E+00	Not Modelled	3.92E-01	6.27E-04	6.76E-01	6.77E-02	1.35E-02	1.35E-09	6.77E-03	1.62E-04	1.19E-04	3.32E-04	1.09E-03	6.47E-03	1.03E-04	2.33E-03	1.19E-01	1.10E-02	1.41E-01
2344	NG_1040	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.857	7.86E-01	1.57E+00	Not Modelled	4.51E-01	7.28E-04	7.81E-01	7.86E-02	1.57E-02	1.57E-09	7.87E-03	1.88E-04	1.39E-04	3.86E-04	1.27E-03	7.51E-03	1.20E-04	2.71E-03	1.38E-01	1.28E-02	1.64E-01
2345	NG_1041	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.857	9.12E-01	1.82E+00	Not Modelled	5.18E-01	8.44E-04	9.03E-01	9.12E-02	1.82E-02	1.82E-09	9.12E-03	2.18E-04	1.61E-04	4.47E-04	1.47E-03	8.71E-03	1.39E-04	3.14E-03	1.60E-01	1.48E-02	1.90E-01
2346	NG_1042	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.857	1.04E+00	2.08E+00	Not Modelled	5.87E-01	9.61E-04	1.03E+00	1.04E-01	2.08E-02	2.08E-09	1.04E-02	2.48E-04	1.83E-04	5.09E-04	1.68E-03	9.91E-03	1.59E-04	3.58E-03	1.82E-01	1.68E-02	2.17E-01
2347	NG_1043	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.857	1.13E+00	2.26E+00	Not Modelled	6.31E-01	1.04E-03	1.12E+00	1.13E-01	2.26E-02	2.26E-09	1.13E-02	2.70E-04	1.99E-04	5.53E-04	1.82E-03	1.08E-02	1.72E-04	3.89E-03	1.98E-01	1.83E-02	2.35E-01
2371	NG_1067	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.907	1.61E-01	3.22E-01	Not Modelled	8.63E-02	1.49E-04	1.38E-01	1.61E-02	3.21E-03	3.21E-10	1.61E-03	3.84E-05	2.83E-05	7.88E-05	2.60E-04	1.53E-03	2.45E-05	5.54E-04	2.81E-02	2.61E-03	3.35E-02
2372	NG_1068	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.907	1.71E-01	3.43E-01	Not Modelled	9.18E-02	1.59E-04	1.47E-01	1.72E-02	3.43E-03	3.43E-10	1.72E-03	4.10E-05	3.02E-05	8.41E-05	2.77E-04	1.64E-03	2.62E-05	5.91E-04	3.00E-02	2.78E-03	3.58E-02
2373	NG_1069	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.907	1.86E-01	3.71E-01	Not Modelled	9.96E-02	1.72E-04	1.61E-01	1.86E-02	3.71E-03	3.71E-10	1.86E-03	4.44E-05	3.27E-05	9.10E-05	3.00E-04	1.77E-03	2.83E-05	6.40E-04	3.25E-02	3.01E-03	3.87E-02
2374	NG_1070	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.907	2.02E-01	4.04E-01	Not Modelled	1.09E-01	1.87E-04	1.77E-01	2.02E-02	4.03E-03	4.03E-10	2.02E-03	4.82E-05	3.55E-05	9.89E-05	3.26E-04	1.93E-03	3.08E-05	6.95E-04	3.53E-02	3.27E-03	4.21E-02
2375	NG_1071	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.907	2.19E-01	4.37E-01	Not Modelled	1.18E-01	2.02E-04	1.93E-01	2.19E-02	4.37E-03	4.37E-10	2.19E-03	5.23E-05	3.85E-05	1.07E-04	3.53E-04	2.09E-03	3.34E-05	7.54E-04	3.83E-02	3.55E-03	4.56E-02
2376	NG_1072	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.907	2.36E-01	4.73E-01	Not Modelled	1.28E-01	2.19E-04	2.10E-01	2.36E-02	4.73E-03	4.73E-10	2.37E-03	5.66E-05	4.17E-05	1.16E-04	3.82E-04	2.26E-03	3.61E-05	8.15E-04	4.14E-02	3.84E-03	4.93E-02
2377	NG_1073	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.907	2.61E-01	5.22E-01	Not Modelled	1.43E-01	2.41E-04	2.35E-01	2.61E-02	5.22E-03	5.22E-10	2.61E-03	6.24E-05	4.60E-05	1.28E-04	4.21E-04	2.49E-03	3.98E-05	8.99E-04	4.57E-02	4.23E-03	5.44E-02
2378	NG_1074	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.907	2.93E-01	5.87E-01	Not Modelled	1.64E-01	2.71E-04	2.71E-01	2.93E-02	5.87E-03	5.87E-10	2.94E-03	7.02E-05	5.17E-05	1.44E-04	4.74E-04	2.80E-03	4.48E-05	1.01E-03	5.14E-02	4.76E-03	6.12E-02
2379	NG_1075	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.907	3.30E-01	6.60E-01	Not Modelled	1.87E-01	3.05E-04	3.12E-01	3.30E-02	6.60E-03	6.60E-10	3.30E-03	7.89E-05	5.81E-05	1.62E-04	5.33E-04	3.15E-03	5.04E-05	1.14E-03	5.78E-02	5.35E-03	6.88E-02
2380	NG_1076	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.907	3.63E-01	7.26E-01	Not Modelled	2.08E-01	3.36E-04	3.48E-01	3.63E-02	7.26E-03	7.26E-10	3.63E-03	8.68E-05	6.40E-05	1.78E-04	5.86E-04	3.47E-03	5.54E-05	1.25E-03	6.36E-02	5.89E-03	7.58E-02
2381	NG_1077	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.907	4.04E-01	8.08E-01	Not Modelled	2.33E-01	3.74E-04	3.91E-01	4.04E-02	8.08E-03	8.08E-10	4.04E-03	9.67E-05	7.12E-05	1.98E-04	6.53E-04	3.86E-03	6.17E-05	1.39E-03	7.07E-02	6.56E-03	8.43E-02
2382	NG_1078	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.907	4.61E-01	9.23E-01	Not Modelled	2.69E-01	4.27E-04	4.52E-01	4.62E-02	9.23E-03	9.23E-10	4.62E-03	1.10E-04	8.14E-05	2.26E-04	7.45E-04	4.41E-03	7.05E-05	1.59E-03	8.08E-02	7.49E-03	9.63E-02
2383	NG_1079	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.907	5.37E-01	1.07E+00	Not Modelled	3.13E-01	4.97E-04	5.29E-01	5.37E-02	1.07E-02	1.07E-09	5.37E-03	1.28E-04	9.47E-05	2.63E-04	8.67E-04	5.13E-03	8.20E-05	1.85E-03	9.40E-02	8.71E-03	1.12E-01
2384	NG_1080	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.907	6.30E-01	1.26E+00	Not Modelled	3.64E-01	5.83E-04	6.17E-01	6.30E-02	1.26E-02	1.26E-09	6.30E-03	1.51E-04	1.11E-04	3.09E-04	1.02E-03	6.01E-03	9.61E-05	2.17E-03	1.10E-01	1.02E-02	1.31E-01
2385	NG_1081	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.907	7.36E-01	1.47E+00	Not Modelled	4.20E-01	6.81E-04	7.18E-01	7.36E-02	1.47E-02	1.47E-09	7.37E-03	1.76E-04	1.30E-04	3.61E-04	1.19E-03	7.03E-03	1.12E-04	2.54E-03	1.29E-01	1.19E-02	1.54E-01
2386	NG_1082	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.907	8.38E-01	1.68E+00	Not Modelled	4.74E-01	7.76E-04	8.17E-01	8.39E-02	1.68E-02	1.68E-09	8.39E-03	2.01E-04	1.48E-04	4.11E-04	1.35E-03	8.01E-03	1.28E-04	2.89E-03	1.47E-01	1.36E-02	1.75E-01
2387	NG_1083	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.907	9.19E-01	1.84E+00	Not Modelled	5.17E-01	8.51E-04	8.99E-01	9.19E-02	1.84E-02	1.84E-09	9.20E-03	2.20E-04	1.62E-04	4.51E-04	1.48E-03	8.78E-03	1.40E-04	3.17E-03	1.61E-01	1.49E-02	1.92E-01
2412	NG_1108	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.957	1.58E-01	3.15E-01	Not Modelled	8.56E-02	1.46E-04	1.35E-01	1.58E-02	3.15E-03	3.15E-10	1.58E-03	3.77E-05	2.78E-05	7.73E-05	2.55E-04	1.50E-03	2.41E-05	5.43E-04	2.76E-02	2.56E-03	3.29E-02
2413	NG_1109	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.957	1.68E-01	3.37E-01	Not Modelled	9.13E-02	1.56E-04	1.45E-01	1.68E-02	3.36E-03	3.36E-10	1.68E-03	4.02E-05	2.96E-05	8.25E-05	2.72E-04	1.61E-03	2.57E-05	5.80E-04	2.94E-02	2.73E-03	3.51E-02
2414	NG_1110	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.957	1.81E-01	3.62E-01	Not Modelled	9.84E-02	1.67E-04	1.57E-01	1.81E-02	3.61E-03	3.61E-10	1.81E-03	4.32E-05	3.19E-05	8.86E-05	2.92E-04	1.73E-03	2.76E-05	6.23E-04	3.16E-02	2.93E-03	3.77E-02
2415	NG_1111	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.957	1.94E-01	3.89E-01	Not Modelled	1.06E-01	1.80E-04	1.71E-01	1.94E-02	3.89E-03	3.89E-10	1.94E-03	4.65E-05	3.43E-05	9.53E-05	3.14E-04	1.86E-03	2.97E-05	6.70E-04	3.40E-02	3.15E-03	4.06E-02
2416	NG_1112	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.957	2.09E-01	4.19E-01	Not Modelled	1.15E-01	1.94E-04	1.86E-01	2.09E-02	4.19E-03	4.19E-10	2.09E-03	5.01E-05	3.69E-05	1.03E-04	3.38E-04	2.00E-03	3.20E-05	7.22E-04	3.67E-02	3.40E-03	4.37E-02
2417	NG_1113	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.957	2.26E-01	4.52E-01	Not Modelled	1.25E-01	2.09E-04	2.02E-01	2.26E-02	4.52E-03	4.52E-10	2.26E-03	5.40E-05	3.98E-05	1.11E-04	3.65E-04	2.16E-03	3.45E-05	7.78E-04	3.95E-02	3.66E-03	4.71E-02
2418	NG_1114	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.957	2.46E-01	4.93E-01	Not Modelled	1.38E-01	2.28E-04	2.24E-01	2.46E-02	4.92E-03	4.92E-10	2.46E-03	5.89E-05	4.34E-05	1.21E-04	3.98E-04	2.35E-03	3.76E-05	8.49E-04	4.31E-02	4.00E-03	5.14E-02
2419	NG_1115	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.957	2.72E-01	5.43E-01	Not Modelled	1.54E-01	2.51E-04	2.52E-01	2.72E-02	5.43E-03	5.43E-10	2.72E-03	6.50E-05	4.79E-05	1.33E-04	4.38E-04	2.59E-03	4.15E-05	9.36E-04	4.75E-02	4.41E-03	5.67E-02
2420	NG_1116	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.957	3.01E-01	6.02E-01	Not Modelled	1.74E-01	2.79E-04	2.85E-01	3.01E-02	6.02E-03	6.02E-10	3.01E-03	7.20E-05	5.31E-05	1.48E-04	4.86E-04	2.87E-03	4.60E-05	1.04E-03	5.27E-02	4.89E-03	6.28E-02
2421	NG_1117	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.957	3.33E-01	6.67E-01	Not Modelled	1.95E-01	3.08E-04	3.19E-01	3.33E-02	6.67E-03	6.67E-10	3.33E-03	7.97E-05	5.88E-05	1.63E-04	5.38E-04	3.18E-03	5.09E-05	1.15E-03	5.84E-02	5.41E-03	6.96E-02
2422	NG_1118	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.957	3.73E-01	7.47E-01	Not Modelled	2.19E-01	3.46E-04	3.60E-01	3.74E-02	7.47E-03	7.47E-10	3.74E-03	8.94E-05	6.58E-05	1.83E-04	6.03E-04	3.57E-03	5.70E-05	1.29E-03	6.54E-02	6.06E-03	7.80E-02
2423	NG_1119	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.957	4.28E-01	8.57E-01	Not Modelled	2.51E-01	3.97E-04	4.15E-01	4.29E-02	8.57E-03	8.57E-10	4.29E-03	1.03E-04	7.55E-05	2.10E-04	6.92E-04	4.09E-03	6.54E-05	1.48E-03	7.50E-02	6.95E-03	8.94E-02
2424	NG_1120	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.957	4.98E-01	9.97E-01	Not Modelled	2.90E-01	4.61E-04	4.82E-01	4.98E-02	9.96E-03	9.96E-10	4.99E-03	1.19E-04	8.78E-05	2.44E-04	8.05E-04	4.76E-03	7.61E-05	1.72E-03	8.72E-02	8.08E-03	1.04E-01
2425	NG_1121	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.957	5.85E-01	1.17E+00	Not Modelled	3.36E-01	5.41E-04	5.62E-01	5.85E-02	1.17E-02	1.17E-09	5.85E-03	1.40E-04	1.03E-04	2.87E-04	9.44E-04	5.58E-03	8.93E-05	2.02E-03	1.02E-01	9.49E-03	1.22E-01
2426	NG_1122	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.957	6.79E-01	1.36E+00	Not Modelled	3.86E-01	6.28E-04	6.51E-01	6.79E-02	1.36E-02	1.36E-09	6.79E-03	1.62E-04	1.20E-04	3.33E-04	1.10E-03	6.48E-03	1.04E-04	2.34E-03	1.19E-01	1.10E-02	1.42E-01
2427	NG_1123	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.957	7.61E-01	1.52E+00	Not Modelled	4.29E-01	7.04E-04	7.32E-01	7.61E-02	1.52E-02	1.52E-09	7.62E-03	1.82E-04	1.34E-04	3.73E-04	1.23E-03	7.27E-03	1.16E-04	2.62E-03	1.33E-01	1.24E-02	1.59E-01
2428	NG_1124	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.957	8.16E-01	1.63E+00	Not Modelled	4.58E-01	7.55E-04	7.88E-01	8.16E-02	1.63E-02	1.63E-09	8.16E-03	1.95E-04	1.44E-04	4.00E-04	1.32E-03	7.79E-03	1.25E-04	2.81E-03	1.43E-01	1.32E-02	1.70E-01
2453	NG_1149	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.007	1.55E-01	3.10E-01	Not Modelled	8.56E-02	1.43E-04	1.33E-01	1.55E-02	3.10E-03	3.10E-10	1.55E-03	3.71E-05	2.73E-05	7.60E-05	2.50E-04	1.48E-03	2.36E-05	5.34E-04	2.71E-02	2.51E-03	3.23E-02

AQIA DATA - SCENARIO 2 GRID MAX

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**4.73E-09**	**2.37E-02**	**5.66E-04**	**4.17E-04**	**1.16E-03**	**3.82E-03**	**2.26E-02**	**3.61E-04**	**8.15E-03**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2454	NG_1150	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.007	1.65E-01	3.29E-01	Not Modelled	9.10E-02	1.52E-04	1.43E-01	1.65E-02	3.29E-03	3.29E-10	1.65E-03	3.94E-05	2.90E-05	8.07E-05	2.66E-04	1.57E-03	2.51E-05	5.67E-04	2.88E-02	2.67E-03	3.43E-02
2455	NG_1151	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.007	1.75E-01	3.50E-01	Not Modelled	9.68E-02	1.62E-04	1.52E-01	1.75E-02	3.49E-03	3.49E-10	1.75E-03	4.18E-05	3.08E-05	8.57E-05	2.82E-04	1.67E-03	2.67E-05	6.02E-04	3.06E-02	2.83E-03	3.65E-02
2456	NG_1152	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.007	1.87E-01	3.73E-01	Not Modelled	1.04E-01	1.73E-04	1.65E-01	1.87E-02	3.73E-03	3.73E-10	1.87E-03	4.47E-05	3.29E-05	9.15E-05	3.01E-04	1.78E-03	2.85E-05	6.43E-04	3.27E-02	3.03E-03	3.90E-02
2457	NG_1153	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.007	1.99E-01	3.98E-01	Not Modelled	1.12E-01	1.84E-04	1.77E-01	1.99E-02	3.98E-03	3.98E-10	1.99E-03	4.76E-05	3.51E-05	9.75E-05	3.21E-04	1.90E-03	3.04E-05	6.86E-04	3.48E-02	3.23E-03	4.15E-02
2458	NG_1154	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.007	2.14E-01	4.28E-01	Not Modelled	1.21E-01	1.98E-04	1.93E-01	2.14E-02	4.28E-03	4.28E-10	2.14E-03	5.12E-05	3.77E-05	1.05E-04	3.46E-04	2.04E-03	3.27E-05	7.38E-04	3.75E-02	3.47E-03	4.47E-02
2459	NG_1155	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.007	2.31E-01	4.62E-01	Not Modelled	1.32E-01	2.14E-04	2.11E-01	2.31E-02	4.62E-03	4.62E-10	2.31E-03	5.52E-05	4.07E-05	1.13E-04	3.73E-04	2.20E-03	3.52E-05	7.96E-04	4.04E-02	3.74E-03	4.82E-02
2460	NG_1156	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.007	2.53E-01	5.05E-01	Not Modelled	1.46E-01	2.34E-04	2.34E-01	2.53E-02	5.05E-03	5.05E-10	2.53E-03	6.04E-05	4.45E-05	1.24E-04	4.08E-04	2.41E-03	3.86E-05	8.71E-04	4.42E-02	4.10E-03	5.27E-02
2461	NG_1157	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.007	2.77E-01	5.54E-01	Not Modelled	1.62E-01	2.56E-04	2.60E-01	2.77E-02	5.54E-03	5.54E-10	2.77E-03	6.63E-05	4.88E-05	1.36E-04	4.47E-04	2.65E-03	4.23E-05	9.55E-04	4.85E-02	4.49E-03	5.78E-02
2462	NG_1158	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.007	3.10E-01	6.19E-01	Not Modelled	1.82E-01	2.86E-04	2.94E-01	3.10E-02	6.19E-03	6.19E-10	3.10E-03	7.41E-05	5.46E-05	1.52E-04	5.00E-04	2.96E-03	4.73E-05	1.07E-03	5.42E-02	5.02E-03	6.46E-02
2463	NG_1159	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.007	3.49E-01	6.98E-01	Not Modelled	2.05E-01	3.23E-04	3.32E-01	3.49E-02	6.98E-03	6.98E-10	3.49E-03	8.35E-05	6.15E-05	1.71E-04	5.64E-04	3.33E-03	5.33E-05	1.20E-03	6.11E-02	5.66E-03	7.28E-02
2464	NG_1160	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.007	4.05E-01	8.10E-01	Not Modelled	2.37E-01	3.75E-04	3.86E-01	4.05E-02	8.10E-03	8.10E-10	4.05E-03	9.69E-05	7.14E-05	1.99E-04	6.54E-04	3.87E-03	6.18E-05	1.40E-03	7.09E-02	6.57E-03	8.45E-02
2465	NG_1161	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.007	4.72E-01	9.44E-01	Not Modelled	2.73E-01	4.37E-04	4.48E-01	4.72E-02	9.44E-03	9.44E-10	4.72E-03	1.13E-04	8.32E-05	2.32E-04	7.62E-04	4.51E-03	7.21E-05	1.63E-03	8.26E-02	7.66E-03	9.85E-02
2466	NG_1162	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.007	5.47E-01	1.10E+00	Not Modelled	3.13E-01	5.07E-04	5.17E-01	5.47E-02	1.09E-02	1.09E-09	5.48E-03	1.31E-04	9.65E-05	2.69E-04	8.84E-04	5.23E-03	8.36E-05	1.89E-03	9.59E-02	8.88E-03	1.14E-01
2467	NG_1163	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.007	6.22E-01	1.24E+00	Not Modelled	3.52E-01	5.76E-04	5.88E-01	6.22E-02	1.24E-02	1.24E-09	6.22E-03	1.49E-04	1.10E-04	3.05E-04	1.00E-03	5.94E-03	9.50E-05	2.14E-03	1.09E-01	1.01E-02	1.30E-01
2468	NG_1164	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.007	6.82E-01	1.36E+00	Not Modelled	3.85E-01	6.31E-04	6.48E-01	6.82E-02	1.36E-02	1.36E-09	6.82E-03	1.63E-04	1.20E-04	3.34E-04	1.10E-03	6.51E-03	1.04E-04	2.35E-03	1.19E-01	1.11E-02	1.42E-01
2469	NG_1165	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.007	7.16E-01	1.43E+00	Not Modelled	4.03E-01	6.62E-04	6.84E-01	7.16E-02	1.43E-02	1.43E-09	7.16E-03	1.71E-04	1.26E-04	3.51E-04	1.16E-03	6.84E-03	1.09E-04	2.47E-03	1.25E-01	1.16E-02	1.49E-01
2494	NG_1190	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.057	1.51E-01	3.02E-01	Not Modelled	8.51E-02	1.40E-04	1.31E-01	1.51E-02	3.02E-03	3.02E-10	1.51E-03	3.61E-05	2.66E-05	7.41E-05	2.44E-04	1.44E-03	2.31E-05	5.21E-04	2.64E-02	2.45E-03	3.15E-02
2495	NG_1191	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.057	1.60E-01	3.20E-01	Not Modelled	9.03E-02	1.48E-04	1.39E-01	1.60E-02	3.20E-03	3.20E-10	1.60E-03	3.82E-05	2.82E-05	7.84E-05	2.58E-04	1.53E-03	2.44E-05	5.51E-04	2.80E-02	2.59E-03	3.33E-02
2496	NG_1192	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.057	1.68E-01	3.36E-01	Not Modelled	9.52E-02	1.56E-04	1.48E-01	1.68E-02	3.36E-03	3.36E-10	1.68E-03	4.02E-05	2.96E-05	8.24E-05	2.71E-04	1.60E-03	2.57E-05	5.79E-04	2.94E-02	2.73E-03	3.51E-02
2497	NG_1193	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.057	1.77E-01	3.54E-01	Not Modelled	1.01E-01	1.64E-04	1.56E-01	1.77E-02	3.54E-03	3.54E-10	1.77E-03	4.23E-05	3.12E-05	8.68E-05	2.86E-04	1.69E-03	2.70E-05	6.10E-04	3.10E-02	2.87E-03	3.69E-02
2498	NG_1194	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.057	1.87E-01	3.75E-01	Not Modelled	1.07E-01	1.73E-04	1.68E-01	1.87E-02	3.75E-03	3.75E-10	1.88E-03	4.48E-05	3.30E-05	9.19E-05	3.03E-04	1.79E-03	2.86E-05	6.46E-04	3.28E-02	3.04E-03	3.91E-02
2499	NG_1195	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.057	2.00E-01	3.99E-01	Not Modelled	1.15E-01	1.85E-04	1.80E-01	2.00E-02	3.99E-03	3.99E-10	2.00E-03	4.77E-05	3.52E-05	9.79E-05	3.22E-04	1.91E-03	3.05E-05	6.88E-04	3.49E-02	3.24E-03	4.17E-02
2500	NG_1196	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.057	2.15E-01	4.30E-01	Not Modelled	1.25E-01	1.99E-04	1.96E-01	2.15E-02	4.29E-03	4.29E-10	2.15E-03	5.14E-05	3.79E-05	1.05E-04	3.47E-04	2.05E-03	3.28E-05	7.40E-04	3.76E-02	3.48E-03	4.48E-02
2501	NG_1197	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.057	2.36E-01	4.72E-01	Not Modelled	1.39E-01	2.18E-04	2.18E-01	2.36E-02	4.72E-03	4.72E-10	2.36E-03	5.64E-05	4.16E-05	1.16E-04	3.81E-04	2.25E-03	3.60E-05	8.13E-04	4.13E-02	3.83E-03	4.92E-02
2502	NG_1198	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.057	2.61E-01	5.22E-01	Not Modelled	1.54E-01	2.41E-04	2.43E-01	2.61E-02	5.21E-03	5.21E-10	2.61E-03	6.24E-05	4.60E-05	1.28E-04	4.21E-04	2.49E-03	3.98E-05	8.99E-04	4.57E-02	4.23E-03	5.44E-02
2503	NG_1199	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.057	2.90E-01	5.80E-01	Not Modelled	1.71E-01	2.68E-04	2.71E-01	2.90E-02	5.80E-03	5.80E-10	2.90E-03	6.94E-05	5.11E-05	1.42E-04	4.68E-04	2.77E-03	4.43E-05	1.00E-03	5.08E-02	4.71E-03	6.05E-02
2504	NG_1200	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.057	3.31E-01	6.62E-01	Not Modelled	1.94E-01	3.06E-04	3.09E-01	3.31E-02	6.61E-03	6.61E-10	3.31E-03	7.91E-05	5.83E-05	1.62E-04	5.34E-04	3.16E-03	5.05E-05	1.14E-03	5.79E-02	5.36E-03	6.90E-02
2505	NG_1201	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.057	3.87E-01	7.74E-01	Not Modelled	2.25E-01	3.58E-04	3.62E-01	3.87E-02	7.74E-03	7.74E-10	3.87E-03	9.26E-05	6.82E-05	1.90E-04	6.25E-04	3.69E-03	5.91E-05	1.33E-03	6.77E-02	6.28E-03	8.07E-02
2506	NG_1202	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.057	4.52E-01	9.03E-01	Not Modelled	2.60E-01	4.18E-04	4.22E-01	4.52E-02	9.03E-03	9.03E-10	4.52E-03	1.08E-04	7.96E-05	2.21E-04	7.29E-04	4.31E-03	6.89E-05	1.56E-03	7.91E-02	7.33E-03	9.42E-02
2507	NG_1203	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.057	5.18E-01	1.04E+00	Not Modelled	2.95E-01	4.79E-04	4.83E-01	5.18E-02	1.04E-02	1.04E-09	5.18E-03	1.24E-04	9.13E-05	2.54E-04	8.36E-04	4.94E-03	7.90E-05	1.78E-03	9.06E-02	8.40E-03	1.08E-01
2508	NG_1204	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.057	5.77E-01	1.15E+00	Not Modelled	3.27E-01	5.34E-04	5.40E-01	5.77E-02	1.15E-02	1.15E-09	5.77E-03	1.38E-04	1.02E-04	2.83E-04	9.31E-04	5.51E-03	8.81E-05	1.99E-03	1.01E-01	9.36E-03	1.20E-01
2509	NG_1205	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.057	6.16E-01	1.23E+00	Not Modelled	3.48E-01	5.70E-04	5.80E-01	6.16E-02	1.23E-02	1.23E-09	6.16E-03	1.47E-04	1.09E-04	3.02E-04	9.95E-04	5.88E-03	9.41E-05	2.12E-03	1.08E-01	1.00E-02	1.29E-01
2510	NG_1206	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.057	6.30E-01	1.26E+00	Not Modelled	3.55E-01	5.83E-04	5.96E-01	6.30E-02	1.26E-02	1.26E-09	6.30E-03	1.51E-04	1.11E-04	3.09E-04	1.02E-03	6.01E-03	9.61E-05	2.17E-03	1.10E-01	1.02E-02	1.31E-01
2521	NG_1217	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.057	2.93E-01	5.87E-01	Not Modelled	1.44E-01	2.71E-04	2.40E-01	2.93E-02	5.86E-03	5.86E-10	2.93E-03	7.01E-05	5.17E-05	1.44E-04	4.73E-04	2.80E-03	4.48E-05	1.01E-03	5.13E-02	4.76E-03	6.12E-02
2522	NG_1218	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.057	2.75E-01	5.50E-01	Not Modelled	1.35E-01	2.54E-04	2.23E-01	2.75E-02	5.49E-03	5.49E-10	2.75E-03	6.57E-05	4.84E-05	1.35E-04	4.44E-04	2.62E-03	4.19E-05	9.47E-04	4.81E-02	4.46E-03	5.73E-02
2523	NG_1219	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.057	2.54E-01	5.09E-01	Not Modelled	1.26E-01	2.35E-04	2.05E-01	2.54E-02	5.08E-03	5.08E-10	2.54E-03	6.08E-05	4.48E-05	1.25E-04	4.11E-04	2.43E-03	3.88E-05	8.77E-04	4.45E-02	4.12E-03	5.31E-02
2524	NG_1220	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.057	2.35E-01	4.70E-01	Not Modelled	1.16E-01	2.17E-04	1.87E-01	2.35E-02	4.70E-03	4.70E-10	2.35E-03	5.62E-05	4.14E-05	1.15E-04	3.79E-04	2.24E-03	3.59E-05	8.10E-04	4.11E-02	3.81E-03	4.90E-02
2533	NG_1229	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.057	1.39E-01	2.78E-01	Not Modelled	6.78E-02	1.29E-04	9.94E-02	1.39E-02	2.78E-03	2.78E-10	1.39E-03	3.33E-05	2.45E-05	6.82E-05	2.25E-04	1.33E-03	2.12E-05	4.80E-04	2.44E-02	2.26E-03	2.90E-02
2534	NG_1230	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.057	1.36E-01	2.72E-01	Not Modelled	6.65E-02	1.26E-04	9.67E-02	1.36E-02	2.72E-03	2.72E-10	1.36E-03	3.25E-05	2.40E-05	6.66E-05	2.19E-04	1.30E-03	2.07E-05	4.68E-04	2.38E-02	2.20E-03	2.84E-02
2535	NG_1231	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.107	1.45E-01	2.91E-01	Not Modelled	8.35E-02	1.35E-04	1.26E-01	1.45E-02	2.91E-03	2.91E-10	1.46E-03	3.48E-05	2.56E-05	7.13E-05	2.35E-04	1.39E-03	2.22E-05	5.01E-04	2.55E-02	2.36E-03	3.04E-02
2536	NG_1232	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.107	1.53E-01	3.06E-01	Not Modelled	8.81E-02	1.41E-04	1.34E-01	1.53E-02	3.06E-03	3.06E-10	1.53E-03	3.66E-05	2.69E-05	7.50E-05	2.47E-04	1.46E-03	2.33E-05	5.27E-04	2.68E-02	2.48E-03	3.19E-02
2537	NG_1233	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.107	1.60E-01	3.20E-01	Not Modelled	9.24E-02	1.48E-04	1.41E-01	1.60E-02	3.20E-03	3.20E-10	1.60E-03	3.82E-05	2.82E-05	7.84E-05	2.58E-04	1.53E-03	2.44E-05	5.51E-04	2.80E-02	2.59E-03	3.34E-02
2538	NG_1234	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.107	1.68E-01	3.35E-01	Not Modelled	9.72E-02	1.55E-04	1.49E-01	1.68E-02	3.35E-03	3.35E-10	1.68E-03	4.01E-05	2.95E-05	8.22E-05	2.71E-04	1.60E-03	2.56E-05	5.78E-04	2.93E-02	2.72E-03	3.50E-02
2539	NG_1235	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.107	1.76E-01	3.53E-01	Not Modelled	1.03E-01	1.63E-04	1.57E-01	1.76E-02	3.52E-03	3.52E-10	1.76E-03	4.22E-05	3.11E-05	8.64E-05	2.85E-04	1.68E-03	2.69E-05	6.08E-04	3.09E-02	2.86E-03	3.68E-02
2540	NG_1236	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.107	1.86E-01	3.73E-01	Not Modelled	1.09E-01	1.72E-04	1.67E-01	1.86E-02	3.72E-03	3.72E-10	1.86E-03	4.46E-05	3.28E-05	9.13E-05	3.01E-04	1.78E-03	2.84E-05	6.42E-04	3.26E-02	3.02E-03	3.89E-02
2541	NG_1237	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.107	2.01E-01	4.02E-01	Not Modelled	1.18E-01	1.86E-04	1.82E-01	2.01E-02	4.02E-03	4.02E-10	2.01E-03	4.81E-05	3.54E-05	9.86E-05	3.25E-04	1.92E-03	3.07E-05	6.93E-04	3.52E-02	3.26E-03	4.20E-02
2542	NG_1238	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.107	2.24E-01	4.47E-01	Not Modelled	1.33E-01	2.07E-04	2.05E-01	2.24E-02	4.47E-03	4.47E-10	2.24E-03	5.35E-05	3.94E-05	1.10E-04	3.61E-04	2.13E-03	3.41E-05	7.71E-04	3.91E-02	3.63E-03	4.67E-02
2543	NG_1239	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.107	2.50E-01	5.00E-01	Not Modelled	1.48E-01	2.31E-04	2.30E-01	2.50E-02	4.99E-03	4.99E-10	2.50E-03	5.97E-05	4.40E-05	1.22E-04	4.03E-04	2.38E-03	3.81E-05	8.61E-04	4.37E-02	4.05E-03	5.21E-02
2544	NG_1240	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.107	2.77E-01	5.55E-01	Not Modelled	1.63E-01	2.57E-04	2.54E-01	2.77E-02	5.55E-03	5.55E-10	2.77E-03	6.63E-05	4.89E-05	1.36E-04	4.48E-04	2.65E-03	4.23E-05	9.56E-04	4.85E-02	4.50E-03	5.79E-02
2545	NG_1241	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.107	3.16E-01	6.32E-01	Not Modelled	1.84E-01	2.92E-04	2.89E-01	3.16E-02	6.31E-03	6.31E-10	3.16E-03	7.55E-05	5.56E-05	1.55E-04	5.10E-04	3.01E-03	4.82E-05	1.09E-03	5.53E-02	5.12E-03	6.59E-02
2546	NG_1242	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.107	3.69E-01	7.39E-01	Not Modelled	2.13E-01	3.42E-04	3.39E-01	3.69E-02	7.38E-03	7.38E-10	3.69E-03	8.83E-05	6.51E-05	1.81E-04	5.96E-04	3.53E-03	5.64E-05	1.27E-03	6.46E-02	5.99E-03	7.71E-02
2547	NG_1243	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.107	4.29E-01	8.58E-01	Not Modelled	2.46E-01	3.97E-04	3.94E-01	4.29E-02	8.58E-03	8.58E-10	4.29E-03	1.03E-04	7.56E-05	2.10E-04	6.93E-04	4.10E-03	6.55E-05	1.48E-03	7.51E-02	6.96E-03	8.95E-02
2548	NG_1244	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.107	4.85E-01	9.70E-01	Not Modelled	2.76E-01	4.49E-04	4.47E-01	4.85E-02	9.70E-03	9.70E-10	4.85E-03	1.16E-04	8.55E-05	2.38E-04	7.83E-04	4.63E-03	7.40E-05	1.67E-03	8.49E-02	7.87E-03	1.01E-01
2549	NG_1245	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.107	5.31E-01	1.06E+00	Not Modelled	3.02E-01	4.92E-04	4.93E-01	5.31E-02	1.06E-02	1.06E-09	5.32E-03	1.27E-04	9.37E-05	2.61E-04	8.58E-04	5.07E-03	8.11E-05	1.83E-03	9.30E-02	8.62E-03	1.11E-01
2550	NG_1246	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.107	5.55E-01	1.11E+00	Not Modelled	3.16E-01	5.14E-04	5.19E-01	5.55E-02	1.11E-02	1.11E-09	5.56E-03	1.33E-04	9.79E-05	2.72E-04	8.97E-04	5.30E-03	8.48E-05	1.91E-03	9.72E-02	9.01E-03	1.16E-01
2555	NG_1251	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.107	4.08E-01	8.17E-01	Not Modelled	2.00E-01	3.78E-04	3.39E-01	4.08E-02	8.17E-03	8.17E-10	4.09E-03	9.77E-05	7.20E-05	2.00E-04	6.60E-04	3.90E-03	6.24E-05	1.41E-03	7.15E-02	6.63E-03	8.52E-02
2556	NG_1252	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.107	3.70E-01	7.40E-01	Not Modelled	1.77E-01	3.42E-04	3.00E-01	3.70E-02	7.40E-03	7.40E-10	3.70E-03	8.85E-05	6.52E-05	1.81E-04	5.97E-04	3.53E-03	5.65E-05	1.28E-03	6.48E-02	6.00E-03	7.72E-02
2557	NG_1253	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.107	3.38E-01	6.76E-01	Not Modelled	1.60E-01	3.13E-04	2.71E-01	3.38E-02	6.76E-03	6.76E-10	3.38E-03	8.09E-05	5.96E-05	1.66E-04	5.46E-04	3.23E-03	5.16E-05	1.17E-03	5.92E-02	5.48E-03	7.06E-02
2558	NG_1254	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.107	3.15E-01	6.30E-01	Not Modelled	1.49E-01	2.91E-04	2.53E-01	3.15E-02	6.30E-03	6.30E-10	3.15E-03	7.54E-05	5.55E-05	1.55E-04	5.09E-04	3.01E-03	4.81E-05	1.09E-03	5.52E-02	5.11E-03	6.57E-02
2561	NG_1257	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.107	2.79E-01	5.58E-01	Not Modelled	1.36E-01	2.58E-04	2.26E-01	2.79E-02	5.58E-03	5.58E-10	2.79E-03	6.68E-05	4.92E-05	1.37E-04	4.51E-04	2.66E-03	4.26E-05	9.62E-04	4.89E-02	4.53E-03	5.82E-02
2562	NG_1258	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.107	2.73E-01	5.46E-01	Not Modelled	1.34E-01	2.53E-04	2.22E-01	2.73E-02	5.46E-03	5.46E-10	2.73E-03	6.53E-05	4.81E-05	1.34E-04	4.41E-04	2.61E-03	4.17E-05	9.42E-04	4.78E-02	4.43E-03	5.70E-02
2563	NG_1259	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.107	2.61E-01	5.22E-01	Not Modelled	1.29E-01	2.41E-04	2.11E-01	2.61E-02	5.22E-03	5.22E-10	2.61E-03	6.24E-05	4.60E-05	1.28E-04	4.21E-04	2.49E-03	3.98E-05	9.00E-04	4.57E-02	4.23E-03	5.45E-02
2564	NG_1260	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.107	2.45E-01	4.90E-01	Not Modelled	1.22E-01	2.26E-04	1.97E-01	2.45E-02	4.89E-03	4.89E-10	2.45E-03	5.85E-05	4.31E-05	1.20E-04	3.95E-04	2.34E-03	3.74E-05	8.44E-04	4.28E-02	3.97E-03	5.11E-02
2565	NG_1261	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.107	2.27E-01	4.54E-01	Not Modelled	1.13E-01	2.10E-04	1.82E-01	2.27E-02	4.54E-03	4.54E-10	2.27E-03	5.43E-05	4.00E-05	1.11E-04	3.67E-04	2.17E-03	3.47E-05	7.83E-04	3.98E-02	3.68E-03	4.74E-02
2567	NG_1263	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.107	1.88E-01	3.77E-01	Not Modelled	9.34E-02	1.74E-04	1.46E-01	1.88E-02	3.77E-03	3.77E-10	1.88E-03	4.51E-05	3.32E-05	9.24E-05	3.04E-04	1.80E-03	2.88E-05	6.49E-04	3.30E-02	3.06E-03	3.93E-02
2568	NG_1264	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.107	1.75E-01	3.50E-01	Not Modelled	8.64E-02	1.62E-04	1.33E-01	1.75E-02	3.50E-03	3.50E-10	1.75E-03	4.18E-05	3.08E-05	8.58E-05	2.82E-04	1.67E-03	2.67E-05	6.03E-04	3.06E-02	2.84E-03	3.65E-02
2569	NG_1265	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.107	1.64E-01	3.28E-01	Not Modelled	8.06E-02	1.51E-04	1.23E-01	1.64E-02	3.27E-03	3.27E-10	1.64E-03	3.92E-05	2.89E-05	8.03E-05	2.64E-04	1.56E-03	2.50E-05	5.64E-04	2.87E-02	2.66E-03	3.42E-02
2570	NG_1266	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.107	1.53E-01	3.07E-01	Not Modelled	7.52E-02	1.42E-04	1.13E-01	1.53E-02	3.07E-03	3.07E-10	1.53E-03	3.67E-05	2.70E-05	7.52E-05	2.48E-04	1.46E-03	2.34E-05	5.29E-04	2.68E-02	2.49E-03	3.20E-02
2571	NG_1267	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.107	1.45E-01	2.89E-01	Not Modelled	7.05E-02	1.34E-04	1.05E-01	1.45E-02	2.89E-03	2.89E-10	1.45E-03	3.46E-05	2.55E-05	7.09E-05	2.34E-04	1.38E-03	2.21E-05	4.99E-04	2.53E-02	2.35E-03	3.02E-02
2572	NG_1268	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.107	1.38E-01	2.77E-01	Not Modelled	6.73E-02	1.28E-04	9.96E-02	1.38E-02	2.77E-03	2.77E-10	1.38E-03	3.31E-05	2.44E-05	6.78E-05	2.23E-04	1.32E-03	2.11E-05	4.77E-04	2.42E-02	2.24E-03	2.89E-02
2573	NG_1269	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.107	1.34E-01	2.68E-01	Not Modelled	6.52E-02	1.24E-04	9.56E-02	1.34E-02	2.68E-03	2.68E-10	1.34E-03	3.20E-05	2.36E-05	6.56E-05	2.16E-04	1.28E-03	2.04E-05	4.61E-04	2.34E-02	2.17E-03	2.79E-02
2574	NG_1270	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.107	1.30E-01	2.61E-01	Not Modelled	6.38E-02	1.21E-04	9.29E-02	1.31E-02	2.61E-03	2.61E-10	1.31E-03	3.12E-05	2.30E-05	6.40E-05	2.11E-04	1.25E-03	1.99E-05	4.50E-04	2.28E-02	2.12E-03	2.72E-02
2575	NG_1271	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.107	1.28E-01	2.56E-01	Not Modelled	6.28E-02	1.18E-04	9.08E-02	1.28E-02	2.56E-03	2.56E-10	1.28E-03	3.06E-05	2.26E-05	6.28E-05	2.07E-04	1.22E-03	1.95E-05	4.41E-04	2.24E-02	2.08E-03	2.67E-02
2576	NG_1272	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.157	1.38E-01	2.77E-01	Not Modelled	8.07E-02	1.28E-04	1.20E-01	1.38E-02	2.77E-03	2.77E-10	1.38E-03	3.31E-05	2.44E-05	6.79E-05	2.23E-04	1.32E-03	2.11E-05	4.77E-04	2.42E-02	2.25E-03	2.89E-02
2577	NG_1273	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.157	1.45E-01	2.89E-01	Not Modelled	8.48E-02	1.34E-04	1.27E-01	1.45E-02	2.89E-03	2.89E-10	1.45E-03	3.46E-05	2.55E-05	7.09E-05	2.34E-04	1.38E-03	2.21E-05	4.99E-04	2.53E-02	2.35E-03	3.02E-02
2578	NG_1274	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.157	1.51E-01	3.02E-01	Not Modelled	8.88E-02	1.40E-04	1.33E-01	1.51E-02	3.02E-03	3.02E-10	1.51E-03	3.61E-05	2.66E-05	7.40E-05	2.44E-04	1.44E-03	2.30E-05	5.20E-04	2.64E-02	2.45E-03	3.15E-02
2579	NG_1275	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.157	1.58E-01	3.16E-01	Not Modelled	9.32E-02	1.46E-04	1.40E-01	1.58E-02	3.16E-03	3.16E-10	1.58E-03	3.78E-05	2.79E-05	7.75E-05	2.55E-04	1.51E-03	2.41E-05	5.45E-04	2.77E-02	2.57E-03	3.30E-02
2580	NG_1276	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.157	1.67E-01	3.34E-01	Not Modelled	9.86E-02	1.54E-04	1.48E-01	1.67E-02	3.34E-03	3.34E-10	1.67E-03	3.99E-05	2.94E-05	8.18E-05	2.69E-04	1.59E-03	2.55E-05	5.75E-04	2.92E-02	2.71E-03	3.48E-02
2581	NG_1277	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.157	1.77E-01	3.55E-01	Not Modelled	1.05E-01	1.64E-04	1.58E-01	1.77E-02	3.54E-03	3.54E-10	1.77E-03	4.24E-05	3.12E-05	8.69E-05	2.86E-04	1.69E-03	2.71E-05	6.11E-04	3.10E-02	2.87E-03	3.70E-02
2582	NG_1278	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.157	1.92E-01	3.83E-01	Not Modelled	1.14E-01	1.77E-04	1.72E-01	1.92E-02	3.83E-03	3.83E-10	1.92E-03	4.58E-05	3.38E-05	9.39E-05	3.09E-04	1.83E-03	2.92E-05	6.60E-04	3.35E-02	3.11E-03	4.00E-02
2583	NG_1279	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.157	2.13E-01	4.26E-01	Not Modelled	1.26E-01	1.97E-04	1.92E-01	2.13E-02	4.26E-03	4.26E-10	2.13E-03	5.10E-05	3.75E-05	1.04E-04	3.44E-04	2.03E-03	3.25E-05	7.34E-04	3.73E-02	3.46E-03	4.45E-02
2584	NG_1280	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.157	2.39E-01	4.78E-01	Not Modelled	1.41E-01	2.21E-04	2.16E-01	2.39E-02	4.78E-03	4.78E-10	2.39E-03	5.72E-05	4.21E-05	1.17E-04	3.86E-04	2.28E-03	3.65E-05	8.24E-04	4.18E-02	3.88E-03	4.99E-02
2585	NG_1281	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.157	2.69E-01	5.39E-01	Not Modelled	1.58E-01	2.49E-04	2.43E-01	2.69E-02	5.39E-03	5.39E-10	2.69E-03	6.44E-05	4.75E-05	1.32E-04	4.35E-04	2.57E-03	4.11E-05	9.28E-04	4.71E-02	4.37E-03	5.62E-02
2586	NG_1282	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.157	3.06E-01	6.13E-01	Not Modelled	1.78E-01	2.83E-04	2.76E-01	3.06E-02	6.13E-03	6.13E-10	3.06E-03	7.33E-05	5.40E-05	1.50E-04	4.95E-04	2.92E-03	4.68E-05	1.06E-03	5.36E-02	4.97E-03	6.39E-02
2587	NG_1283	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.157	3.52E-01	7.05E-01	Not Modelled	2.02E-01	3.26E-04	3.17E-01	3.52E-02	7.04E-03	7.04E-10	3.52E-03	8.43E-05	6.21E-05	1.73E-04	5.69E-04	3.36E-03	5.38E-05	1.21E-03	6.17E-02	5.71E-03	7.35E-02

AQIA DATA - SCENARIO 2 GRID MAX

Annual Average Pollutant Concentration (µg/m3) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**4.73E-09**	**2.37E-02**	**5.66E-04**	**4.17E-04**	**1.16E-03**	**3.82E-03**	**2.26E-02**	**3.61E-04**	**8.15E-03**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2588	NG_1284	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.157	4.00E-01	8.01E-01	Not Modelled	2.28E-01	3.70E-04	3.62E-01	4.00E-02	8.01E-03	8.01E-10	4.01E-03	9.58E-05	7.06E-05	1.96E-04	6.46E-04	3.82E-03	6.11E-05	1.38E-03	7.01E-02	6.50E-03	8.36E-02
2589	NG_1285	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.157	4.46E-01	8.93E-01	Not Modelled	2.54E-01	4.13E-04	4.06E-01	4.46E-02	8.92E-03	8.92E-10	4.46E-03	1.07E-04	7.86E-05	2.19E-04	7.20E-04	4.26E-03	6.81E-05	1.54E-03	7.81E-02	7.24E-03	9.31E-02
2590	NG_1286	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.157	4.82E-01	9.64E-01	Not Modelled	2.74E-01	4.46E-04	4.42E-01	4.82E-02	9.63E-03	9.63E-10	4.82E-03	1.15E-04	8.49E-05	2.36E-04	7.78E-04	4.60E-03	7.35E-05	1.66E-03	8.43E-02	7.81E-03	1.01E-01
2591	NG_1287	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.157	4.97E-01	9.93E-01	Not Modelled	2.83E-01	4.59E-04	4.60E-01	4.97E-02	9.93E-03	9.93E-10	4.97E-03	1.19E-04	8.75E-05	2.44E-04	8.02E-04	4.74E-03	7.58E-05	1.71E-03	8.69E-02	8.06E-03	1.04E-01
2596	NG_1292	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.157	3.67E-01	7.34E-01	Not Modelled	1.82E-01	3.40E-04	3.03E-01	3.67E-02	7.34E-03	7.34E-10	3.67E-03	8.78E-05	6.47E-05	1.80E-04	5.93E-04	3.50E-03	5.60E-05	1.27E-03	6.43E-02	5.95E-03	7.66E-02
2597	NG_1293	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.157	3.33E-01	6.67E-01	Not Modelled	1.60E-01	3.08E-04	2.69E-01	3.33E-02	6.66E-03	6.66E-10	3.33E-03	7.97E-05	5.87E-05	1.63E-04	5.38E-04	3.18E-03	5.09E-05	1.15E-03	5.83E-02	5.41E-03	6.95E-02
2598	NG_1294	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.157	3.05E-01	6.10E-01	Not Modelled	1.45E-01	2.82E-04	2.43E-01	3.05E-02	6.10E-03	6.10E-10	3.05E-03	7.30E-05	5.37E-05	1.50E-04	4.92E-04	2.91E-03	4.66E-05	1.05E-03	5.34E-02	4.95E-03	6.36E-02
2599	NG_1295	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.157	2.84E-01	5.69E-01	Not Modelled	1.35E-01	2.63E-04	2.26E-01	2.85E-02	5.69E-03	5.69E-10	2.85E-03	6.81E-05	5.02E-05	1.40E-04	4.59E-04	2.72E-03	4.34E-05	9.81E-04	4.98E-02	4.62E-03	5.94E-02
2600	NG_1296	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.157	2.71E-01	5.42E-01	Not Modelled	1.30E-01	2.51E-04	2.16E-01	2.71E-02	5.42E-03	5.42E-10	2.71E-03	6.48E-05	4.77E-05	1.33E-04	4.37E-04	2.59E-03	4.13E-05	9.34E-04	4.74E-02	4.39E-03	5.65E-02
2602	NG_1298	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.157	2.59E-01	5.18E-01	Not Modelled	1.26E-01	2.39E-04	2.08E-01	2.59E-02	5.17E-03	5.17E-10	2.59E-03	6.19E-05	4.56E-05	1.27E-04	4.18E-04	2.47E-03	3.95E-05	8.92E-04	4.53E-02	4.20E-03	5.40E-02
2603	NG_1299	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.157	2.55E-01	5.10E-01	Not Modelled	1.25E-01	2.36E-04	2.06E-01	2.55E-02	5.09E-03	5.09E-10	2.55E-03	6.09E-05	4.49E-05	1.25E-04	4.11E-04	2.43E-03	3.89E-05	8.78E-04	4.46E-02	4.13E-03	5.32E-02
2604	NG_1300	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.157	2.46E-01	4.91E-01	Not Modelled	1.22E-01	2.27E-04	1.98E-01	2.46E-02	4.91E-03	4.91E-10	2.46E-03	5.88E-05	4.33E-05	1.20E-04	3.97E-04	2.35E-03	3.75E-05	8.47E-04	4.30E-02	3.98E-03	5.13E-02
2605	NG_1301	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.157	2.33E-01	4.66E-01	Not Modelled	1.16E-01	2.15E-04	1.87E-01	2.33E-02	4.66E-03	4.66E-10	2.33E-03	5.57E-05	4.10E-05	1.14E-04	3.76E-04	2.22E-03	3.56E-05	8.03E-04	4.08E-02	3.78E-03	4.86E-02
2606	NG_1302	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.157	2.18E-01	4.37E-01	Not Modelled	1.09E-01	2.02E-04	1.74E-01	2.18E-02	4.37E-03	4.37E-10	2.18E-03	5.23E-05	3.85E-05	1.07E-04	3.53E-04	2.09E-03	3.33E-05	7.53E-04	3.82E-02	3.54E-03	4.56E-02
2607	NG_1303	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.157	2.00E-01	4.01E-01	Not Modelled	1.00E-01	1.86E-04	1.58E-01	2.01E-02	4.01E-03	4.01E-10	2.01E-03	4.80E-05	3.53E-05	9.83E-05	3.24E-04	1.91E-03	3.06E-05	6.91E-04	3.51E-02	3.25E-03	4.18E-02
2608	NG_1304	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.157	1.84E-01	3.68E-01	Not Modelled	9.19E-02	1.70E-04	1.43E-01	1.84E-02	3.68E-03	3.68E-10	1.84E-03	4.40E-05	3.24E-05	9.01E-05	2.97E-04	1.75E-03	2.81E-05	6.34E-04	3.22E-02	2.98E-03	3.84E-02
2609	NG_1305	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.157	1.70E-01	3.40E-01	Not Modelled	8.48E-02	1.57E-04	1.30E-01	1.70E-02	3.39E-03	3.39E-10	1.70E-03	4.06E-05	2.99E-05	8.32E-05	2.74E-04	1.62E-03	2.59E-05	5.85E-04	2.97E-02	2.75E-03	3.54E-02
2610	NG_1306	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.157	1.59E-01	3.17E-01	Not Modelled	7.92E-02	1.47E-04	1.20E-01	1.59E-02	3.17E-03	3.17E-10	1.59E-03	3.79E-05	2.80E-05	7.78E-05	2.56E-04	1.51E-03	2.42E-05	5.47E-04	2.78E-02	2.57E-03	3.31E-02
2611	NG_1307	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.157	1.49E-01	2.97E-01	Not Modelled	7.38E-02	1.38E-04	1.11E-01	1.49E-02	2.97E-03	2.97E-10	1.49E-03	3.56E-05	2.62E-05	7.29E-05	2.40E-04	1.42E-03	2.27E-05	5.12E-04	2.60E-02	2.41E-03	3.10E-02
2612	NG_1308	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.157	1.40E-01	2.79E-01	Not Modelled	6.89E-02	1.29E-04	1.02E-01	1.40E-02	2.79E-03	2.79E-10	1.40E-03	3.34E-05	2.46E-05	6.85E-05	2.25E-04	1.33E-03	2.13E-05	4.81E-04	2.44E-02	2.26E-03	2.91E-02
2613	NG_1309	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.157	1.32E-01	2.65E-01	Not Modelled	6.52E-02	1.23E-04	9.59E-02	1.33E-02	2.65E-03	2.65E-10	1.33E-03	3.17E-05	2.34E-05	6.50E-05	2.14E-04	1.27E-03	2.02E-05	4.57E-04	2.32E-02	2.15E-03	2.77E-02
2614	NG_1310	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.157	1.28E-01	2.55E-01	Not Modelled	6.27E-02	1.18E-04	9.15E-02	1.28E-02	2.55E-03	2.55E-10	1.28E-03	3.05E-05	2.25E-05	6.26E-05	2.06E-04	1.22E-03	1.95E-05	4.40E-04	2.23E-02	2.07E-03	2.66E-02
2615	NG_1311	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.157	1.24E-01	2.48E-01	Not Modelled	6.10E-02	1.15E-04	8.83E-02	1.24E-02	2.48E-03	2.48E-10	1.24E-03	2.97E-05	2.19E-05	6.09E-05	2.00E-04	1.19E-03	1.90E-05	4.28E-04	2.17E-02	2.01E-03	2.59E-02
2616	NG_1312	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.157	1.21E-01	2.42E-01	Not Modelled	5.95E-02	1.12E-04	8.55E-02	1.21E-02	2.42E-03	2.42E-10	1.21E-03	2.90E-05	2.13E-05	5.94E-05	1.95E-04	1.16E-03	1.85E-05	4.17E-04	2.12E-02	1.96E-03	2.53E-02
2617	NG_1313	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.207	1.31E-01	2.63E-01	Not Modelled	7.79E-02	1.22E-04	1.14E-01	1.31E-02	2.63E-03	2.63E-10	1.31E-03	3.14E-05	2.32E-05	6.45E-05	2.12E-04	1.26E-03	2.01E-05	4.53E-04	2.30E-02	2.13E-03	2.74E-02
2618	NG_1314	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.207	1.37E-01	2.74E-01	Not Modelled	8.16E-02	1.27E-04	1.20E-01	1.37E-02	2.74E-03	2.74E-10	1.37E-03	3.28E-05	2.42E-05	6.72E-05	2.21E-04	1.31E-03	2.09E-05	4.72E-04	2.40E-02	2.22E-03	2.86E-02
2619	NG_1315	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.207	1.43E-01	2.86E-01	Not Modelled	8.52E-02	1.32E-04	1.26E-01	1.43E-02	2.86E-03	2.86E-10	1.43E-03	3.42E-05	2.52E-05	7.00E-05	2.31E-04	1.36E-03	2.18E-05	4.92E-04	2.50E-02	2.32E-03	2.98E-02
2620	NG_1316	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.207	1.50E-01	3.01E-01	Not Modelled	8.99E-02	1.39E-04	1.33E-01	1.50E-02	3.01E-03	3.01E-10	1.50E-03	3.60E-05	2.65E-05	7.37E-05	2.43E-04	1.44E-03	2.30E-05	5.18E-04	2.63E-02	2.44E-03	3.14E-02
2621	NG_1317	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.207	1.59E-01	3.18E-01	Not Modelled	9.47E-02	1.47E-04	1.40E-01	1.59E-02	3.17E-03	3.17E-10	1.59E-03	3.80E-05	2.80E-05	7.78E-05	2.56E-04	1.51E-03	2.42E-05	5.47E-04	2.78E-02	2.57E-03	3.31E-02
2622	NG_1318	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.207	1.70E-01	3.40E-01	Not Modelled	1.01E-01	1.57E-04	1.50E-01	1.70E-02	3.40E-03	3.40E-10	1.70E-03	4.07E-05	3.00E-05	8.34E-05	2.75E-04	1.62E-03	2.60E-05	5.86E-04	2.98E-02	2.76E-03	3.55E-02
2623	NG_1319	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.207	1.85E-01	3.69E-01	Not Modelled	1.10E-01	1.71E-04	1.64E-01	1.85E-02	3.69E-03	3.69E-10	1.85E-03	4.42E-05	3.25E-05	9.05E-05	2.98E-04	1.76E-03	2.82E-05	6.36E-04	3.23E-02	2.99E-03	3.85E-02
2624	NG_1320	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.207	2.06E-01	4.12E-01	Not Modelled	1.22E-01	1.91E-04	1.83E-01	2.06E-02	4.12E-03	4.12E-10	2.06E-03	4.93E-05	3.63E-05	1.01E-04	3.32E-04	1.97E-03	3.14E-05	7.10E-04	3.60E-02	3.34E-03	4.30E-02
2625	NG_1321	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.207	2.31E-01	4.62E-01	Not Modelled	1.36E-01	2.14E-04	2.05E-01	2.31E-02	4.62E-03	4.62E-10	2.31E-03	5.52E-05	4.07E-05	1.13E-04	3.73E-04	2.20E-03	3.53E-05	7.96E-04	4.04E-02	3.75E-03	4.82E-02
2626	NG_1322	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.207	2.62E-01	5.25E-01	Not Modelled	1.53E-01	2.43E-04	2.33E-01	2.62E-02	5.24E-03	5.24E-10	2.62E-03	6.27E-05	4.62E-05	1.29E-04	4.23E-04	2.50E-03	4.00E-05	9.04E-04	4.59E-02	4.25E-03	5.47E-02
2627	NG_1323	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.207	2.96E-01	5.93E-01	Not Modelled	1.71E-01	2.74E-04	2.62E-01	2.96E-02	5.92E-03	5.92E-10	2.96E-03	7.08E-05	5.22E-05	1.45E-04	4.78E-04	2.83E-03	4.52E-05	1.02E-03	5.18E-02	4.80E-03	6.18E-02
2628	NG_1324	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.207	3.38E-01	6.75E-01	Not Modelled	1.93E-01	3.12E-04	3.00E-01	3.38E-02	6.75E-03	6.75E-10	3.38E-03	8.08E-05	5.95E-05	1.66E-04	5.45E-04	3.22E-03	5.15E-05	1.16E-03	5.91E-02	5.48E-03	7.04E-02
2629	NG_1325	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.207	3.77E-01	7.55E-01	Not Modelled	2.15E-01	3.49E-04	3.36E-01	3.77E-02	7.55E-03	7.55E-10	3.77E-03	9.03E-05	6.65E-05	1.85E-04	6.09E-04	3.60E-03	5.76E-05	1.30E-03	6.61E-02	6.12E-03	7.87E-02
2630	NG_1326	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.207	4.13E-01	8.25E-01	Not Modelled	2.35E-01	3.82E-04	3.71E-01	4.13E-02	8.25E-03	8.25E-10	4.13E-03	9.87E-05	7.27E-05	2.02E-04	6.66E-04	3.94E-03	6.30E-05	1.42E-03	7.22E-02	6.69E-03	8.61E-02
2631	NG_1327	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.207	4.35E-01	8.70E-01	Not Modelled	2.48E-01	4.03E-04	3.95E-01	4.35E-02	8.70E-03	8.70E-10	4.35E-03	1.04E-04	7.67E-05	2.13E-04	7.03E-04	4.15E-03	6.64E-05	1.50E-03	7.62E-02	7.06E-03	9.08E-02
2632	NG_1328	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.207	4.42E-01	8.84E-01	Not Modelled	2.52E-01	4.09E-04	4.04E-01	4.42E-02	8.83E-03	8.83E-10	4.42E-03	1.06E-04	7.79E-05	2.17E-04	7.13E-04	4.22E-03	6.74E-05	1.52E-03	7.73E-02	7.17E-03	9.22E-02
2637	NG_1333	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.207	3.29E-01	6.58E-01	Not Modelled	1.64E-01	3.04E-04	2.70E-01	3.29E-02	6.58E-03	6.58E-10	3.29E-03	7.87E-05	5.80E-05	1.61E-04	5.31E-04	3.14E-03	5.03E-05	1.13E-03	5.76E-02	5.34E-03	6.87E-02
2638	NG_1334	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.207	2.99E-01	5.98E-01	Not Modelled	1.45E-01	2.77E-04	2.39E-01	2.99E-02	5.98E-03	5.98E-10	2.99E-03	7.16E-05	5.27E-05	1.47E-04	4.83E-04	2.86E-03	4.57E-05	1.03E-03	5.24E-02	4.85E-03	6.24E-02
2639	NG_1335	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.207	2.76E-01	5.52E-01	Not Modelled	1.32E-01	2.55E-04	2.19E-01	2.76E-02	5.52E-03	5.52E-10	2.76E-03	6.60E-05	4.87E-05	1.35E-04	4.46E-04	2.64E-03	4.22E-05	9.52E-04	4.83E-02	4.48E-03	5.76E-02
2640	NG_1336	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.207	2.59E-01	5.18E-01	Not Modelled	1.24E-01	2.39E-04	2.05E-01	2.59E-02	5.17E-03	5.17E-10	2.59E-03	6.19E-05	4.56E-05	1.27E-04	4.18E-04	2.47E-03	3.95E-05	8.92E-04	4.53E-02	4.20E-03	5.40E-02
2641	NG_1337	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.207	2.48E-01	4.96E-01	Not Modelled	1.20E-01	2.30E-04	1.97E-01	2.48E-02	4.96E-03	4.96E-10	2.48E-03	5.94E-05	4.37E-05	1.22E-04	4.01E-04	2.37E-03	3.79E-05	8.55E-04	4.34E-02	4.03E-03	5.18E-02
2642	NG_1338	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.207	2.43E-01	4.87E-01	Not Modelled	1.18E-01	2.25E-04	1.95E-01	2.43E-02	4.87E-03	4.87E-10	2.43E-03	5.82E-05	4.29E-05	1.19E-04	3.93E-04	2.32E-03	3.71E-05	8.39E-04	4.26E-02	3.95E-03	5.08E-02
2643	NG_1339	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.207	2.41E-01	4.81E-01	Not Modelled	1.18E-01	2.23E-04	1.93E-01	2.41E-02	4.81E-03	4.81E-10	2.41E-03	5.75E-05	4.24E-05	1.18E-04	3.88E-04	2.30E-03	3.67E-05	8.29E-04	4.21E-02	3.90E-03	5.02E-02
2644	NG_1340	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.207	2.39E-01	4.77E-01	Not Modelled	1.18E-01	2.21E-04	1.92E-01	2.39E-02	4.77E-03	4.77E-10	2.39E-03	5.71E-05	4.21E-05	1.17E-04	3.85E-04	2.28E-03	3.64E-05	8.23E-04	4.18E-02	3.87E-03	4.98E-02
2645	NG_1341	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.207	2.33E-01	4.67E-01	Not Modelled	1.16E-01	2.16E-04	1.88E-01	2.33E-02	4.66E-03	4.66E-10	2.33E-03	5.58E-05	4.11E-05	1.14E-04	3.77E-04	2.23E-03	3.56E-05	8.04E-04	4.08E-02	3.78E-03	4.87E-02
2646	NG_1342	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.207	2.24E-01	4.47E-01	Not Modelled	1.12E-01	2.07E-04	1.79E-01	2.24E-02	4.47E-03	4.47E-10	2.24E-03	5.35E-05	3.94E-05	1.10E-04	3.61E-04	2.14E-03	3.41E-05	7.71E-04	3.92E-02	3.63E-03	4.67E-02
2647	NG_1343	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.207	2.09E-01	4.19E-01	Not Modelled	1.05E-01	1.94E-04	1.66E-01	2.09E-02	4.19E-03	4.19E-10	2.09E-03	5.01E-05	3.69E-05	1.03E-04	3.38E-04	2.00E-03	3.20E-05	7.22E-04	3.67E-02	3.40E-03	4.37E-02
2648	NG_1344	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.207	1.94E-01	3.87E-01	Not Modelled	9.71E-02	1.79E-04	1.52E-01	1.94E-02	3.87E-03	3.87E-10	1.94E-03	4.63E-05	3.41E-05	9.49E-05	3.13E-04	1.85E-03	2.96E-05	6.67E-04	3.39E-02	3.14E-03	4.04E-02
2649	NG_1345	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.207	1.80E-01	3.59E-01	Not Modelled	9.03E-02	1.66E-04	1.40E-01	1.80E-02	3.59E-03	3.59E-10	1.80E-03	4.30E-05	3.16E-05	8.81E-05	2.90E-04	1.71E-03	2.74E-05	6.19E-04	3.14E-02	2.91E-03	3.75E-02
2650	NG_1346	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.207	1.67E-01	3.33E-01	Not Modelled	8.40E-02	1.54E-04	1.29E-01	1.67E-02	3.33E-03	3.33E-10	1.67E-03	3.99E-05	2.94E-05	8.17E-05	2.69E-04	1.59E-03	2.54E-05	5.74E-04	2.92E-02	2.70E-03	3.48E-02
2651	NG_1347	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.207	1.56E-01	3.12E-01	Not Modelled	7.86E-02	1.44E-04	1.19E-01	1.56E-02	3.12E-03	3.12E-10	1.56E-03	3.73E-05	2.75E-05	7.64E-05	2.52E-04	1.49E-03	2.38E-05	5.37E-04	2.73E-02	2.53E-03	3.25E-02
2652	NG_1348	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.207	1.44E-01	2.89E-01	Not Modelled	7.25E-02	1.34E-04	1.08E-01	1.44E-02	2.89E-03	2.89E-10	1.44E-03	3.45E-05	2.54E-05	7.08E-05	2.33E-04	1.38E-03	2.20E-05	4.98E-04	2.53E-02	2.34E-03	3.01E-02
2653	NG_1349	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.207	1.35E-01	2.71E-01	Not Modelled	6.77E-02	1.25E-04	1.00E-01	1.35E-02	2.71E-03	2.71E-10	1.35E-03	3.24E-05	2.39E-05	6.64E-05	2.19E-04	1.29E-03	2.07E-05	4.67E-04	2.37E-02	2.20E-03	2.83E-02
2654	NG_1350	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.207	1.28E-01	2.56E-01	Not Modelled	6.38E-02	1.19E-04	9.34E-02	1.28E-02	2.56E-03	2.56E-10	1.28E-03	3.06E-05	2.26E-05	6.28E-05	2.07E-04	1.22E-03	1.96E-05	4.42E-04	2.24E-02	2.08E-03	2.67E-02
2655	NG_1351	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.207	1.23E-01	2.46E-01	Not Modelled	6.09E-02	1.14E-04	8.84E-02	1.23E-02	2.45E-03	2.45E-10	1.23E-03	2.94E-05	2.16E-05	6.02E-05	1.98E-04	1.17E-03	1.87E-05	4.23E-04	2.15E-02	1.99E-03	2.56E-02
2656	NG_1352	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.207	1.18E-01	2.37E-01	Not Modelled	5.86E-02	1.10E-04	8.43E-02	1.18E-02	2.37E-03	2.37E-10	1.18E-03	2.83E-05	2.09E-05	5.81E-05	1.91E-04	1.13E-03	1.81E-05	4.08E-04	2.07E-02	1.92E-03	2.47E-02
2657	NG_1353	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.207	1.15E-01	2.30E-01	Not Modelled	5.68E-02	1.06E-04	8.11E-02	1.15E-02	2.30E-03	2.30E-10	1.15E-03	2.75E-05	2.02E-05	5.63E-05	1.85E-04	1.10E-03	1.75E-05	3.96E-04	2.01E-02	1.86E-03	2.40E-02
2658	NG_1354	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.257	1.25E-01	2.50E-01	Not Modelled	7.53E-02	1.16E-04	1.09E-01	1.25E-02	2.50E-03	2.50E-10	1.25E-03	2.99E-05	2.21E-05	6.14E-05	2.02E-04	1.20E-03	1.91E-05	4.31E-04	2.19E-02	2.03E-03	2.61E-02
2659	NG_1355	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.257	1.30E-01	2.61E-01	Not Modelled	7.85E-02	1.21E-04	1.13E-01	1.30E-02	2.60E-03	2.60E-10	1.30E-03	3.12E-05	2.30E-05	6.39E-05	2.10E-04	1.24E-03	1.99E-05	4.49E-04	2.28E-02	2.11E-03	2.72E-02
2660	NG_1356	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.257	1.36E-01	2.72E-01	Not Modelled	8.20E-02	1.26E-04	1.19E-01	1.36E-02	2.72E-03	2.72E-10	1.36E-03	3.25E-05	2.40E-05	6.67E-05	2.20E-04	1.30E-03	2.08E-05	4.69E-04	2.38E-02	2.21E-03	2.84E-02
2661	NG_1357	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.257	1.43E-01	2.87E-01	Not Modelled	8.63E-02	1.33E-04	1.25E-01	1.43E-02	2.86E-03	2.86E-10	1.43E-03	3.43E-05	2.52E-05	7.02E-05	2.31E-04	1.37E-03	2.19E-05	4.94E-04	2.51E-02	2.32E-03	2.99E-02
2662	NG_1358	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.257	1.52E-01	3.04E-01	Not Modelled	9.11E-02	1.41E-04	1.33E-01	1.52E-02	3.04E-03	3.04E-10	1.52E-03	3.64E-05	2.68E-05	7.45E-05	2.45E-04	1.45E-03	2.32E-05	5.24E-04	2.66E-02	2.47E-03	3.17E-02
2663	NG_1359	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.257	1.63E-01	3.26E-01	Not Modelled	9.73E-02	1.51E-04	1.42E-01	1.63E-02	3.26E-03	3.26E-10	1.63E-03	3.90E-05	2.88E-05	8.00E-05	2.63E-04	1.56E-03	2.49E-05	5.62E-04	2.86E-02	2.65E-03	3.41E-02
2664	NG_1360	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.257	1.79E-01	3.58E-01	Not Modelled	1.06E-01	1.66E-04	1.56E-01	1.79E-02	3.58E-03	3.58E-10	1.79E-03	4.28E-05	3.16E-05	8.78E-05	2.89E-04	1.71E-03	2.73E-05	6.17E-04	3.14E-02	2.91E-03	3.74E-02
2665	NG_1361	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.257	2.01E-01	4.01E-01	Not Modelled	1.18E-01	1.86E-04	1.75E-01	2.01E-02	4.01E-03	4.01E-10	2.01E-03	4.80E-05	3.54E-05	9.84E-05	3.24E-04	1.92E-03	3.06E-05	6.92E-04	3.51E-02	3.25E-03	4.19E-02
2666	NG_1362	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.257	2.26E-01	4.51E-01	Not Modelled	1.32E-01	2.09E-04	1.97E-01	2.26E-02	4.51E-03	4.51E-10	2.26E-03	5.40E-05	3.98E-05	1.11E-04	3.64E-04	2.15E-03	3.44E-05	7.78E-04	3.95E-02	3.66E-03	4.71E-02
2667	NG_1363	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.257	2.53E-01	5.06E-01	Not Modelled	1.47E-01	2.34E-04	2.21E-01	2.53E-02	5.06E-03	5.06E-10	2.53E-03	6.05E-05	4.46E-05	1.24E-04	4.08E-04	2.42E-03	3.86E-05	8.72E-04	4.43E-02	4.10E-03	5.28E-02
2668	NG_1364	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.257	2.86E-01	5.72E-01	Not Modelled	1.65E-01	2.65E-04	2.50E-01	2.86E-02	5.72E-03	5.72E-10	2.86E-03	6.84E-05	5.04E-05	1.40E-04	4.62E-04	2.73E-03	4.37E-05	9.86E-04	5.01E-02	4.64E-03	5.97E-02
2669	NG_1365	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.257	3.24E-01	6.47E-01	Not Modelled	1.85E-01	2.99E-04	2.84E-01	3.24E-02	6.47E-03	6.47E-10	3.24E-03	7.74E-05	5.70E-05	1.59E-04	5.23E-04	3.09E-03	4.94E-05	1.12E-03	5.67E-02	5.25E-03	6.75E-02
2670	NG_1366	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.257	3.61E-01	7.22E-01	Not Modelled	2.06E-01	3.34E-04	3.19E-01	3.61E-02	7.21E-03	7.21E-10	3.61E-03	8.63E-05	6.36E-05	1.77E-04	5.82E-04	3.44E-03	5.51E-05	1.24E-03	6.31E-02	5.85E-03	7.53E-02
2671	NG_1367	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.257	3.87E-01	7.74E-01	Not Modelled	2.21E-01	3.58E-04	3.45E-01	3.87E-02	7.74E-03	7.74E-10	3.87E-03	9.26E-05	6.82E-05	1.90E-04	6.25E-04	3.70E-03	5.91E-05	1.33E-03	6.78E-02	6.28E-03	8.08E-02
2672	NG_1368	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.257	3.99E-01	7.98E-01	Not Modelled	2.28E-01	3.69E-04	3.59E-01	3.99E-02	7.98E-03	7.98E-10	3.99E-03	9.54E-05	7.03E-05	1.96E-04	6.44E-04	3.81E-03	6.09E-05	1.38E-03	6.98E-02	6.47E-03	8.33E-02
2673	NG_1369	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.257	3.99E-01	7.97E-01	Not Modelled	2.28E-01	3.69E-04	3.61E-01	3.99E-02	7.97E-03	7.97E-10	3.99E-03	9.54E-05	7.02E-05	1.95E-04	6.44E-04	3.81E-03	6.09E-05	1.37E-03	6.98E-02	6.47E-03	8.32E-02
2678	NG_1374	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.257	2.92E-01	5.84E-01	Not Modelled	1.46E-01	2.70E-04	2.37E-01	2.92E-02	5.84E-03	5.84E-10	2.92E-03	6.99E-05	5.15E-05	1.43E-04	4.72E-04	2.79E-03	4.46E-05	1.01E-03	5.11E-02	4.74E-03	6.10E-02
2679	NG_1375	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.257	2.68E-01	5.36E-01	Not Modelled	1.30E-01	2.48E-04	2.13E-01	2.68E-02	5.36E-03	5.36E-10	2.68E-03	6.41E-05	4.73E-05	1.31E-04	4.33E-04	2.56E-03	4.09E-05	9.24E-04	4.69E-02	4.35E-03	5.60E-02
2680	NG_1376	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.257	2.49E-01	4.98E-01	Not Modelled	1.20E-01	2.30E-04	1.96E-01	2.49E-02	4.98E-03	4.98E-10	2.49E-03	5.96E-05	4.39E-05	1.22E-04	4.02E-04	2.38E-03	3.80E-05	8.58E-04	4.36E-02	4.04E-03	5.20E-02
2681	NG_1377	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.257	2.35E-01	4.71E-01	Not Modelled	1.13E-01	2.18E-04	1.85E-01	2.36E-02	4.71E-03	4.71E-10	2.36E-03	5.63E-05	4.15E-05	1.16E-04	3.80E-04	2.25E-03	3.60E-05	8.12E-04	4.12E-02	3.82E-03	4.92E-02
2682	NG_1378	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.257	2.28E-01	4.57E-01	Not Modelled	1.11E-01	2.11E-04	1.81E-01	2.28E-02	4.56E-03	4.56E-10	2.28E-03	5.46E-05	4.02E-05	1.12E-04	3.69E-04	2.18E-03	3.48E-05	7.87E-04	4.00E-02	3.70E-03	4.76E-02
2683	NG_1379	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.257	2.24E-01	4.49E-01	Not Modelled	1.10E-01	2.08E-04	1.79E-01	2.24E-02	4.48E-03	4.48E-10	2.24E-03	5.37E-05	3.95E-05	1.10E-04	3.62E-04	2.14E-03	3.42E-05	7.73E-04	3.93E-02	3.64E-03	4.68E-02
2684	NG_1380	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.257	2.23E-01	4.46E-01	Not Modelled	1.10E-01	2.06E-04	1.78E-01	2.23E-02	4.45E-03	4.45E-10	2.23E-03	5.33E-05	3.92E-05	1.09E-04	3.60E-04	2.13E-03	3.40E-05	7.68E-04	3.90E-02	3.61E-03	4.65E-02
2685	NG_1381	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.257	2.22E-01	4.45E-01	Not Modelled	1.10E-01	2.06E-04	1.78E-01	2.22E-02	4.45E-03	4.45E-10	2.22E-03	5.32E-05	3.92E-05	1.09E-04	3.59E-04	2.12E-03	3.39E-05	7.66E-04	3.89E-02	3.61E-03	4.64E-02

AQIA DATA - SCENARIO 2 GRID MAX

Annual Average Pollutant Concentration (µg/m3) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**4.73E-09**	**2.37E-02**	**5.66E-04**	**4.17E-04**	**1.16E-03**	**3.82E-03**	**2.26E-02**	**3.61E-04**	**8.15E-03**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2686	NG_1382	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.257	2.21E-01	4.43E-01	Not Modelled	1.11E-01	2.05E-04	1.78E-01	2.21E-02	4.42E-03	4.42E-10	2.21E-03	5.29E-05	3.90E-05	1.08E-04	3.57E-04	2.11E-03	3.38E-05	7.63E-04	3.87E-02	3.59E-03	4.62E-02
2687	NG_1383	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.257	2.14E-01	4.28E-01	Not Modelled	1.07E-01	1.98E-04	1.71E-01	2.14E-02	4.28E-03	4.28E-10	2.14E-03	5.12E-05	3.77E-05	1.05E-04	3.46E-04	2.04E-03	3.27E-05	7.38E-04	3.75E-02	3.47E-03	4.47E-02
2688	NG_1384	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.257	2.01E-01	4.01E-01	Not Modelled	1.01E-01	1.86E-04	1.58E-01	2.01E-02	4.01E-03	4.01E-10	2.01E-03	4.80E-05	3.54E-05	9.84E-05	3.24E-04	1.92E-03	3.06E-05	6.92E-04	3.51E-02	3.26E-03	4.19E-02
2689	NG_1385	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.257	1.87E-01	3.74E-01	Not Modelled	9.41E-02	1.73E-04	1.46E-01	1.87E-02	3.74E-03	3.74E-10	1.87E-03	4.48E-05	3.30E-05	9.18E-05	3.02E-04	1.79E-03	2.86E-05	6.45E-04	3.28E-02	3.04E-03	3.90E-02
2690	NG_1386	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.257	1.74E-01	3.49E-01	Not Modelled	8.79E-02	1.61E-04	1.35E-01	1.74E-02	3.48E-03	3.48E-10	1.74E-03	4.17E-05	3.07E-05	8.54E-05	2.81E-04	1.66E-03	2.66E-05	6.01E-04	3.05E-02	2.83E-03	3.64E-02
2691	NG_1387	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.257	1.64E-01	3.28E-01	Not Modelled	8.30E-02	1.51E-04	1.26E-01	1.64E-02	3.27E-03	3.27E-10	1.64E-03	3.92E-05	2.89E-05	8.03E-05	2.64E-04	1.56E-03	2.50E-05	5.64E-04	2.87E-02	2.66E-03	3.42E-02
2692	NG_1388	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.257	1.53E-01	3.05E-01	Not Modelled	7.74E-02	1.41E-04	1.17E-01	1.53E-02	3.05E-03	3.05E-10	1.53E-03	3.65E-05	2.69E-05	7.48E-05	2.46E-04	1.46E-03	2.33E-05	5.26E-04	2.67E-02	2.47E-03	3.18E-02
2693	NG_1389	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.257	1.41E-01	2.83E-01	Not Modelled	7.16E-02	1.31E-04	1.07E-01	1.41E-02	2.83E-03	2.83E-10	1.41E-03	3.38E-05	2.49E-05	6.94E-05	2.28E-04	1.35E-03	2.16E-05	4.88E-04	2.48E-02	2.29E-03	2.95E-02
2694	NG_1390	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.257	1.31E-01	2.62E-01	Not Modelled	6.61E-02	1.21E-04	9.72E-02	1.31E-02	2.62E-03	2.62E-10	1.31E-03	3.13E-05	2.31E-05	6.43E-05	2.12E-04	1.25E-03	2.00E-05	4.52E-04	2.29E-02	2.13E-03	2.73E-02
2695	NG_1391	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.257	1.24E-01	2.48E-01	Not Modelled	6.24E-02	1.15E-04	9.09E-02	1.24E-02	2.48E-03	2.48E-10	1.24E-03	2.97E-05	2.19E-05	6.08E-05	2.00E-04	1.18E-03	1.89E-05	4.27E-04	2.17E-02	2.01E-03	2.59E-02
2696	NG_1392	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.257	1.19E-01	2.38E-01	Not Modelled	5.98E-02	1.10E-04	8.64E-02	1.19E-02	2.38E-03	2.38E-10	1.19E-03	2.85E-05	2.10E-05	5.84E-05	1.92E-04	1.14E-03	1.82E-05	4.11E-04	2.09E-02	1.93E-03	2.49E-02
2697	NG_1393	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.257	1.14E-01	2.29E-01	Not Modelled	5.71E-02	1.06E-04	8.18E-02	1.14E-02	2.28E-03	2.28E-10	1.14E-03	2.73E-05	2.01E-05	5.60E-05	1.84E-04	1.09E-03	1.74E-05	3.94E-04	2.00E-02	1.85E-03	2.38E-02
2698	NG_1394	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.257	1.10E-01	2.20E-01	Not Modelled	5.46E-02	1.01E-04	7.75E-02	1.10E-02	2.19E-03	2.19E-10	1.10E-03	2.62E-05	1.93E-05	5.38E-05	1.77E-04	1.05E-03	1.67E-05	3.78E-04	1.92E-02	1.78E-03	2.29E-02
2699	NG_1395	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.307	1.19E-01	2.39E-01	Not Modelled	7.27E-02	1.10E-04	1.03E-01	1.19E-02	2.39E-03	2.39E-10	1.19E-03	2.86E-05	2.10E-05	5.86E-05	1.93E-04	1.14E-03	1.82E-05	4.12E-04	2.09E-02	1.94E-03	2.49E-02
2700	NG_1396	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.307	1.24E-01	2.49E-01	Not Modelled	7.56E-02	1.15E-04	1.07E-01	1.24E-02	2.49E-03	2.49E-10	1.24E-03	2.97E-05	2.19E-05	6.10E-05	2.01E-04	1.19E-03	1.90E-05	4.28E-04	2.18E-02	2.02E-03	2.59E-02
2701	NG_1397	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.307	1.31E-01	2.61E-01	Not Modelled	7.93E-02	1.21E-04	1.13E-01	1.31E-02	2.61E-03	2.61E-10	1.31E-03	3.12E-05	2.30E-05	6.40E-05	2.11E-04	1.25E-03	1.99E-05	4.50E-04	2.29E-02	2.12E-03	2.73E-02
2702	NG_1398	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.307	1.38E-01	2.76E-01	Not Modelled	8.34E-02	1.28E-04	1.19E-01	1.38E-02	2.76E-03	2.76E-10	1.38E-03	3.30E-05	2.43E-05	6.76E-05	2.23E-04	1.32E-03	2.11E-05	4.75E-04	2.41E-02	2.24E-03	2.88E-02
2703	NG_1399	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.307	1.47E-01	2.94E-01	Not Modelled	8.82E-02	1.36E-04	1.27E-01	1.47E-02	2.94E-03	2.94E-10	1.47E-03	3.52E-05	2.59E-05	7.21E-05	2.37E-04	1.40E-03	2.24E-05	5.07E-04	2.57E-02	2.38E-03	3.07E-02
2704	NG_1400	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.307	1.58E-01	3.17E-01	Not Modelled	9.42E-02	1.46E-04	1.36E-01	1.58E-02	3.16E-03	3.16E-10	1.58E-03	3.79E-05	2.79E-05	7.76E-05	2.56E-04	1.51E-03	2.42E-05	5.45E-04	2.77E-02	2.57E-03	3.30E-02
2705	NG_1401	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.307	1.75E-01	3.50E-01	Not Modelled	1.04E-01	1.62E-04	1.50E-01	1.75E-02	3.50E-03	3.50E-10	1.75E-03	4.19E-05	3.08E-05	8.58E-05	2.83E-04	1.67E-03	2.67E-05	6.03E-04	3.06E-02	2.84E-03	3.65E-02
2706	NG_1402	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.307	1.98E-01	3.96E-01	Not Modelled	1.16E-01	1.83E-04	1.70E-01	1.98E-02	3.95E-03	3.95E-10	1.98E-03	4.73E-05	3.49E-05	9.70E-05	3.19E-04	1.89E-03	3.02E-05	6.82E-04	3.46E-02	3.21E-03	4.13E-02
2707	NG_1403	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.307	2.21E-01	4.43E-01	Not Modelled	1.29E-01	2.05E-04	1.90E-01	2.21E-02	4.43E-03	4.43E-10	2.22E-03	5.30E-05	3.90E-05	1.09E-04	3.58E-04	2.11E-03	3.38E-05	7.63E-04	3.88E-02	3.59E-03	4.62E-02
2708	NG_1404	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.307	2.44E-01	4.89E-01	Not Modelled	1.41E-01	2.26E-04	2.10E-01	2.44E-02	4.89E-03	4.89E-10	2.44E-03	5.85E-05	4.31E-05	1.20E-04	3.95E-04	2.33E-03	3.73E-05	8.42E-04	4.28E-02	3.96E-03	5.10E-02
2709	NG_1405	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.307	2.73E-01	5.46E-01	Not Modelled	1.57E-01	2.53E-04	2.35E-01	2.73E-02	5.46E-03	5.46E-10	2.73E-03	6.53E-05	4.81E-05	1.34E-04	4.41E-04	2.61E-03	4.17E-05	9.41E-04	4.78E-02	4.43E-03	5.70E-02
2710	NG_1406	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.307	3.08E-01	6.17E-01	Not Modelled	1.76E-01	2.85E-04	2.68E-01	3.08E-02	6.17E-03	6.17E-10	3.08E-03	7.38E-05	5.44E-05	1.51E-04	4.98E-04	2.94E-03	4.71E-05	1.06E-03	5.40E-02	5.00E-03	6.44E-02
2711	NG_1407	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.307	3.40E-01	6.81E-01	Not Modelled	1.95E-01	3.15E-04	2.99E-01	3.40E-02	6.81E-03	6.81E-10	3.41E-03	8.15E-05	6.00E-05	1.67E-04	5.50E-04	3.25E-03	5.20E-05	1.17E-03	5.96E-02	5.52E-03	7.11E-02
2712	NG_1408	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.307	3.60E-01	7.21E-01	Not Modelled	2.07E-01	3.33E-04	3.20E-01	3.60E-02	7.20E-03	7.20E-10	3.60E-03	8.62E-05	6.35E-05	1.77E-04	5.82E-04	3.44E-03	5.50E-05	1.24E-03	6.31E-02	5.84E-03	7.52E-02
2713	NG_1409	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.307	3.65E-01	7.30E-01	Not Modelled	2.10E-01	3.38E-04	3.27E-01	3.65E-02	7.30E-03	7.30E-10	3.65E-03	8.73E-05	6.43E-05	1.79E-04	5.89E-04	3.48E-03	5.57E-05	1.26E-03	6.39E-02	5.92E-03	7.62E-02
2714	NG_1410	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.307	3.60E-01	7.20E-01	Not Modelled	2.07E-01	3.33E-04	3.24E-01	3.60E-02	7.20E-03	7.20E-10	3.60E-03	8.61E-05	6.35E-05	1.77E-04	5.81E-04	3.44E-03	5.50E-05	1.24E-03	6.30E-02	5.84E-03	7.51E-02
2715	NG_1411	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.307	3.52E-01	7.04E-01	Not Modelled	2.00E-01	3.26E-04	3.16E-01	3.52E-02	7.04E-03	7.04E-10	3.52E-03	8.42E-05	6.21E-05	1.73E-04	5.68E-04	3.36E-03	5.38E-05	1.21E-03	6.16E-02	5.71E-03	7.35E-02
2716	NG_1412	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.307	3.41E-01	6.82E-01	Not Modelled	1.90E-01	3.15E-04	3.03E-01	3.41E-02	6.82E-03	6.82E-10	3.41E-03	8.16E-05	6.01E-05	1.67E-04	5.50E-04	3.26E-03	5.21E-05	1.18E-03	5.97E-02	5.53E-03	7.12E-02
2717	NG_1413	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.307	3.18E-01	6.37E-01	Not Modelled	1.72E-01	2.94E-04	2.75E-01	3.18E-02	6.36E-03	6.36E-10	3.18E-03	7.61E-05	5.61E-05	1.56E-04	5.14E-04	3.04E-03	4.86E-05	1.10E-03	5.57E-02	5.16E-03	6.64E-02
2718	NG_1414	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.307	2.88E-01	5.76E-01	Not Modelled	1.49E-01	2.66E-04	2.39E-01	2.88E-02	5.76E-03	5.76E-10	2.88E-03	6.89E-05	5.07E-05	1.41E-04	4.65E-04	2.75E-03	4.40E-05	9.92E-04	5.04E-02	4.67E-03	6.01E-02
2719	NG_1415	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.307	2.62E-01	5.25E-01	Not Modelled	1.31E-01	2.43E-04	2.11E-01	2.62E-02	5.24E-03	5.24E-10	2.62E-03	6.27E-05	4.62E-05	1.29E-04	4.23E-04	2.50E-03	4.00E-05	9.04E-04	4.59E-02	4.25E-03	5.47E-02
2720	NG_1416	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.307	2.43E-01	4.86E-01	Not Modelled	1.19E-01	2.25E-04	1.91E-01	2.43E-02	4.86E-03	4.86E-10	2.43E-03	5.81E-05	4.28E-05	1.19E-04	3.92E-04	2.32E-03	3.71E-05	8.37E-04	4.25E-02	3.94E-03	5.07E-02
2721	NG_1417	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.307	2.27E-01	4.55E-01	Not Modelled	1.10E-01	2.10E-04	1.78E-01	2.27E-02	4.55E-03	4.55E-10	2.28E-03	5.44E-05	4.01E-05	1.12E-04	3.67E-04	2.17E-03	3.47E-05	7.84E-04	3.98E-02	3.69E-03	4.75E-02
2722	NG_1418	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.307	2.16E-01	4.32E-01	Not Modelled	1.05E-01	2.00E-04	1.69E-01	2.16E-02	4.32E-03	4.32E-10	2.16E-03	5.17E-05	3.81E-05	1.06E-04	3.49E-04	2.06E-03	3.30E-05	7.45E-04	3.78E-02	3.51E-03	4.51E-02
2723	NG_1419	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.307	2.09E-01	4.19E-01	Not Modelled	1.02E-01	1.94E-04	1.65E-01	2.09E-02	4.19E-03	4.19E-10	2.09E-03	5.01E-05	3.69E-05	1.03E-04	3.38E-04	2.00E-03	3.20E-05	7.22E-04	3.67E-02	3.40E-03	4.37E-02
2724	NG_1420	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.307	2.05E-01	4.11E-01	Not Modelled	1.01E-01	1.90E-04	1.62E-01	2.05E-02	4.10E-03	4.10E-10	2.05E-03	4.91E-05	3.62E-05	1.01E-04	3.31E-04	1.96E-03	3.13E-05	7.07E-04	3.59E-02	3.33E-03	4.28E-02
2725	NG_1421	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.307	2.03E-01	4.06E-01	Not Modelled	1.00E-01	1.88E-04	1.61E-01	2.03E-02	4.06E-03	4.06E-10	2.03E-03	4.86E-05	3.58E-05	9.96E-05	3.28E-04	1.94E-03	3.10E-05	7.00E-04	3.56E-02	3.30E-03	4.24E-02
2726	NG_1422	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.307	2.05E-01	4.11E-01	Not Modelled	1.02E-01	1.90E-04	1.64E-01	2.05E-02	4.11E-03	4.11E-10	2.05E-03	4.91E-05	3.62E-05	1.01E-04	3.32E-04	1.96E-03	3.14E-05	7.08E-04	3.59E-02	3.33E-03	4.29E-02
2727	NG_1423	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.307	2.07E-01	4.13E-01	Not Modelled	1.04E-01	1.91E-04	1.65E-01	2.07E-02	4.13E-03	4.13E-10	2.07E-03	4.94E-05	3.64E-05	1.01E-04	3.34E-04	1.97E-03	3.15E-05	7.12E-04	3.62E-02	3.35E-03	4.31E-02
2728	NG_1424	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.307	2.02E-01	4.04E-01	Not Modelled	1.02E-01	1.87E-04	1.61E-01	2.02E-02	4.04E-03	4.04E-10	2.02E-03	4.83E-05	3.56E-05	9.91E-05	3.26E-04	1.93E-03	3.08E-05	6.97E-04	3.54E-02	3.28E-03	4.22E-02
2729	NG_1425	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.307	1.91E-01	3.83E-01	Not Modelled	9.63E-02	1.77E-04	1.51E-01	1.91E-02	3.83E-03	3.83E-10	1.91E-03	4.58E-05	3.37E-05	9.39E-05	3.09E-04	1.83E-03	2.92E-05	6.60E-04	3.35E-02	3.10E-03	3.99E-02
2730	NG_1426	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.307	1.79E-01	3.58E-01	Not Modelled	9.00E-02	1.65E-04	1.39E-01	1.79E-02	3.57E-03	3.57E-10	1.79E-03	4.27E-05	3.15E-05	8.76E-05	2.89E-04	1.71E-03	2.73E-05	6.16E-04	3.13E-02	2.90E-03	3.73E-02
2731	NG_1427	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.307	1.68E-01	3.37E-01	Not Modelled	8.51E-02	1.56E-04	1.30E-01	1.68E-02	3.37E-03	3.37E-10	1.68E-03	4.03E-05	2.97E-05	8.26E-05	2.72E-04	1.61E-03	2.57E-05	5.81E-04	2.95E-02	2.73E-03	3.52E-02
2732	NG_1428	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.307	1.59E-01	3.19E-01	Not Modelled	8.08E-02	1.47E-04	1.22E-01	1.59E-02	3.19E-03	3.19E-10	1.59E-03	3.81E-05	2.81E-05	7.81E-05	2.57E-04	1.52E-03	2.43E-05	5.49E-04	2.79E-02	2.58E-03	3.32E-02
2733	NG_1429	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.307	1.50E-01	2.99E-01	Not Modelled	7.60E-02	1.38E-04	1.14E-01	1.50E-02	2.99E-03	2.99E-10	1.50E-03	3.58E-05	2.64E-05	7.33E-05	2.41E-04	1.43E-03	2.28E-05	5.16E-04	2.62E-02	2.43E-03	3.12E-02
2734	NG_1430	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.307	1.38E-01	2.77E-01	Not Modelled	7.04E-02	1.28E-04	1.04E-01	1.38E-02	2.77E-03	2.77E-10	1.39E-03	3.31E-05	2.44E-05	6.79E-05	2.24E-04	1.32E-03	2.11E-05	4.77E-04	2.42E-02	2.25E-03	2.89E-02
2735	NG_1431	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.307	1.28E-01	2.56E-01	Not Modelled	6.49E-02	1.18E-04	9.50E-02	1.28E-02	2.56E-03	2.56E-10	1.28E-03	3.06E-05	2.25E-05	6.27E-05	2.06E-04	1.22E-03	1.95E-05	4.41E-04	2.24E-02	2.07E-03	2.67E-02
2736	NG_1432	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.307	1.21E-01	2.42E-01	Not Modelled	6.15E-02	1.12E-04	8.91E-02	1.21E-02	2.42E-03	2.42E-10	1.21E-03	2.90E-05	2.13E-05	5.94E-05	1.96E-04	1.16E-03	1.85E-05	4.18E-04	2.12E-02	1.96E-03	2.53E-02
2737	NG_1433	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.307	1.17E-01	2.33E-01	Not Modelled	5.92E-02	1.08E-04	8.51E-02	1.17E-02	2.33E-03	2.33E-10	1.17E-03	2.79E-05	2.06E-05	5.72E-05	1.88E-04	1.11E-03	1.78E-05	4.02E-04	2.04E-02	1.89E-03	2.43E-02
2738	NG_1434	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.307	1.12E-01	2.24E-01	Not Modelled	5.66E-02	1.03E-04	8.07E-02	1.12E-02	2.24E-03	2.24E-10	1.12E-03	2.68E-05	1.97E-05	5.48E-05	1.81E-04	1.07E-03	1.71E-05	3.86E-04	1.96E-02	1.81E-03	2.33E-02
2739	NG_1435	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.307	1.06E-01	2.12E-01	Not Modelled	5.32E-02	9.79E-05	7.51E-02	1.06E-02	2.12E-03	2.12E-10	1.06E-03	2.53E-05	1.86E-05	5.19E-05	1.71E-04	1.01E-03	1.62E-05	3.65E-04	1.85E-02	1.72E-03	2.21E-02
2740	NG_1436	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.357	1.14E-01	2.29E-01	Not Modelled	7.02E-02	1.06E-04	9.79E-02	1.14E-02	2.29E-03	2.29E-10	1.14E-03	2.73E-05	2.01E-05	5.60E-05	1.85E-04	1.09E-03	1.74E-05	3.94E-04	2.00E-02	1.85E-03	2.39E-02
2741	NG_1437	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.357	1.20E-01	2.40E-01	Not Modelled	7.34E-02	1.11E-04	1.03E-01	1.20E-02	2.40E-03	2.40E-10	1.20E-03	2.87E-05	2.11E-05	5.88E-05	1.94E-04	1.14E-03	1.83E-05	4.13E-04	2.10E-02	1.94E-03	2.50E-02
2742	NG_1438	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.357	1.27E-01	2.53E-01	Not Modelled	7.71E-02	1.17E-04	1.08E-01	1.27E-02	2.53E-03	2.53E-10	1.27E-03	3.03E-05	2.23E-05	6.21E-05	2.04E-04	1.21E-03	1.93E-05	4.36E-04	2.22E-02	2.05E-03	2.64E-02
2743	NG_1439	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.357	1.34E-01	2.69E-01	Not Modelled	8.14E-02	1.24E-04	1.15E-01	1.35E-02	2.69E-03	2.69E-10	1.35E-03	3.22E-05	2.37E-05	6.60E-05	2.17E-04	1.28E-03	2.05E-05	4.64E-04	2.35E-02	2.18E-03	2.81E-02
2744	NG_1440	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.357	1.44E-01	2.89E-01	Not Modelled	8.67E-02	1.34E-04	1.23E-01	1.44E-02	2.89E-03	2.89E-10	1.44E-03	3.45E-05	2.54E-05	7.08E-05	2.33E-04	1.38E-03	2.20E-05	4.98E-04	2.53E-02	2.34E-03	3.01E-02
2745	NG_1441	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.357	1.57E-01	3.14E-01	Not Modelled	9.34E-02	1.45E-04	1.33E-01	1.57E-02	3.14E-03	3.14E-10	1.57E-03	3.75E-05	2.77E-05	7.69E-05	2.53E-04	1.50E-03	2.40E-05	5.41E-04	2.75E-02	2.55E-03	3.27E-02
2746	NG_1442	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.357	1.74E-01	3.47E-01	Not Modelled	1.02E-01	1.61E-04	1.47E-01	1.74E-02	3.47E-03	3.47E-10	1.74E-03	4.15E-05	3.06E-05	8.51E-05	2.80E-04	1.66E-03	2.65E-05	5.98E-04	3.04E-02	2.82E-03	3.62E-02
2747	NG_1443	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.357	1.95E-01	3.90E-01	Not Modelled	1.14E-01	1.80E-04	1.65E-01	1.95E-02	3.89E-03	3.89E-10	1.95E-03	4.66E-05	3.43E-05	9.55E-05	3.14E-04	1.86E-03	2.97E-05	6.71E-04	3.41E-02	3.16E-03	4.06E-02
2748	NG_1444	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.357	2.17E-01	4.34E-01	Not Modelled	1.26E-01	2.01E-04	1.84E-01	2.17E-02	4.34E-03	4.34E-10	2.17E-03	5.19E-05	3.82E-05	1.06E-04	3.50E-04	2.07E-03	3.31E-05	7.48E-04	3.80E-02	3.52E-03	4.53E-02
2749	NG_1445	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.357	2.39E-01	4.78E-01	Not Modelled	1.38E-01	2.21E-04	2.02E-01	2.39E-02	4.78E-03	4.78E-10	2.39E-03	5.71E-05	4.21E-05	1.17E-04	3.86E-04	2.28E-03	3.65E-05	8.23E-04	4.18E-02	3.87E-03	4.98E-02
2750	NG_1446	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.357	2.64E-01	5.28E-01	Not Modelled	1.51E-01	2.44E-04	2.25E-01	2.64E-02	5.28E-03	5.28E-10	2.64E-03	6.31E-05	4.65E-05	1.29E-04	4.26E-04	2.52E-03	4.03E-05	9.09E-04	4.62E-02	4.28E-03	5.51E-02
2751	NG_1447	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.357	2.91E-01	5.82E-01	Not Modelled	1.66E-01	2.69E-04	2.50E-01	2.91E-02	5.81E-03	5.81E-10	2.91E-03	6.95E-05	5.12E-05	1.43E-04	4.69E-04	2.78E-03	4.44E-05	1.00E-03	5.09E-02	4.72E-03	6.07E-02
2752	NG_1448	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.357	3.14E-01	6.28E-01	Not Modelled	1.80E-01	2.90E-04	2.72E-01	3.14E-02	6.27E-03	6.27E-10	3.14E-03	7.50E-05	5.53E-05	1.54E-04	5.06E-04	2.99E-03	4.79E-05	1.08E-03	5.49E-02	5.09E-03	6.55E-02
2753	NG_1449	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.357	3.27E-01	6.54E-01	Not Modelled	1.88E-01	3.02E-04	2.87E-01	3.27E-02	6.54E-03	6.54E-10	3.27E-03	7.82E-05	5.76E-05	1.60E-04	5.28E-04	3.12E-03	4.99E-05	1.13E-03	5.72E-02	5.30E-03	6.82E-02
2754	NG_1450	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.357	3.30E-01	6.60E-01	Not Modelled	1.90E-01	3.05E-04	2.92E-01	3.30E-02	6.59E-03	6.59E-10	3.30E-03	7.89E-05	5.81E-05	1.62E-04	5.32E-04	3.15E-03	5.03E-05	1.14E-03	5.77E-02	5.35E-03	6.88E-02
2755	NG_1451	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.357	3.25E-01	6.49E-01	Not Modelled	1.87E-01	3.00E-04	2.89E-01	3.25E-02	6.49E-03	6.49E-10	3.25E-03	7.77E-05	5.72E-05	1.59E-04	5.24E-04	3.10E-03	4.96E-05	1.12E-03	5.68E-02	5.27E-03	6.77E-02
2756	NG_1452	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.357	3.15E-01	6.31E-01	Not Modelled	1.79E-01	2.92E-04	2.79E-01	3.15E-02	6.30E-03	6.30E-10	3.15E-03	7.54E-05	5.56E-05	1.55E-04	5.09E-04	3.01E-03	4.81E-05	1.09E-03	5.52E-02	5.11E-03	6.58E-02
2757	NG_1453	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.357	3.03E-01	6.07E-01	Not Modelled	1.69E-01	2.81E-04	2.66E-01	3.03E-02	6.06E-03	6.06E-10	3.03E-03	7.25E-05	5.34E-05	1.49E-04	4.90E-04	2.89E-03	4.63E-05	1.05E-03	5.31E-02	4.92E-03	6.33E-02
2758	NG_1454	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.357	2.84E-01	5.69E-01	Not Modelled	1.54E-01	2.63E-04	2.43E-01	2.84E-02	5.69E-03	5.69E-10	2.85E-03	6.81E-05	5.01E-05	1.40E-04	4.59E-04	2.72E-03	4.34E-05	9.81E-04	4.98E-02	4.61E-03	5.94E-02
2759	NG_1455	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.357	2.61E-01	5.23E-01	Not Modelled	1.36E-01	2.42E-04	2.16E-01	2.61E-02	5.23E-03	5.23E-10	2.61E-03	6.25E-05	4.61E-05	1.28E-04	4.22E-04	2.50E-03	3.99E-05	9.01E-04	4.58E-02	4.24E-03	5.46E-02
2760	NG_1456	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.357	2.41E-01	4.82E-01	Not Modelled	1.22E-01	2.23E-04	1.93E-01	2.41E-02	4.82E-03	4.82E-10	2.41E-03	5.77E-05	4.25E-05	1.18E-04	3.89E-04	2.30E-03	3.68E-05	8.31E-04	4.22E-02	3.91E-03	5.03E-02
2761	NG_1457	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.357	2.24E-01	4.48E-01	Not Modelled	1.11E-01	2.07E-04	1.76E-01	2.24E-02	4.48E-03	4.48E-10	2.24E-03	5.36E-05	3.95E-05	1.10E-04	3.62E-04	2.14E-03	3.42E-05	7.72E-04	3.92E-02	3.63E-03	4.67E-02
2762	NG_1458	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.357	2.09E-01	4.19E-01	Not Modelled	1.02E-01	1.94E-04	1.63E-01	2.09E-02	4.19E-03	4.19E-10	2.09E-03	5.01E-05	3.69E-05	1.03E-04	3.38E-04	2.00E-03	3.20E-05	7.22E-04	3.66E-02	3.40E-03	4.37E-02
2763	NG_1459	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.357	1.98E-01	3.97E-01	Not Modelled	9.65E-02	1.84E-04	1.54E-01	1.98E-02	3.97E-03	3.97E-10	1.98E-03	4.75E-05	3.50E-05	9.73E-05	3.20E-04	1.89E-03	3.03E-05	6.84E-04	3.47E-02	3.22E-03	4.14E-02
2764	NG_1460	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.357	1.91E-01	3.83E-01	Not Modelled	9.35E-02	1.77E-04	1.49E-01	1.91E-02	3.83E-03	3.83E-10	1.92E-03	4.58E-05	3.38E-05	9.39E-05	3.09E-04	1.83E-03	2.92E-05	6.60E-04	3.35E-02	3.11E-03	4.00E-02
2765	NG_1461	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.357	1.87E-01	3.74E-01	Not Modelled	9.19E-02	1.73E-04	1.46E-01	1.87E-02	3.74E-03	3.74E-10	1.87E-03	4.48E-05	3.30E-05	9.17E-05	3.02E-04	1.79E-03	2.86E-05	6.45E-04	3.27E-02	3.03E-03	3.90E-02
2766	NG_1462	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.357	1.85E-01	3.71E-01	Not Modelled	9.16E-02	1.72E-04	1.46E-01	1.85E-02	3.71E-03	3.71E-10	1.85E-03	4.44E-05	3.27E-05	9.09E-05	2.99E-04	1.77E-03	2.83E-05	6.39E-04	3.25E-02	3.01E-03	3.87E-02
2767	NG_1463	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.357	1.87E-01	3.74E-01	Not Modelled	9.30E-02	1.73E-04	1.47E-01	1.87E-02	3.74E-03	3.74E-10	1.87E-03	4.47E-05	3.30E-05	9.17E-05	3.02E-04	1.79E-03	2.86E-05	6.45E-04	3.27E-02	3.03E-03	3.90E-02
2768	NG_1464	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.357	1.88E-01	3.76E-01	Not Modelled	9.41E-02	1.74E-04	1.48E-01	1.88E-02	3.76E-03	3.76E-10	1.88E-03	4.50E-05	3.31E-05	9.22E-05	3.04E-04	1.80E-03	2.87E-05	6.48E-04	3.29E-02	3.05E-03	3.92E-02
2769	NG_1465	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.357	1.86E-01	3.72E-01	Not Modelled	9.36E-02	1.72E-04	1.47E-01	1.86E-02	3.72E-03	3.72E-10	1.86E-03	4.45E-05	3.28E-05	9.13E-05	3.01E-04	1.78E-03	2.84E-05	6.42E-04	3.26E-02	3.02E-03	3.89E-02
2770	NG_1466	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.357	1.80E-01	3.59E-01	Not Modelled	9.04E-02	1.66E-04	1.40E-01	1.80E-02	3.59E-03	3.59E-10	1.80E-03	4.30E-05	3.16E-05	8.81E-05	2.90E-04	1.71E-03	2.74E-05	6.19E-04	3.14E-02	2.91E-03	3.75E-02

AQIA DATA - SCENARIO 2 GRID MAX

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**4.73E-09**	**2.37E-02**	**5.66E-04**	**4.17E-04**	**1.16E-03**	**3.82E-03**	**2.26E-02**	**3.61E-04**	**8.15E-03**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2771	NG_1467	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.357	1.71E-01	3.42E-01	Not Modelled	8.61E-02	1.58E-04	1.32E-01	1.71E-02	3.42E-03	3.42E-10	1.71E-03	4.09E-05	3.01E-05	8.38E-05	2.76E-04	1.63E-03	2.61E-05	5.89E-04	2.99E-02	2.77E-03	3.56E-02
2772	NG_1468	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.357	1.62E-01	3.24E-01	Not Modelled	8.19E-02	1.50E-04	1.24E-01	1.62E-02	3.24E-03	3.24E-10	1.62E-03	3.88E-05	2.86E-05	7.95E-05	2.62E-04	1.55E-03	2.48E-05	5.59E-04	2.84E-02	2.63E-03	3.38E-02
2773	NG_1469	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.357	1.54E-01	3.09E-01	Not Modelled	7.82E-02	1.43E-04	1.18E-01	1.54E-02	3.08E-03	3.08E-10	1.54E-03	3.69E-05	2.72E-05	7.56E-05	2.49E-04	1.47E-03	2.36E-05	5.32E-04	2.70E-02	2.50E-03	3.22E-02
2774	NG_1470	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.357	1.45E-01	2.91E-01	Not Modelled	7.38E-02	1.34E-04	1.10E-01	1.45E-02	2.90E-03	2.90E-10	1.45E-03	3.47E-05	2.56E-05	7.12E-05	2.34E-04	1.39E-03	2.22E-05	5.00E-04	2.54E-02	2.36E-03	3.03E-02
2775	NG_1471	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.357	1.36E-01	2.72E-01	Not Modelled	6.94E-02	1.26E-04	1.02E-01	1.36E-02	2.72E-03	2.72E-10	1.36E-03	3.26E-05	2.40E-05	6.68E-05	2.20E-04	1.30E-03	2.08E-05	4.69E-04	2.38E-02	2.21E-03	2.84E-02
2776	NG_1472	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.357	1.27E-01	2.55E-01	Not Modelled	6.51E-02	1.18E-04	9.49E-02	1.27E-02	2.55E-03	2.55E-10	1.27E-03	3.05E-05	2.24E-05	6.25E-05	2.06E-04	1.22E-03	1.94E-05	4.39E-04	2.23E-02	2.07E-03	2.66E-02
2777	NG_1473	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.357	1.20E-01	2.41E-01	Not Modelled	6.16E-02	1.11E-04	8.90E-02	1.20E-02	2.41E-03	2.41E-10	1.20E-03	2.88E-05	2.12E-05	5.91E-05	1.95E-04	1.15E-03	1.84E-05	4.15E-04	2.11E-02	1.95E-03	2.51E-02
2778	NG_1474	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.357	1.15E-01	2.31E-01	Not Modelled	5.90E-02	1.07E-04	8.45E-02	1.15E-02	2.30E-03	2.30E-10	1.15E-03	2.76E-05	2.03E-05	5.65E-05	1.86E-04	1.10E-03	1.76E-05	3.97E-04	2.02E-02	1.87E-03	2.40E-02
2779	NG_1475	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.357	1.10E-01	2.20E-01	Not Modelled	5.62E-02	1.02E-04	7.98E-02	1.10E-02	2.20E-03	2.20E-10	1.10E-03	2.63E-05	1.94E-05	5.40E-05	1.78E-04	1.05E-03	1.68E-05	3.79E-04	1.93E-02	1.78E-03	2.30E-02
2780	NG_1476	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.357	1.04E-01	2.09E-01	Not Modelled	5.32E-02	9.66E-05	7.47E-02	1.04E-02	2.09E-03	2.09E-10	1.04E-03	2.50E-05	1.84E-05	5.12E-05	1.69E-04	9.97E-04	1.59E-05	3.60E-04	1.83E-02	1.69E-03	2.18E-02
2781	NG_1477	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.407	1.11E-01	2.22E-01	Not Modelled	6.85E-02	1.03E-04	9.41E-02	1.11E-02	2.22E-03	2.22E-10	1.11E-03	2.65E-05	1.95E-05	5.44E-05	1.79E-04	1.06E-03	1.69E-05	3.82E-04	1.94E-02	1.80E-03	2.31E-02
2782	NG_1478	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.407	1.17E-01	2.34E-01	Not Modelled	7.18E-02	1.08E-04	9.90E-02	1.17E-02	2.34E-03	2.34E-10	1.17E-03	2.80E-05	2.06E-05	5.73E-05	1.89E-04	1.12E-03	1.78E-05	4.03E-04	2.05E-02	1.90E-03	2.44E-02
2783	NG_1479	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.407	1.24E-01	2.48E-01	Not Modelled	7.56E-02	1.15E-04	1.05E-01	1.24E-02	2.48E-03	2.48E-10	1.24E-03	2.96E-05	2.18E-05	6.08E-05	2.00E-04	1.18E-03	1.89E-05	4.27E-04	2.17E-02	2.01E-03	2.59E-02
2784	NG_1480	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.407	1.33E-01	2.67E-01	Not Modelled	8.07E-02	1.23E-04	1.12E-01	1.33E-02	2.67E-03	2.67E-10	1.33E-03	3.19E-05	2.35E-05	6.54E-05	2.15E-04	1.27E-03	2.04E-05	4.60E-04	2.33E-02	2.16E-03	2.78E-02
2785	NG_1481	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.407	1.44E-01	2.88E-01	Not Modelled	8.64E-02	1.33E-04	1.21E-01	1.44E-02	2.88E-03	2.88E-10	1.44E-03	3.44E-05	2.54E-05	7.06E-05	2.33E-04	1.37E-03	2.20E-05	4.96E-04	2.52E-02	2.34E-03	3.01E-02
2786	NG_1482	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.407	1.57E-01	3.15E-01	Not Modelled	9.35E-02	1.46E-04	1.32E-01	1.57E-02	3.14E-03	3.14E-10	1.57E-03	3.76E-05	2.77E-05	7.71E-05	2.54E-04	1.50E-03	2.40E-05	5.42E-04	2.75E-02	2.55E-03	3.28E-02
2787	NG_1483	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.407	1.73E-01	3.46E-01	Not Modelled	1.02E-01	1.60E-04	1.44E-01	1.73E-02	3.45E-03	3.45E-10	1.73E-03	4.13E-05	3.04E-05	8.47E-05	2.79E-04	1.65E-03	2.64E-05	5.95E-04	3.02E-02	2.80E-03	3.61E-02
2788	NG_1484	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.407	1.92E-01	3.85E-01	Not Modelled	1.12E-01	1.78E-04	1.61E-01	1.92E-02	3.85E-03	3.85E-10	1.92E-03	4.60E-05	3.39E-05	9.43E-05	3.11E-04	1.84E-03	2.94E-05	6.63E-04	3.37E-02	3.12E-03	4.01E-02
2789	NG_1485	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.407	2.13E-01	4.26E-01	Not Modelled	1.23E-01	1.97E-04	1.78E-01	2.13E-02	4.25E-03	4.25E-10	2.13E-03	5.09E-05	3.75E-05	1.04E-04	3.44E-04	2.03E-03	3.25E-05	7.33E-04	3.73E-02	3.45E-03	4.44E-02
2790	NG_1486	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.407	2.35E-01	4.71E-01	Not Modelled	1.36E-01	2.18E-04	1.97E-01	2.35E-02	4.70E-03	4.70E-10	2.35E-03	5.63E-05	4.14E-05	1.15E-04	3.80E-04	2.24E-03	3.59E-05	8.11E-04	4.12E-02	3.81E-03	4.91E-02
2791	NG_1487	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.407	2.55E-01	5.09E-01	Not Modelled	1.46E-01	2.36E-04	2.14E-01	2.55E-02	5.09E-03	5.09E-10	2.55E-03	6.09E-05	4.49E-05	1.25E-04	4.11E-04	2.43E-03	3.89E-05	8.77E-04	4.46E-02	4.13E-03	5.31E-02
2792	NG_1488	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.407	2.73E-01	5.46E-01	Not Modelled	1.56E-01	2.53E-04	2.32E-01	2.73E-02	5.46E-03	5.46E-10	2.73E-03	6.53E-05	4.81E-05	1.34E-04	4.41E-04	2.61E-03	4.17E-05	9.41E-04	4.78E-02	4.43E-03	5.70E-02
2793	NG_1489	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.407	2.87E-01	5.74E-01	Not Modelled	1.65E-01	2.65E-04	2.46E-01	2.87E-02	5.73E-03	5.73E-10	2.87E-03	6.86E-05	5.06E-05	1.41E-04	4.63E-04	2.74E-03	4.38E-05	9.89E-04	5.02E-02	4.65E-03	5.99E-02
2794	NG_1490	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.407	2.95E-01	5.91E-01	Not Modelled	1.70E-01	2.73E-04	2.56E-01	2.95E-02	5.90E-03	5.90E-10	2.95E-03	7.06E-05	5.20E-05	1.45E-04	4.77E-04	2.82E-03	4.51E-05	1.02E-03	5.17E-02	4.79E-03	6.16E-02
2795	NG_1491	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.407	2.96E-01	5.92E-01	Not Modelled	1.70E-01	2.74E-04	2.58E-01	2.96E-02	5.91E-03	5.91E-10	2.96E-03	7.07E-05	5.21E-05	1.45E-04	4.78E-04	2.82E-03	4.52E-05	1.02E-03	5.18E-02	4.80E-03	6.17E-02
2796	NG_1492	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.407	2.90E-01	5.80E-01	Not Modelled	1.66E-01	2.68E-04	2.54E-01	2.90E-02	5.79E-03	5.79E-10	2.90E-03	6.93E-05	5.11E-05	1.42E-04	4.68E-04	2.77E-03	4.42E-05	9.99E-04	5.07E-02	4.70E-03	6.05E-02
2797	NG_1493	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.407	2.81E-01	5.62E-01	Not Modelled	1.59E-01	2.60E-04	2.45E-01	2.81E-02	5.62E-03	5.62E-10	2.81E-03	6.72E-05	4.95E-05	1.38E-04	4.53E-04	2.68E-03	4.29E-05	9.68E-04	4.92E-02	4.56E-03	5.86E-02
2798	NG_1494	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.407	2.68E-01	5.36E-01	Not Modelled	1.49E-01	2.48E-04	2.30E-01	2.68E-02	5.35E-03	5.35E-10	2.68E-03	6.40E-05	4.72E-05	1.31E-04	4.32E-04	2.56E-03	4.09E-05	9.23E-04	4.69E-02	4.34E-03	5.59E-02
2799	NG_1495	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.407	2.54E-01	5.09E-01	Not Modelled	1.37E-01	2.35E-04	2.14E-01	2.54E-02	5.08E-03	5.08E-10	2.54E-03	6.08E-05	4.48E-05	1.25E-04	4.10E-04	2.43E-03	3.88E-05	8.76E-04	4.45E-02	4.12E-03	5.30E-02
2800	NG_1496	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.407	2.37E-01	4.75E-01	Not Modelled	1.24E-01	2.20E-04	1.94E-01	2.37E-02	4.75E-03	4.75E-10	2.37E-03	5.68E-05	4.18E-05	1.16E-04	3.83E-04	2.27E-03	3.62E-05	8.18E-04	4.16E-02	3.85E-03	4.95E-02
2801	NG_1497	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.407	2.21E-01	4.43E-01	Not Modelled	1.13E-01	2.05E-04	1.77E-01	2.21E-02	4.42E-03	4.42E-10	2.21E-03	5.29E-05	3.90E-05	1.08E-04	3.57E-04	2.11E-03	3.38E-05	7.63E-04	3.87E-02	3.59E-03	4.62E-02
2802	NG_1498	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.407	2.06E-01	4.12E-01	Not Modelled	1.02E-01	1.90E-04	1.61E-01	2.06E-02	4.11E-03	4.11E-10	2.06E-03	4.92E-05	3.63E-05	1.01E-04	3.32E-04	1.96E-03	3.14E-05	7.09E-04	3.60E-02	3.34E-03	4.29E-02
2803	NG_1499	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.407	1.93E-01	3.87E-01	Not Modelled	9.50E-02	1.79E-04	1.50E-01	1.93E-02	3.86E-03	3.86E-10	1.93E-03	4.62E-05	3.41E-05	9.48E-05	3.12E-04	1.85E-03	2.95E-05	6.66E-04	3.38E-02	3.14E-03	4.03E-02
2804	NG_1500	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.407	1.82E-01	3.65E-01	Not Modelled	8.92E-02	1.69E-04	1.41E-01	1.82E-02	3.65E-03	3.65E-10	1.82E-03	4.36E-05	3.22E-05	8.95E-05	2.95E-04	1.74E-03	2.79E-05	6.29E-04	3.19E-02	2.96E-03	3.81E-02
2805	NG_1501	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.407	1.75E-01	3.49E-01	Not Modelled	8.54E-02	1.62E-04	1.35E-01	1.75E-02	3.49E-03	3.49E-10	1.75E-03	4.18E-05	3.08E-05	8.56E-05	2.82E-04	1.67E-03	2.67E-05	6.02E-04	3.06E-02	2.83E-03	3.64E-02
2806	NG_1502	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.407	1.71E-01	3.42E-01	Not Modelled	8.40E-02	1.58E-04	1.32E-01	1.71E-02	3.41E-03	3.41E-10	1.71E-03	4.08E-05	3.01E-05	8.37E-05	2.76E-04	1.63E-03	2.61E-05	5.89E-04	2.99E-02	2.77E-03	3.56E-02
2807	NG_1503	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.407	1.69E-01	3.38E-01	Not Modelled	8.36E-02	1.56E-04	1.31E-01	1.69E-02	3.38E-03	3.38E-10	1.69E-03	4.05E-05	2.98E-05	8.29E-05	2.73E-04	1.61E-03	2.58E-05	5.83E-04	2.96E-02	2.74E-03	3.53E-02
2808	NG_1504	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.407	1.70E-01	3.40E-01	Not Modelled	8.44E-02	1.57E-04	1.32E-01	1.70E-02	3.40E-03	3.40E-10	1.70E-03	4.06E-05	2.99E-05	8.33E-05	2.74E-04	1.62E-03	2.59E-05	5.85E-04	2.97E-02	2.75E-03	3.54E-02
2809	NG_1505	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.407	1.70E-01	3.40E-01	Not Modelled	8.50E-02	1.57E-04	1.32E-01	1.70E-02	3.40E-03	3.40E-10	1.70E-03	4.07E-05	3.00E-05	8.34E-05	2.75E-04	1.62E-03	2.60E-05	5.87E-04	2.98E-02	2.76E-03	3.55E-02
2810	NG_1506	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.407	1.69E-01	3.39E-01	Not Modelled	8.49E-02	1.57E-04	1.31E-01	1.69E-02	3.38E-03	3.38E-10	1.69E-03	4.05E-05	2.98E-05	8.30E-05	2.73E-04	1.62E-03	2.58E-05	5.83E-04	2.96E-02	2.75E-03	3.53E-02
2811	NG_1507	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.407	1.66E-01	3.33E-01	Not Modelled	8.37E-02	1.54E-04	1.29E-01	1.66E-02	3.33E-03	3.33E-10	1.67E-03	3.98E-05	2.93E-05	8.16E-05	2.69E-04	1.59E-03	2.54E-05	5.74E-04	2.91E-02	2.70E-03	3.47E-02
2812	NG_1508	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.407	1.63E-01	3.25E-01	Not Modelled	8.19E-02	1.50E-04	1.25E-01	1.63E-02	3.25E-03	3.25E-10	1.63E-03	3.89E-05	2.87E-05	7.97E-05	2.63E-04	1.55E-03	2.48E-05	5.60E-04	2.85E-02	2.64E-03	3.39E-02
2813	NG_1509	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.407	1.56E-01	3.13E-01	Not Modelled	7.90E-02	1.45E-04	1.19E-01	1.56E-02	3.13E-03	3.13E-10	1.56E-03	3.74E-05	2.76E-05	7.67E-05	2.52E-04	1.49E-03	2.39E-05	5.39E-04	2.74E-02	2.54E-03	3.26E-02
2814	NG_1510	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.407	1.48E-01	2.97E-01	Not Modelled	7.52E-02	1.37E-04	1.12E-01	1.48E-02	2.97E-03	2.97E-10	1.49E-03	3.55E-05	2.62E-05	7.28E-05	2.40E-04	1.42E-03	2.27E-05	5.12E-04	2.60E-02	2.41E-03	3.10E-02
2815	NG_1511	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.407	1.41E-01	2.83E-01	Not Modelled	7.21E-02	1.31E-04	1.07E-01	1.42E-02	2.83E-03	2.83E-10	1.42E-03	3.39E-05	2.49E-05	6.94E-05	2.29E-04	1.35E-03	2.16E-05	4.88E-04	2.48E-02	2.30E-03	2.95E-02
2816	NG_1512	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.407	1.35E-01	2.70E-01	Not Modelled	6.91E-02	1.25E-04	1.01E-01	1.35E-02	2.70E-03	2.70E-10	1.35E-03	3.23E-05	2.38E-05	6.62E-05	2.18E-04	1.29E-03	2.06E-05	4.65E-04	2.36E-02	2.19E-03	2.82E-02
2817	NG_1513	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.407	1.29E-01	2.58E-01	Not Modelled	6.63E-02	1.19E-04	9.63E-02	1.29E-02	2.58E-03	2.58E-10	1.29E-03	3.08E-05	2.27E-05	6.32E-05	2.08E-04	1.23E-03	1.97E-05	4.44E-04	2.26E-02	2.09E-03	2.69E-02
2818	NG_1514	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.407	1.22E-01	2.44E-01	Not Modelled	6.29E-02	1.13E-04	9.07E-02	1.22E-02	2.44E-03	2.44E-10	1.22E-03	2.92E-05	2.15E-05	5.99E-05	1.97E-04	1.17E-03	1.86E-05	4.21E-04	2.14E-02	1.98E-03	2.55E-02
2819	NG_1515	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.407	1.16E-01	2.32E-01	Not Modelled	5.98E-02	1.07E-04	8.53E-02	1.16E-02	2.32E-03	2.32E-10	1.16E-03	2.77E-05	2.04E-05	5.68E-05	1.87E-04	1.11E-03	1.77E-05	3.99E-04	2.03E-02	1.88E-03	2.42E-02
2820	NG_1516	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.407	1.09E-01	2.19E-01	Not Modelled	5.65E-02	1.01E-04	7.99E-02	1.10E-02	2.19E-03	2.19E-10	1.10E-03	2.62E-05	1.93E-05	5.37E-05	1.77E-04	1.05E-03	1.67E-05	3.78E-04	1.92E-02	1.78E-03	2.29E-02
2821	NG_1517	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.407	1.05E-01	2.09E-01	Not Modelled	5.39E-02	9.67E-05	7.55E-02	1.05E-02	2.09E-03	2.09E-10	1.05E-03	2.50E-05	1.84E-05	5.13E-05	1.69E-04	9.98E-04	1.60E-05	3.60E-04	1.83E-02	1.70E-03	2.18E-02
2822	NG_1518	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.457	1.08E-01	2.17E-01	Not Modelled	6.70E-02	1.00E-04	9.08E-02	1.08E-02	2.17E-03	2.17E-10	1.08E-03	2.59E-05	1.91E-05	5.31E-05	1.75E-04	1.03E-03	1.65E-05	3.73E-04	1.90E-02	1.76E-03	2.26E-02
2823	NG_1519	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.457	1.15E-01	2.30E-01	Not Modelled	7.05E-02	1.06E-04	9.58E-02	1.15E-02	2.29E-03	2.29E-10	1.15E-03	2.74E-05	2.02E-05	5.62E-05	1.85E-04	1.09E-03	1.75E-05	3.95E-04	2.01E-02	1.86E-03	2.39E-02
2824	NG_1520	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.457	1.22E-01	2.44E-01	Not Modelled	7.43E-02	1.13E-04	1.01E-01	1.22E-02	2.44E-03	2.44E-10	1.22E-03	2.92E-05	2.15E-05	5.98E-05	1.97E-04	1.17E-03	1.86E-05	4.21E-04	2.14E-02	1.98E-03	2.55E-02
2825	NG_1521	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.457	1.32E-01	2.64E-01	Not Modelled	7.96E-02	1.22E-04	1.09E-01	1.32E-02	2.64E-03	2.64E-10	1.32E-03	3.16E-05	2.33E-05	6.47E-05	2.13E-04	1.26E-03	2.01E-05	4.55E-04	2.31E-02	2.14E-03	2.75E-02
2826	NG_1522	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.457	1.44E-01	2.88E-01	Not Modelled	8.60E-02	1.33E-04	1.19E-01	1.44E-02	2.87E-03	2.87E-10	1.44E-03	3.44E-05	2.53E-05	7.05E-05	2.32E-04	1.37E-03	2.19E-05	4.95E-04	2.52E-02	2.33E-03	3.00E-02
2827	NG_1523	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.457	1.56E-01	3.13E-01	Not Modelled	9.27E-02	1.45E-04	1.29E-01	1.56E-02	3.13E-03	3.13E-10	1.56E-03	3.74E-05	2.76E-05	7.67E-05	2.52E-04	1.49E-03	2.39E-05	5.39E-04	2.74E-02	2.54E-03	3.26E-02
2828	NG_1524	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.457	1.71E-01	3.42E-01	Not Modelled	1.00E-01	1.58E-04	1.41E-01	1.71E-02	3.42E-03	3.42E-10	1.71E-03	4.09E-05	3.01E-05	8.38E-05	2.76E-04	1.63E-03	2.61E-05	5.89E-04	2.99E-02	2.77E-03	3.57E-02
2829	NG_1525	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.457	1.90E-01	3.80E-01	Not Modelled	1.11E-01	1.76E-04	1.57E-01	1.90E-02	3.79E-03	3.79E-10	1.90E-03	4.54E-05	3.34E-05	9.31E-05	3.06E-04	1.81E-03	2.90E-05	6.54E-04	3.32E-02	3.08E-03	3.96E-02
2830	NG_1526	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.457	2.10E-01	4.21E-01	Not Modelled	1.22E-01	1.95E-04	1.74E-01	2.10E-02	4.20E-03	4.20E-10	2.10E-03	5.03E-05	3.71E-05	1.03E-04	3.39E-04	2.01E-03	3.21E-05	7.25E-04	3.68E-02	3.41E-03	4.39E-02
2831	NG_1527	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.457	2.29E-01	4.59E-01	Not Modelled	1.32E-01	2.12E-04	1.91E-01	2.29E-02	4.59E-03	4.59E-10	2.30E-03	5.49E-05	4.04E-05	1.13E-04	3.71E-04	2.19E-03	3.50E-05	7.91E-04	4.02E-02	3.72E-03	4.79E-02
2832	NG_1528	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.457	2.45E-01	4.91E-01	Not Modelled	1.41E-01	2.27E-04	2.05E-01	2.45E-02	4.91E-03	4.91E-10	2.46E-03	5.87E-05	4.33E-05	1.20E-04	3.96E-04	2.34E-03	3.75E-05	8.46E-04	4.30E-02	3.98E-03	5.12E-02
2833	NG_1529	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.457	2.58E-01	5.17E-01	Not Modelled	1.48E-01	2.39E-04	2.17E-01	2.58E-02	5.17E-03	5.17E-10	2.59E-03	6.18E-05	4.56E-05	1.27E-04	4.17E-04	2.47E-03	3.95E-05	8.91E-04	4.53E-02	4.19E-03	5.39E-02
2834	NG_1530	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.457	2.67E-01	5.34E-01	Not Modelled	1.53E-01	2.47E-04	2.26E-01	2.67E-02	5.33E-03	5.33E-10	2.67E-03	6.38E-05	4.70E-05	1.31E-04	4.31E-04	2.55E-03	4.07E-05	9.19E-04	4.67E-02	4.33E-03	5.57E-02
2835	NG_1531	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.457	2.70E-01	5.41E-01	Not Modelled	1.56E-01	2.50E-04	2.32E-01	2.70E-02	5.41E-03	5.41E-10	2.70E-03	6.47E-05	4.77E-05	1.33E-04	4.37E-04	2.58E-03	4.13E-05	9.32E-04	4.73E-02	4.39E-03	5.64E-02
2836	NG_1532	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.457	2.69E-01	5.39E-01	Not Modelled	1.55E-01	2.49E-04	2.33E-01	2.69E-02	5.39E-03	5.39E-10	2.70E-03	6.45E-05	4.75E-05	1.32E-04	4.35E-04	2.57E-03	4.11E-05	9.29E-04	4.72E-02	4.37E-03	5.62E-02
2837	NG_1533	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.457	2.62E-01	5.25E-01	Not Modelled	1.50E-01	2.43E-04	2.27E-01	2.62E-02	5.25E-03	5.25E-10	2.62E-03	6.28E-05	4.63E-05	1.29E-04	4.24E-04	2.51E-03	4.01E-05	9.05E-04	4.59E-02	4.26E-03	5.48E-02
2838	NG_1534	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.457	2.52E-01	5.05E-01	Not Modelled	1.43E-01	2.34E-04	2.17E-01	2.52E-02	5.05E-03	5.05E-10	2.53E-03	6.04E-05	4.45E-05	1.24E-04	4.08E-04	2.41E-03	3.85E-05	8.70E-04	4.42E-02	4.10E-03	5.27E-02
2839	NG_1535	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.457	2.42E-01	4.84E-01	Not Modelled	1.34E-01	2.24E-04	2.05E-01	2.42E-02	4.84E-03	4.84E-10	2.42E-03	5.79E-05	4.27E-05	1.19E-04	3.91E-04	2.31E-03	3.70E-05	8.35E-04	4.24E-02	3.93E-03	5.05E-02
2840	NG_1536	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.457	2.30E-01	4.61E-01	Not Modelled	1.25E-01	2.13E-04	1.91E-01	2.30E-02	4.61E-03	4.61E-10	2.30E-03	5.51E-05	4.06E-05	1.13E-04	3.72E-04	2.20E-03	3.52E-05	7.94E-04	4.03E-02	3.74E-03	4.81E-02
2841	NG_1537	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.457	2.17E-01	4.34E-01	Not Modelled	1.14E-01	2.01E-04	1.76E-01	2.17E-02	4.34E-03	4.34E-10	2.17E-03	5.19E-05	3.82E-05	1.06E-04	3.50E-04	2.07E-03	3.31E-05	7.48E-04	3.80E-02	3.52E-03	4.53E-02
2842	NG_1538	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.457	2.03E-01	4.06E-01	Not Modelled	1.04E-01	1.88E-04	1.61E-01	2.03E-02	4.05E-03	4.05E-10	2.03E-03	4.85E-05	3.57E-05	9.94E-05	3.27E-04	1.94E-03	3.10E-05	6.99E-04	3.55E-02	3.29E-03	4.23E-02
2843	NG_1539	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.457	1.90E-01	3.80E-01	Not Modelled	9.52E-02	1.76E-04	1.48E-01	1.90E-02	3.80E-03	3.80E-10	1.90E-03	4.55E-05	3.35E-05	9.32E-05	3.07E-04	1.81E-03	2.90E-05	6.55E-04	3.33E-02	3.08E-03	3.97E-02
2844	NG_1540	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.457	1.79E-01	3.58E-01	Not Modelled	8.85E-02	1.66E-04	1.38E-01	1.79E-02	3.58E-03	3.58E-10	1.79E-03	4.28E-05	3.15E-05	8.78E-05	2.89E-04	1.71E-03	2.73E-05	6.17E-04	3.13E-02	2.90E-03	3.73E-02
2845	NG_1541	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.457	1.69E-01	3.39E-01	Not Modelled	8.32E-02	1.57E-04	1.30E-01	1.69E-02	3.38E-03	3.38E-10	1.69E-03	4.05E-05	2.98E-05	8.30E-05	2.73E-04	1.62E-03	2.58E-05	5.83E-04	2.96E-02	2.74E-03	3.53E-02
2846	NG_1542	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.457	1.61E-01	3.23E-01	Not Modelled	7.91E-02	1.49E-04	1.23E-01	1.61E-02	3.22E-03	3.22E-10	1.61E-03	3.86E-05	2.84E-05	7.91E-05	2.60E-04	1.54E-03	2.46E-05	5.56E-04	2.82E-02	2.62E-03	3.36E-02
2847	NG_1543	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.457	1.57E-01	3.13E-01	Not Modelled	7.71E-02	1.45E-04	1.20E-01	1.57E-02	3.13E-03	3.13E-10	1.57E-03	3.75E-05	2.76E-05	7.68E-05	2.53E-04	1.50E-03	2.39E-05	5.40E-04	2.74E-02	2.54E-03	3.27E-02
2848	NG_1544	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.457	1.55E-01	3.11E-01	Not Modelled	7.70E-02	1.44E-04	1.20E-01	1.55E-02	3.11E-03	3.11E-10	1.55E-03	3.72E-05	2.74E-05	7.62E-05	2.51E-04	1.48E-03	2.37E-05	5.36E-04	2.72E-02	2.52E-03	3.24E-02
2849	NG_1545	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.457	1.55E-01	3.11E-01	Not Modelled	7.72E-02	1.44E-04	1.20E-01	1.55E-02	3.10E-03	3.10E-10	1.55E-03	3.71E-05	2.73E-05	7.61E-05	2.51E-04	1.48E-03	2.37E-05	5.35E-04	2.72E-02	2.52E-03	3.24E-02
2850	NG_1546	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.457	1.55E-01	3.10E-01	Not Modelled	7.73E-02	1.43E-04	1.19E-01	1.55E-02	3.10E-03	3.10E-10	1.55E-03	3.71E-05	2.73E-05	7.60E-05	2.50E-04	1.48E-03	2.36E-05	5.34E-04	2.71E-02	2.51E-03	3.23E-02
2851	NG_1547	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.457	1.54E-01	3.09E-01	Not Modelled	7.71E-02	1.43E-04	1.18E-01	1.54E-02	3.08E-03	3.08E-10	1.54E-03	3.69E-05	2.72E-05	7.56E-05	2.49E-04	1.47E-03	2.35E-05	5.32E-04	2.70E-02	2.50E-03	3.22E-02
2852	NG_1548	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.457	1.54E-01	3.09E-01	Not Modelled	7.74E-02	1.43E-04	1.18E-01	1.54E-02	3.08E-03	3.08E-10	1.54E-03	3.69E-05	2.72E-05	7.56E-05	2.49E-04	1.47E-03	2.36E-05	5.32E-04	2.70E-02	2.50E-03	3.22E-02
2853	NG_1549	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.457	1.53E-01	3.06E-01	Not Modelled	7.71E-02	1.42E-04	1.17E-01	1.53E-02	3.06E-03	3.06E-10	1.53E-03	3.66E-05	2.70E-05	7.51E-05	2.47E-04	1.46E-03	2.34E-05	5.28E-04	2.68E-02	2.48E-03	3.20E-02
2854	NG_1550	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.457	1.50E-01	3.00E-01	Not Modelled	7.59E-02	1.39E-04	1.14E-01	1.50E-02	3.00E-03	3.00E-10	1.50E-03	3.59E-05	2.64E-05	7.35E-05	2.42E-04	1.43E-03	2.29E-05	5.17E-04	2.63E-02	2.43E-03	3.13E-02
2855	NG_1551	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.457	1.44E-01	2.88E-01	Not Modelled	7.32E-02	1.33E-04	1.09E-01	1.44E-02	2.88E-03	2.88E-10	1.44E-03	3.45E-05	2.54E-05	7.07E-05	2.33E-04	1.38E-03	2.20E-05	4.97E-04	2.52E-02	2.34E-03	3.01E-02

AQIA DATA - SCENARIO 2 GRID MAX

Annual Average Pollutant Concentration (µg/m3) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**4.73E-09**	**2.37E-02**	**5.66E-04**	**4.17E-04**	**1.16E-03**	**3.82E-03**	**2.26E-02**	**3.61E-04**	**8.15E-03**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2856	NG_1552	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.457	1.38E-01	2.77E-01	Not Modelled	7.05E-02	1.28E-04	1.04E-01	1.38E-02	2.76E-03	2.76E-10	1.38E-03	3.31E-05	2.44E-05	6.78E-05	2.23E-04	1.32E-03	2.11E-05	4.77E-04	2.42E-02	2.24E-03	2.89E-02
2857	NG_1553	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.457	1.34E-01	2.67E-01	Not Modelled	6.85E-02	1.24E-04	1.00E-01	1.34E-02	2.67E-03	2.67E-10	1.34E-03	3.20E-05	2.35E-05	6.55E-05	2.16E-04	1.28E-03	2.04E-05	4.61E-04	2.34E-02	2.17E-03	2.79E-02
2858	NG_1554	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.457	1.29E-01	2.58E-01	Not Modelled	6.65E-02	1.19E-04	9.64E-02	1.29E-02	2.58E-03	2.58E-10	1.29E-03	3.09E-05	2.27E-05	6.32E-05	2.08E-04	1.23E-03	1.97E-05	4.45E-04	2.26E-02	2.09E-03	2.69E-02
2859	NG_1555	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.457	1.24E-01	2.47E-01	Not Modelled	6.40E-02	1.14E-04	9.20E-02	1.24E-02	2.47E-03	2.47E-10	1.24E-03	2.96E-05	2.18E-05	6.06E-05	2.00E-04	1.18E-03	1.89E-05	4.26E-04	2.16E-02	2.01E-03	2.58E-02
2860	NG_1556	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.457	1.16E-01	2.33E-01	Not Modelled	6.04E-02	1.08E-04	8.60E-02	1.16E-02	2.33E-03	2.33E-10	1.16E-03	2.79E-05	2.05E-05	5.71E-05	1.88E-04	1.11E-03	1.78E-05	4.01E-04	2.04E-02	1.89E-03	2.43E-02
2861	NG_1557	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.457	1.10E-01	2.20E-01	Not Modelled	5.70E-02	1.02E-04	8.03E-02	1.10E-02	2.19E-03	2.19E-10	1.10E-03	2.62E-05	1.93E-05	5.38E-05	1.77E-04	1.05E-03	1.68E-05	3.78E-04	1.92E-02	1.78E-03	2.29E-02
2862	NG_1558	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.457	1.04E-01	2.08E-01	Not Modelled	5.40E-02	9.63E-05	7.54E-02	1.04E-02	2.08E-03	2.08E-10	1.04E-03	2.49E-05	1.83E-05	5.11E-05	1.68E-04	9.94E-04	1.59E-05	3.59E-04	1.82E-02	1.69E-03	2.17E-02
2863	NG_1559	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.507	1.06E-01	2.13E-01	Not Modelled	6.56E-02	9.82E-05	8.77E-02	1.06E-02	2.12E-03	2.12E-10	1.06E-03	2.54E-05	1.87E-05	5.21E-05	1.71E-04	1.01E-03	1.62E-05	3.66E-04	1.86E-02	1.72E-03	2.22E-02
2864	NG_1560	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.507	1.13E-01	2.26E-01	Not Modelled	6.92E-02	1.04E-04	9.29E-02	1.13E-02	2.26E-03	2.26E-10	1.13E-03	2.70E-05	1.99E-05	5.54E-05	1.82E-04	1.08E-03	1.72E-05	3.89E-04	1.98E-02	1.83E-03	2.36E-02
2865	NG_1561	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.507	1.21E-01	2.41E-01	Not Modelled	7.32E-02	1.12E-04	9.88E-02	1.21E-02	2.41E-03	2.41E-10	1.21E-03	2.89E-05	2.13E-05	5.92E-05	1.95E-04	1.15E-03	1.84E-05	4.16E-04	2.11E-02	1.96E-03	2.52E-02
2866	NG_1562	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.507	1.31E-01	2.61E-01	Not Modelled	7.84E-02	1.21E-04	1.07E-01	1.31E-02	2.61E-03	2.61E-10	1.31E-03	3.12E-05	2.30E-05	6.40E-05	2.11E-04	1.25E-03	1.99E-05	4.50E-04	2.29E-02	2.12E-03	2.72E-02
2867	NG_1563	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.507	1.43E-01	2.86E-01	Not Modelled	8.51E-02	1.32E-04	1.16E-01	1.43E-02	2.86E-03	2.86E-10	1.43E-03	3.42E-05	2.52E-05	7.00E-05	2.31E-04	1.36E-03	2.18E-05	4.92E-04	2.50E-02	2.32E-03	2.98E-02
2868	NG_1564	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.507	1.55E-01	3.09E-01	Not Modelled	9.13E-02	1.43E-04	1.26E-01	1.55E-02	3.09E-03	3.09E-10	1.55E-03	3.70E-05	2.72E-05	7.58E-05	2.50E-04	1.48E-03	2.36E-05	5.33E-04	2.71E-02	2.51E-03	3.23E-02
2869	NG_1565	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.507	1.69E-01	3.37E-01	Not Modelled	9.87E-02	1.56E-04	1.37E-01	1.69E-02	3.37E-03	3.37E-10	1.69E-03	4.03E-05	2.97E-05	8.27E-05	2.72E-04	1.61E-03	2.57E-05	5.81E-04	2.95E-02	2.73E-03	3.52E-02
2870	NG_1566	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.507	1.87E-01	3.74E-01	Not Modelled	1.09E-01	1.73E-04	1.53E-01	1.87E-02	3.74E-03	3.74E-10	1.87E-03	4.48E-05	3.30E-05	9.18E-05	3.02E-04	1.79E-03	2.86E-05	6.45E-04	3.28E-02	3.04E-03	3.91E-02
2871	NG_1567	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.507	2.06E-01	4.13E-01	Not Modelled	1.20E-01	1.91E-04	1.69E-01	2.06E-02	4.12E-03	4.12E-10	2.06E-03	4.93E-05	3.63E-05	1.01E-04	3.33E-04	1.97E-03	3.15E-05	7.11E-04	3.61E-02	3.34E-03	4.30E-02
2872	NG_1568	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.507	2.22E-01	4.43E-01	Not Modelled	1.28E-01	2.05E-04	1.83E-01	2.22E-02	4.43E-03	4.43E-10	2.22E-03	5.30E-05	3.91E-05	1.09E-04	3.58E-04	2.12E-03	3.38E-05	7.64E-04	3.88E-02	3.59E-03	4.62E-02
2873	NG_1569	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.507	2.34E-01	4.67E-01	Not Modelled	1.35E-01	2.16E-04	1.93E-01	2.34E-02	4.67E-03	4.67E-10	2.34E-03	5.59E-05	4.12E-05	1.15E-04	3.77E-04	2.23E-03	3.57E-05	8.05E-04	4.09E-02	3.79E-03	4.87E-02
2874	NG_1570	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.507	2.44E-01	4.89E-01	Not Modelled	1.41E-01	2.26E-04	2.04E-01	2.44E-02	4.88E-03	4.88E-10	2.44E-03	5.84E-05	4.31E-05	1.20E-04	3.94E-04	2.33E-03	3.73E-05	8.42E-04	4.28E-02	3.96E-03	5.10E-02
2875	NG_1571	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.507	2.50E-01	5.00E-01	Not Modelled	1.44E-01	2.31E-04	2.10E-01	2.50E-02	4.99E-03	4.99E-10	2.50E-03	5.97E-05	4.40E-05	1.22E-04	4.03E-04	2.38E-03	3.81E-05	8.61E-04	4.37E-02	4.05E-03	5.21E-02
2876	NG_1572	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.507	2.51E-01	5.03E-01	Not Modelled	1.45E-01	2.32E-04	2.13E-01	2.51E-02	5.02E-03	5.02E-10	2.51E-03	6.01E-05	4.43E-05	1.23E-04	4.05E-04	2.40E-03	3.83E-05	8.66E-04	4.40E-02	4.07E-03	5.24E-02
2877	NG_1573	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.507	2.48E-01	4.96E-01	Not Modelled	1.43E-01	2.29E-04	2.12E-01	2.48E-02	4.95E-03	4.95E-10	2.48E-03	5.93E-05	4.37E-05	1.22E-04	4.00E-04	2.37E-03	3.78E-05	8.54E-04	4.34E-02	4.02E-03	5.17E-02
2878	NG_1574	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.507	2.40E-01	4.80E-01	Not Modelled	1.38E-01	2.22E-04	2.05E-01	2.40E-02	4.80E-03	4.80E-10	2.40E-03	5.74E-05	4.23E-05	1.18E-04	3.87E-04	2.29E-03	3.66E-05	8.27E-04	4.20E-02	3.89E-03	5.01E-02
2879	NG_1575	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.507	2.31E-01	4.62E-01	Not Modelled	1.31E-01	2.14E-04	1.96E-01	2.31E-02	4.62E-03	4.62E-10	2.31E-03	5.52E-05	4.07E-05	1.13E-04	3.73E-04	2.20E-03	3.53E-05	7.96E-04	4.04E-02	3.75E-03	4.82E-02
2880	NG_1576	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.507	2.23E-01	4.45E-01	Not Modelled	1.24E-01	2.06E-04	1.86E-01	2.23E-02	4.45E-03	4.45E-10	2.23E-03	5.32E-05	3.92E-05	1.09E-04	3.59E-04	2.13E-03	3.40E-05	7.67E-04	3.90E-02	3.61E-03	4.64E-02
2881	NG_1577	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.507	2.12E-01	4.25E-01	Not Modelled	1.15E-01	1.97E-04	1.75E-01	2.12E-02	4.25E-03	4.25E-10	2.13E-03	5.08E-05	3.74E-05	1.04E-04	3.43E-04	2.03E-03	3.24E-05	7.32E-04	3.72E-02	3.45E-03	4.43E-02
2882	NG_1578	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.507	1.99E-01	3.98E-01	Not Modelled	1.05E-01	1.84E-04	1.60E-01	1.99E-02	3.98E-03	3.98E-10	1.99E-03	4.76E-05	3.51E-05	9.76E-05	3.21E-04	1.90E-03	3.04E-05	6.86E-04	3.48E-02	3.23E-03	4.15E-02
2883	NG_1579	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.507	1.87E-01	3.74E-01	Not Modelled	9.61E-02	1.73E-04	1.47E-01	1.87E-02	3.74E-03	3.74E-10	1.87E-03	4.48E-05	3.30E-05	9.17E-05	3.02E-04	1.79E-03	2.86E-05	6.45E-04	3.27E-02	3.03E-03	3.90E-02
2884	NG_1580	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.507	1.76E-01	3.53E-01	Not Modelled	8.89E-02	1.63E-04	1.37E-01	1.76E-02	3.53E-03	3.53E-10	1.76E-03	4.22E-05	3.11E-05	8.65E-05	2.85E-04	1.68E-03	2.69E-05	6.08E-04	3.09E-02	2.86E-03	3.68E-02
2885	NG_1581	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.507	1.67E-01	3.34E-01	Not Modelled	8.30E-02	1.54E-04	1.28E-01	1.67E-02	3.33E-03	3.33E-10	1.67E-03	3.99E-05	2.94E-05	8.17E-05	2.69E-04	1.59E-03	2.55E-05	5.75E-04	2.92E-02	2.70E-03	3.48E-02
2886	NG_1582	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.507	1.58E-01	3.17E-01	Not Modelled	7.83E-02	1.46E-04	1.21E-01	1.58E-02	3.16E-03	3.16E-10	1.58E-03	3.79E-05	2.79E-05	7.76E-05	2.55E-04	1.51E-03	2.42E-05	5.45E-04	2.77E-02	2.57E-03	3.30E-02
2887	NG_1583	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.507	1.50E-01	3.01E-01	Not Modelled	7.42E-02	1.39E-04	1.14E-01	1.50E-02	3.01E-03	3.01E-10	1.50E-03	3.60E-05	2.65E-05	7.38E-05	2.43E-04	1.44E-03	2.30E-05	5.19E-04	2.63E-02	2.44E-03	3.14E-02
2888	NG_1584	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.507	1.45E-01	2.91E-01	Not Modelled	7.18E-02	1.35E-04	1.10E-01	1.45E-02	2.91E-03	2.91E-10	1.45E-03	3.48E-05	2.56E-05	7.13E-05	2.35E-04	1.39E-03	2.22E-05	5.01E-04	2.55E-02	2.36E-03	3.03E-02
2889	NG_1585	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.507	1.43E-01	2.87E-01	Not Modelled	7.12E-02	1.33E-04	1.09E-01	1.43E-02	2.87E-03	2.87E-10	1.43E-03	3.43E-05	2.53E-05	7.04E-05	2.32E-04	1.37E-03	2.19E-05	4.95E-04	2.51E-02	2.33E-03	2.99E-02
2890	NG_1586	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.507	1.43E-01	2.87E-01	Not Modelled	7.14E-02	1.33E-04	1.09E-01	1.43E-02	2.86E-03	2.86E-10	1.43E-03	3.43E-05	2.53E-05	7.03E-05	2.31E-04	1.37E-03	2.19E-05	4.94E-04	2.51E-02	2.32E-03	2.99E-02
2891	NG_1587	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.507	1.43E-01	2.86E-01	Not Modelled	7.13E-02	1.32E-04	1.09E-01	1.43E-02	2.86E-03	2.86E-10	1.43E-03	3.42E-05	2.52E-05	7.00E-05	2.31E-04	1.36E-03	2.18E-05	4.92E-04	2.50E-02	2.32E-03	2.98E-02
2892	NG_1588	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.507	1.43E-01	2.86E-01	Not Modelled	7.13E-02	1.32E-04	1.08E-01	1.43E-02	2.85E-03	2.85E-10	1.43E-03	3.41E-05	2.51E-05	7.00E-05	2.30E-04	1.36E-03	2.18E-05	4.92E-04	2.50E-02	2.31E-03	2.98E-02
2893	NG_1589	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.507	1.44E-01	2.88E-01	Not Modelled	7.22E-02	1.33E-04	1.09E-01	1.44E-02	2.88E-03	2.88E-10	1.44E-03	3.44E-05	2.54E-05	7.05E-05	2.32E-04	1.37E-03	2.20E-05	4.96E-04	2.52E-02	2.33E-03	3.00E-02
2894	NG_1590	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.507	1.44E-01	2.88E-01	Not Modelled	7.27E-02	1.33E-04	1.09E-01	1.44E-02	2.88E-03	2.88E-10	1.44E-03	3.45E-05	2.54E-05	7.07E-05	2.33E-04	1.38E-03	2.20E-05	4.97E-04	2.52E-02	2.34E-03	3.01E-02
2895	NG_1591	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.507	1.43E-01	2.87E-01	Not Modelled	7.27E-02	1.33E-04	1.08E-01	1.43E-02	2.87E-03	2.87E-10	1.43E-03	3.43E-05	2.53E-05	7.03E-05	2.32E-04	1.37E-03	2.19E-05	4.94E-04	2.51E-02	2.33E-03	2.99E-02
2896	NG_1592	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.507	1.39E-01	2.79E-01	Not Modelled	7.10E-02	1.29E-04	1.05E-01	1.39E-02	2.79E-03	2.79E-10	1.40E-03	3.34E-05	2.46E-05	6.84E-05	2.25E-04	1.33E-03	2.13E-05	4.81E-04	2.44E-02	2.26E-03	2.91E-02
2897	NG_1593	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.507	1.35E-01	2.70E-01	Not Modelled	6.89E-02	1.25E-04	1.01E-01	1.35E-02	2.70E-03	2.70E-10	1.35E-03	3.23E-05	2.38E-05	6.62E-05	2.18E-04	1.29E-03	2.06E-05	4.65E-04	2.36E-02	2.19E-03	2.82E-02
2898	NG_1594	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.507	1.30E-01	2.61E-01	Not Modelled	6.69E-02	1.21E-04	9.71E-02	1.31E-02	2.61E-03	2.61E-10	1.31E-03	3.12E-05	2.30E-05	6.40E-05	2.11E-04	1.25E-03	1.99E-05	4.50E-04	2.28E-02	2.12E-03	2.72E-02
2899	NG_1595	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.507	1.27E-01	2.53E-01	Not Modelled	6.54E-02	1.17E-04	9.41E-02	1.27E-02	2.53E-03	2.53E-10	1.27E-03	3.03E-05	2.23E-05	6.21E-05	2.05E-04	1.21E-03	1.93E-05	4.37E-04	2.22E-02	2.05E-03	2.64E-02
2900	NG_1596	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.507	1.22E-01	2.44E-01	Not Modelled	6.32E-02	1.13E-04	9.03E-02	1.22E-02	2.44E-03	2.44E-10	1.22E-03	2.92E-05	2.15E-05	5.98E-05	1.97E-04	1.16E-03	1.86E-05	4.20E-04	2.13E-02	1.98E-03	2.54E-02
2901	NG_1597	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.507	1.16E-01	2.32E-01	Not Modelled	6.03E-02	1.07E-04	8.54E-02	1.16E-02	2.32E-03	2.32E-10	1.16E-03	2.77E-05	2.04E-05	5.68E-05	1.87E-04	1.11E-03	1.77E-05	3.99E-04	2.03E-02	1.88E-03	2.42E-02
2902	NG_1598	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.507	1.09E-01	2.19E-01	Not Modelled	5.70E-02	1.01E-04	8.00E-02	1.09E-02	2.19E-03	2.19E-10	1.09E-03	2.62E-05	1.93E-05	5.36E-05	1.77E-04	1.04E-03	1.67E-05	3.77E-04	1.91E-02	1.77E-03	2.28E-02
2903	NG_1599	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.507	1.03E-01	2.06E-01	Not Modelled	5.37E-02	9.53E-05	7.45E-02	1.03E-02	2.06E-03	2.06E-10	1.03E-03	2.46E-05	1.81E-05	5.05E-05	1.66E-04	9.83E-04	1.57E-05	3.55E-04	1.80E-02	1.67E-03	2.15E-02
2904	NG_1600	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.557	1.04E-01	2.07E-01	Not Modelled	6.37E-02	9.59E-05	8.40E-02	1.04E-02	2.07E-03	2.07E-10	1.04E-03	2.48E-05	1.83E-05	5.08E-05	1.67E-04	9.89E-04	1.58E-05	3.57E-04	1.81E-02	1.68E-03	2.16E-02
2905	NG_1601	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.557	1.11E-01	2.22E-01	Not Modelled	6.77E-02	1.03E-04	8.98E-02	1.11E-02	2.22E-03	2.22E-10	1.11E-03	2.66E-05	1.96E-05	5.44E-05	1.79E-04	1.06E-03	1.69E-05	3.83E-04	1.94E-02	1.80E-03	2.32E-02
2906	NG_1602	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.557	1.19E-01	2.38E-01	Not Modelled	7.19E-02	1.10E-04	9.59E-02	1.19E-02	2.38E-03	2.38E-10	1.19E-03	2.85E-05	2.10E-05	5.84E-05	1.92E-04	1.14E-03	1.82E-05	4.10E-04	2.08E-02	1.93E-03	2.48E-02
2907	NG_1603	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.557	1.29E-01	2.58E-01	Not Modelled	7.71E-02	1.19E-04	1.04E-01	1.29E-02	2.58E-03	2.58E-10	1.29E-03	3.08E-05	2.27E-05	6.32E-05	2.08E-04	1.23E-03	1.97E-05	4.44E-04	2.26E-02	2.09E-03	2.69E-02
2908	NG_1604	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.557	1.41E-01	2.82E-01	Not Modelled	8.36E-02	1.30E-04	1.13E-01	1.41E-02	2.82E-03	2.82E-10	1.41E-03	3.37E-05	2.48E-05	6.91E-05	2.28E-04	1.35E-03	2.15E-05	4.86E-04	2.47E-02	2.29E-03	2.94E-02
2909	NG_1605	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.557	1.53E-01	3.07E-01	Not Modelled	9.03E-02	1.42E-04	1.23E-01	1.53E-02	3.07E-03	3.07E-10	1.53E-03	3.67E-05	2.70E-05	7.52E-05	2.48E-04	1.46E-03	2.34E-05	5.29E-04	2.69E-02	2.49E-03	3.20E-02
2910	NG_1606	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.557	1.67E-01	3.33E-01	Not Modelled	9.73E-02	1.54E-04	1.34E-01	1.67E-02	3.33E-03	3.33E-10	1.67E-03	3.98E-05	2.94E-05	8.17E-05	2.69E-04	1.59E-03	2.54E-05	5.74E-04	2.92E-02	2.70E-03	3.48E-02
2911	NG_1607	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.557	1.83E-01	3.65E-01	Not Modelled	1.06E-01	1.69E-04	1.47E-01	1.83E-02	3.65E-03	3.65E-10	1.83E-03	4.37E-05	3.22E-05	8.96E-05	2.95E-04	1.74E-03	2.79E-05	6.30E-04	3.20E-02	2.96E-03	3.81E-02
2912	NG_1608	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.557	1.98E-01	3.97E-01	Not Modelled	1.15E-01	1.84E-04	1.61E-01	1.98E-02	3.97E-03	3.97E-10	1.98E-03	4.75E-05	3.50E-05	9.73E-05	3.20E-04	1.89E-03	3.03E-05	6.84E-04	3.47E-02	3.22E-03	4.14E-02
2913	NG_1609	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.557	2.12E-01	4.24E-01	Not Modelled	1.22E-01	1.96E-04	1.73E-01	2.12E-02	4.24E-03	4.24E-10	2.12E-03	5.07E-05	3.73E-05	1.04E-04	3.42E-04	2.02E-03	3.23E-05	7.30E-04	3.71E-02	3.44E-03	4.42E-02
2914	NG_1610	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.557	2.22E-01	4.43E-01	Not Modelled	1.28E-01	2.05E-04	1.82E-01	2.22E-02	4.43E-03	4.43E-10	2.22E-03	5.30E-05	3.91E-05	1.09E-04	3.58E-04	2.12E-03	3.38E-05	7.64E-04	3.88E-02	3.59E-03	4.62E-02
2915	NG_1611	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.557	2.29E-01	4.59E-01	Not Modelled	1.33E-01	2.12E-04	1.90E-01	2.29E-02	4.59E-03	4.59E-10	2.30E-03	5.49E-05	4.04E-05	1.13E-04	3.71E-04	2.19E-03	3.50E-05	7.91E-04	4.02E-02	3.72E-03	4.79E-02
2916	NG_1612	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.557	2.32E-01	4.64E-01	Not Modelled	1.35E-01	2.15E-04	1.94E-01	2.32E-02	4.64E-03	4.64E-10	2.32E-03	5.55E-05	4.09E-05	1.14E-04	3.75E-04	2.22E-03	3.54E-05	8.00E-04	4.06E-02	3.77E-03	4.84E-02
2917	NG_1613	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.557	2.32E-01	4.64E-01	Not Modelled	1.35E-01	2.15E-04	1.95E-01	2.32E-02	4.64E-03	4.64E-10	2.32E-03	5.55E-05	4.09E-05	1.14E-04	3.75E-04	2.21E-03	3.54E-05	8.00E-04	4.06E-02	3.76E-03	4.84E-02
2918	NG_1614	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.557	2.28E-01	4.57E-01	Not Modelled	1.32E-01	2.11E-04	1.93E-01	2.28E-02	4.57E-03	4.57E-10	2.28E-03	5.46E-05	4.02E-05	1.12E-04	3.69E-04	2.18E-03	3.49E-05	7.87E-04	4.00E-02	3.70E-03	4.76E-02
2919	NG_1615	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.557	2.21E-01	4.42E-01	Not Modelled	1.27E-01	2.05E-04	1.87E-01	2.21E-02	4.42E-03	4.42E-10	2.21E-03	5.29E-05	3.90E-05	1.08E-04	3.57E-04	2.11E-03	3.38E-05	7.62E-04	3.87E-02	3.59E-03	4.61E-02
2920	NG_1616	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.557	2.13E-01	4.26E-01	Not Modelled	1.21E-01	1.97E-04	1.78E-01	2.13E-02	4.25E-03	4.25E-10	2.13E-03	5.09E-05	3.75E-05	1.04E-04	3.43E-04	2.03E-03	3.25E-05	7.33E-04	3.72E-02	3.45E-03	4.44E-02
2921	NG_1617	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.557	2.05E-01	4.10E-01	Not Modelled	1.14E-01	1.89E-04	1.70E-01	2.05E-02	4.09E-03	4.09E-10	2.05E-03	4.90E-05	3.61E-05	1.00E-04	3.31E-04	1.96E-03	3.13E-05	7.06E-04	3.58E-02	3.32E-03	4.27E-02
2922	NG_1618	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.557	1.96E-01	3.92E-01	Not Modelled	1.07E-01	1.81E-04	1.60E-01	1.96E-02	3.92E-03	3.92E-10	1.96E-03	4.69E-05	3.45E-05	9.61E-05	3.16E-04	1.87E-03	2.99E-05	6.75E-04	3.43E-02	3.18E-03	4.09E-02
2923	NG_1619	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.557	1.85E-01	3.70E-01	Not Modelled	9.78E-02	1.71E-04	1.47E-01	1.85E-02	3.69E-03	3.69E-10	1.85E-03	4.42E-05	3.26E-05	9.06E-05	2.98E-04	1.76E-03	2.82E-05	6.37E-04	3.23E-02	3.00E-03	3.85E-02
2924	NG_1620	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.557	1.75E-01	3.49E-01	Not Modelled	9.03E-02	1.62E-04	1.37E-01	1.75E-02	3.49E-03	3.49E-10	1.75E-03	4.18E-05	3.08E-05	8.56E-05	2.82E-04	1.67E-03	2.67E-05	6.02E-04	3.06E-02	2.83E-03	3.64E-02
2925	NG_1621	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.557	1.65E-01	3.30E-01	Not Modelled	8.38E-02	1.53E-04	1.27E-01	1.65E-02	3.30E-03	3.30E-10	1.65E-03	3.95E-05	2.91E-05	8.09E-05	2.66E-04	1.58E-03	2.52E-05	5.69E-04	2.89E-02	2.68E-03	3.44E-02
2926	NG_1622	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.557	1.56E-01	3.12E-01	Not Modelled	7.83E-02	1.44E-04	1.19E-01	1.56E-02	3.12E-03	3.12E-10	1.56E-03	3.73E-05	2.75E-05	7.65E-05	2.52E-04	1.49E-03	2.38E-05	5.38E-04	2.73E-02	2.53E-03	3.26E-02
2927	NG_1623	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.557	1.48E-01	2.97E-01	Not Modelled	7.38E-02	1.37E-04	1.13E-01	1.48E-02	2.96E-03	2.96E-10	1.48E-03	3.55E-05	2.61E-05	7.27E-05	2.39E-04	1.42E-03	2.26E-05	5.11E-04	2.59E-02	2.40E-03	3.09E-02
2928	NG_1624	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.557	1.41E-01	2.82E-01	Not Modelled	6.99E-02	1.30E-04	1.06E-01	1.41E-02	2.82E-03	2.82E-10	1.41E-03	3.37E-05	2.49E-05	6.91E-05	2.28E-04	1.35E-03	2.15E-05	4.86E-04	2.47E-02	2.29E-03	2.94E-02
2929	NG_1625	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.557	1.36E-01	2.72E-01	Not Modelled	6.74E-02	1.26E-04	1.02E-01	1.36E-02	2.72E-03	2.72E-10	1.36E-03	3.25E-05	2.39E-05	6.66E-05	2.19E-04	1.30E-03	2.07E-05	4.68E-04	2.38E-02	2.20E-03	2.84E-02
2930	NG_1626	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.557	1.34E-01	2.67E-01	Not Modelled	6.65E-02	1.24E-04	1.01E-01	1.34E-02	2.67E-03	2.67E-10	1.34E-03	3.20E-05	2.35E-05	6.55E-05	2.16E-04	1.28E-03	2.04E-05	4.60E-04	2.34E-02	2.17E-03	2.79E-02
2931	NG_1627	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.557	1.33E-01	2.66E-01	Not Modelled	6.65E-02	1.23E-04	1.01E-01	1.33E-02	2.66E-03	2.66E-10	1.33E-03	3.18E-05	2.34E-05	6.52E-05	2.15E-04	1.27E-03	2.03E-05	4.59E-04	2.33E-02	2.16E-03	2.78E-02
2932	NG_1628	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.557	1.33E-01	2.66E-01	Not Modelled	6.65E-02	1.23E-04	1.00E-01	1.33E-02	2.66E-03	2.66E-10	1.33E-03	3.18E-05	2.34E-05	6.52E-05	2.15E-04	1.27E-03	2.03E-05	4.58E-04	2.33E-02	2.16E-03	2.77E-02
2933	NG_1629	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.557	1.34E-01	2.67E-01	Not Modelled	6.70E-02	1.24E-04	1.01E-01	1.34E-02	2.67E-03	2.67E-10	1.34E-03	3.20E-05	2.36E-05	6.55E-05	2.16E-04	1.28E-03	2.04E-05	4.61E-04	2.34E-02	2.17E-03	2.79E-02
2934	NG_1630	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.557	1.35E-01	2.71E-01	Not Modelled	6.82E-02	1.25E-04	1.02E-01	1.35E-02	2.71E-03	2.71E-10	1.36E-03	3.24E-05	2.39E-05	6.64E-05	2.19E-04	1.29E-03	2.07E-05	4.67E-04	2.37E-02	2.20E-03	2.83E-02
2935	NG_1631	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.557	1.36E-01	2.73E-01	Not Modelled	6.89E-02	1.26E-04	1.02E-01	1.36E-02	2.72E-03	2.72E-10	1.36E-03	3.26E-05	2.40E-05	6.68E-05	2.20E-04	1.30E-03	2.08E-05	4.70E-04	2.38E-02	2.21E-03	2.84E-02
2936	NG_1632	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.557	1.36E-01	2.72E-01	Not Modelled	6.91E-02	1.26E-04	1.02E-01	1.36E-02	2.72E-03	2.72E-10	1.36E-03	3.26E-05	2.40E-05	6.68E-05	2.20E-04	1.30E-03	2.08E-05	4.69E-04	2.38E-02	2.21E-03	2.84E-02
2937	NG_1633	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.557	1.34E-01	2.68E-01	Not Modelled	6.81E-02	1.24E-04	9.97E-02	1.34E-02	2.68E-03	2.68E-10	1.34E-03	3.20E-05	2.36E-05	6.56E-05	2.16E-04	1.28E-03	2.04E-05	4.61E-04	2.34E-02	2.17E-03	2.79E-02
2938	NG_1634	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.557	1.30E-01	2.61E-01	Not Modelled	6.66E-02	1.21E-04	9.68E-02	1.30E-02	2.61E-03	2.61E-10	1.30E-03	3.12E-05	2.30E-05	6.40E-05	2.11E-04	1.25E-03	1.99E-05	4.50E-04	2.28E-02	2.12E-03	2.72E-02
2939	NG_1635	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.557	1.26E-01	2.53E-01	Not Modelled	6.48E-02	1.17E-04	9.33E-02	1.26E-02	2.53E-03	2.53E-10	1.26E-03	3.02E-05	2.23E-05	6.20E-05	2.04E-04	1.21E-03	1.93E-05	4.36E-04	2.21E-02	2.05E-03	2.64E-02
2940	NG_1636	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.557	1.23E-01	2.46E-01	Not Modelled	6.33E-02	1.14E-04	9.05E-02	1.23E-02	2.46E-03	2.46E-10	1.23E-03	2.94E-05	2.17E-05	6.03E-05	1.98E-04	1.17E-03	1.88E-05	4.24E-04	2.15E-02	1.99E-03	2.56E-02

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 2 GRID MAX

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							2.370	4.730	0.000	1.320	0.002	2.520	0.237	0.047	4.73E-09	2.37E-02	5.66E-04	4.17E-04	1.16E-03	3.82E-03	2.26E-02	3.61E-04	8.15E-03	0.414	0.038	0.494
Receptor ID of Maximum Offsite Concentration / Deposition Rate							NG_837	NG_837	#N/A	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837
Coordinates of Maximum Offsite Concentration/ Deposition Rate						X	379.464	379.464	#N/A	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464
						Y	6367.607	6367.607	#N/A	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607
2941	NG_1637	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.557	1.19E-01	2.38E-01	Not Modelled	6.15E-02	1.10E-04	8.73E-02	1.19E-02	2.37E-03	2.37E-10	1.19E-03	2.84E-05	2.09E-05	5.82E-05	1.92E-04	1.13E-03	1.81E-05	4.09E-04	2.08E-02	1.93E-03	2.48E-02
2942	NG_1638	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.557	1.14E-01	2.27E-01	Not Modelled	5.91E-02	1.05E-04	8.31E-02	1.14E-02	2.27E-03	2.27E-10	1.14E-03	2.72E-05	2.00E-05	5.57E-05	1.83E-04	1.08E-03	1.73E-05	3.92E-04	1.99E-02	1.84E-03	2.37E-02
2943	NG_1639	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.557	1.08E-01	2.16E-01	Not Modelled	5.64E-02	1.00E-04	7.86E-02	1.08E-02	2.16E-03	2.16E-10	1.08E-03	2.59E-05	1.91E-05	5.30E-05	1.75E-04	1.03E-03	1.65E-05	3.73E-04	1.89E-02	1.75E-03	2.26E-02
2944	NG_1640	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.557	1.03E-01	2.06E-01	Not Modelled	5.37E-02	9.50E-05	7.42E-02	1.03E-02	2.05E-03	2.05E-10	1.03E-03	2.46E-05	1.81E-05	5.04E-05	1.66E-04	9.81E-04	1.57E-05	3.54E-04	1.80E-02	1.67E-03	2.14E-02
2945	NG_1641	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.607	1.01E-01	2.02E-01	Not Modelled	6.17E-02	9.35E-05	8.04E-02	1.01E-02	2.02E-03	2.02E-10	1.01E-03	2.42E-05	1.78E-05	4.95E-05	1.63E-04	9.65E-04	1.54E-05	3.48E-04	1.77E-02	1.64E-03	2.11E-02
2946	NG_1642	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.607	1.08E-01	2.17E-01	Not Modelled	6.56E-02	1.00E-04	8.60E-02	1.08E-02	2.17E-03	2.17E-10	1.08E-03	2.59E-05	1.91E-05	5.32E-05	1.75E-04	1.03E-03	1.65E-05	3.74E-04	1.90E-02	1.76E-03	2.26E-02
2947	NG_1643	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.607	1.17E-01	2.34E-01	Not Modelled	7.02E-02	1.08E-04	9.26E-02	1.17E-02	2.34E-03	2.34E-10	1.17E-03	2.80E-05	2.06E-05	5.74E-05	1.89E-04	1.12E-03	1.79E-05	4.03E-04	2.05E-02	1.90E-03	2.44E-02
2948	NG_1644	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.607	1.28E-01	2.55E-01	Not Modelled	7.60E-02	1.18E-04	1.01E-01	1.28E-02	2.55E-03	2.55E-10	1.28E-03	3.05E-05	2.25E-05	6.26E-05	2.06E-04	1.22E-03	1.95E-05	4.40E-04	2.23E-02	2.07E-03	2.66E-02
2949	NG_1645	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.607	1.39E-01	2.78E-01	Not Modelled	8.20E-02	1.28E-04	1.10E-01	1.39E-02	2.77E-03	2.77E-10	1.39E-03	3.32E-05	2.44E-05	6.80E-05	2.24E-04	1.32E-03	2.12E-05	4.78E-04	2.43E-02	2.25E-03	2.89E-02
2950	NG_1646	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.607	1.51E-01	3.02E-01	Not Modelled	8.86E-02	1.40E-04	1.20E-01	1.51E-02	3.02E-03	3.02E-10	1.51E-03	3.61E-05	2.66E-05	7.40E-05	2.44E-04	1.44E-03	2.30E-05	5.20E-04	2.64E-02	2.45E-03	3.15E-02
2951	NG_1647	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.607	1.63E-01	3.27E-01	Not Modelled	9.53E-02	1.51E-04	1.30E-01	1.63E-02	3.27E-03	3.27E-10	1.63E-03	3.91E-05	2.88E-05	8.01E-05	2.64E-04	1.56E-03	2.49E-05	5.63E-04	2.86E-02	2.65E-03	3.41E-02
2952	NG_1648	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.607	1.78E-01	3.56E-01	Not Modelled	1.03E-01	1.64E-04	1.42E-01	1.78E-02	3.55E-03	3.55E-10	1.78E-03	4.25E-05	3.13E-05	8.71E-05	2.87E-04	1.70E-03	2.71E-05	6.13E-04	3.11E-02	2.88E-03	3.71E-02
2953	NG_1649	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.607	1.90E-01	3.81E-01	Not Modelled	1.10E-01	1.76E-04	1.53E-01	1.90E-02	3.81E-03	3.81E-10	1.91E-03	4.56E-05	3.36E-05	9.34E-05	3.08E-04	1.82E-03	2.91E-05	6.57E-04	3.33E-02	3.09E-03	3.97E-02
2954	NG_1650	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.607	2.02E-01	4.04E-01	Not Modelled	1.17E-01	1.87E-04	1.63E-01	2.02E-02	4.04E-03	4.04E-10	2.02E-03	4.83E-05	3.56E-05	9.90E-05	3.26E-04	1.93E-03	3.08E-05	6.96E-04	3.53E-02	3.27E-03	4.21E-02
2955	NG_1651	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.607	2.10E-01	4.20E-01	Not Modelled	1.21E-01	1.94E-04	1.71E-01	2.10E-02	4.19E-03	4.19E-10	2.10E-03	5.02E-05	3.70E-05	1.03E-04	3.39E-04	2.00E-03	3.20E-05	7.23E-04	3.67E-02	3.40E-03	4.38E-02
2956	NG_1652	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.607	2.14E-01	4.29E-01	Not Modelled	1.24E-01	1.98E-04	1.76E-01	2.14E-02	4.29E-03	4.29E-10	2.15E-03	5.13E-05	3.78E-05	1.05E-04	3.46E-04	2.05E-03	3.27E-05	7.39E-04	3.75E-02	3.48E-03	4.48E-02
2957	NG_1653	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.607	2.16E-01	4.32E-01	Not Modelled	1.25E-01	2.00E-04	1.79E-01	2.16E-02	4.32E-03	4.32E-10	2.16E-03	5.17E-05	3.81E-05	1.06E-04	3.49E-04	2.06E-03	3.30E-05	7.44E-04	3.78E-02	3.50E-03	4.51E-02
2958	NG_1654	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.607	2.14E-01	4.28E-01	Not Modelled	1.24E-01	1.98E-04	1.78E-01	2.14E-02	4.28E-03	4.28E-10	2.14E-03	5.12E-05	3.77E-05	1.05E-04	3.46E-04	2.04E-03	3.27E-05	7.38E-04	3.75E-02	3.47E-03	4.47E-02
2959	NG_1655	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.607	2.10E-01	4.20E-01	Not Modelled	1.22E-01	1.94E-04	1.76E-01	2.10E-02	4.20E-03	4.20E-10	2.10E-03	5.02E-05	3.70E-05	1.03E-04	3.39E-04	2.00E-03	3.21E-05	7.24E-04	3.68E-02	3.41E-03	4.38E-02
2960	NG_1656	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.607	2.03E-01	4.07E-01	Not Modelled	1.17E-01	1.88E-04	1.70E-01	2.03E-02	4.07E-03	4.07E-10	2.04E-03	4.87E-05	3.59E-05	9.98E-05	3.29E-04	1.94E-03	3.11E-05	7.01E-04	3.56E-02	3.30E-03	4.25E-02
2961	NG_1657	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.607	1.96E-01	3.93E-01	Not Modelled	1.11E-01	1.81E-04	1.63E-01	1.96E-02	3.92E-03	3.92E-10	1.96E-03	4.69E-05	3.46E-05	9.62E-05	3.17E-04	1.87E-03	2.99E-05	6.76E-04	3.43E-02	3.18E-03	4.09E-02
2962	NG_1658	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.607	1.88E-01	3.76E-01	Not Modelled	1.05E-01	1.74E-04	1.54E-01	1.88E-02	3.76E-03	3.76E-10	1.88E-03	4.50E-05	3.32E-05	9.23E-05	3.04E-04	1.80E-03	2.87E-05	6.49E-04	3.29E-02	3.05E-03	3.93E-02
2963	NG_1659	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.607	1.80E-01	3.61E-01	Not Modelled	9.83E-02	1.67E-04	1.46E-01	1.81E-02	3.61E-03	3.61E-10	1.81E-03	4.32E-05	3.18E-05	8.85E-05	2.92E-04	1.72E-03	2.76E-05	6.22E-04	3.16E-02	2.93E-03	3.77E-02
2964	NG_1660	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.607	1.72E-01	3.45E-01	Not Modelled	9.17E-02	1.59E-04	1.37E-01	1.72E-02	3.45E-03	3.45E-10	1.72E-03	4.12E-05	3.04E-05	8.45E-05	2.78E-04	1.65E-03	2.63E-05	5.94E-04	3.02E-02	2.80E-03	3.60E-02
2965	NG_1661	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.607	1.64E-01	3.28E-01	Not Modelled	8.55E-02	1.52E-04	1.28E-01	1.64E-02	3.28E-03	3.28E-10	1.64E-03	3.92E-05	2.89E-05	8.04E-05	2.65E-04	1.57E-03	2.50E-05	5.65E-04	2.87E-02	2.66E-03	3.42E-02
2966	NG_1662	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.607	1.55E-01	3.11E-01	Not Modelled	7.95E-02	1.44E-04	1.19E-01	1.55E-02	3.10E-03	3.10E-10	1.55E-03	3.71E-05	2.74E-05	7.61E-05	2.51E-04	1.48E-03	2.37E-05	5.35E-04	2.72E-02	2.52E-03	3.24E-02
2967	NG_1663	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.607	1.47E-01	2.94E-01	Not Modelled	7.43E-02	1.36E-04	1.12E-01	1.47E-02	2.94E-03	2.94E-10	1.47E-03	3.52E-05	2.59E-05	7.21E-05	2.37E-04	1.40E-03	2.24E-05	5.07E-04	2.57E-02	2.38E-03	3.07E-02
2968	NG_1664	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.607	1.39E-01	2.79E-01	Not Modelled	7.00E-02	1.29E-04	1.05E-01	1.39E-02	2.79E-03	2.79E-10	1.39E-03	3.34E-05	2.46E-05	6.84E-05	2.25E-04	1.33E-03	2.13E-05	4.81E-04	2.44E-02	2.26E-03	2.91E-02
2969	NG_1665	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.607	1.33E-01	2.67E-01	Not Modelled	6.66E-02	1.23E-04	1.00E-01	1.33E-02	2.66E-03	2.66E-10	1.33E-03	3.19E-05	2.35E-05	6.53E-05	2.15E-04	1.27E-03	2.03E-05	4.59E-04	2.33E-02	2.16E-03	2.78E-02
2970	NG_1666	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.607	1.28E-01	2.57E-01	Not Modelled	6.42E-02	1.19E-04	9.66E-02	1.28E-02	2.57E-03	2.57E-10	1.28E-03	3.07E-05	2.26E-05	6.30E-05	2.07E-04	1.23E-03	1.96E-05	4.43E-04	2.25E-02	2.08E-03	2.68E-02
2971	NG_1667	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.607	1.25E-01	2.51E-01	Not Modelled	6.27E-02	1.16E-04	9.42E-02	1.25E-02	2.51E-03	2.51E-10	1.25E-03	3.00E-05	2.21E-05	6.15E-05	2.02E-04	1.20E-03	1.91E-05	4.32E-04	2.19E-02	2.03E-03	2.62E-02
2972	NG_1668	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.607	1.24E-01	2.48E-01	Not Modelled	6.22E-02	1.15E-04	9.31E-02	1.24E-02	2.48E-03	2.48E-10	1.24E-03	2.97E-05	2.19E-05	6.08E-05	2.00E-04	1.18E-03	1.89E-05	4.28E-04	2.17E-02	2.01E-03	2.59E-02
2973	NG_1669	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.607	1.24E-01	2.49E-01	Not Modelled	6.25E-02	1.15E-04	9.32E-02	1.24E-02	2.49E-03	2.49E-10	1.24E-03	2.97E-05	2.19E-05	6.09E-05	2.01E-04	1.19E-03	1.90E-05	4.28E-04	2.18E-02	2.02E-03	2.59E-02
2974	NG_1670	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.607	1.26E-01	2.52E-01	Not Modelled	6.34E-02	1.16E-04	9.43E-02	1.26E-02	2.52E-03	2.52E-10	1.26E-03	3.01E-05	2.22E-05	6.17E-05	2.03E-04	1.20E-03	1.92E-05	4.34E-04	2.20E-02	2.04E-03	2.63E-02
2975	NG_1671	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.607	1.27E-01	2.55E-01	Not Modelled	6.44E-02	1.18E-04	9.54E-02	1.27E-02	2.55E-03	2.55E-10	1.27E-03	3.05E-05	2.25E-05	6.25E-05	2.06E-04	1.22E-03	1.95E-05	4.39E-04	2.23E-02	2.07E-03	2.66E-02
2976	NG_1672	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.607	1.29E-01	2.58E-01	Not Modelled	6.53E-02	1.19E-04	9.61E-02	1.29E-02	2.58E-03	2.58E-10	1.29E-03	3.08E-05	2.27E-05	6.32E-05	2.08E-04	1.23E-03	1.97E-05	4.44E-04	2.25E-02	2.09E-03	2.69E-02
2977	NG_1673	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.607	1.29E-01	2.57E-01	Not Modelled	6.53E-02	1.19E-04	9.55E-02	1.29E-02	2.57E-03	2.57E-10	1.29E-03	3.08E-05	2.27E-05	6.31E-05	2.08E-04	1.23E-03	1.96E-05	4.43E-04	2.25E-02	2.09E-03	2.68E-02
2978	NG_1674	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.607	1.28E-01	2.55E-01	Not Modelled	6.49E-02	1.18E-04	9.44E-02	1.28E-02	2.55E-03	2.55E-10	1.28E-03	3.05E-05	2.25E-05	6.26E-05	2.06E-04	1.22E-03	1.95E-05	4.40E-04	2.23E-02	2.07E-03	2.66E-02
2979	NG_1675	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.607	1.25E-01	2.50E-01	Not Modelled	6.39E-02	1.16E-04	9.20E-02	1.25E-02	2.50E-03	2.50E-10	1.25E-03	2.99E-05	2.20E-05	6.13E-05	2.02E-04	1.19E-03	1.91E-05	4.31E-04	2.19E-02	2.03E-03	2.61E-02
2980	NG_1676	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.607	1.23E-01	2.46E-01	Not Modelled	6.32E-02	1.14E-04	9.04E-02	1.23E-02	2.46E-03	2.46E-10	1.23E-03	2.95E-05	2.17E-05	6.04E-05	1.99E-04	1.18E-03	1.88E-05	4.24E-04	2.16E-02	2.00E-03	2.57E-02
2981	NG_1677	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.607	1.20E-01	2.40E-01	Not Modelled	6.19E-02	1.11E-04	8.80E-02	1.20E-02	2.40E-03	2.40E-10	1.20E-03	2.87E-05	2.12E-05	5.89E-05	1.94E-04	1.15E-03	1.83E-05	4.14E-04	2.10E-02	1.95E-03	2.51E-02
2982	NG_1678	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.607	1.16E-01	2.32E-01	Not Modelled	6.02E-02	1.07E-04	8.48E-02	1.16E-02	2.32E-03	2.32E-10	1.16E-03	2.78E-05	2.05E-05	5.70E-05	1.88E-04	1.11E-03	1.77E-05	4.00E-04	2.03E-02	1.88E-03	2.42E-02
2983	NG_1679	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.607	1.12E-01	2.24E-01	Not Modelled	5.83E-02	1.04E-04	8.15E-02	1.12E-02	2.24E-03	2.24E-10	1.12E-03	2.68E-05	1.97E-05	5.49E-05	1.81E-04	1.07E-03	1.71E-05	3.86E-04	1.96E-02	1.82E-03	2.34E-02
2984	NG_1680	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.607	1.08E-01	2.16E-01	Not Modelled	5.64E-02	9.98E-05	7.82E-02	1.08E-02	2.16E-03	2.16E-10	1.08E-03	2.58E-05	1.90E-05	5.29E-05	1.74E-04	1.03E-03	1.65E-05	3.72E-04	1.89E-02	1.75E-03	2.25E-02
2985	NG_1681	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.607	1.04E-01	2.08E-01	Not Modelled	5.45E-02	9.62E-05	7.51E-02	1.04E-02	2.08E-03	2.08E-10	1.04E-03	2.49E-05	1.83E-05	5.10E-05	1.68E-04	9.92E-04	1.59E-05	3.58E-04	1.82E-02	1.69E-03	2.17E-02

AQIA DATA - SCENARIO 2 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**3.08E-06**	**5.69E-06**	**0.00E+00**	**3.69E-07**	**2.85E-09**	**1.88E-04**	**3.08E-07**	**6.16E-08**	**6.16E-15**	**3.08E-08**	**7.37E-10**	**5.43E-10**	**1.51E-09**	**4.98E-09**	**2.94E-08**	**4.71E-10**	**1.06E-08**	**5.40E-07**	**5.00E-08**	**6.43E-07**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1	SG_1	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6364.500	2.58E-08	4.83E-08	Not Modelled	8.02E-10	2.38E-11	6.12E-07	2.57E-09	5.14E-10	5.14E-17	2.57E-10	6.15E-12	4.53E-12	1.26E-11	4.15E-11	2.46E-10	3.93E-12	8.86E-11	4.50E-09	4.17E-10	5.37E-09
2	SG_2	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6364.500	2.55E-08	4.75E-08	Not Modelled	7.89E-10	2.34E-11	6.16E-07	2.53E-09	5.07E-10	5.07E-17	2.53E-10	6.06E-12	4.47E-12	1.24E-11	4.09E-11	2.42E-10	3.87E-12	8.73E-11	4.43E-09	4.11E-10	5.29E-09
3	SG_3	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6364.500	2.50E-08	4.62E-08	Not Modelled	7.68E-10	2.29E-11	6.10E-07	2.47E-09	4.95E-10	4.95E-17	2.47E-10	5.92E-12	4.36E-12	1.21E-11	3.99E-11	2.36E-10	3.77E-12	8.52E-11	4.33E-09	4.01E-10	5.16E-09
4	SG_4	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6364.500	2.40E-08	4.35E-08	Not Modelled	7.25E-10	2.17E-11	5.75E-07	2.35E-09	4.69E-10	4.69E-17	2.35E-10	5.61E-12	4.13E-12	1.15E-11	3.79E-11	2.24E-10	3.58E-12	8.08E-11	4.11E-09	3.81E-10	4.90E-09
5	SG_5	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6364.500	2.31E-08	4.06E-08	Not Modelled	6.83E-10	2.05E-11	5.45E-07	2.22E-09	4.43E-10	4.43E-17	2.22E-10	5.30E-12	3.91E-12	1.09E-11	3.58E-11	2.12E-10	3.38E-12	7.64E-11	3.88E-09	3.60E-10	4.63E-09
6	SG_6	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6364.500	2.28E-08	3.87E-08	Not Modelled	6.59E-10	1.98E-11	5.44E-07	2.14E-09	4.28E-10	4.28E-17	2.14E-10	5.12E-12	3.77E-12	1.05E-11	3.46E-11	2.04E-10	3.27E-12	7.38E-11	3.75E-09	3.47E-10	4.47E-09
7	SG_7	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6364.500	2.26E-08	3.70E-08	Not Modelled	6.28E-10	1.92E-11	5.37E-07	2.07E-09	4.14E-10	4.14E-17	2.07E-10	4.96E-12	3.65E-12	1.02E-11	3.35E-11	1.98E-10	3.16E-12	7.14E-11	3.63E-09	3.36E-10	4.33E-09
8	SG_8	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6364.500	2.26E-08	3.69E-08	Not Modelled	6.10E-10	1.91E-11	5.41E-07	2.07E-09	4.14E-10	4.14E-17	2.07E-10	4.95E-12	3.65E-12	1.01E-11	3.34E-11	1.98E-10	3.16E-12	7.13E-11	3.62E-09	3.36E-10	4.32E-09
9	SG_9	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6364.500	2.29E-08	3.81E-08	Not Modelled	6.05E-10	1.96E-11	5.55E-07	2.12E-09	4.24E-10	4.24E-17	2.12E-10	5.08E-12	3.74E-12	1.04E-11	3.43E-11	2.03E-10	3.24E-12	7.32E-11	3.72E-09	3.44E-10	4.43E-09
10	SG_10	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6364.500	2.39E-08	4.07E-08	Not Modelled	6.24E-10	2.08E-11	5.95E-07	2.25E-09	4.50E-10	4.50E-17	2.25E-10	5.38E-12	3.96E-12	1.10E-11	3.63E-11	2.15E-10	3.43E-12	7.75E-11	3.94E-09	3.65E-10	4.69E-09
11	SG_11	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6364.500	2.27E-08	3.92E-08	Not Modelled	5.73E-10	2.02E-11	5.10E-07	2.18E-09	4.35E-10	4.35E-17	2.18E-10	5.21E-12	3.84E-12	1.07E-11	3.52E-11	2.08E-10	3.32E-12	7.50E-11	3.81E-09	3.53E-10	4.54E-09
12	SG_12	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6364.500	2.35E-08	4.11E-08	Not Modelled	5.80E-10	2.11E-11	4.98E-07	2.28E-09	4.57E-10	4.57E-17	2.29E-10	5.47E-12	4.03E-12	1.12E-11	3.69E-11	2.18E-10	3.49E-12	7.87E-11	4.00E-09	3.71E-10	4.77E-09
13	SG_13	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6364.500	2.44E-08	4.31E-08	Not Modelled	5.80E-10	2.22E-11	4.91E-07	2.40E-09	4.81E-10	4.81E-17	2.40E-10	5.75E-12	4.24E-12	1.18E-11	3.88E-11	2.29E-10	3.67E-12	8.28E-11	4.21E-09	3.90E-10	5.02E-09
14	SG_14	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6364.500	2.53E-08	4.47E-08	Not Modelled	5.69E-10	2.32E-11	4.93E-07	2.51E-09	5.01E-10	5.01E-17	2.51E-10	6.00E-12	4.42E-12	1.23E-11	4.05E-11	2.39E-10	3.83E-12	8.64E-11	4.39E-09	4.07E-10	5.23E-09
15	SG_15	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6364.500	2.67E-08	4.71E-08	Not Modelled	5.78E-10	2.45E-11	5.15E-07	2.65E-09	5.30E-10	5.30E-17	2.65E-10	6.34E-12	4.67E-12	1.30E-11	4.28E-11	2.53E-10	4.04E-12	9.13E-11	4.64E-09	4.30E-10	5.53E-09
16	SG_16	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6364.500	2.87E-08	5.08E-08	Not Modelled	6.05E-10	2.63E-11	5.44E-07	2.85E-09	5.69E-10	5.69E-17	2.85E-10	6.81E-12	5.02E-12	1.40E-11	4.60E-11	2.72E-10	4.35E-12	9.82E-11	4.99E-09	4.62E-10	5.94E-09
17	SG_17	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6364.500	3.14E-08	5.60E-08	Not Modelled	6.43E-10	2.89E-11	5.82E-07	3.12E-09	6.25E-10	6.25E-17	3.13E-10	7.48E-12	5.51E-12	1.53E-11	5.05E-11	2.98E-10	4.77E-12	1.08E-10	5.47E-09	5.07E-10	6.52E-09
18	SG_18	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6364.500	3.62E-08	6.52E-08	Not Modelled	7.30E-10	3.34E-11	6.69E-07	3.61E-09	7.21E-10	7.21E-17	3.61E-10	8.63E-12	6.35E-12	1.77E-11	5.82E-11	3.44E-10	5.50E-12	1.24E-10	6.31E-09	5.85E-10	7.52E-09
19	SG_19	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6364.500	4.23E-08	7.68E-08	Not Modelled	8.50E-10	3.90E-11	7.89E-07	4.22E-09	8.43E-10	8.43E-17	4.22E-10	1.01E-11	7.43E-12	2.07E-11	6.81E-11	4.02E-10	6.44E-12	1.45E-10	7.38E-09	6.84E-10	8.80E-09
20	SG_20	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6364.500	4.60E-08	8.36E-08	Not Modelled	9.14E-10	4.24E-11	8.32E-07	4.58E-09	9.16E-10	9.16E-17	4.58E-10	1.10E-11	8.07E-12	2.25E-11	7.39E-11	4.37E-10	6.99E-12	1.58E-10	8.02E-09	7.43E-10	9.56E-09
21	SG_21	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6364.500	4.83E-08	8.80E-08	Not Modelled	9.60E-10	4.45E-11	8.51E-07	4.81E-09	9.62E-10	9.62E-17	4.81E-10	1.15E-11	8.48E-12	2.36E-11	7.77E-11	4.59E-10	7.35E-12	1.66E-10	8.42E-09	7.80E-10	1.00E-08
22	SG_22	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6364.500	5.12E-08	9.30E-08	Not Modelled	1.03E-09	4.69E-11	8.88E-07	5.07E-09	1.01E-09	1.01E-16	5.07E-10	1.21E-11	8.94E-12	2.49E-11	8.19E-11	4.84E-10	7.74E-12	1.75E-10	8.88E-09	8.22E-10	1.06E-08
23	SG_23	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6364.500	5.48E-08	9.85E-08	Not Modelled	1.11E-09	4.96E-11	9.40E-07	5.37E-09	1.07E-09	1.07E-16	5.37E-10	1.28E-11	9.46E-12	2.63E-11	8.66E-11	5.12E-10	8.19E-12	1.85E-10	9.39E-09	8.70E-10	1.12E-08
24	SG_24	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6364.500	5.91E-08	1.03E-07	Not Modelled	1.18E-09	5.22E-11	9.95E-07	5.64E-09	1.13E-09	1.13E-16	5.64E-10	1.35E-11	9.94E-12	2.77E-11	9.11E-11	5.38E-10	8.61E-12	1.94E-10	9.87E-09	9.15E-10	1.18E-08
25	SG_25	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6364.500	6.55E-08	1.07E-07	Not Modelled	1.27E-09	5.52E-11	1.07E-06	5.97E-09	1.19E-09	1.19E-16	5.97E-10	1.43E-11	1.05E-11	2.93E-11	9.64E-11	5.70E-10	9.12E-12	2.06E-10	1.05E-08	9.68E-10	1.25E-08
26	SG_26	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6364.500	7.43E-08	1.13E-07	Not Modelled	1.37E-09	5.95E-11	1.17E-06	6.43E-09	1.29E-09	1.29E-16	6.43E-10	1.54E-11	1.13E-11	3.15E-11	1.04E-10	6.14E-10	9.82E-12	2.22E-10	1.13E-08	1.04E-09	1.34E-08
27	SG_27	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6364.500	8.01E-08	1.17E-07	Not Modelled	1.41E-09	6.24E-11	1.17E-06	6.74E-09	1.35E-09	1.35E-16	6.74E-10	1.61E-11	1.19E-11	3.31E-11	1.09E-10	6.44E-10	1.03E-11	2.32E-10	1.18E-08	1.09E-09	1.41E-08
28	SG_28	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6364.500	8.82E-08	1.29E-07	Not Modelled	1.52E-09	6.85E-11	1.22E-06	7.40E-09	1.48E-09	1.48E-16	7.40E-10	1.77E-11	1.30E-11	3.63E-11	1.19E-10	7.07E-10	1.13E-11	2.55E-10	1.30E-08	1.20E-09	1.54E-08
29	SG_29	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6364.500	1.01E-07	1.49E-07	Not Modelled	1.74E-09	7.84E-11	1.37E-06	8.48E-09	1.70E-09	1.70E-16	8.48E-10	2.03E-11	1.49E-11	4.16E-11	1.37E-10	8.10E-10	1.29E-11	2.92E-10	1.48E-08	1.38E-09	1.77E-08
30	SG_30	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6364.500	1.17E-07	1.75E-07	Not Modelled	2.08E-09	9.11E-11	1.64E-06	9.85E-09	1.97E-09	1.97E-16	9.85E-10	2.36E-11	1.74E-11	4.83E-11	1.59E-10	9.40E-10	1.50E-11	3.40E-10	1.72E-08	1.60E-09	2.06E-08
31	SG_31	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6364.500	1.23E-07	1.87E-07	Not Modelled	2.29E-09	9.66E-11	1.74E-06	1.04E-08	2.09E-09	2.09E-16	1.04E-09	2.50E-11	1.84E-11	5.12E-11	1.69E-10	9.97E-10	1.60E-11	3.60E-10	1.83E-08	1.69E-09	2.18E-08
32	SG_32	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6364.700	2.88E-08	5.41E-08	Not Modelled	8.98E-10	2.66E-11	6.97E-07	2.87E-09	5.74E-10	5.74E-17	2.87E-10	6.87E-12	5.06E-12	1.41E-11	4.64E-11	2.74E-10	4.38E-12	9.89E-11	5.03E-09	4.66E-10	5.99E-09
33	SG_33	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6364.700	2.78E-08	5.17E-08	Not Modelled	8.61E-10	2.55E-11	6.76E-07	2.76E-09	5.52E-10	5.52E-17	2.76E-10	6.60E-12	4.86E-12	1.35E-11	4.45E-11	2.63E-10	4.21E-12	9.51E-11	4.83E-09	4.48E-10	5.76E-09
34	SG_34	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6364.700	2.72E-08	5.01E-08	Not Modelled	8.36E-10	2.48E-11	6.69E-07	2.68E-09	5.36E-10	5.36E-17	2.68E-10	6.42E-12	4.73E-12	1.32E-11	4.33E-11	2.56E-10	4.09E-12	9.24E-11	4.70E-09	4.35E-10	5.60E-09
35	SG_35	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6364.700	2.67E-08	4.81E-08	Not Modelled	8.12E-10	2.41E-11	6.62E-07	2.60E-09	5.20E-10	5.20E-17	2.60E-10	6.22E-12	4.58E-12	1.28E-11	4.20E-11	2.48E-10	3.97E-12	8.96E-11	4.55E-09	4.22E-10	5.43E-09
36	SG_36	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6364.700	2.61E-08	4.51E-08	Not Modelled	7.75E-10	2.29E-11	6.42E-07	2.47E-09	4.95E-10	4.95E-17	2.48E-10	5.92E-12	4.36E-12	1.21E-11	4.00E-11	2.36E-10	3.78E-12	8.53E-11	4.33E-09	4.01E-10	5.16E-09
37	SG_37	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6364.700	2.61E-08	4.25E-08	Not Modelled	7.49E-10	2.21E-11	6.47E-07	2.38E-09	4.77E-10	4.77E-17	2.39E-10	5.70E-12	4.20E-12	1.17E-11	3.85E-11	2.28E-10	3.64E-12	8.22E-11	4.17E-09	3.87E-10	4.98E-09
38	SG_38	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6364.700	2.59E-08	4.04E-08	Not Modelled	7.13E-10	2.13E-11	6.42E-07	2.30E-09	4.61E-10	4.61E-17	2.30E-10	5.51E-12	4.06E-12	1.13E-11	3.72E-11	2.20E-10	3.52E-12	7.94E-11	4.03E-09	3.74E-10	4.81E-09
39	SG_39	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6364.700	2.61E-08	4.13E-08	Not Modelled	7.01E-10	2.17E-11	6.57E-07	2.34E-09	4.68E-10	4.68E-17	2.34E-10	5.60E-12	4.12E-12	1.15E-11	3.78E-11	2.23E-10	3.57E-12	8.06E-11	4.10E-09	3.80E-10	4.88E-09
40	SG_40	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6364.700	2.52E-08	4.17E-08	Not Modelled	6.62E-10	2.16E-11	6.10E-07	2.33E-09	4.66E-10	4.66E-17	2.33E-10	5.58E-12	4.11E-12	1.14E-11	3.76E-11	2.23E-10	3.56E-12	8.03E-11	4.08E-09	3.78E-10	4.86E-09
41	SG_41	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6364.700	2.57E-08	4.45E-08	Not Modelled	6.70E-10	2.27E-11	6.30E-07	2.45E-09	4.90E-10	4.90E-17	2.45E-10	5.87E-12	4.32E-12	1.20E-11	3.96E-11	2.34E-10	3.74E-12	8.45E-11	4.29E-09	3.98E-10	5.12E-09
42	SG_42	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6364.700	2.46E-08	4.31E-08	Not Modelled	6.17E-10	2.20E-11	5.50E-07	2.38E-09	4.76E-10	4.76E-17	2.38E-10	5.70E-12	4.20E-12	1.17E-11	3.85E-11	2.27E-10	3.64E-12	8.21E-11	4.17E-09	3.86E-10	4.97E-09
43	SG_43	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6364.700	2.54E-08	4.50E-08	Not Modelled	6.26E-10	2.31E-11	5.41E-07	2.50E-09	4.99E-10	4.99E-17	2.50E-10	5.97E-12	4.40E-12	1.22E-11	4.03E-11	2.38E-10	3.81E-12	8.60E-11	4.37E-09	4.05E-10	5.21E-09
44	SG_44	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6364.700	2.68E-08	4.75E-08	Not Modelled	6.34E-10	2.45E-11	5.43E-07	2.65E-09	5.29E-10	5.29E-17	2.65E-10	6.33E-12	4.67E-12	1.30E-11	4.28E-11	2.53E-10	4.04E-12	9.13E-11	4.64E-09	4.30E-10	5.53E-09
45	SG_45	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6364.700	2.79E-08	4.94E-08	Not Modelled	6.23E-10	2.56E-11	5.49E-07	2.77E-09	5.54E-10	5.54E-17	2.77E-10	6.63E-12	4.88E-12	1.36E-11	4.47E-11	2.64E-10	4.23E-12	9.55E-11	4.85E-09	4.49E-10	5.78E-09
46	SG_46	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6364.700	2.91E-08	5.14E-08	Not Modelled	6.23E-10	2.68E-11	5.59E-07	2.89E-09	5.79E-10	5.79E-17	2.90E-10	6.92E-12	5.10E-12	1.42E-11	4.67E-11	2.76E-10	4.42E-12	9.98E-11	5.07E-09	4.70E-10	6.04E-09
47	SG_47	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6364.700	3.15E-08	5.59E-08	Not Modelled	6.57E-10	2.90E-11	6.00E-07	3.13E-09	6.27E-10	6.27E-17	3.14E-10	7.50E-12	5.52E-12	1.54E-11	5.06E-11	2.99E-10	4.79E-12	1.08E-10	5.49E-09	5.08E-10	6.54E-09
48	SG_48	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6364.700	3.46E-08	6.17E-08	Not Modelled	7.00E-10	3.19E-11	6.38E-07	3.44E-09	6.89E-10	6.89E-17	3.45E-10	8.24E-12	6.07E-12	1.69E-11	5.56E-11	3.29E-10	5.26E-12	1.19E-10	6.03E-09	5.59E-10	7.19E-09
49	SG_49	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6364.700	4.06E-08	7.31E-08	Not Modelled	8.12E-10	3.74E-11	7.55E-07	4.04E-09	8.09E-10	8.09E-17	4.04E-10	9.67E-12	7.13E-12	1.98E-11	6.53E-11	3.86E-10	6.17E-12	1.39E-10	7.08E-09	6.56E-10	8.44E-09
50	SG_50	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6364.700	4.68E-08	8.49E-08	Not Modelled	9.31E-10	4.31E-11	8.69E-07	4.66E-09	9.32E-10	9.32E-17	4.66E-10	1.12E-11	8.22E-12	2.29E-11	7.53E-11	4.45E-10	7.12E-12	1.61E-10	8.16E-09	7.56E-10	9.73E-09
51	SG_51	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6364.700	5.00E-08	9.09E-08	Not Modelled	9.87E-10	4.61E-11	8.97E-07	4.99E-09	9.97E-10	9.97E-17	4.99E-10	1.19E-11	8.79E-12	2.44E-11	8.05E-11	4.76E-10	7.61E-12	1.72E-10	8.73E-09	8.09E-10	1.04E-08
52	SG_52	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6364.700	5.36E-08	9.74E-08	Not Modelled	1.06E-09	4.92E-11	9.49E-07	5.32E-09	1.06E-09	1.06E-16	5.32E-10	1.27E-11	9.38E-12	2.61E-11	8.60E-11	5.08E-10	8.13E-12	1.84E-10	9.32E-09	8.64E-10	1.11E-08
53	SG_53	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6364.700	5.71E-08	1.03E-07	Not Modelled	1.15E-09	5.21E-11	9.99E-07	5.63E-09	1.13E-09	1.13E-16	5.64E-10	1.35E-11	9.93E-12	2.76E-11	9.10E-11	5.38E-10	8.60E-12	1.94E-10	9.87E-09	9.14E-10	1.18E-08
54	SG_54	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6364.700	6.19E-08	1.10E-07	Not Modelled	1.24E-09	5.54E-11	1.07E-06	5.99E-09	1.20E-09	1.20E-16	5.99E-10	1.43E-11	1.06E-11	2.94E-11	9.67E-11	5.72E-10	9.14E-12	2.06E-10	1.05E-08	9.71E-10	1.25E-08
55	SG_55	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6364.700	6.82E-08	1.14E-07	Not Modelled	1.33E-09	5.83E-11	1.15E-06	6.30E-09	1.26E-09	1.26E-16	6.30E-10	1.51E-11	1.11E-11	3.09E-11	1.02E-10	6.02E-10	9.62E-12	2.17E-10	1.10E-08	1.02E-09	1.32E-08
56	SG_56	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6364.700	7.52E-08	1.14E-07	Not Modelled	1.39E-09	6.05E-11	1.20E-06	6.53E-09	1.31E-09	1.31E-16	6.54E-10	1.56E-11	1.15E-11	3.20E-11	1.06E-10	6.24E-10	9.98E-12	2.25E-10	1.14E-08	1.06E-09	1.36E-08
57	SG_57	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6364.700	8.40E-08	1.20E-07	Not Modelled	1.48E-09	6.45E-11	1.27E-06	6.98E-09	1.40E-09	1.40E-16	6.98E-10	1.67E-11	1.23E-11	3.42E-11	1.13E-10	6.66E-10	1.07E-11	2.41E-10	1.22E-08	1.13E-09	1.46E-08
58	SG_58	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6364.700	9.95E-08	1.42E-07	Not Modelled	1.73E-09	7.61E-11	1.51E-06	8.23E-09	1.65E-09	1.65E-16	8.23E-10	1.97E-11	1.45E-11	4.04E-11	1.33E-10	7.86E-10	1.26E-11	2.84E-10	1.44E-08	1.34E-09	1.72E-08
59	SG_59	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6364.700	1.22E-07	1.83E-07	Not Modelled	2.19E-09	9.52E-11	1.93E-06	1.03E-08	2.06E-09	2.06E-16	1.03E-09	2.46E-11	1.81E-11	5.04E-11	1.66E-10	9.82E-10	1.57E-11	3.55E-10	1.80E-08	1.67E-09	2.15E-08
60	SG_60	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6364.700	1.28E-07	2.01E-07	Not Modelled	2.38E-09	1.03E-10	1.96E-06	1.11E-08	2.22E-09	2.22E-16	1.11E-09	2.66E-11	1.96E-11	5.46E-11	1.80E-10	1.06E-09	1.70E-11	3.84E-10	1.95E-08	1.80E-09	2.32E-08
61	SG_61	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6364.700	1.23E-07	1.99E-07	Not Modelled	2.40E-09	1.01E-10	1.77E-06	1.09E-08	2.18E-09	2.18E-16	1.09E-09	2.61E-11	1.93E-11	5.36E-11	1.76E-10	1.04E-09	1.67E-11	3.77E-10	1.91E-08	1.77E-09	2.28E-08
62	SG_62	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6364.700	1.19E-07	1.94E-07	Not Modelled	2.45E-09	9.83E-11	1.66E-06	1.06E-08	2.12E-09	2.12E-16	1.06E-09	2.54E-11	1.87E-11	5.21E-11	1.72E-10	1.01E-09	1.62E-11	3.66E-10	1.86E-08	1.72E-09	2.22E-08
63	SG_63	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6364.900	3.28E-08	6.17E-08	Not Modelled	1.02E-09	3.02E-11	8.12E-07	3.27E-09	6.53E-10	6.53E-17	3.27E-10	7.81E-12	5.76E-12	1.60E-11	5.28E-11	3.12E-10	4.99E-12	1.13E-10	5.72E-09	5.30E-10	6.82E-09
64	SG_64	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6364.900	3.18E-08	5.94E-08	Not Modelled	9.93E-10	2.92E-11	8.03E-07	3.16E-09	6.32E-10	6.32E-17	3.16E-10	7.56E-12	5.57E-12	1.55E-11	5.10E-11	3.02E-10	4.82E-12	1.09E-10	5.53E-09	5.13E-10	6.59E-09
65	SG_65	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6364.900	3.05E-08	5.62E-08	Not Modelled	9.43E-10	2.78E-11	7.72E-07	3.00E-09	6.01E-10	6.01E-17	3.01E-10	7.19E-12	5.30E-12	1.47E-11	4.85E-11	2.87E-10	4.59E-12	1.04E-10	5.26E-09	4.88E-10	6.27E-09
66	SG_66	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6364.900	3.05E-08	5.46E-08	Not Modelled	9.33E-10	2.73E-11	7.91E-07	2.95E-09	5.90E-10	5.90E-17	2.95E-10	7.05E-12	5.20E-12	1.45E-11	4.76E-11	2.82E-10	4.50E-12	1.02E-10	5.16E-09	4.78E-10	6.15E-09
67	SG_67	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6364.900	3.00E-08	5.06E-08	Not Modelled	8.88E-10	2.58E-11	7.70E-07	2.79E-09	5.58E-10	5.58E-17	2.79E-10	6.67E-12	4.92E-12	1.37E-11	4.51E-11	2.66E-10	4.26E-12	9.62E-11	4.89E-09	4.53E-10	5.82E-09
68	SG_68	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6364.900	3.08E-08	4.81E-08	Not Modelled	8.78E-10	2.53E-11	8.11E-07	2.73E-09	5.46E-10	5.46E-17	2.73E-10	6.53E-12	4.81E-12	1.34E-11	4.41E-11	2.61E-10	4.17E-12	9.40E-11	4.78E-09	4.43E-10	5.70E-09
69	SG_69	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6364.900	3.00E-08	4.47E-08	Not Modelled	8.16E-10	2.39E-11	7.78E-07	2.58E-09	5.17E-10	5.17E-17	2.59E-10	6.18E-12	4.56E-12	1.27E-11	4.17E-11	2.47E-10	3.94E-12	8.91E-11	4.52E-09	4.19E-10	5.39E-09
70	SG_70	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6364.900	2.79E-08	4.34E-08	Not Modelled	7.42E-10	2.30E-11	6.95E-07	2.48E-09	4.96E-10	4.96E-17	2.48E-10	5.93E-12	4.37E-12	1.22E-11	4.01E-11	2.37E-10	3.79E-12	8.55E-11	4.34E-09	4.03E-10	5.18E-09
71	SG_71	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6364.900	2.78E-08	4.64E-08	Not Modelled	7.37E-10	2.39E-11	6.94E-07	2.58E-09	5.17E-10	5.17E-17	2.59E-10	6.18E-12	4.56E-12	1.27E-11	4.17E-11	2.47E-10	3.94E-12	8.91E-11	4.52E-09	4.19E-10	5.39E-09
72	SG_72	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6364.900	2.71E-08	4.73E-08	Not Modelled	7.06E-10	2.41E-11	6.56E-07	2.60E-09	5.21E-10	5.21E-17	2.60E-10	6.23E-12	4.59E-12	1.28E-11	4.20E-11	2.49E-10	3.97E-12	8.97E-11	4.56E-09	4.22E-10	5.43E-09
73	SG_73	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6364.900	2.66E-08	4.73E-08	Not Modelled	6.74E-10	2.41E-11	6.17E-07	2.60E-09	5.20E-10	5.20E-17	2.60E-10	6.22E-12	4.59E-12	1.28E-11	4.20E-11	2.48E-10	3.97E-12	8.97E-11	4.55E-09	4.22E-10	5.43E-09
74	SG_74	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6364.900	2.79E-08	4.99E-08	Not Modelled	6.91E-10	2.55E-11	6.25E-07	2.75E-09	5.50E-10	5.50E-17	2.75E-10	6.58E-12	4.85E-12	1.35E-11	4.44E-11	2.63E-10	4.20E-12	9.48E-11	4.82E-09	4.46E-10	5.74E-09
75	SG_75	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6364.900	2.91E-08	5.20E-08	Not Modelled	6.92E-10	2.67E-11	6.10E-07	2.89E-09	5.78E-10	5.78E-17	2.89E-10	6.91E-12	5.09E-12	1.42E-11	4.67E-11	2.76E-10	4.41E-12	9.96E-11	5.06E-09	4.69E-10	6.03E-09
76	SG_76	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6364.900	3.04E-08	5.39E-08	Not Modelled	6.78E-10	2.80E-11	6.09E-07	3.02E-09	6.05E-10	6.05E-17	3.03E-10	7.24E-12	5.33E-12	1.48E-11	4.88E-11	2.89E-10	4.62E-12	1.04E-10	5.29E-09	4.91E-10	6.31E-09
77	SG_77	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6364.900	3.18E-08	5.62E-08	Not Modelled	6.76E-10	2.93E-11	6.16E-07	3.16E-09	6.33E-10	6.33E-17	3.17E-10	7.57E-12	5.58E-12	1.55E-11	5.11E-11	3.02E-10	4.83E-12	1.09E-10	5.54E-09	5.13E-10	6.60E-09
78	SG_78	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6364.900	3.44E-08	6.09E-08	Not Modelled	7.08E-10	3.17E-11	6.51E-07	3.42E-09	6.84E-10	6.84E-17	3.42E-10	8.18E-12	6.03E-12	1.68E-11	5.52E-11	3.27E-10	5.22E-12	1.18E-10	5.99E-09	5.55E-10	7.14E-09
79	SG_79	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6364.900	3.87E-08	6.89E-08	Not Modelled	7.75E-10	3.56E-11	7.19E-07	3.85E-09	7.70E-10	7.70E-17	3.85E-10	9.21E-12	6.79E-12	1.89E-11	6.22E-11	3.68E-10	5.88E-12	1.33E-10	6.74E-09	6.25E-10	8.04E-09
80	SG_80	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6364.900	4.51E-08	8.12E-08	Not Modelled	8.96E-10	4.16E-11	8.37E-07	4.50E-09	8.99E-10	8.99E-17	4.50E-10	1.08E-11	7.93E-12	2.21E-11	7.26E-11	4.29E-10	6.87E-12	1.55E-10	7.87E-09	7.30E-10	9.39E-09
81	SG_81	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6364.900	5.23E-08	9.48E-08	Not Modelled	1.03E-09	4.82E-11	9.74E-07	5.21E-09	1.04E-09	1.04E-16	5.21E-10	1.25E-11	9.18E-12	2.55E-11	8.41E-11	4.97E-10	7.95E-12	1.80E-10	9.12E-09	8.45E-10	1.09E-08
82	SG_82	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6364.900	5.75E-08	1.05E-07	Not Modelled	1.13E-09	5.30E-11	1.07E-06	5.73E-09	1.15E-09	1.15E-16	5.73E-10	1.37E-11	1.01E-11	2.81E-11	9.25E-11	5.47E-10	8.75E-12	1.97E-10	1.00E-08	9.29E-10	1.20E-08
83	SG_83	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6364.900	6.10E-08	1.11E-07	Not Modelled	1.22E-09	5.60E-11	1.11E-06	6.05E-09	1.21E-09	1.21E-16	6.05E-10	1.45E-11	1.07E-11	2.97E-11	9.77E-11	5.78E-10	9.24E-12	2.09E-10	1.06E-08	9.82E-10	1.26E-08
84	SG_84	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6364.900	6.60E-08	1.19E-07	Not Modelled	1.33E-09	5.99E-11	1.18E-06	6.47E-09	1.29E-09	1.29E-16	6.47E-10	1.55E-11	1.14E-11	3.17E-11	1.05E-10	6.18E-10	9.88E-12	2.23E-10	1.13E-08	1.05E-09	1.35E-08
85	SG_85	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6364.900	7.33E-08	1.27E-07	Not Modelled	1.47E-09	6.45E-11	1.30E-06	6.97E-09	1.39E-09	1.39E-16	6.98E-10	1.67E-11	1.23E-11	3.42E-11	1.13E-10	6.66E-10	1.06E-11	2.40E-10	1.22E-08	1.13E-09	1.46E-08

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 2 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**3.08E-06**	**5.69E-06**	**0.00E+00**	**3.69E-07**	**2.85E-09**	**1.88E-04**	**3.08E-07**	**6.16E-08**	**6.16E-15**	**3.08E-08**	**7.37E-10**	**5.43E-10**	**1.51E-09**	**4.98E-09**	**2.94E-08**	**4.71E-10**	**1.06E-08**	**5.40E-07**	**5.00E-08**	**6.43E-07**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
86	SG_86	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6364.900	8.14E-08	1.30E-07	Not Modelled	1.56E-09	6.74E-11	1.38E-06	7.29E-09	1.46E-09	1.46E-16	7.29E-10	1.74E-11	1.28E-11	3.57E-11	1.18E-10	6.96E-10	1.11E-11	2.51E-10	1.28E-08	1.18E-09	1.52E-08
87	SG_87	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6364.900	9.04E-08	1.31E-07	Not Modelled	1.63E-09	7.03E-11	1.44E-06	7.60E-09	1.52E-09	1.52E-16	7.60E-10	1.82E-11	1.34E-11	3.73E-11	1.23E-10	7.26E-10	1.16E-11	2.62E-10	1.33E-08	1.23E-09	1.59E-08
88	SG_88	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6364.900	1.01E-07	1.43E-07	Not Modelled	1.77E-09	7.68E-11	1.55E-06	8.30E-09	1.66E-09	1.66E-16	8.31E-10	1.99E-11	1.46E-11	4.07E-11	1.34E-10	7.93E-10	1.27E-11	2.86E-10	1.45E-08	1.35E-09	1.73E-08
89	SG_89	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6364.900	1.28E-07	1.93E-07	Not Modelled	2.37E-09	1.01E-10	2.16E-06	1.09E-08	2.17E-09	2.17E-16	1.09E-09	2.60E-11	1.92E-11	5.33E-11	1.75E-10	1.04E-09	1.66E-11	3.75E-10	1.90E-08	1.76E-09	2.27E-08
90	SG_90	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6364.900	1.26E-07	2.04E-07	Not Modelled	2.45E-09	1.04E-10	1.99E-06	1.12E-08	2.24E-09	2.24E-16	1.12E-09	2.68E-11	1.97E-11	5.49E-11	1.81E-10	1.07E-09	1.71E-11	3.86E-10	1.96E-08	1.82E-09	2.34E-08
91	SG_91	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6364.900	1.21E-07	2.06E-07	Not Modelled	2.50E-09	1.03E-10	1.80E-06	1.11E-08	2.23E-09	2.23E-16	1.11E-09	2.67E-11	1.96E-11	5.47E-11	1.80E-10	1.06E-09	1.70E-11	3.84E-10	1.95E-08	1.81E-09	2.33E-08
92	SG_92	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6364.900	1.24E-07	2.16E-07	Not Modelled	2.72E-09	1.07E-10	1.83E-06	1.16E-08	2.31E-09	2.31E-16	1.16E-09	2.77E-11	2.04E-11	5.67E-11	1.87E-10	1.10E-09	1.77E-11	3.99E-10	2.03E-08	1.88E-09	2.41E-08
93	SG_93	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6364.900	1.26E-07	2.24E-07	Not Modelled	2.95E-09	1.10E-10	1.90E-06	1.19E-08	2.39E-09	2.39E-16	1.19E-09	2.85E-11	2.10E-11	5.85E-11	1.93E-10	1.14E-09	1.82E-11	4.11E-10	2.09E-08	1.94E-09	2.49E-08
94	SG_94	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.100	3.72E-08	7.02E-08	Not Modelled	1.16E-09	3.43E-11	9.32E-07	3.71E-09	7.41E-10	7.41E-17	3.71E-10	8.87E-12	6.53E-12	1.82E-11	5.99E-11	3.54E-10	5.66E-12	1.28E-10	6.49E-09	6.02E-10	7.74E-09
95	SG_95	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.100	3.67E-08	6.87E-08	Not Modelled	1.15E-09	3.37E-11	9.48E-07	3.64E-09	7.27E-10	7.27E-17	3.64E-10	8.70E-12	6.41E-12	1.78E-11	5.87E-11	3.47E-10	5.55E-12	1.25E-10	6.37E-09	5.90E-10	7.59E-09
96	SG_96	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.100	3.57E-08	6.59E-08	Not Modelled	1.11E-09	3.25E-11	9.46E-07	3.51E-09	7.02E-10	7.02E-17	3.51E-10	8.39E-12	6.19E-12	1.72E-11	5.67E-11	3.35E-10	5.36E-12	1.21E-10	6.14E-09	5.69E-10	7.32E-09
97	SG_97	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.100	3.41E-08	6.06E-08	Not Modelled	1.04E-09	3.03E-11	8.98E-07	3.27E-09	6.55E-10	6.55E-17	3.28E-10	7.83E-12	5.77E-12	1.61E-11	5.29E-11	3.12E-10	5.00E-12	1.13E-10	5.73E-09	5.31E-10	6.83E-09
98	SG_98	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6365.100	3.48E-08	5.79E-08	Not Modelled	1.03E-09	2.96E-11	9.42E-07	3.20E-09	6.40E-10	6.40E-17	3.20E-10	7.65E-12	5.64E-12	1.57E-11	5.17E-11	3.05E-10	4.88E-12	1.10E-10	5.60E-09	5.19E-10	6.68E-09
99	SG_99	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6365.100	3.70E-08	5.58E-08	Not Modelled	1.05E-09	2.96E-11	1.05E-06	3.19E-09	6.39E-10	6.39E-17	3.20E-10	7.64E-12	5.63E-12	1.57E-11	5.16E-11	3.05E-10	4.88E-12	1.10E-10	5.59E-09	5.18E-10	6.67E-09
100	SG_100	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.100	3.53E-08	5.07E-08	Not Modelled	9.53E-10	2.75E-11	9.70E-07	2.97E-09	5.94E-10	5.94E-17	2.97E-10	7.10E-12	5.23E-12	1.46E-11	4.79E-11	2.83E-10	4.53E-12	1.02E-10	5.20E-09	4.82E-10	6.19E-09
101	SG_101	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.100	3.15E-08	4.83E-08	Not Modelled	8.39E-10	2.56E-11	8.19E-07	2.77E-09	5.54E-10	5.54E-17	2.77E-10	6.63E-12	4.88E-12	1.36E-11	4.47E-11	2.64E-10	4.23E-12	9.55E-11	4.85E-09	4.50E-10	5.78E-09
102	SG_102	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.100	3.00E-08	5.04E-08	Not Modelled	8.08E-10	2.60E-11	7.76E-07	2.80E-09	5.61E-10	5.61E-17	2.81E-10	6.71E-12	4.94E-12	1.38E-11	4.53E-11	2.68E-10	4.28E-12	9.66E-11	4.91E-09	4.55E-10	5.85E-09
103	SG_103	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.100	2.96E-08	5.22E-08	Not Modelled	7.88E-10	2.65E-11	7.59E-07	2.86E-09	5.72E-10	5.72E-17	2.86E-10	6.84E-12	5.04E-12	1.40E-11	4.62E-11	2.73E-10	4.36E-12	9.85E-11	5.01E-09	4.64E-10	5.97E-09
104	SG_104	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.100	2.91E-08	5.22E-08	Not Modelled	7.53E-10	2.65E-11	7.26E-07	2.86E-09	5.72E-10	5.72E-17	2.86E-10	6.84E-12	5.04E-12	1.40E-11	4.62E-11	2.73E-10	4.37E-12	9.86E-11	5.01E-09	4.64E-10	5.97E-09
105	SG_105	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.100	2.95E-08	5.29E-08	Not Modelled	7.35E-10	2.70E-11	6.86E-07	2.91E-09	5.83E-10	5.83E-17	2.91E-10	6.97E-12	5.14E-12	1.43E-11	4.70E-11	2.78E-10	4.45E-12	1.00E-10	5.10E-09	4.73E-10	6.08E-09
106	SG_106	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.100	3.13E-08	5.60E-08	Not Modelled	7.49E-10	2.88E-11	6.81E-07	3.11E-09	6.22E-10	6.22E-17	3.11E-10	7.44E-12	5.48E-12	1.52E-11	5.02E-11	2.97E-10	4.75E-12	1.07E-10	5.44E-09	5.04E-10	6.49E-09
107	SG_107	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.100	3.33E-08	5.92E-08	Not Modelled	7.47E-10	3.07E-11	6.91E-07	3.32E-09	6.63E-10	6.63E-17	3.32E-10	7.93E-12	5.84E-12	1.63E-11	5.35E-11	3.17E-10	5.06E-12	1.14E-10	5.80E-09	5.38E-10	6.92E-09
108	SG_108	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.100	3.50E-08	6.19E-08	Not Modelled	7.43E-10	3.23E-11	6.94E-07	3.49E-09	6.97E-10	6.97E-17	3.49E-10	8.34E-12	6.15E-12	1.71E-11	5.63E-11	3.33E-10	5.32E-12	1.20E-10	6.10E-09	5.66E-10	7.28E-09
109	SG_109	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.100	3.81E-08	6.75E-08	Not Modelled	7.80E-10	3.51E-11	7.30E-07	3.79E-09	7.59E-10	7.59E-17	3.79E-10	9.08E-12	6.69E-12	1.86E-11	6.13E-11	3.62E-10	5.79E-12	1.31E-10	6.64E-09	6.15E-10	7.92E-09
110	SG_110	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.100	4.35E-08	7.77E-08	Not Modelled	8.68E-10	4.01E-11	8.21E-07	4.34E-09	8.67E-10	8.67E-17	4.34E-10	1.04E-11	7.64E-12	2.13E-11	7.00E-11	4.14E-10	6.62E-12	1.49E-10	7.59E-09	7.03E-10	9.05E-09
111	SG_111	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.100	5.17E-08	9.31E-08	Not Modelled	1.02E-09	4.76E-11	9.79E-07	5.15E-09	1.03E-09	1.03E-16	5.15E-10	1.23E-11	9.08E-12	2.53E-11	8.31E-11	4.92E-10	7.86E-12	1.78E-10	9.01E-09	8.35E-10	1.07E-08
112	SG_112	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.100	5.88E-08	1.07E-07	Not Modelled	1.16E-09	5.42E-11	1.11E-06	5.86E-09	1.17E-09	1.17E-16	5.86E-10	1.40E-11	1.03E-11	2.87E-11	9.46E-11	5.59E-10	8.94E-12	2.02E-10	1.03E-08	9.50E-10	1.22E-08
113	SG_113	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.100	6.49E-08	1.18E-07	Not Modelled	1.28E-09	5.96E-11	1.22E-06	6.44E-09	1.29E-09	1.29E-16	6.44E-10	1.54E-11	1.14E-11	3.16E-11	1.04E-10	6.15E-10	9.84E-12	2.22E-10	1.13E-08	1.04E-09	1.34E-08
114	SG_114	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.100	6.92E-08	1.25E-07	Not Modelled	1.39E-09	6.33E-11	1.27E-06	6.84E-09	1.37E-09	1.37E-16	6.84E-10	1.64E-11	1.21E-11	3.35E-11	1.10E-10	6.53E-10	1.04E-11	2.36E-10	1.20E-08	1.11E-09	1.43E-08
115	SG_115	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.100	7.65E-08	1.37E-07	Not Modelled	1.55E-09	6.89E-11	1.40E-06	7.44E-09	1.49E-09	1.49E-16	7.45E-10	1.78E-11	1.31E-11	3.65E-11	1.20E-10	7.11E-10	1.14E-11	2.57E-10	1.30E-08	1.21E-09	1.55E-08
116	SG_116	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.100	8.43E-08	1.44E-07	Not Modelled	1.68E-09	7.31E-11	1.49E-06	7.90E-09	1.58E-09	1.58E-16	7.90E-10	1.89E-11	1.39E-11	3.88E-11	1.28E-10	7.55E-10	1.21E-11	2.72E-10	1.38E-08	1.28E-09	1.65E-08
117	SG_117	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.100	9.48E-08	1.47E-07	Not Modelled	1.79E-09	7.71E-11	1.59E-06	8.33E-09	1.67E-09	1.67E-16	8.34E-10	1.99E-11	1.47E-11	4.09E-11	1.35E-10	7.96E-10	1.27E-11	2.87E-10	1.46E-08	1.35E-09	1.74E-08
118	SG_118	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.100	1.05E-07	1.53E-07	Not Modelled	1.90E-09	8.16E-11	1.67E-06	8.82E-09	1.76E-09	1.76E-16	8.82E-10	2.11E-11	1.55E-11	4.32E-11	1.42E-10	8.42E-10	1.35E-11	3.04E-10	1.54E-08	1.43E-09	1.84E-08
119	SG_119	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.100	1.24E-07	1.86E-07	Not Modelled	2.30E-09	9.75E-11	2.03E-06	1.05E-08	2.11E-09	2.11E-16	1.05E-09	2.52E-11	1.86E-11	5.17E-11	1.70E-10	1.01E-09	1.61E-11	3.63E-10	1.84E-08	1.71E-09	2.20E-08
120	SG_120	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.100	1.25E-07	2.05E-07	Not Modelled	2.51E-09	1.04E-10	2.01E-06	1.12E-08	2.25E-09	2.25E-16	1.13E-09	2.69E-11	1.98E-11	5.52E-11	1.82E-10	1.07E-09	1.72E-11	3.88E-10	1.97E-08	1.82E-09	2.35E-08
121	SG_121	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.100	1.30E-07	2.27E-07	Not Modelled	2.82E-09	1.13E-10	2.08E-06	1.22E-08	2.44E-09	2.44E-16	1.22E-09	2.92E-11	2.15E-11	5.98E-11	1.97E-10	1.16E-09	1.86E-11	4.20E-10	2.13E-08	1.98E-09	2.54E-08
122	SG_122	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.100	1.33E-07	2.40E-07	Not Modelled	3.08E-09	1.18E-10	2.11E-06	1.27E-08	2.55E-09	2.55E-16	1.27E-09	3.05E-11	2.25E-11	6.25E-11	2.06E-10	1.22E-09	1.95E-11	4.39E-10	2.23E-08	2.07E-09	2.66E-08
123	SG_123	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.100	1.41E-07	2.60E-07	Not Modelled	3.47E-09	1.26E-10	2.30E-06	1.37E-08	2.73E-09	2.73E-16	1.37E-09	3.27E-11	2.41E-11	6.70E-11	2.21E-10	1.31E-09	2.09E-11	4.71E-10	2.39E-08	2.22E-09	2.85E-08
124	SG_124	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.100	1.38E-07	2.56E-07	Not Modelled	3.58E-09	1.25E-10	2.24E-06	1.35E-08	2.69E-09	2.69E-16	1.35E-09	3.22E-11	2.37E-11	6.60E-11	2.17E-10	1.29E-09	2.06E-11	4.64E-10	2.36E-08	2.18E-09	2.81E-08
125	SG_125	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.300	4.22E-08	7.96E-08	Not Modelled	1.30E-09	3.89E-11	1.07E-06	4.20E-09	8.40E-10	8.40E-17	4.20E-10	1.00E-11	7.40E-12	2.06E-11	6.78E-11	4.01E-10	6.41E-12	1.45E-10	7.35E-09	6.81E-10	8.76E-09
126	SG_126	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.300	4.16E-08	7.79E-08	Not Modelled	1.29E-09	3.81E-11	1.08E-06	4.12E-09	8.24E-10	8.24E-17	4.12E-10	9.86E-12	7.26E-12	2.02E-11	6.65E-11	3.93E-10	6.29E-12	1.42E-10	7.21E-09	6.69E-10	8.60E-09
127	SG_127	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.300	4.06E-08	7.45E-08	Not Modelled	1.26E-09	3.67E-11	1.08E-06	3.97E-09	7.94E-10	7.94E-17	3.97E-10	9.49E-12	7.00E-12	1.95E-11	6.41E-11	3.79E-10	6.06E-12	1.37E-10	6.95E-09	6.44E-10	8.28E-09
128	SG_128	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.300	3.98E-08	7.05E-08	Not Modelled	1.22E-09	3.52E-11	1.09E-06	3.81E-09	7.61E-10	7.61E-17	3.81E-10	9.10E-12	6.71E-12	1.87E-11	6.15E-11	3.63E-10	5.81E-12	1.31E-10	6.66E-09	6.18E-10	7.94E-09
129	SG_129	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.300	4.04E-08	6.69E-08	Not Modelled	1.20E-09	3.42E-11	1.14E-06	3.69E-09	7.39E-10	7.39E-17	3.70E-10	8.84E-12	6.51E-12	1.81E-11	5.97E-11	3.53E-10	5.64E-12	1.27E-10	6.47E-09	6.00E-10	7.71E-09
130	SG_130	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.300	4.09E-08	6.16E-08	Not Modelled	1.15E-09	3.26E-11	1.16E-06	3.52E-09	7.05E-10	7.05E-17	3.53E-10	8.43E-12	6.21E-12	1.73E-11	5.69E-11	3.37E-10	5.38E-12	1.21E-10	6.17E-09	5.72E-10	7.36E-09
131	SG_131	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.300	3.89E-08	5.62E-08	Not Modelled	1.05E-09	3.03E-11	1.07E-06	3.28E-09	6.56E-10	6.56E-17	3.28E-10	7.84E-12	5.78E-12	1.61E-11	5.29E-11	3.13E-10	5.01E-12	1.13E-10	5.74E-09	5.32E-10	6.84E-09
132	SG_132	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.300	3.60E-08	5.57E-08	Not Modelled	9.76E-10	2.94E-11	9.95E-07	3.18E-09	6.36E-10	6.36E-17	3.18E-10	7.61E-12	5.61E-12	1.56E-11	5.14E-11	3.04E-10	4.85E-12	1.10E-10	5.57E-09	5.16E-10	6.64E-09
133	SG_133	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.300	3.27E-08	5.53E-08	Not Modelled	8.95E-10	2.84E-11	8.78E-07	3.07E-09	6.14E-10	6.14E-17	3.07E-10	7.35E-12	5.41E-12	1.51E-11	4.96E-11	2.93E-10	4.69E-12	1.06E-10	5.38E-09	4.98E-10	6.41E-09
134	SG_134	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.300	3.24E-08	5.74E-08	Not Modelled	8.85E-10	2.91E-11	8.82E-07	3.14E-09	6.29E-10	6.29E-17	3.15E-10	7.52E-12	5.54E-12	1.54E-11	5.08E-11	3.00E-10	4.80E-12	1.08E-10	5.50E-09	5.10E-10	6.56E-09
135	SG_135	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.300	3.17E-08	5.71E-08	Not Modelled	8.38E-10	2.89E-11	8.40E-07	3.12E-09	6.24E-10	6.24E-17	3.12E-10	7.47E-12	5.50E-12	1.53E-11	5.04E-11	2.98E-10	4.76E-12	1.08E-10	5.46E-09	5.06E-10	6.51E-09
136	SG_136	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.300	3.16E-08	5.68E-08	Not Modelled	7.98E-10	2.89E-11	7.78E-07	3.13E-09	6.25E-10	6.25E-17	3.13E-10	7.48E-12	5.51E-12	1.53E-11	5.05E-11	2.98E-10	4.77E-12	1.08E-10	5.47E-09	5.07E-10	6.52E-09
137	SG_137	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.300	3.41E-08	6.11E-08	Not Modelled	8.27E-10	3.13E-11	7.90E-07	3.39E-09	6.77E-10	6.77E-17	3.39E-10	8.10E-12	5.97E-12	1.66E-11	5.47E-11	3.23E-10	5.17E-12	1.17E-10	5.93E-09	5.49E-10	7.07E-09
138	SG_138	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.300	3.65E-08	6.47E-08	Not Modelled	8.22E-10	3.35E-11	7.86E-07	3.62E-09	7.24E-10	7.24E-17	3.62E-10	8.67E-12	6.39E-12	1.78E-11	5.85E-11	3.46E-10	5.53E-12	1.25E-10	6.34E-09	5.88E-10	7.56E-09
139	SG_139	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.300	3.85E-08	6.80E-08	Not Modelled	8.16E-10	3.54E-11	7.79E-07	3.83E-09	7.66E-10	7.66E-17	3.83E-10	9.16E-12	6.75E-12	1.88E-11	6.18E-11	3.66E-10	5.85E-12	1.32E-10	6.71E-09	6.21E-10	7.99E-09
140	SG_140	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.300	4.31E-08	7.64E-08	Not Modelled	8.80E-10	3.97E-11	8.54E-07	4.29E-09	8.57E-10	8.57E-17	4.29E-10	1.03E-11	7.56E-12	2.10E-11	6.92E-11	4.09E-10	6.55E-12	1.48E-10	7.51E-09	6.96E-10	8.95E-09
141	SG_141	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.300	4.94E-08	8.79E-08	Not Modelled	9.81E-10	4.54E-11	9.45E-07	4.91E-09	9.81E-10	9.81E-17	4.91E-10	1.17E-11	8.65E-12	2.41E-11	7.92E-11	4.69E-10	7.49E-12	1.69E-10	8.59E-09	7.96E-10	1.02E-08
142	SG_142	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.300	5.87E-08	1.05E-07	Not Modelled	1.16E-09	5.40E-11	1.13E-06	5.83E-09	1.17E-09	1.17E-16	5.83E-10	1.40E-11	1.03E-11	2.86E-11	9.42E-11	5.57E-10	8.90E-12	2.01E-10	1.02E-08	9.46E-10	1.22E-08
143	SG_143	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.300	6.73E-08	1.21E-07	Not Modelled	1.32E-09	6.17E-11	1.29E-06	6.67E-09	1.33E-09	1.33E-16	6.68E-10	1.60E-11	1.18E-11	3.27E-11	1.08E-10	6.37E-10	1.02E-11	2.30E-10	1.17E-08	1.08E-09	1.39E-08
144	SG_144	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.300	7.49E-08	1.35E-07	Not Modelled	1.49E-09	6.83E-11	1.44E-06	7.39E-09	1.48E-09	1.48E-16	7.39E-10	1.77E-11	1.30E-11	3.62E-11	1.19E-10	7.05E-10	1.13E-11	2.55E-10	1.29E-08	1.20E-09	1.54E-08
145	SG_145	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.300	8.03E-08	1.44E-07	Not Modelled	1.61E-09	7.25E-11	1.50E-06	7.83E-09	1.57E-09	1.57E-16	7.84E-10	1.87E-11	1.38E-11	3.84E-11	1.27E-10	7.48E-10	1.20E-11	2.70E-10	1.37E-08	1.27E-09	1.64E-08
146	SG_146	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.300	8.92E-08	1.55E-07	Not Modelled	1.80E-09	7.87E-11	1.64E-06	8.51E-09	1.70E-09	1.70E-16	8.51E-10	2.04E-11	1.50E-11	4.17E-11	1.37E-10	8.13E-10	1.30E-11	2.93E-10	1.49E-08	1.38E-09	1.78E-08
147	SG_147	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.300	1.01E-07	1.66E-07	Not Modelled	1.99E-09	8.53E-11	1.80E-06	9.22E-09	1.84E-09	1.84E-16	9.23E-10	2.21E-11	1.63E-11	4.52E-11	1.49E-10	8.81E-10	1.41E-11	3.18E-10	1.62E-08	1.50E-09	1.93E-08
148	SG_148	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.300	1.22E-07	1.88E-07	Not Modelled	2.32E-09	9.82E-11	2.16E-06	1.06E-08	2.12E-09	2.12E-16	1.06E-09	2.54E-11	1.87E-11	5.20E-11	1.71E-10	1.01E-09	1.62E-11	3.66E-10	1.86E-08	1.72E-09	2.21E-08
149	SG_149	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.300	1.24E-07	1.88E-07	Not Modelled	2.34E-09	9.87E-11	2.04E-06	1.07E-08	2.13E-09	2.13E-16	1.07E-09	2.55E-11	1.88E-11	5.23E-11	1.72E-10	1.02E-09	1.63E-11	3.68E-10	1.87E-08	1.73E-09	2.23E-08
150	SG_150	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.300	1.39E-07	2.25E-07	Not Modelled	2.80E-09	1.15E-10	2.34E-06	1.24E-08	2.48E-09	2.48E-16	1.24E-09	2.97E-11	2.19E-11	6.08E-11	2.00E-10	1.18E-09	1.89E-11	4.27E-10	2.17E-08	2.01E-09	2.59E-08
151	SG_151	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.300	1.37E-07	2.40E-07	Not Modelled	3.05E-09	1.19E-10	2.26E-06	1.29E-08	2.58E-09	2.58E-16	1.29E-09	3.08E-11	2.27E-11	6.32E-11	2.08E-10	1.23E-09	1.97E-11	4.44E-10	2.26E-08	2.09E-09	2.69E-08
152	SG_152	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.300	1.41E-07	2.59E-07	Not Modelled	3.40E-09	1.27E-10	2.33E-06	1.37E-08	2.74E-09	2.74E-16	1.37E-09	3.27E-11	2.41E-11	6.71E-11	2.21E-10	1.31E-09	2.09E-11	4.72E-10	2.40E-08	2.22E-09	2.86E-08
153	SG_153	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.300	1.43E-07	2.67E-07	Not Modelled	3.66E-09	1.30E-10	2.36E-06	1.40E-08	2.80E-09	2.80E-16	1.40E-09	3.36E-11	2.47E-11	6.88E-11	2.26E-10	1.34E-09	2.14E-11	4.84E-10	2.46E-08	2.28E-09	2.93E-08
154	SG_154	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.300	1.43E-07	2.69E-07	Not Modelled	3.86E-09	1.31E-10	2.37E-06	1.41E-08	2.82E-09	2.82E-16	1.41E-09	3.38E-11	2.49E-11	6.93E-11	2.28E-10	1.35E-09	2.16E-11	4.87E-10	2.47E-08	2.29E-09	2.95E-08
155	SG_155	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.300	1.41E-07	2.66E-07	Not Modelled	3.99E-09	1.29E-10	2.34E-06	1.39E-08	2.79E-09	2.79E-16	1.39E-09	3.33E-11	2.46E-11	6.83E-11	2.25E-10	1.33E-09	2.13E-11	4.80E-10	2.44E-08	2.26E-09	2.91E-08
156	SG_156	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.500	4.63E-08	8.74E-08	Not Modelled	1.42E-09	4.26E-11	1.17E-06	4.61E-09	9.21E-10	9.21E-17	4.61E-10	1.10E-11	8.12E-12	2.26E-11	7.44E-11	4.40E-10	7.03E-12	1.59E-10	8.07E-09	7.48E-10	9.62E-09
157	SG_157	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.500	4.67E-08	8.71E-08	Not Modelled	1.44E-09	4.27E-11	1.20E-06	4.61E-09	9.22E-10	9.22E-17	4.61E-10	1.10E-11	8.12E-12	2.26E-11	7.44E-11	4.40E-10	7.03E-12	1.59E-10	8.07E-09	7.48E-10	9.62E-09
158	SG_158	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.500	4.82E-08	8.75E-08	Not Modelled	1.49E-09	4.32E-11	1.30E-06	4.67E-09	9.33E-10	9.33E-17	4.67E-10	1.12E-11	8.22E-12	2.29E-11	7.53E-11	4.45E-10	7.12E-12	1.61E-10	8.17E-09	7.57E-10	9.74E-09
159	SG_159	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.500	4.76E-08	8.21E-08	Not Modelled	1.45E-09	4.12E-11	1.32E-06	4.46E-09	8.91E-10	8.91E-17	4.46E-10	1.07E-11	7.85E-12	2.19E-11	7.20E-11	4.25E-10	6.80E-12	1.54E-10	7.80E-09	7.23E-10	9.30E-09
160	SG_160	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.500	4.74E-08	7.75E-08	Not Modelled	1.41E-09	3.97E-11	1.36E-06	4.29E-09	8.57E-10	8.57E-17	4.29E-10	1.03E-11	7.56E-12	2.10E-11	6.92E-11	4.09E-10	6.54E-12	1.48E-10	7.51E-09	6.96E-10	8.95E-09
161	SG_161	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.500	4.56E-08	7.10E-08	Not Modelled	1.31E-09	3.71E-11	1.32E-06	4.01E-09	8.01E-10	8.01E-17	4.01E-10	9.58E-12	7.06E-12	1.96E-11	6.47E-11	3.82E-10	6.11E-12	1.38E-10	7.01E-09	6.50E-10	8.36E-09
162	SG_162	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.500	4.40E-08	6.75E-08	Not Modelled	1.23E-09	3.56E-11	1.29E-06	3.84E-09	7.68E-10	7.68E-17	3.84E-10	9.19E-12	6.77E-12	1.88E-11	6.20E-11	3.67E-10	5.86E-12	1.32E-10	6.73E-09	6.23E-10	8.02E-09
163	SG_163	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.500	4.11E-08	6.64E-08	Not Modelled	1.15E-09	3.45E-11	1.21E-06	3.72E-09	7.45E-10	7.45E-17	3.73E-10	8.91E-12	6.56E-12	1.83E-11	6.01E-11	3.55E-10	5.68E-12	1.28E-10	6.52E-09	6.04E-10	7.77E-09
164	SG_164	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.500	3.76E-08	6.47E-08	Not Modelled	1.06E-09	3.30E-11	1.08E-06	3.57E-09	7.14E-10	7.14E-17	3.57E-10	8.54E-12	6.29E-12	1.75E-11	5.76E-11	3.41E-10	5.45E-12	1.23E-10	6.25E-09	5.79E-10	7.45E-09
165	SG_165	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.500	3.62E-08	6.44E-08	Not Modelled	1.01E-09	3.26E-11	1.03E-06	3.52E-09	7.04E-10	7.04E-17	3.52E-10	8.43E-12	6.21E-12	1.73E-11	5.69E-11	3.36E-10	5.38E-12	1.21E-10	6.17E-09	5.72E-10	7.35E-09
166	SG_166	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.500	3.55E-08	6.38E-08	Not Modelled	9.59E-10	3.23E-11	9.91E-07	3.49E-09	6.97E-10	6.97E-17	3.49E-10	8.34E-12	6.15E-12	1.71E-11	5.63E-11	3.33E-10	5.32E-12	1.20E-10	6.11E-09	5.66E-10	7.28E-09
167	SG_167	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.500	3.51E-08	6.31E-08	Not Modelled	9.03E-10	3.21E-11	9.26E-07	3.47E-09	6.93E-10	6.93E-17	3.47E-10	8.29E-12	6.11E-12	1.70E-11	5.60E-11	3.31E-10	5.29E-12	1.19E-10	6.07E-09	5.62E-10	7.23E-09
168	SG_168	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.500	3.73E-08	6.67E-08	Not Modelled	9.18E-10	3.42E-11	9.18E-07	3.69E-09	7.39E-10	7.39E-17	3.70E-10	8.84E-12	6.51E-12	1.81E-11	5.97E-11	3.53E-10	5.64E-12	1.27E-10	6.47E-09	5.99E-10	7.71E-09
169	SG_169	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.500	3.98E-08	7.05E-08	Not Modelled	9.06E-10	3.65E-11	8.90E-07	3.95E-09	7.89E-10	7.89E-17	3.95E-10	9.44E-12	6.95E-12	1.93E-11	6.37E-11	3.77E-10	6.02E-12	1.36E-10	6.91E-09	6.40E-10	8.23E-09
170	SG_170	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.500	4.30E-08	7.57E-08	Not Modelled	9.14E-10	3.94E-11	9.03E-07	4.26E-09	8.52E-10	8.52E-17	4.26E-10	1.02E-11	7.51E-12	2.09E-11	6.88E-11	4.07E-10	6.51E-12	1.47E-10	7.46E-09	6.92E-10	8.90E-09

AQIA DATA - SCENARIO 2 GRID MAX

Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution

All Pollutants

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**3.08E-06**	**5.69E-06**	**0.00E+00**	**3.69E-07**	**2.85E-09**	**1.88E-04**	**3.08E-07**	**6.16E-08**	**6.16E-15**	**3.08E-08**	**7.37E-10**	**5.43E-10**	**1.51E-09**	**4.98E-09**	**2.94E-08**	**4.71E-10**	**1.06E-08**	**5.40E-07**	**5.00E-08**	**6.43E-07**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
171	SG_171	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.500	4.86E-08	8.57E-08	Not Modelled	9.90E-10	4.45E-11	9.87E-07	4.81E-09	9.63E-10	9.63E-17	4.82E-10	1.15E-11	8.49E-12	2.36E-11	7.77E-11	4.60E-10	7.35E-12	1.66E-10	8.43E-09	7.81E-10	1.00E-08
172	SG_172	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.500	5.67E-08	1.00E-07	Not Modelled	1.13E-09	5.19E-11	1.12E-06	5.61E-09	1.12E-09	1.12E-16	5.61E-10	1.34E-11	9.88E-12	2.75E-11	9.05E-11	5.35E-10	8.56E-12	1.93E-10	9.82E-09	9.10E-10	1.17E-08
173	SG_173	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.500	6.72E-08	1.19E-07	Not Modelled	1.32E-09	6.12E-11	1.32E-06	6.61E-09	1.32E-09	1.32E-16	6.62E-10	1.58E-11	1.17E-11	3.24E-11	1.07E-10	6.31E-10	1.01E-11	2.28E-10	1.16E-08	1.07E-09	1.38E-08
174	SG_174	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.500	7.63E-08	1.35E-07	Not Modelled	1.50E-09	6.90E-11	1.49E-06	7.45E-09	1.49E-09	1.49E-16	7.45E-10	1.78E-11	1.31E-11	3.66E-11	1.20E-10	7.12E-10	1.14E-11	2.57E-10	1.30E-08	1.21E-09	1.56E-08
175	SG_175	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.500	8.49E-08	1.48E-07	Not Modelled	1.68E-09	7.57E-11	1.64E-06	8.18E-09	1.64E-09	1.64E-16	8.18E-10	1.96E-11	1.44E-11	4.01E-11	1.32E-10	7.81E-10	1.25E-11	2.82E-10	1.43E-08	1.33E-09	1.71E-08
176	SG_176	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.500	9.23E-08	1.57E-07	Not Modelled	1.83E-09	8.04E-11	1.73E-06	8.68E-09	1.74E-09	1.74E-16	8.69E-10	2.08E-11	1.53E-11	4.26E-11	1.40E-10	8.29E-10	1.33E-11	2.99E-10	1.52E-08	1.41E-09	1.81E-08
177	SG_177	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.500	1.07E-07	1.72E-07	Not Modelled	2.10E-09	8.94E-11	1.97E-06	9.67E-09	1.93E-09	1.93E-16	9.67E-10	2.31E-11	1.70E-11	4.74E-11	1.56E-10	9.23E-10	1.48E-11	3.33E-10	1.69E-08	1.57E-09	2.02E-08
178	SG_178	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.500	1.34E-07	2.03E-07	Not Modelled	2.55E-09	1.07E-10	2.48E-06	1.15E-08	2.30E-09	2.30E-16	1.15E-09	2.76E-11	2.03E-11	5.65E-11	1.86E-10	1.10E-09	1.76E-11	3.97E-10	2.02E-08	1.87E-09	2.40E-08
179	SG_179	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.500	1.55E-07	2.30E-07	Not Modelled	2.95E-09	1.22E-10	2.87E-06	1.31E-08	2.63E-09	2.63E-16	1.31E-09	3.14E-11	2.32E-11	6.44E-11	2.12E-10	1.25E-09	2.01E-11	4.53E-10	2.30E-08	2.13E-09	2.74E-08
180	SG_180	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.500	1.48E-07	2.33E-07	Not Modelled	2.98E-09	1.21E-10	2.56E-06	1.30E-08	2.61E-09	2.61E-16	1.30E-09	3.12E-11	2.30E-11	6.39E-11	2.10E-10	1.24E-09	1.99E-11	4.49E-10	2.28E-08	2.11E-09	2.72E-08
181	SG_181	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.500	1.58E-07	2.70E-07	Not Modelled	3.51E-09	1.35E-10	2.75E-06	1.46E-08	2.92E-09	2.92E-16	1.46E-09	3.49E-11	2.57E-11	7.16E-11	2.36E-10	1.39E-09	2.23E-11	5.03E-10	2.56E-08	2.37E-09	3.05E-08
182	SG_182	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.500	1.56E-07	2.83E-07	Not Modelled	3.83E-09	1.39E-10	2.67E-06	1.50E-08	3.01E-09	3.01E-16	1.50E-09	3.60E-11	2.65E-11	7.37E-11	2.43E-10	1.44E-09	2.30E-11	5.18E-10	2.63E-08	2.44E-09	3.14E-08
183	SG_183	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.500	1.61E-07	3.01E-07	Not Modelled	4.24E-09	1.47E-10	2.79E-06	1.58E-08	3.17E-09	3.17E-16	1.58E-09	3.79E-11	2.79E-11	7.77E-11	2.56E-10	1.51E-09	2.42E-11	5.46E-10	2.77E-08	2.57E-09	3.31E-08
184	SG_184	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.500	1.60E-07	3.03E-07	Not Modelled	4.46E-09	1.47E-10	2.78E-06	1.59E-08	3.17E-09	3.17E-16	1.59E-09	3.80E-11	2.80E-11	7.78E-11	2.56E-10	1.52E-09	2.42E-11	5.47E-10	2.78E-08	2.57E-09	3.31E-08
185	SG_185	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.500	1.55E-07	2.96E-07	Not Modelled	4.55E-09	1.43E-10	2.70E-06	1.55E-08	3.09E-09	3.09E-16	1.55E-09	3.70E-11	2.73E-11	7.59E-11	2.50E-10	1.48E-09	2.36E-11	5.33E-10	2.71E-08	2.51E-09	3.23E-08
186	SG_186	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.500	1.51E-07	2.88E-07	Not Modelled	4.61E-09	1.39E-10	2.63E-06	1.50E-08	3.01E-09	3.01E-16	1.50E-09	3.60E-11	2.65E-11	7.38E-11	2.43E-10	1.44E-09	2.30E-11	5.19E-10	2.63E-08	2.44E-09	3.14E-08
187	SG_187	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.700	5.09E-08	9.59E-08	Not Modelled	1.56E-09	4.68E-11	1.31E-06	5.05E-09	1.01E-09	1.01E-16	5.06E-10	1.21E-11	8.91E-12	2.48E-11	8.16E-11	4.82E-10	7.71E-12	1.74E-10	8.85E-09	8.20E-10	1.05E-08
188	SG_188	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.700	5.37E-08	9.98E-08	Not Modelled	1.67E-09	4.88E-11	1.42E-06	5.28E-09	1.06E-09	1.06E-16	5.28E-10	1.26E-11	9.30E-12	2.59E-11	8.52E-11	5.04E-10	8.05E-12	1.82E-10	9.24E-09	8.56E-10	1.10E-08
189	SG_189	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.700	5.62E-08	1.00E-07	Not Modelled	1.75E-09	4.96E-11	1.52E-06	5.36E-09	1.07E-09	1.07E-16	5.36E-10	1.28E-11	9.44E-12	2.63E-11	8.65E-11	5.11E-10	8.18E-12	1.85E-10	9.38E-09	8.69E-10	1.12E-08
190	SG_190	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6365.700	5.84E-08	9.65E-08	Not Modelled	1.77E-09	4.90E-11	1.62E-06	5.30E-09	1.06E-09	1.06E-16	5.30E-10	1.27E-11	9.34E-12	2.60E-11	8.56E-11	5.06E-10	8.09E-12	1.83E-10	9.28E-09	8.60E-10	1.11E-08
191	SG_191	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.700	5.79E-08	9.14E-08	Not Modelled	1.71E-09	4.72E-11	1.67E-06	5.10E-09	1.02E-09	1.02E-16	5.10E-10	1.22E-11	8.99E-12	2.50E-11	8.24E-11	4.87E-10	7.79E-12	1.76E-10	8.93E-09	8.28E-10	1.06E-08
192	SG_192	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.700	5.33E-08	8.50E-08	Not Modelled	1.56E-09	4.39E-11	1.59E-06	4.74E-09	9.48E-10	9.48E-17	4.74E-10	1.13E-11	8.35E-12	2.32E-11	7.65E-11	4.52E-10	7.23E-12	1.63E-10	8.30E-09	7.69E-10	9.89E-09
193	SG_193	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.700	4.96E-08	8.10E-08	Not Modelled	1.44E-09	4.16E-11	1.51E-06	4.49E-09	8.99E-10	8.99E-17	4.50E-10	1.07E-11	7.92E-12	2.20E-11	7.26E-11	4.29E-10	6.86E-12	1.55E-10	7.87E-09	7.29E-10	9.38E-09
194	SG_194	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.700	4.73E-08	7.99E-08	Not Modelled	1.37E-09	4.07E-11	1.45E-06	4.40E-09	8.80E-10	8.80E-17	4.40E-10	1.05E-11	7.76E-12	2.16E-11	7.11E-11	4.20E-10	6.72E-12	1.52E-10	7.70E-09	7.14E-10	9.19E-09
195	SG_195	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.700	4.51E-08	7.84E-08	Not Modelled	1.30E-09	3.98E-11	1.37E-06	4.30E-09	8.59E-10	8.59E-17	4.30E-10	1.03E-11	7.57E-12	2.11E-11	6.94E-11	4.10E-10	6.56E-12	1.48E-10	7.52E-09	6.97E-10	8.96E-09
196	SG_196	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.700	4.26E-08	7.52E-08	Not Modelled	1.21E-09	3.81E-11	1.28E-06	4.12E-09	8.24E-10	8.24E-17	4.12E-10	9.85E-12	7.26E-12	2.02E-11	6.65E-11	3.93E-10	6.29E-12	1.42E-10	7.21E-09	6.68E-10	8.60E-09
197	SG_197	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.700	4.08E-08	7.25E-08	Not Modelled	1.12E-09	3.68E-11	1.19E-06	3.97E-09	7.94E-10	7.94E-17	3.97E-10	9.50E-12	7.00E-12	1.95E-11	6.41E-11	3.79E-10	6.06E-12	1.37E-10	6.95E-09	6.44E-10	8.29E-09
198	SG_198	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.700	4.01E-08	7.14E-08	Not Modelled	1.05E-09	3.63E-11	1.12E-06	3.92E-09	7.85E-10	7.85E-17	3.93E-10	9.39E-12	6.92E-12	1.92E-11	6.34E-11	3.75E-10	5.99E-12	1.35E-10	6.87E-09	6.37E-10	8.19E-09
199	SG_199	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.700	4.18E-08	7.43E-08	Not Modelled	1.04E-09	3.80E-11	1.10E-06	4.11E-09	8.22E-10	8.22E-17	4.11E-10	9.83E-12	7.25E-12	2.02E-11	6.64E-11	3.92E-10	6.28E-12	1.42E-10	7.20E-09	6.67E-10	8.58E-09
200	SG_200	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.700	4.44E-08	7.82E-08	Not Modelled	1.03E-09	4.05E-11	1.05E-06	4.37E-09	8.74E-10	8.74E-17	4.37E-10	1.05E-11	7.71E-12	2.14E-11	7.06E-11	4.17E-10	6.67E-12	1.51E-10	7.65E-09	7.09E-10	9.12E-09
201	SG_201	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.700	4.80E-08	8.37E-08	Not Modelled	1.02E-09	4.37E-11	1.05E-06	4.72E-09	9.44E-10	9.44E-17	4.72E-10	1.13E-11	8.32E-12	2.31E-11	7.62E-11	4.51E-10	7.21E-12	1.63E-10	8.26E-09	7.66E-10	9.85E-09
202	SG_202	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.700	5.54E-08	9.64E-08	Not Modelled	1.13E-09	5.02E-11	1.18E-06	5.42E-09	1.08E-09	1.08E-16	5.43E-10	1.30E-11	9.56E-12	2.66E-11	8.76E-11	5.18E-10	8.28E-12	1.87E-10	9.50E-09	8.80E-10	1.13E-08
203	SG_203	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.700	6.58E-08	1.14E-07	Not Modelled	1.31E-09	5.91E-11	1.36E-06	6.38E-09	1.28E-09	1.28E-16	6.39E-10	1.53E-11	1.13E-11	3.13E-11	1.03E-10	6.10E-10	9.75E-12	2.20E-10	1.12E-08	1.04E-09	1.33E-08
204	SG_204	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.700	7.72E-08	1.32E-07	Not Modelled	1.51E-09	6.85E-11	1.58E-06	7.40E-09	1.48E-09	1.48E-16	7.41E-10	1.77E-11	1.31E-11	3.63E-11	1.20E-10	7.07E-10	1.13E-11	2.55E-10	1.30E-08	1.20E-09	1.55E-08
205	SG_205	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.700	8.76E-08	1.46E-07	Not Modelled	1.70E-09	7.60E-11	1.77E-06	8.22E-09	1.64E-09	1.64E-16	8.22E-10	1.97E-11	1.45E-11	4.03E-11	1.33E-10	7.85E-10	1.25E-11	2.83E-10	1.44E-08	1.33E-09	1.71E-08
206	SG_206	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.700	1.02E-07	1.62E-07	Not Modelled	1.96E-09	8.49E-11	2.02E-06	9.18E-09	1.84E-09	1.84E-16	9.18E-10	2.20E-11	1.62E-11	4.50E-11	1.48E-10	8.76E-10	1.40E-11	3.16E-10	1.61E-08	1.49E-09	1.92E-08
207	SG_207	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.700	1.17E-07	1.72E-07	Not Modelled	2.20E-09	9.24E-11	2.23E-06	9.98E-09	2.00E-09	2.00E-16	9.98E-10	2.39E-11	1.76E-11	4.90E-11	1.61E-10	9.53E-10	1.52E-11	3.44E-10	1.75E-08	1.62E-09	2.08E-08
208	SG_208	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.700	1.41E-07	1.91E-07	Not Modelled	2.58E-09	1.05E-10	2.60E-06	1.14E-08	2.27E-09	2.27E-16	1.14E-09	2.72E-11	2.00E-11	5.57E-11	1.83E-10	1.08E-09	1.73E-11	3.92E-10	1.99E-08	1.84E-09	2.37E-08
209	SG_209	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.700	1.75E-07	2.29E-07	Not Modelled	3.19E-09	1.27E-10	3.28E-06	1.37E-08	2.75E-09	2.75E-16	1.37E-09	3.29E-11	2.42E-11	6.73E-11	2.22E-10	1.31E-09	2.10E-11	4.73E-10	2.40E-08	2.23E-09	2.87E-08
210	SG_210	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.700	1.71E-07	2.40E-07	Not Modelled	3.30E-09	1.30E-10	3.03E-06	1.40E-08	2.80E-09	2.80E-16	1.40E-09	3.35E-11	2.47E-11	6.87E-11	2.26E-10	1.34E-09	2.14E-11	4.83E-10	2.45E-08	2.27E-09	2.92E-08
211	SG_211	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.700	1.77E-07	2.84E-07	Not Modelled	3.88E-09	1.45E-10	3.20E-06	1.57E-08	3.14E-09	3.14E-16	1.57E-09	3.76E-11	2.77E-11	7.71E-11	2.54E-10	1.50E-09	2.40E-11	5.42E-10	2.75E-08	2.55E-09	3.28E-08
212	SG_212	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.700	1.78E-07	3.15E-07	Not Modelled	4.42E-09	1.56E-10	3.22E-06	1.69E-08	3.37E-09	3.37E-16	1.69E-09	4.04E-11	2.97E-11	8.27E-11	2.72E-10	1.61E-09	2.58E-11	5.82E-10	2.95E-08	2.74E-09	3.52E-08
213	SG_213	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.700	1.79E-07	3.32E-07	Not Modelled	4.84E-09	1.62E-10	3.22E-06	1.75E-08	3.51E-09	3.51E-16	1.75E-09	4.19E-11	3.09E-11	8.60E-11	2.83E-10	1.67E-09	2.68E-11	6.04E-10	3.07E-08	2.84E-09	3.66E-08
214	SG_214	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.700	1.82E-07	3.44E-07	Not Modelled	5.21E-09	1.67E-10	3.31E-06	1.80E-08	3.61E-09	3.61E-16	1.81E-09	4.32E-11	3.18E-11	8.85E-11	2.91E-10	1.72E-09	2.76E-11	6.22E-10	3.16E-08	2.93E-09	3.77E-08
215	SG_215	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.700	1.78E-07	3.39E-07	Not Modelled	5.34E-09	1.64E-10	3.24E-06	1.77E-08	3.54E-09	3.54E-16	1.77E-09	4.24E-11	3.12E-11	8.68E-11	2.86E-10	1.69E-09	2.70E-11	6.10E-10	3.10E-08	2.87E-09	3.70E-08
216	SG_216	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.700	1.71E-07	3.28E-07	Not Modelled	5.37E-09	1.58E-10	3.13E-06	1.71E-08	3.42E-09	3.42E-16	1.71E-09	4.09E-11	3.01E-11	8.39E-11	2.76E-10	1.63E-09	2.61E-11	5.90E-10	2.99E-08	2.77E-09	3.57E-08
217	SG_217	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.700	1.64E-07	3.15E-07	Not Modelled	5.33E-09	1.52E-10	3.00E-06	1.64E-08	3.28E-09	3.28E-16	1.64E-09	3.93E-11	2.89E-11	8.05E-11	2.65E-10	1.57E-09	2.51E-11	5.66E-10	2.87E-08	2.66E-09	3.42E-08
218	SG_218	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6365.900	5.38E-08	1.01E-07	Not Modelled	1.68E-09	4.94E-11	1.42E-06	5.34E-09	1.07E-09	1.07E-16	5.34E-10	1.28E-11	9.41E-12	2.62E-11	8.62E-11	5.10E-10	8.15E-12	1.84E-10	9.35E-09	8.66E-10	1.11E-08
219	SG_219	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6365.900	5.75E-08	1.06E-07	Not Modelled	1.84E-09	5.21E-11	1.53E-06	5.63E-09	1.13E-09	1.13E-16	5.63E-10	1.35E-11	9.92E-12	2.76E-11	9.09E-11	5.37E-10	8.59E-12	1.94E-10	9.85E-09	9.13E-10	1.17E-08
220	SG_220	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6365.900	6.25E-08	1.10E-07	Not Modelled	2.03E-09	5.48E-11	1.68E-06	5.92E-09	1.18E-09	1.18E-16	5.92E-10	1.42E-11	1.04E-11	2.90E-11	9.56E-11	5.65E-10	9.04E-12	2.04E-10	1.04E-08	9.61E-10	1.24E-08
221	SG_221	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.900	6.68E-08	1.09E-07	Not Modelled	2.11E-09	5.54E-11	1.81E-06	5.99E-09	1.20E-09	1.20E-16	5.99E-10	1.43E-11	1.06E-11	2.94E-11	9.67E-11	5.72E-10	9.14E-12	2.06E-10	1.05E-08	9.72E-10	1.25E-08
222	SG_222	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.900	6.99E-08	1.08E-07	Not Modelled	2.11E-09	5.61E-11	2.02E-06	6.06E-09	1.21E-09	1.21E-16	6.06E-10	1.45E-11	1.07E-11	2.97E-11	9.78E-11	5.78E-10	9.24E-12	2.09E-10	1.06E-08	9.83E-10	1.26E-08
223	SG_223	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.900	6.34E-08	1.00E-07	Not Modelled	1.87E-09	5.16E-11	1.90E-06	5.58E-09	1.12E-09	1.12E-16	5.58E-10	1.33E-11	9.84E-12	2.74E-11	9.01E-11	5.33E-10	8.52E-12	1.92E-10	9.77E-09	9.05E-10	1.16E-08
224	SG_224	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.900	6.10E-08	9.90E-08	Not Modelled	1.78E-09	5.08E-11	1.93E-06	5.48E-09	1.10E-09	1.10E-16	5.49E-10	1.31E-11	9.67E-12	2.69E-11	8.85E-11	5.23E-10	8.37E-12	1.89E-10	9.60E-09	8.90E-10	1.14E-08
225	SG_225	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.900	5.80E-08	9.58E-08	Not Modelled	1.67E-09	4.90E-11	1.83E-06	5.29E-09	1.06E-09	1.06E-16	5.30E-10	1.27E-11	9.33E-12	2.60E-11	8.55E-11	5.05E-10	8.08E-12	1.82E-10	9.27E-09	8.59E-10	1.10E-08
226	SG_226	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.900	5.54E-08	9.29E-08	Not Modelled	1.57E-09	4.75E-11	1.73E-06	5.14E-09	1.03E-09	1.03E-16	5.14E-10	1.23E-11	9.05E-12	2.52E-11	8.29E-11	4.90E-10	7.84E-12	1.77E-10	8.99E-09	8.33E-10	1.07E-08
227	SG_227	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.900	5.23E-08	8.86E-08	Not Modelled	1.46E-09	4.54E-11	1.63E-06	4.90E-09	9.80E-10	9.80E-17	4.90E-10	1.17E-11	8.64E-12	2.40E-11	7.92E-11	4.68E-10	7.48E-12	1.69E-10	8.58E-09	7.95E-10	1.02E-08
228	SG_228	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.900	4.94E-08	8.42E-08	Not Modelled	1.35E-09	4.32E-11	1.51E-06	4.67E-09	9.34E-10	9.34E-17	4.67E-10	1.12E-11	8.23E-12	2.29E-11	7.54E-11	4.46E-10	7.13E-12	1.61E-10	8.17E-09	7.57E-10	9.74E-09
229	SG_229	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.900	4.75E-08	8.15E-08	Not Modelled	1.24E-09	4.19E-11	1.40E-06	4.52E-09	9.05E-10	9.05E-17	4.53E-10	1.08E-11	7.97E-12	2.22E-11	7.30E-11	4.32E-10	6.90E-12	1.56E-10	7.92E-09	7.34E-10	9.44E-09
230	SG_230	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.900	4.75E-08	8.17E-08	Not Modelled	1.18E-09	4.22E-11	1.32E-06	4.56E-09	9.11E-10	9.11E-17	4.56E-10	1.09E-11	8.03E-12	2.24E-11	7.36E-11	4.35E-10	6.96E-12	1.57E-10	7.98E-09	7.39E-10	9.51E-09
231	SG_231	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.900	4.93E-08	8.47E-08	Not Modelled	1.15E-09	4.41E-11	1.23E-06	4.76E-09	9.53E-10	9.53E-17	4.77E-10	1.14E-11	8.40E-12	2.34E-11	7.69E-11	4.55E-10	7.27E-12	1.64E-10	8.34E-09	7.73E-10	9.94E-09
232	SG_232	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.900	5.36E-08	9.12E-08	Not Modelled	1.15E-09	4.79E-11	1.25E-06	5.17E-09	1.03E-09	1.03E-16	5.17E-10	1.24E-11	9.12E-12	2.54E-11	8.35E-11	4.94E-10	7.90E-12	1.78E-10	9.06E-09	8.39E-10	1.08E-08
233	SG_233	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6365.900	6.21E-08	1.04E-07	Not Modelled	1.26E-09	5.45E-11	1.39E-06	5.90E-09	1.18E-09	1.18E-16	5.90E-10	1.41E-11	1.04E-11	2.89E-11	9.52E-11	5.63E-10	9.00E-12	2.03E-10	1.03E-08	9.56E-10	1.23E-08
234	SG_234	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.900	7.62E-08	1.23E-07	Not Modelled	1.50E-09	6.50E-11	1.69E-06	7.02E-09	1.40E-09	1.40E-16	7.02E-10	1.68E-11	1.24E-11	3.44E-11	1.13E-10	6.70E-10	1.07E-11	2.42E-10	1.23E-08	1.14E-09	1.47E-08
235	SG_235	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6365.900	8.99E-08	1.38E-07	Not Modelled	1.71E-09	7.40E-11	1.95E-06	8.00E-09	1.60E-09	1.60E-16	8.00E-10	1.91E-11	1.41E-11	3.92E-11	1.29E-10	7.64E-10	1.22E-11	2.76E-10	1.40E-08	1.30E-09	1.67E-08
236	SG_236	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.900	1.05E-07	1.50E-07	Not Modelled	1.94E-09	8.19E-11	2.20E-06	8.85E-09	1.77E-09	1.77E-16	8.85E-10	2.12E-11	1.56E-11	4.34E-11	1.43E-10	8.45E-10	1.35E-11	3.05E-10	1.55E-08	1.44E-09	1.85E-08
237	SG_237	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.900	1.27E-07	1.61E-07	Not Modelled	2.25E-09	9.14E-11	2.51E-06	9.88E-09	1.98E-09	1.98E-16	9.88E-10	2.36E-11	1.74E-11	4.85E-11	1.60E-10	9.44E-10	1.51E-11	3.41E-10	1.73E-08	1.60E-09	2.06E-08
238	SG_238	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.900	1.54E-07	1.76E-07	Not Modelled	2.71E-09	1.04E-10	2.88E-06	1.13E-08	2.25E-09	2.25E-16	1.13E-09	2.69E-11	1.98E-11	5.52E-11	1.82E-10	1.07E-09	1.72E-11	3.88E-10	1.97E-08	1.83E-09	2.35E-08
239	SG_239	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.900	1.82E-07	2.07E-07	Not Modelled	3.29E-09	1.22E-10	3.37E-06	1.32E-08	2.64E-09	2.64E-16	1.32E-09	3.16E-11	2.33E-11	6.47E-11	2.13E-10	1.26E-09	2.02E-11	4.55E-10	2.31E-08	2.14E-09	2.75E-08
240	SG_240	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.900	1.89E-07	2.34E-07	Not Modelled	3.69E-09	1.33E-10	3.44E-06	1.44E-08	2.88E-09	2.88E-16	1.44E-09	3.44E-11	2.54E-11	7.06E-11	2.32E-10	1.37E-09	2.20E-11	4.96E-10	2.52E-08	2.33E-09	3.00E-08
241	SG_241	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.900	1.98E-07	2.88E-07	Not Modelled	4.39E-09	1.53E-10	3.72E-06	1.65E-08	3.31E-09	3.31E-16	1.66E-09	3.96E-11	2.92E-11	8.12E-11	2.67E-10	1.58E-09	2.53E-11	5.71E-10	2.90E-08	2.68E-09	3.45E-08
242	SG_242	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6365.900	2.06E-07	3.50E-07	Not Modelled	5.24E-09	1.76E-10	4.01E-06	1.90E-08	3.80E-09	3.80E-16	1.90E-09	4.55E-11	3.35E-11	9.32E-11	3.07E-10	1.81E-09	2.90E-11	6.55E-10	3.33E-08	3.08E-09	3.97E-08
243	SG_243	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6365.900	2.04E-07	3.74E-07	Not Modelled	5.72E-09	1.84E-10	3.92E-06	1.98E-08	3.97E-09	3.97E-16	1.98E-09	4.75E-11	3.50E-11	9.73E-11	3.20E-10	1.89E-09	3.03E-11	6.84E-10	3.47E-08	3.22E-09	4.14E-08
244	SG_244	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.900	2.04E-07	3.84E-07	Not Modelled	6.04E-09	1.86E-10	3.87E-06	2.01E-08	4.03E-09	4.03E-16	2.02E-09	4.82E-11	3.55E-11	9.88E-11	3.25E-10	1.92E-09	3.08E-11	6.95E-10	3.53E-08	3.27E-09	4.20E-08
245	SG_245	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.900	1.93E-07	3.66E-07	Not Modelled	6.01E-09	1.77E-10	3.61E-06	1.92E-08	3.83E-09	3.83E-16	1.92E-09	4.59E-11	3.38E-11	9.40E-11	3.10E-10	1.83E-09	2.93E-11	6.61E-10	3.36E-08	3.11E-09	4.00E-08
246	SG_246	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.900	1.84E-07	3.51E-07	Not Modelled	5.99E-09	1.70E-10	3.45E-06	1.84E-08	3.68E-09	3.68E-16	1.84E-09	4.40E-11	3.24E-11	9.02E-11	2.97E-10	1.76E-09	2.81E-11	6.34E-10	3.22E-08	2.98E-09	3.84E-08
247	SG_247	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.900	1.80E-07	3.43E-07	Not Modelled	6.01E-09	1.66E-10	3.39E-06	1.79E-08	3.59E-09	3.59E-16	1.80E-09	4.29E-11	3.16E-11	8.80E-11	2.90E-10	1.71E-09	2.74E-11	6.19E-10	3.14E-08	2.91E-09	3.75E-08
248	SG_248	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.900	1.71E-07	3.26E-07	Not Modelled	5.86E-09	1.58E-10	3.20E-06	1.70E-08	3.41E-09	3.41E-16	1.70E-09	4.08E-11	3.00E-11	8.35E-11	2.75E-10	1.63E-09	2.60E-11	5.87E-10	2.98E-08	2.76E-09	3.55E-08
249	SG_249	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.100	5.49E-08	1.03E-07	Not Modelled	1.77E-09	5.03E-11	1.50E-06	5.43E-09	1.09E-09	1.09E-16	5.44E-10	1.30E-11	9.58E-12	2.66E-11	8.77E-11	5.19E-10	8.29E-12	1.87E-10	9.51E-09	8.82E-10	1.13E-08
250	SG_250	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.100	5.96E-08	1.10E-07	Not Modelled	2.02E-09	5.39E-11	1.62E-06	5.82E-09	1.16E-09	1.16E-16	5.82E-10	1.39E-11	1.03E-11	2.85E-11	9.40E-11	5.55E-10	8.88E-12	2.01E-10	1.02E-08	9.44E-10	1.21E-08
251	SG_251	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.100	6.68E-08	1.18E-07	Not Modelled	2.36E-09	5.86E-11	1.83E-06	6.34E-09	1.27E-09	1.27E-16	6.34E-10	1.52E-11	1.12E-11	3.11E-11	1.02E-10	6.05E-10	9.67E-12	2.18E-10	1.11E-08	1.03E-09	1.32E-08
252	SG_252	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.100	7.34E-08	1.20E-07	Not Modelled	2.52E-09	6.11E-11	2.02E-06	6.60E-09	1.32E-09	1.32E-16	6.60E-10	1.58E-11	1.16E-11	3.24E-11	1.07E-10	6.30E-10	1.01E-11	2.27E-10	1.15E-08	1.07E-09	1.38E-08
253	SG_253	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.100	7.97E-08	1.19E-07	Not Modelled	2.46E-09	6.24E-11	2.24E-06	6.75E-09	1.35E-09	1.35E-16	6.75E-10	1.61E-11	1.19E-11	3.31E-11	1.09E-10	6.44E-10	1.03E-11	2.33E-10	1.18E-08	1.09E-09	1.41E-08
254	SG_254	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.100	8.20E-08	1.15E-07	Not Modelled	2.28E-09	6.19E-11	2.38E-06	6.68E-09	1.34E-09	1.34E-16	6.69E-10	1.60E-11	1.18E-11	3.28E-11	1.08E-10	6.38E-10	1.02E-11	2.30E-10	1.17E-08	1.08E-09	1.40E-08
255	SG_255	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.100	8.11E-08	1.12E-07	Not Modelled	2.15E-09	6.06E-11	2.41E-06	6.55E-09	1.31E-09	1.31E-16	6.55E-10	1.57E-11	1.15E-11	3.21E-11	1.06E-10	6.25E-10	9.99E-12	2.26E-10	1.15E-08	1.06E-09	1.37E-08

AQIA DATA - SCENARIO 2 GRID MAX

Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**3.08E-06**	**5.69E-06**	**0.00E+00**	**3.69E-07**	**2.85E-09**	**1.88E-04**	**3.08E-07**	**6.16E-08**	**6.16E-15**	**3.08E-08**	**7.37E-10**	**5.43E-10**	**1.51E-09**	**4.98E-09**	**2.94E-08**	**4.71E-10**	**1.06E-08**	**5.40E-07**	**5.00E-08**	**6.43E-07**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
256	SG_256	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.100	7.78E-08	1.08E-07	Not Modelled	2.05E-09	5.88E-11	2.34E-06	6.36E-09	1.27E-09	1.27E-16	6.36E-10	1.52E-11	1.12E-11	3.12E-11	1.03E-10	6.07E-10	9.70E-12	2.19E-10	1.11E-08	1.03E-09	1.33E-08
257	SG_257	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.100	7.37E-08	1.06E-07	Not Modelled	1.95E-09	5.70E-11	2.27E-06	6.16E-09	1.23E-09	1.23E-16	6.16E-10	1.47E-11	1.09E-11	3.02E-11	9.95E-11	5.88E-10	9.40E-12	2.12E-10	1.08E-08	1.00E-09	1.29E-08
258	SG_258	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.100	6.79E-08	1.00E-07	Not Modelled	1.79E-09	5.37E-11	2.12E-06	5.80E-09	1.16E-09	1.16E-16	5.81E-10	1.39E-11	1.02E-11	2.85E-11	9.37E-11	5.54E-10	8.86E-12	2.00E-10	1.02E-08	9.41E-10	1.21E-08
259	SG_259	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.100	6.27E-08	9.43E-08	Not Modelled	1.64E-09	5.05E-11	1.97E-06	5.45E-09	1.09E-09	1.09E-16	5.45E-10	1.30E-11	9.61E-12	2.67E-11	8.80E-11	5.20E-10	8.32E-12	1.88E-10	9.54E-09	8.85E-10	1.14E-08
260	SG_260	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.100	5.84E-08	8.97E-08	Not Modelled	1.47E-09	4.78E-11	1.77E-06	5.17E-09	1.03E-09	1.03E-16	5.17E-10	1.24E-11	9.11E-12	2.53E-11	8.35E-11	4.93E-10	7.89E-12	1.78E-10	9.05E-09	8.39E-10	1.08E-08
261	SG_261	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.100	5.68E-08	8.82E-08	Not Modelled	1.36E-09	4.71E-11	1.65E-06	5.08E-09	1.02E-09	1.02E-16	5.09E-10	1.22E-11	8.96E-12	2.49E-11	8.21E-11	4.85E-10	7.76E-12	1.75E-10	8.90E-09	8.25E-10	1.06E-08
262	SG_262	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.100	5.73E-08	9.09E-08	Not Modelled	1.32E-09	4.85E-11	1.55E-06	5.24E-09	1.05E-09	1.05E-16	5.24E-10	1.25E-11	9.23E-12	2.57E-11	8.46E-11	5.00E-10	7.99E-12	1.80E-10	9.17E-09	8.50E-10	1.09E-08
263	SG_263	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6366.100	6.03E-08	9.61E-08	Not Modelled	1.29E-09	5.14E-11	1.54E-06	5.55E-09	1.11E-09	1.11E-16	5.55E-10	1.33E-11	9.78E-12	2.72E-11	8.96E-11	5.30E-10	8.47E-12	1.91E-10	9.72E-09	9.01E-10	1.16E-08
264	SG_264	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6366.100	7.15E-08	1.08E-07	Not Modelled	1.44E-09	5.87E-11	1.78E-06	6.35E-09	1.27E-09	1.27E-16	6.35E-10	1.52E-11	1.12E-11	3.11E-11	1.03E-10	6.06E-10	9.69E-12	2.19E-10	1.11E-08	1.03E-09	1.32E-08
265	SG_265	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.100	9.49E-08	1.32E-07	Not Modelled	1.81E-09	7.31E-11	2.37E-06	7.90E-09	1.58E-09	1.58E-16	7.90E-10	1.89E-11	1.39E-11	3.87E-11	1.28E-10	7.54E-10	1.21E-11	2.72E-10	1.38E-08	1.28E-09	1.65E-08
266	SG_266	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.100	1.09E-07	1.39E-07	Not Modelled	1.98E-09	7.96E-11	2.53E-06	8.60E-09	1.72E-09	1.72E-16	8.61E-10	2.06E-11	1.52E-11	4.22E-11	1.39E-10	8.21E-10	1.31E-11	2.97E-10	1.51E-08	1.40E-09	1.80E-08
267	SG_267	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.100	1.28E-07	1.48E-07	Not Modelled	2.27E-09	8.78E-11	2.76E-06	9.49E-09	1.90E-09	1.90E-16	9.49E-10	2.27E-11	1.67E-11	4.66E-11	1.53E-10	9.06E-10	1.45E-11	3.27E-10	1.66E-08	1.54E-09	1.98E-08
268	SG_268	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.100	1.58E-07	1.68E-07	Not Modelled	2.87E-09	1.03E-10	3.16E-06	1.11E-08	2.22E-09	2.22E-16	1.11E-09	2.65E-11	1.96E-11	5.44E-11	1.79E-10	1.06E-09	1.69E-11	3.82E-10	1.94E-08	1.80E-09	2.31E-08
269	SG_269	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.100	1.89E-07	2.08E-07	Not Modelled	3.84E-09	1.24E-10	3.69E-06	1.34E-08	2.68E-09	2.68E-16	1.34E-09	3.21E-11	2.36E-11	6.58E-11	2.17E-10	1.28E-09	2.05E-11	4.63E-10	2.35E-08	2.18E-09	2.80E-08
270	SG_270	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6366.100	2.12E-07	2.64E-07	Not Modelled	4.90E-09	1.49E-10	4.25E-06	1.61E-08	3.22E-09	3.22E-16	1.61E-09	3.85E-11	2.84E-11	7.89E-11	2.60E-10	1.54E-09	2.46E-11	5.55E-10	2.82E-08	2.61E-09	3.36E-08
271	SG_271	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6366.100	2.24E-07	3.22E-07	Not Modelled	5.77E-09	1.72E-10	4.68E-06	1.86E-08	3.71E-09	3.71E-16	1.86E-09	4.44E-11	3.27E-11	9.11E-11	3.00E-10	1.77E-09	2.84E-11	6.40E-10	3.25E-08	3.01E-09	3.88E-08
272	SG_272	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.100	2.29E-07	3.78E-07	Not Modelled	6.49E-09	1.92E-10	4.87E-06	2.07E-08	4.15E-09	4.15E-16	2.07E-09	4.96E-11	3.65E-11	1.02E-10	3.35E-10	1.98E-09	3.17E-11	7.15E-10	3.63E-08	3.36E-09	4.33E-08
273	SG_273	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.100	2.30E-07	4.16E-07	Not Modelled	6.97E-09	2.05E-10	4.81E-06	2.21E-08	4.43E-09	4.43E-16	2.21E-09	5.30E-11	3.90E-11	1.09E-10	3.57E-10	2.11E-09	3.38E-11	7.63E-10	3.87E-08	3.59E-09	4.62E-08
274	SG_274	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.100	2.23E-07	4.18E-07	Not Modelled	7.07E-09	2.04E-10	4.49E-06	2.20E-08	4.41E-09	4.41E-16	2.20E-09	5.27E-11	3.88E-11	1.08E-10	3.56E-10	2.10E-09	3.36E-11	7.60E-10	3.86E-08	3.57E-09	4.60E-08
275	SG_275	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.100	2.22E-07	4.20E-07	Not Modelled	7.19E-09	2.04E-10	4.40E-06	2.20E-08	4.41E-09	4.41E-16	2.20E-09	5.27E-11	3.89E-11	1.08E-10	3.56E-10	2.10E-09	3.37E-11	7.60E-10	3.86E-08	3.58E-09	4.60E-08
276	SG_276	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.100	2.08E-07	3.97E-07	Not Modelled	6.99E-09	1.92E-10	4.08E-06	2.08E-08	4.16E-09	4.16E-16	2.08E-09	4.97E-11	3.66E-11	1.02E-10	3.36E-10	1.99E-09	3.17E-11	7.17E-10	3.64E-08	3.37E-09	4.34E-08
277	SG_277	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.100	2.00E-07	3.82E-07	Not Modelled	6.87E-09	1.85E-10	3.92E-06	2.00E-08	4.00E-09	4.00E-16	2.00E-09	4.78E-11	3.52E-11	9.80E-11	3.23E-10	1.91E-09	3.05E-11	6.89E-10	3.50E-08	3.24E-09	4.17E-08
278	SG_278	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.100	1.89E-07	3.62E-07	Not Modelled	6.64E-09	1.75E-10	3.70E-06	1.89E-08	3.78E-09	3.78E-16	1.89E-09	4.53E-11	3.33E-11	9.28E-11	3.05E-10	1.81E-09	2.89E-11	6.52E-10	3.31E-08	3.07E-09	3.95E-08
279	SG_279	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6366.100	1.81E-07	3.46E-07	Not Modelled	6.44E-09	1.67E-10	3.52E-06	1.81E-08	3.61E-09	3.61E-16	1.81E-09	4.32E-11	3.18E-11	8.85E-11	2.91E-10	1.72E-09	2.76E-11	6.22E-10	3.16E-08	2.93E-09	3.77E-08
280	SG_280	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.300	5.46E-08	1.01E-07	Not Modelled	1.88E-09	4.97E-11	1.58E-06	5.37E-09	1.07E-09	1.07E-16	5.37E-10	1.28E-11	9.46E-12	2.63E-11	8.67E-11	5.12E-10	8.19E-12	1.85E-10	9.40E-09	8.71E-10	1.12E-08
281	SG_281	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.300	5.98E-08	1.09E-07	Not Modelled	2.19E-09	5.36E-11	1.70E-06	5.79E-09	1.16E-09	1.16E-16	5.79E-10	1.39E-11	1.02E-11	2.84E-11	9.35E-11	5.53E-10	8.84E-12	2.00E-10	1.01E-08	9.40E-10	1.21E-08
282	SG_282	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.300	6.79E-08	1.18E-07	Not Modelled	2.61E-09	5.87E-11	1.90E-06	6.35E-09	1.27E-09	1.27E-16	6.35E-10	1.52E-11	1.12E-11	3.11E-11	1.02E-10	6.06E-10	9.69E-12	2.19E-10	1.11E-08	1.03E-09	1.32E-08
283	SG_283	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.300	7.90E-08	1.22E-07	Not Modelled	2.84E-09	6.31E-11	2.14E-06	6.82E-09	1.36E-09	1.36E-16	6.83E-10	1.63E-11	1.20E-11	3.35E-11	1.10E-10	6.51E-10	1.04E-11	2.35E-10	1.19E-08	1.11E-09	1.42E-08
284	SG_284	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.300	9.53E-08	1.18E-07	Not Modelled	2.77E-09	6.65E-11	2.45E-06	7.19E-09	1.44E-09	1.44E-16	7.19E-10	1.72E-11	1.27E-11	3.52E-11	1.16E-10	6.86E-10	1.10E-11	2.48E-10	1.26E-08	1.17E-09	1.50E-08
285	SG_285	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.300	1.11E-07	1.10E-07	Not Modelled	2.57E-09	6.82E-11	2.72E-06	7.37E-09	1.47E-09	1.47E-16	7.38E-10	1.76E-11	1.30E-11	3.62E-11	1.19E-10	7.04E-10	1.13E-11	2.54E-10	1.29E-08	1.20E-09	1.54E-08
286	SG_286	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.300	1.19E-07	1.07E-07	Not Modelled	2.51E-09	6.96E-11	2.90E-06	7.52E-09	1.50E-09	1.50E-16	7.52E-10	1.80E-11	1.32E-11	3.69E-11	1.21E-10	7.17E-10	1.15E-11	2.59E-10	1.32E-08	1.22E-09	1.57E-08
287	SG_287	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.300	1.17E-07	1.09E-07	Not Modelled	2.52E-09	7.03E-11	3.02E-06	7.59E-09	1.52E-09	1.52E-16	7.60E-10	1.82E-11	1.34E-11	3.72E-11	1.23E-10	7.25E-10	1.16E-11	2.62E-10	1.33E-08	1.23E-09	1.58E-08
288	SG_288	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.300	1.06E-07	1.09E-07	Not Modelled	2.41E-09	6.76E-11	2.95E-06	7.31E-09	1.46E-09	1.46E-16	7.31E-10	1.75E-11	1.29E-11	3.58E-11	1.18E-10	6.97E-10	1.12E-11	2.52E-10	1.28E-08	1.19E-09	1.52E-08
289	SG_289	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.300	9.49E-08	1.07E-07	Not Modelled	2.25E-09	6.39E-11	2.81E-06	6.90E-09	1.38E-09	1.38E-16	6.91E-10	1.65E-11	1.22E-11	3.39E-11	1.12E-10	6.59E-10	1.05E-11	2.38E-10	1.21E-08	1.12E-09	1.44E-08
290	SG_290	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.300	8.49E-08	1.02E-07	Not Modelled	2.03E-09	5.96E-11	2.58E-06	6.44E-09	1.29E-09	1.29E-16	6.44E-10	1.54E-11	1.13E-11	3.16E-11	1.04E-10	6.14E-10	9.82E-12	2.22E-10	1.13E-08	1.04E-09	1.34E-08
291	SG_291	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.300	7.75E-08	9.70E-08	Not Modelled	1.82E-09	5.60E-11	2.33E-06	6.05E-09	1.21E-09	1.21E-16	6.05E-10	1.45E-11	1.07E-11	2.97E-11	9.77E-11	5.78E-10	9.24E-12	2.09E-10	1.06E-08	9.82E-10	1.26E-08
292	SG_292	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.300	7.46E-08	9.44E-08	Not Modelled	1.67E-09	5.44E-11	2.18E-06	5.88E-09	1.18E-09	1.18E-16	5.88E-10	1.41E-11	1.04E-11	2.88E-11	9.49E-11	5.61E-10	8.97E-12	2.03E-10	1.03E-08	9.54E-10	1.23E-08
293	SG_293	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.300	6.93E-08	9.33E-08	Not Modelled	1.52E-09	5.27E-11	1.94E-06	5.70E-09	1.14E-09	1.14E-16	5.70E-10	1.36E-11	1.00E-11	2.79E-11	9.20E-11	5.44E-10	8.70E-12	1.96E-10	9.98E-09	9.24E-10	1.19E-08
294	SG_294	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6366.300	6.93E-08	9.68E-08	Not Modelled	1.46E-09	5.41E-11	1.91E-06	5.85E-09	1.17E-09	1.17E-16	5.85E-10	1.40E-11	1.03E-11	2.87E-11	9.45E-11	5.58E-10	8.93E-12	2.02E-10	1.02E-08	9.49E-10	1.22E-08
295	SG_295	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6366.300	7.99E-08	1.09E-07	Not Modelled	1.60E-09	6.11E-11	2.14E-06	6.61E-09	1.32E-09	1.32E-16	6.61E-10	1.58E-11	1.16E-11	3.24E-11	1.07E-10	6.31E-10	1.01E-11	2.28E-10	1.16E-08	1.07E-09	1.38E-08
296	SG_296	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.300	9.97E-08	1.32E-07	Not Modelled	1.95E-09	7.47E-11	2.61E-06	8.07E-09	1.61E-09	1.61E-16	8.07E-10	1.93E-11	1.42E-11	3.96E-11	1.30E-10	7.71E-10	1.23E-11	2.78E-10	1.41E-08	1.31E-09	1.68E-08
297	SG_297	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.300	1.22E-07	1.60E-07	Not Modelled	2.41E-09	9.02E-11	3.09E-06	9.75E-09	1.95E-09	1.95E-16	9.75E-10	2.33E-11	1.72E-11	4.78E-11	1.57E-10	9.31E-10	1.49E-11	3.36E-10	1.71E-08	1.58E-09	2.04E-08
298	SG_298	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.300	1.57E-07	1.99E-07	Not Modelled	3.28E-09	1.13E-10	3.72E-06	1.22E-08	2.44E-09	2.44E-16	1.22E-09	2.92E-11	2.15E-11	5.98E-11	1.97E-10	1.17E-09	1.86E-11	4.21E-10	2.14E-08	1.98E-09	2.55E-08
299	SG_299	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.300	2.04E-07	2.67E-07	Not Modelled	5.05E-09	1.48E-10	4.62E-06	1.60E-08	3.20E-09	3.20E-16	1.60E-09	3.83E-11	2.82E-11	7.85E-11	2.58E-10	1.53E-09	2.44E-11	5.52E-10	2.80E-08	2.60E-09	3.34E-08
300	SG_300	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.300	2.36E-07	3.48E-07	Not Modelled	7.44E-09	1.83E-10	5.49E-06	1.98E-08	3.96E-09	3.96E-16	1.98E-09	4.74E-11	3.49E-11	9.72E-11	3.20E-10	1.89E-09	3.03E-11	6.83E-10	3.47E-08	3.22E-09	4.14E-08
301	SG_301	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.300	2.54E-07	4.12E-07	Not Modelled	9.27E-09	2.09E-10	6.13E-06	2.26E-08	4.52E-09	4.52E-16	2.26E-09	5.41E-11	3.99E-11	1.11E-10	3.65E-10	2.16E-09	3.45E-11	7.80E-10	3.96E-08	3.67E-09	4.72E-08
302	SG_302	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.300	2.54E-07	4.41E-07	Not Modelled	9.73E-09	2.19E-10	6.20E-06	2.37E-08	4.74E-09	4.74E-16	2.37E-09	5.67E-11	4.18E-11	1.16E-10	3.83E-10	2.26E-09	3.62E-11	8.17E-10	4.15E-08	3.84E-09	4.94E-08
303	SG_303	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.300	2.52E-07	4.60E-07	Not Modelled	9.54E-09	2.25E-10	6.00E-06	2.44E-08	4.87E-09	4.87E-16	2.44E-09	5.83E-11	4.29E-11	1.19E-10	3.93E-10	2.33E-09	3.72E-11	8.40E-10	4.27E-08	3.95E-09	5.08E-08
304	SG_304	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.300	2.52E-07	4.73E-07	Not Modelled	9.19E-09	2.30E-10	5.70E-06	2.48E-08	4.97E-09	4.97E-16	2.48E-09	5.94E-11	4.38E-11	1.22E-10	4.01E-10	2.37E-09	3.79E-11	8.56E-10	4.35E-08	4.03E-09	5.18E-08
305	SG_305	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.300	2.49E-07	4.74E-07	Not Modelled	8.83E-09	2.30E-10	5.38E-06	2.48E-08	4.96E-09	4.96E-16	2.48E-09	5.94E-11	4.37E-11	1.22E-10	4.01E-10	2.37E-09	3.79E-11	8.55E-10	4.34E-08	4.02E-09	5.18E-08
306	SG_306	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.300	2.37E-07	4.51E-07	Not Modelled	8.34E-09	2.19E-10	4.92E-06	2.36E-08	4.73E-09	4.73E-16	2.37E-09	5.66E-11	4.17E-11	1.16E-10	3.82E-10	2.26E-09	3.61E-11	8.15E-10	4.14E-08	3.84E-09	4.94E-08
307	SG_307	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.300	2.25E-07	4.30E-07	Not Modelled	7.96E-09	2.08E-10	4.60E-06	2.25E-08	4.50E-09	4.50E-16	2.25E-09	5.39E-11	3.97E-11	1.10E-10	3.64E-10	2.15E-09	3.44E-11	7.76E-10	3.94E-08	3.65E-09	4.70E-08
308	SG_308	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.300	2.17E-07	4.15E-07	Not Modelled	7.70E-09	2.00E-10	4.41E-06	2.17E-08	4.33E-09	4.33E-16	2.17E-09	5.18E-11	3.82E-11	1.06E-10	3.50E-10	2.07E-09	3.31E-11	7.47E-10	3.79E-08	3.51E-09	4.52E-08
309	SG_309	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.300	2.02E-07	3.87E-07	Not Modelled	7.27E-09	1.87E-10	4.09E-06	2.02E-08	4.04E-09	4.04E-16	2.02E-09	4.83E-11	3.56E-11	9.90E-11	3.26E-10	1.93E-09	3.08E-11	6.96E-10	3.53E-08	3.27E-09	4.21E-08
310	SG_310	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.300	1.89E-07	3.63E-07	Not Modelled	6.87E-09	1.75E-10	3.81E-06	1.89E-08	3.78E-09	3.78E-16	1.89E-09	4.52E-11	3.33E-11	9.27E-11	3.05E-10	1.80E-09	2.89E-11	6.51E-10	3.31E-08	3.07E-09	3.94E-08
311	SG_311	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.500	5.21E-08	9.43E-08	Not Modelled	1.91E-09	4.68E-11	1.56E-06	5.05E-09	1.01E-09	1.01E-16	5.06E-10	1.21E-11	8.91E-12	2.48E-11	8.16E-11	4.83E-10	7.72E-12	1.74E-10	8.85E-09	8.20E-10	1.06E-08
312	SG_312	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.500	5.64E-08	9.91E-08	Not Modelled	2.23E-09	4.96E-11	1.63E-06	5.36E-09	1.07E-09	1.07E-16	5.36E-10	1.28E-11	9.44E-12	2.63E-11	8.65E-11	5.11E-10	8.18E-12	1.85E-10	9.38E-09	8.69E-10	1.12E-08
313	SG_313	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.500	6.74E-08	1.11E-07	Not Modelled	2.78E-09	5.65E-11	1.95E-06	6.10E-09	1.22E-09	1.22E-16	6.10E-10	1.46E-11	1.08E-11	2.99E-11	9.85E-11	5.83E-10	9.31E-12	2.10E-10	1.07E-08	9.90E-10	1.27E-08
314	SG_314	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.500	8.37E-08	1.15E-07	Not Modelled	3.08E-09	6.24E-11	2.26E-06	6.74E-09	1.35E-09	1.35E-16	6.74E-10	1.61E-11	1.19E-11	3.30E-11	1.09E-10	6.43E-10	1.03E-11	2.32E-10	1.18E-08	1.09E-09	1.41E-08
315	SG_315	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.500	1.09E-07	1.05E-07	Not Modelled	2.94E-09	6.63E-11	2.56E-06	7.16E-09	1.43E-09	1.43E-16	7.16E-10	1.71E-11	1.26E-11	3.51E-11	1.16E-10	6.83E-10	1.09E-11	2.47E-10	1.25E-08	1.16E-09	1.49E-08
316	SG_316	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.500	1.39E-07	9.07E-08	Not Modelled	2.74E-09	7.00E-11	2.89E-06	7.57E-09	1.51E-09	1.51E-16	7.57E-10	1.81E-11	1.33E-11	3.71E-11	1.22E-10	7.22E-10	1.16E-11	2.61E-10	1.32E-08	1.23E-09	1.58E-08
317	SG_317	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.500	1.55E-07	9.22E-08	Not Modelled	2.77E-09	7.53E-11	3.22E-06	8.13E-09	1.63E-09	1.63E-16	8.14E-10	1.95E-11	1.43E-11	3.99E-11	1.31E-10	7.76E-10	1.24E-11	2.80E-10	1.42E-08	1.32E-09	1.70E-08
318	SG_318	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.500	1.52E-07	1.11E-07	Not Modelled	2.93E-09	8.13E-11	3.52E-06	8.78E-09	1.76E-09	1.76E-16	8.79E-10	2.10E-11	1.55E-11	4.31E-11	1.42E-10	8.38E-10	1.34E-11	3.03E-10	1.54E-08	1.43E-09	1.83E-08
319	SG_319	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.500	1.44E-07	1.36E-07	Not Modelled	3.17E-09	8.75E-11	3.89E-06	9.46E-09	1.89E-09	1.89E-16	9.46E-10	2.26E-11	1.67E-11	4.64E-11	1.53E-10	9.03E-10	1.44E-11	3.26E-10	1.66E-08	1.53E-09	1.97E-08
320	SG_320	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.500	1.39E-07	1.55E-07	Not Modelled	3.40E-09	9.28E-11	4.37E-06	1.00E-08	2.01E-09	2.01E-16	1.00E-09	2.40E-11	1.77E-11	4.92E-11	1.62E-10	9.57E-10	1.53E-11	3.46E-10	1.76E-08	1.63E-09	2.09E-08
321	SG_321	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.500	1.28E-07	1.56E-07	Not Modelled	3.28E-09	9.04E-11	4.37E-06	9.76E-09	1.95E-09	1.95E-16	9.77E-10	2.34E-11	1.72E-11	4.79E-11	1.58E-10	9.32E-10	1.49E-11	3.36E-10	1.71E-08	1.58E-09	2.04E-08
322	SG_322	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.500	1.12E-07	1.44E-07	Not Modelled	2.84E-09	8.19E-11	3.79E-06	8.85E-09	1.77E-09	1.77E-16	8.85E-10	2.12E-11	1.56E-11	4.34E-11	1.43E-10	8.45E-10	1.35E-11	3.05E-10	1.55E-08	1.44E-09	1.85E-08
323	SG_323	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.500	9.82E-08	1.29E-07	Not Modelled	2.36E-09	7.30E-11	3.08E-06	7.88E-09	1.58E-09	1.58E-16	7.89E-10	1.89E-11	1.39E-11	3.87E-11	1.27E-10	7.53E-10	1.20E-11	2.72E-10	1.38E-08	1.28E-09	1.65E-08
324	SG_324	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.500	8.69E-08	1.18E-07	Not Modelled	2.00E-09	6.64E-11	2.61E-06	7.18E-09	1.44E-09	1.44E-16	7.18E-10	1.72E-11	1.27E-11	3.52E-11	1.16E-10	6.86E-10	1.10E-11	2.47E-10	1.26E-08	1.16E-09	1.50E-08
325	SG_325	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6366.500	8.21E-08	1.15E-07	Not Modelled	1.82E-09	6.40E-11	2.40E-06	6.92E-09	1.38E-09	1.38E-16	6.92E-10	1.65E-11	1.22E-11	3.39E-11	1.12E-10	6.60E-10	1.06E-11	2.38E-10	1.21E-08	1.12E-09	1.44E-08
326	SG_326	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6366.500	1.00E-07	1.45E-07	Not Modelled	2.18E-09	7.93E-11	2.95E-06	8.57E-09	1.71E-09	1.71E-16	8.57E-10	2.05E-11	1.51E-11	4.20E-11	1.38E-10	8.18E-10	1.31E-11	2.95E-10	1.50E-08	1.39E-09	1.79E-08
327	SG_327	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6366.500	1.33E-07	2.10E-07	Not Modelled	2.98E-09	1.10E-10	3.99E-06	1.19E-08	2.38E-09	2.38E-16	1.19E-09	2.85E-11	2.10E-11	5.83E-11	1.92E-10	1.14E-09	1.82E-11	4.10E-10	2.08E-08	1.93E-09	2.48E-08
328	SG_328	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.500	1.70E-07	2.85E-07	Not Modelled	4.16E-09	1.45E-10	4.99E-06	1.57E-08	3.14E-09	3.14E-16	1.57E-09	3.75E-11	2.77E-11	7.70E-11	2.53E-10	1.50E-09	2.40E-11	5.41E-10	2.75E-08	2.55E-09	3.28E-08
329	SG_329	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.500	2.30E-07	3.92E-07	Not Modelled	6.79E-09	1.97E-10	6.41E-06	2.13E-08	4.26E-09	4.26E-16	2.13E-09	5.10E-11	3.76E-11	1.05E-10	3.44E-10	2.03E-09	3.25E-11	7.35E-10	3.73E-08	3.46E-09	4.45E-08
330	SG_330	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.500	2.93E-07	5.13E-07	Not Modelled	1.12E-08	2.54E-10	7.87E-06	2.74E-08	5.48E-09	5.48E-16	2.74E-09	6.56E-11	4.83E-11	1.35E-10	4.43E-10	2.62E-09	4.19E-11	9.46E-10	4.80E-08	4.45E-09	5.72E-08
331	SG_331	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.500	3.14E-07	5.71E-07	Not Modelled	1.58E-08	2.78E-10	8.48E-06	3.01E-08	6.01E-09	6.01E-16	3.01E-09	7.19E-11	5.30E-11	1.47E-10	4.85E-10	2.87E-09	4.59E-11	1.04E-09	5.26E-08	4.88E-09	6.27E-08
332	SG_332	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.500	3.21E-07	5.97E-07	Not Modelled	1.80E-08	2.88E-10	8.92E-06	3.12E-08	6.23E-09	6.23E-16	3.12E-09	7.46E-11	5.49E-11	1.53E-10	5.03E-10	2.98E-09	4.76E-11	1.07E-09	5.46E-08	5.06E-09	6.51E-08
333	SG_333	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.500	3.01E-07	5.66E-07	Not Modelled	1.67E-08	2.73E-10	8.27E-06	2.96E-08	5.91E-09	5.91E-16	2.96E-09	7.07E-11	5.21E-11	1.45E-10	4.77E-10	2.82E-09	4.51E-11	1.02E-09	5.17E-08	4.79E-09	6.17E-08
334	SG_334	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.500	2.84E-07	5.39E-07	Not Modelled	1.42E-08	2.61E-10	7.50E-06	2.82E-08	5.63E-09	5.63E-16	2.82E-09	6.74E-11	4.96E-11	1.38E-10	4.55E-10	2.69E-09	4.30E-11	9.71E-10	4.93E-08	4.57E-09	5.88E-08
335	SG_335	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.500	2.71E-07	5.15E-07	Not Modelled	1.19E-08	2.49E-10	6.63E-06	2.69E-08	5.39E-09	5.39E-16	2.70E-09	6.45E-11	4.75E-11	1.32E-10	4.35E-10	2.57E-09	4.11E-11	9.29E-10	4.72E-08	4.37E-09	5.62E-08
336	SG_336	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.500	2.62E-07	5.00E-07	Not Modelled	1.04E-08	2.42E-10	5.97E-06	2.62E-08	5.24E-09	5.24E-16	2.62E-09	6.27E-11	4.62E-11	1.28E-10	4.23E-10	2.50E-09	4.00E-11	9.03E-10	4.58E-08	4.25E-09	5.46E-08
337	SG_337	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.500	2.62E-07	5.00E-07	Not Modelled	9.65E-09	2.42E-10	5.68E-06	2.61E-08	5.23E-09	5.23E-16	2.61E-09	6.25E-11	4.61E-11	1.28E-10	4.22E-10	2.50E-09	3.99E-11	9.01E-10	4.58E-08	4.24E-09	5.45E-08
338	SG_338	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.500	2.48E-07	4.74E-07	Not Modelled	8.92E-09	2.29E-10	5.20E-06	2.47E-08	4.95E-09	4.95E-16	2.47E-09	5.92E-11	4.36E-11	1.21E-10	3.99E-10	2.36E-09	3.78E-11	8.53E-10	4.33E-08	4.01E-09	5.16E-08
339	SG_339	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.500	2.28E-07	4.36E-07	Not Modelled	8.20E-09	2.11E-10	4.71E-06	2.28E-08	4.55E-09	4.55E-16	2.28E-09	5.45E-11	4.01E-11	1.12E-10	3.68E-10	2.17E-09	3.48E-11	7.85E-10	3.98E-08	3.69E-09	4.75E-08
340	SG_340	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.500	2.08E-07	3.98E-07	Not Modelled	7.53E-09	1.92E-10	4.27E-06	2.07E-08	4.15E-09	4.15E-16	2.07E-09	4.96E-11	3.66E-11	1.02E-10	3.35E-10	1.98E-09	3.17E-11	7.15E-10	3.63E-08	3.36E-09	4.33E-08

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 2 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**3.08E-06**	**5.69E-06**	**0.00E+00**	**3.69E-07**	**2.85E-09**	**1.88E-04**	**3.08E-07**	**6.16E-08**	**6.16E-15**	**3.08E-08**	**7.37E-10**	**5.43E-10**	**1.51E-09**	**4.98E-09**	**2.94E-08**	**4.71E-10**	**1.06E-08**	**5.40E-07**	**5.00E-08**	**6.43E-07**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
341	SG_341	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.500	1.91E-07	3.65E-07	Not Modelled	6.96E-09	1.76E-10	3.91E-06	1.90E-08	3.81E-09	3.81E-16	1.90E-09	4.55E-11	3.35E-11	9.33E-11	3.07E-10	1.82E-09	2.91E-11	6.56E-10	3.33E-08	3.09E-09	3.97E-08
342	SG_342	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.700	5.11E-08	8.95E-08	Not Modelled	1.95E-09	4.51E-11	1.56E-06	4.87E-09	9.74E-10	9.74E-17	4.87E-10	1.16E-11	8.58E-12	2.39E-11	7.86E-11	4.65E-10	7.43E-12	1.68E-10	8.53E-09	7.90E-10	1.02E-08
343	SG_343	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.700	5.51E-08	9.23E-08	Not Modelled	2.26E-09	4.71E-11	1.62E-06	5.09E-09	1.02E-09	1.02E-16	5.09E-10	1.22E-11	8.96E-12	2.49E-11	8.21E-11	4.86E-10	7.76E-12	1.75E-10	8.90E-09	8.25E-10	1.06E-08
344	SG_344	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.700	6.45E-08	9.93E-08	Not Modelled	2.71E-09	5.19E-11	1.87E-06	5.61E-09	1.12E-09	1.12E-16	5.61E-10	1.34E-11	9.89E-12	2.75E-11	9.06E-11	5.36E-10	8.57E-12	1.93E-10	9.82E-09	9.10E-10	1.17E-08
345	SG_345	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.700	7.96E-08	9.99E-08	Not Modelled	2.91E-09	5.63E-11	2.12E-06	6.09E-09	1.22E-09	1.22E-16	6.09E-10	1.46E-11	1.07E-11	2.99E-11	9.83E-11	5.81E-10	9.29E-12	2.10E-10	1.07E-08	9.88E-10	1.27E-08
346	SG_346	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.700	1.10E-07	9.44E-08	Not Modelled	2.98E-09	6.31E-11	2.60E-06	6.82E-09	1.36E-09	1.36E-16	6.83E-10	1.63E-11	1.20E-11	3.35E-11	1.10E-10	6.51E-10	1.04E-11	2.35E-10	1.19E-08	1.11E-09	1.42E-08
347	SG_347	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.700	1.37E-07	8.37E-08	Not Modelled	2.81E-09	6.75E-11	2.83E-06	7.30E-09	1.46E-09	1.46E-16	7.30E-10	1.75E-11	1.29E-11	3.58E-11	1.18E-10	6.97E-10	1.11E-11	2.52E-10	1.28E-08	1.18E-09	1.52E-08
348	SG_348	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.700	1.53E-07	1.00E-07	Not Modelled	3.01E-09	7.80E-11	3.25E-06	8.43E-09	1.69E-09	1.69E-16	8.43E-10	2.02E-11	1.49E-11	4.13E-11	1.36E-10	8.04E-10	1.29E-11	2.90E-10	1.48E-08	1.37E-09	1.76E-08
349	SG_349	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.700	1.56E-07	1.50E-07	Not Modelled	3.51E-09	9.55E-11	3.91E-06	1.03E-08	2.06E-09	2.06E-16	1.03E-09	2.47E-11	1.82E-11	5.06E-11	1.67E-10	9.85E-10	1.58E-11	3.56E-10	1.81E-08	1.67E-09	2.15E-08
350	SG_350	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.700	1.56E-07	2.12E-07	Not Modelled	4.16E-09	1.16E-10	4.71E-06	1.26E-08	2.52E-09	2.52E-16	1.26E-09	3.01E-11	2.22E-11	6.17E-11	2.03E-10	1.20E-09	1.92E-11	4.34E-10	2.20E-08	2.04E-09	2.63E-08
351	SG_351	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.700	1.62E-07	2.54E-07	Not Modelled	4.71E-09	1.33E-10	5.41E-06	1.43E-08	2.86E-09	2.86E-16	1.43E-09	3.43E-11	2.52E-11	7.02E-11	2.31E-10	1.37E-09	2.19E-11	4.94E-10	2.51E-08	2.32E-09	2.99E-08
352	SG_352	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.700	1.59E-07	2.62E-07	Not Modelled	4.80E-09	1.35E-10	5.63E-06	1.46E-08	2.91E-09	2.91E-16	1.46E-09	3.48E-11	2.57E-11	7.14E-11	2.35E-10	1.39E-09	2.22E-11	5.02E-10	2.55E-08	2.36E-09	3.04E-08
353	SG_353	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.700	1.43E-07	2.39E-07	Not Modelled	4.31E-09	1.23E-10	5.10E-06	1.33E-08	2.66E-09	2.66E-16	1.33E-09	3.18E-11	2.35E-11	6.53E-11	2.15E-10	1.27E-09	2.03E-11	4.59E-10	2.33E-08	2.16E-09	2.78E-08
354	SG_354	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.700	1.29E-07	2.17E-07	Not Modelled	3.75E-09	1.12E-10	4.52E-06	1.21E-08	2.42E-09	2.42E-16	1.21E-09	2.90E-11	2.14E-11	5.95E-11	1.96E-10	1.16E-09	1.85E-11	4.18E-10	2.12E-08	1.97E-09	2.53E-08
355	SG_355	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.700	1.17E-07	1.98E-07	Not Modelled	3.24E-09	1.02E-10	4.03E-06	1.11E-08	2.21E-09	2.21E-16	1.11E-09	2.65E-11	1.95E-11	5.43E-11	1.79E-10	1.06E-09	1.69E-11	3.81E-10	1.94E-08	1.80E-09	2.31E-08
356	SG_356	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6366.700	1.15E-07	1.95E-07	Not Modelled	3.03E-09	1.01E-10	3.89E-06	1.09E-08	2.18E-09	2.18E-16	1.09E-09	2.61E-11	1.92E-11	5.34E-11	1.76E-10	1.04E-09	1.66E-11	3.75E-10	1.91E-08	1.77E-09	2.27E-08
357	SG_357	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6366.700	1.49E-07	2.61E-07	Not Modelled	3.81E-09	1.32E-10	4.95E-06	1.43E-08	2.85E-09	2.85E-16	1.43E-09	3.42E-11	2.52E-11	7.00E-11	2.31E-10	1.36E-09	2.18E-11	4.92E-10	2.50E-08	2.32E-09	2.98E-08
358	SG_358	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.700	2.04E-07	3.70E-07	Not Modelled	5.26E-09	1.84E-10	6.60E-06	1.99E-08	3.97E-09	3.97E-16	1.99E-09	4.75E-11	3.50E-11	9.74E-11	3.21E-10	1.90E-09	3.03E-11	6.85E-10	3.48E-08	3.22E-09	4.15E-08
359	SG_359	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.700	2.74E-07	5.10E-07	Not Modelled	8.47E-09	2.50E-10	8.40E-06	2.70E-08	5.40E-09	5.40E-16	2.70E-09	6.46E-11	4.76E-11	1.32E-10	4.36E-10	2.58E-09	4.12E-11	9.31E-10	4.73E-08	4.38E-09	5.64E-08
360	SG_360	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.700	3.76E-07	7.13E-07	Not Modelled	1.62E-08	3.44E-10	1.12E-05	3.72E-08	7.44E-09	7.44E-16	3.72E-09	8.91E-11	6.56E-11	1.83E-10	6.01E-10	3.55E-09	5.68E-11	1.28E-09	6.52E-08	6.04E-09	7.77E-08
361	SG_361	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.700	4.34E-07	8.30E-07	Not Modelled	2.54E-08	3.98E-10	1.29E-05	4.30E-08	8.59E-09	8.59E-16	4.30E-09	1.03E-10	7.58E-11	2.11E-10	6.94E-10	4.10E-09	6.56E-11	1.48E-09	7.52E-08	6.97E-09	8.97E-08
362	SG_362	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.700	4.17E-07	8.00E-07	Not Modelled	3.13E-08	3.82E-10	1.27E-05	4.13E-08	8.26E-09	8.26E-16	4.13E-09	9.89E-11	7.28E-11	2.03E-10	6.67E-10	3.94E-09	6.31E-11	1.42E-09	7.23E-08	6.70E-09	8.62E-08
363	SG_363	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.700	3.79E-07	7.29E-07	Not Modelled	3.09E-08	3.49E-10	1.16E-05	3.77E-08	7.53E-09	7.53E-16	3.77E-09	9.01E-11	6.64E-11	1.85E-10	6.08E-10	3.60E-09	5.75E-11	1.30E-09	6.60E-08	6.11E-09	7.86E-08
364	SG_364	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.700	3.47E-07	6.67E-07	Not Modelled	2.59E-08	3.20E-10	1.03E-05	3.46E-08	6.91E-09	6.91E-16	3.46E-09	8.27E-11	6.09E-11	1.70E-10	5.58E-10	3.30E-09	5.28E-11	1.19E-09	6.05E-08	5.61E-09	7.21E-08
365	SG_365	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.700	3.23E-07	6.20E-07	Not Modelled	2.01E-08	2.98E-10	9.05E-06	3.22E-08	6.44E-09	6.44E-16	3.22E-09	7.71E-11	5.68E-11	1.58E-10	5.20E-10	3.08E-09	4.92E-11	1.11E-09	5.64E-08	5.23E-09	6.73E-08
366	SG_366	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.700	3.01E-07	5.75E-07	Not Modelled	1.52E-08	2.78E-10	7.74E-06	3.00E-08	6.00E-09	6.00E-16	3.00E-09	7.18E-11	5.29E-11	1.47E-10	4.85E-10	2.87E-09	4.58E-11	1.04E-09	5.26E-08	4.87E-09	6.27E-08
367	SG_367	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.700	2.88E-07	5.51E-07	Not Modelled	1.21E-08	2.67E-10	6.77E-06	2.88E-08	5.76E-09	5.76E-16	2.88E-09	6.89E-11	5.08E-11	1.41E-10	4.65E-10	2.75E-09	4.40E-11	9.93E-10	5.04E-08	4.67E-09	6.01E-08
368	SG_368	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.700	2.77E-07	5.29E-07	Not Modelled	1.04E-08	2.56E-10	5.98E-06	2.77E-08	5.53E-09	5.53E-16	2.77E-09	6.62E-11	4.88E-11	1.36E-10	4.47E-10	2.64E-09	4.22E-11	9.54E-10	4.84E-08	4.49E-09	5.77E-08
369	SG_369	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.700	2.59E-07	4.95E-07	Not Modelled	9.24E-09	2.39E-10	5.30E-06	2.59E-08	5.17E-09	5.17E-16	2.59E-09	6.19E-11	4.56E-11	1.27E-10	4.18E-10	2.47E-09	3.95E-11	8.92E-10	4.53E-08	4.19E-09	5.40E-08
370	SG_370	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.700	2.35E-07	4.50E-07	Not Modelled	8.31E-09	2.18E-10	4.75E-06	2.35E-08	4.70E-09	4.70E-16	2.35E-09	5.62E-11	4.14E-11	1.15E-10	3.80E-10	2.24E-09	3.59E-11	8.11E-10	4.12E-08	3.81E-09	4.91E-08
371	SG_371	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.700	2.07E-07	3.97E-07	Not Modelled	7.39E-09	1.92E-10	4.20E-06	2.07E-08	4.14E-09	4.14E-16	2.07E-09	4.96E-11	3.65E-11	1.02E-10	3.35E-10	1.98E-09	3.16E-11	7.14E-10	3.63E-08	3.36E-09	4.32E-08
372	SG_372	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.700	1.86E-07	3.57E-07	Not Modelled	6.72E-09	1.72E-10	3.81E-06	1.86E-08	3.72E-09	3.72E-16	1.86E-09	4.45E-11	3.28E-11	9.13E-11	3.01E-10	1.78E-09	2.84E-11	6.42E-10	3.26E-08	3.02E-09	3.88E-08
373	SG_373	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.900	5.17E-08	8.67E-08	Not Modelled	1.99E-09	4.45E-11	1.53E-06	4.80E-09	9.61E-10	9.61E-17	4.81E-10	1.15E-11	8.47E-12	2.36E-11	7.76E-11	4.59E-10	7.34E-12	1.66E-10	8.41E-09	7.80E-10	1.00E-08
374	SG_374	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.900	5.73E-08	9.09E-08	Not Modelled	2.34E-09	4.74E-11	1.69E-06	5.12E-09	1.02E-09	1.02E-16	5.12E-10	1.23E-11	9.03E-12	2.51E-11	8.27E-11	4.89E-10	7.82E-12	1.77E-10	8.97E-09	8.31E-10	1.07E-08
375	SG_375	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.900	6.61E-08	9.50E-08	Not Modelled	2.66E-09	5.12E-11	1.92E-06	5.53E-09	1.11E-09	1.11E-16	5.53E-10	1.32E-11	9.75E-12	2.71E-11	8.93E-11	5.28E-10	8.44E-12	1.91E-10	9.68E-09	8.97E-10	1.15E-08
376	SG_376	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.900	7.96E-08	9.48E-08	Not Modelled	2.79E-09	5.50E-11	2.16E-06	5.94E-09	1.19E-09	1.19E-16	5.94E-10	1.42E-11	1.05E-11	2.91E-11	9.59E-11	5.67E-10	9.07E-12	2.05E-10	1.04E-08	9.64E-10	1.24E-08
377	SG_377	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.900	9.84E-08	9.07E-08	Not Modelled	2.81E-09	5.91E-11	2.42E-06	6.39E-09	1.28E-09	1.28E-16	6.39E-10	1.53E-11	1.13E-11	3.13E-11	1.03E-10	6.10E-10	9.75E-12	2.20E-10	1.12E-08	1.04E-09	1.33E-08
378	SG_378	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.900	1.17E-07	9.46E-08	Not Modelled	2.99E-09	6.61E-11	2.73E-06	7.14E-09	1.43E-09	1.43E-16	7.14E-10	1.71E-11	1.26E-11	3.50E-11	1.15E-10	6.81E-10	1.09E-11	2.46E-10	1.25E-08	1.16E-09	1.49E-08
379	SG_379	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.900	1.30E-07	1.25E-07	Not Modelled	3.52E-09	8.02E-11	3.25E-06	8.67E-09	1.73E-09	1.73E-16	8.68E-10	2.07E-11	1.53E-11	4.25E-11	1.40E-10	8.28E-10	1.32E-11	2.99E-10	1.52E-08	1.41E-09	1.81E-08
380	SG_380	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.900	1.41E-07	1.88E-07	Not Modelled	4.30E-09	1.04E-10	4.06E-06	1.13E-08	2.26E-09	2.26E-16	1.13E-09	2.70E-11	1.99E-11	5.53E-11	1.82E-10	1.08E-09	1.72E-11	3.89E-10	1.97E-08	1.83E-09	2.35E-08
381	SG_381	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.900	1.57E-07	2.60E-07	Not Modelled	5.11E-09	1.33E-10	4.94E-06	1.44E-08	2.88E-09	2.88E-16	1.44E-09	3.45E-11	2.54E-11	7.07E-11	2.33E-10	1.38E-09	2.20E-11	4.97E-10	2.52E-08	2.34E-09	3.01E-08
382	SG_382	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.900	1.84E-07	3.26E-07	Not Modelled	6.14E-09	1.64E-10	6.01E-06	1.77E-08	3.54E-09	3.54E-16	1.77E-09	4.23E-11	3.12E-11	8.67E-11	2.86E-10	1.69E-09	2.70E-11	6.10E-10	3.10E-08	2.87E-09	3.69E-08
383	SG_383	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.900	2.10E-07	3.82E-07	Not Modelled	7.31E-09	1.90E-10	7.31E-06	2.05E-08	4.11E-09	4.11E-16	2.06E-09	4.91E-11	3.62E-11	1.01E-10	3.32E-10	1.96E-09	3.14E-11	7.08E-10	3.60E-08	3.33E-09	4.29E-08
384	SG_384	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6366.900	2.18E-07	4.00E-07	Not Modelled	7.83E-09	1.99E-10	8.13E-06	2.15E-08	4.29E-09	4.29E-16	2.15E-09	5.14E-11	3.78E-11	1.05E-10	3.47E-10	2.05E-09	3.28E-11	7.40E-10	3.76E-08	3.48E-09	4.48E-08
385	SG_385	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6366.900	2.06E-07	3.76E-07	Not Modelled	7.19E-09	1.88E-10	8.02E-06	2.03E-08	4.07E-09	4.07E-16	2.04E-09	4.87E-11	3.59E-11	9.98E-11	3.29E-10	1.94E-09	3.11E-11	7.01E-10	3.56E-08	3.30E-09	4.25E-08
386	SG_386	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6366.900	1.84E-07	3.33E-07	Not Modelled	6.06E-09	1.68E-10	7.01E-06	1.82E-08	3.63E-09	3.63E-16	1.82E-09	4.35E-11	3.20E-11	8.91E-11	2.93E-10	1.73E-09	2.77E-11	6.26E-10	3.18E-08	2.95E-09	3.79E-08
387	SG_387	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6366.900	1.76E-07	3.19E-07	Not Modelled	5.40E-09	1.61E-10	6.41E-06	1.74E-08	3.47E-09	3.47E-16	1.74E-09	4.15E-11	3.06E-11	8.52E-11	2.80E-10	1.66E-09	2.65E-11	5.99E-10	3.04E-08	2.82E-09	3.62E-08
388	SG_388	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6366.900	2.42E-07	4.48E-07	Not Modelled	6.98E-09	2.23E-10	8.56E-06	2.41E-08	4.81E-09	4.81E-16	2.41E-09	5.76E-11	4.24E-11	1.18E-10	3.89E-10	2.30E-09	3.67E-11	8.30E-10	4.21E-08	3.90E-09	5.02E-08
389	SG_389	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.900	3.47E-07	6.49E-07	Not Modelled	1.03E-08	3.20E-10	1.14E-05	3.45E-08	6.91E-09	6.91E-16	3.46E-09	8.27E-11	6.09E-11	1.69E-10	5.58E-10	3.30E-09	5.28E-11	1.19E-09	6.05E-08	5.60E-09	7.21E-08
390	SG_390	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.900	5.11E-07	9.74E-07	Not Modelled	2.17E-08	4.71E-10	1.58E-05	5.09E-08	1.02E-08	1.02E-15	5.10E-09	1.22E-10	8.98E-11	2.50E-10	8.23E-10	4.86E-09	7.78E-11	1.76E-09	8.92E-08	8.26E-09	1.06E-07
391	SG_391	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.900	6.40E-07	1.24E-06	Not Modelled	4.31E-08	5.91E-10	2.07E-05	6.39E-08	1.28E-08	1.28E-15	6.39E-09	1.53E-10	1.13E-10	3.13E-10	1.03E-09	6.10E-09	9.75E-11	2.20E-09	1.12E-07	1.04E-08	1.33E-07
393	SG_393	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.900	5.19E-07	1.01E-06	Not Modelled	5.26E-08	4.79E-10	1.78E-05	5.18E-08	1.04E-08	1.04E-15	5.18E-09	1.24E-10	9.13E-11	2.54E-10	8.37E-10	4.95E-09	7.91E-11	1.79E-09	9.07E-08	8.40E-09	1.08E-07
394	SG_394	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.900	4.40E-07	8.53E-07	Not Modelled	4.44E-08	4.07E-10	1.46E-05	4.40E-08	8.79E-09	8.79E-16	4.40E-09	1.05E-10	7.75E-11	2.16E-10	7.10E-10	4.20E-09	6.72E-11	1.52E-09	7.70E-08	7.13E-09	9.18E-08
395	SG_395	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.900	4.01E-07	7.74E-07	Not Modelled	3.41E-08	3.71E-10	1.21E-05	4.01E-08	8.02E-09	8.02E-16	4.01E-09	9.59E-11	7.07E-11	1.97E-10	6.47E-10	3.83E-09	6.12E-11	1.38E-09	7.02E-08	6.50E-09	8.37E-08
396	SG_396	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.900	3.74E-07	7.18E-07	Not Modelled	2.48E-08	3.45E-10	1.01E-05	3.73E-08	7.46E-09	7.46E-16	3.73E-09	8.93E-11	6.58E-11	1.83E-10	6.03E-10	3.56E-09	5.70E-11	1.29E-09	6.53E-08	6.05E-09	7.79E-08
397	SG_397	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6366.900	3.65E-07	7.01E-07	Not Modelled	1.83E-08	3.37E-10	9.14E-06	3.64E-08	7.29E-09	7.29E-16	3.65E-09	8.72E-11	6.42E-11	1.79E-10	5.89E-10	3.48E-09	5.57E-11	1.26E-09	6.38E-08	5.91E-09	7.61E-08
398	SG_398	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6366.900	3.16E-07	6.05E-07	Not Modelled	1.31E-08	2.92E-10	7.03E-06	3.16E-08	6.32E-09	6.32E-16	3.16E-09	7.56E-11	5.57E-11	1.55E-10	5.10E-10	3.02E-09	4.83E-11	1.09E-09	5.53E-08	5.13E-09	6.60E-08
399	SG_399	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.900	2.96E-07	5.66E-07	Not Modelled	1.06E-08	2.74E-10	5.89E-06	2.96E-08	5.92E-09	5.92E-16	2.96E-09	7.08E-11	5.22E-11	1.45E-10	4.78E-10	2.83E-09	4.52E-11	1.02E-09	5.18E-08	4.80E-09	6.18E-08
400	SG_400	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.900	2.70E-07	5.17E-07	Not Modelled	9.07E-09	2.50E-10	5.01E-06	2.70E-08	5.40E-09	5.40E-16	2.70E-09	6.46E-11	4.76E-11	1.32E-10	4.36E-10	2.58E-09	4.12E-11	9.30E-10	4.72E-08	4.38E-09	5.63E-08
401	SG_401	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.900	2.41E-07	4.62E-07	Not Modelled	7.99E-09	2.23E-10	4.45E-06	2.41E-08	4.82E-09	4.82E-16	2.41E-09	5.77E-11	4.25E-11	1.18E-10	3.89E-10	2.30E-09	3.68E-11	8.31E-10	4.22E-08	3.91E-09	5.03E-08
402	SG_402	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.900	2.07E-07	3.96E-07	Not Modelled	6.98E-09	1.92E-10	3.93E-06	2.07E-08	4.14E-09	4.14E-16	2.07E-09	4.96E-11	3.65E-11	1.02E-10	3.34E-10	1.98E-09	3.16E-11	7.14E-10	3.63E-08	3.36E-09	4.32E-08
403	SG_403	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.900	1.78E-07	3.40E-07	Not Modelled	6.13E-09	1.64E-10	3.49E-06	1.78E-08	3.55E-09	3.55E-16	1.78E-09	4.25E-11	3.13E-11	8.71E-11	2.87E-10	1.70E-09	2.71E-11	6.12E-10	3.11E-08	2.88E-09	3.71E-08
404	SG_404	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6367.100	5.48E-08	8.72E-08	Not Modelled	2.03E-09	4.57E-11	1.57E-06	4.94E-09	9.87E-10	9.87E-17	4.94E-10	1.18E-11	8.70E-12	2.42E-11	7.97E-11	4.71E-10	7.54E-12	1.70E-10	8.64E-09	8.01E-10	1.03E-08
405	SG_405	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6367.100	6.23E-08	9.30E-08	Not Modelled	2.40E-09	4.97E-11	1.83E-06	5.37E-09	1.07E-09	1.07E-16	5.38E-10	1.29E-11	9.47E-12	2.64E-11	8.68E-11	5.13E-10	8.20E-12	1.85E-10	9.41E-09	8.72E-10	1.12E-08
406	SG_406	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.100	7.14E-08	9.65E-08	Not Modelled	2.64E-09	5.35E-11	2.06E-06	5.78E-09	1.16E-09	1.16E-16	5.79E-10	1.38E-11	1.02E-11	2.84E-11	9.34E-11	5.52E-10	8.83E-12	1.99E-10	1.01E-08	9.38E-10	1.21E-08
407	SG_407	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6367.100	8.24E-08	9.82E-08	Not Modelled	2.73E-09	5.73E-11	2.26E-06	6.19E-09	1.24E-09	1.24E-16	6.20E-10	1.48E-11	1.09E-11	3.04E-11	1.00E-10	5.91E-10	9.46E-12	2.13E-10	1.08E-08	1.00E-09	1.29E-08
408	SG_408	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.100	9.41E-08	1.03E-07	Not Modelled	2.93E-09	6.25E-11	2.48E-06	6.75E-09	1.35E-09	1.35E-16	6.75E-10	1.62E-11	1.19E-11	3.31E-11	1.09E-10	6.45E-10	1.03E-11	2.33E-10	1.18E-08	1.10E-09	1.41E-08
409	SG_409	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.100	1.05E-07	1.20E-07	Not Modelled	3.52E-09	7.16E-11	2.89E-06	7.74E-09	1.55E-09	1.55E-16	7.74E-10	1.85E-11	1.36E-11	3.80E-11	1.25E-10	7.39E-10	1.18E-11	2.67E-10	1.36E-08	1.26E-09	1.62E-08
410	SG_410	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6367.100	1.15E-07	1.55E-07	Not Modelled	4.43E-09	8.64E-11	3.48E-06	9.33E-09	1.87E-09	1.87E-16	9.34E-10	2.23E-11	1.65E-11	4.58E-11	1.51E-10	8.91E-10	1.42E-11	3.22E-10	1.63E-08	1.51E-09	1.95E-08
411	SG_411	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6367.100	1.29E-07	2.06E-07	Not Modelled	5.35E-09	1.08E-10	4.21E-06	1.16E-08	2.33E-09	2.33E-16	1.16E-09	2.78E-11	2.05E-11	5.71E-11	1.88E-10	1.11E-09	1.78E-11	4.01E-10	2.04E-08	1.89E-09	2.43E-08
412	SG_412	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6367.100	1.51E-07	2.63E-07	Not Modelled	6.19E-09	1.34E-10	4.98E-06	1.45E-08	2.90E-09	2.90E-16	1.45E-09	3.46E-11	2.55E-11	7.10E-11	2.34E-10	1.38E-09	2.21E-11	4.99E-10	2.53E-08	2.35E-09	3.02E-08
413	SG_413	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6367.100	1.87E-07	3.39E-07	Not Modelled	7.85E-09	1.70E-10	6.30E-06	1.84E-08	3.68E-09	3.68E-16	1.84E-09	4.40E-11	3.24E-11	9.02E-11	2.97E-10	1.76E-09	2.81E-11	6.34E-10	3.22E-08	2.98E-09	3.84E-08
414	SG_414	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6367.100	2.42E-07	4.47E-07	Not Modelled	1.08E-08	2.22E-10	8.51E-06	2.40E-08	4.80E-09	4.80E-16	2.40E-09	5.74E-11	4.23E-11	1.18E-10	3.87E-10	2.29E-09	3.66E-11	8.27E-10	4.20E-08	3.89E-09	5.01E-08
415	SG_415	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.100	3.18E-07	5.97E-07	Not Modelled	1.50E-08	2.93E-10	1.21E-05	3.17E-08	6.34E-09	6.34E-16	3.17E-09	7.58E-11	5.59E-11	1.55E-10	5.12E-10	3.03E-09	4.84E-11	1.09E-09	5.55E-08	5.14E-09	6.62E-08
416	SG_416	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.100	3.81E-07	7.18E-07	Not Modelled	1.78E-08	3.52E-10	1.61E-05	3.80E-08	7.60E-09	7.60E-16	3.80E-09	9.10E-11	6.70E-11	1.86E-10	6.14E-10	3.63E-09	5.81E-11	1.31E-09	6.66E-08	6.17E-09	7.94E-08
417	SG_417	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.100	3.40E-07	6.33E-07	Not Modelled	1.52E-08	3.13E-10	1.47E-05	3.39E-08	6.77E-09	6.77E-16	3.39E-09	8.10E-11	5.97E-11	1.66E-10	5.47E-10	3.23E-09	5.17E-11	1.17E-09	5.93E-08	5.50E-09	7.07E-08
418	SG_418	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6367.100	2.90E-07	5.36E-07	Not Modelled	1.18E-08	2.68E-10	1.15E-05	2.90E-08	5.79E-09	5.79E-16	2.90E-09	6.93E-11	5.11E-11	1.42E-10	4.68E-10	2.77E-09	4.42E-11	9.98E-10	5.07E-08	4.70E-09	6.05E-08
419	SG_419	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6367.100	4.43E-07	8.27E-07	Not Modelled	1.50E-08	4.10E-10	1.64E-05	4.43E-08	8.85E-09	8.85E-16	4.43E-09	1.06E-10	7.80E-11	2.17E-10	7.15E-10	4.23E-09	6.76E-11	1.53E-09	7.75E-08	7.18E-09	9.24E-08
420	SG_420	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6367.100	7.93E-07	1.50E-06	Not Modelled	3.36E-08	7.33E-10	2.63E-05	7.92E-08	1.58E-08	1.58E-15	7.92E-09	1.90E-10	1.40E-10	3.89E-10	1.28E-09	7.57E-09	1.21E-10	2.73E-09	1.39E-07	1.29E-08	1.65E-07
424	SG_424	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6367.100	5.68E-07	1.11E-06	Not Modelled	6.46E-08	5.25E-10	2.10E-05	5.68E-08	1.14E-08	1.14E-15	5.68E-09	1.36E-10	1.00E-10	2.79E-10	9.17E-10	5.42E-09	8.67E-11	1.96E-09	9.94E-08	9.21E-09	1.19E-07
425	SG_425	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.100	4.86E-07	9.39E-07	Not Modelled	4.83E-08	4.49E-10	1.59E-05	4.85E-08	9.70E-09	9.70E-16	4.85E-09	1.16E-10	8.55E-11	2.38E-10	7.84E-10	4.63E-09	7.41E-11	1.67E-09	8.50E-08	7.87E-09	1.01E-07
426	SG_426	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.100	4.64E-07	8.95E-07	Not Modelled	3.53E-08	4.29E-10	1.24E-05	4.64E-08	9.28E-09	9.28E-16	4.64E-09	1.11E-10	8.18E-11	2.28E-10	7.49E-10	4.43E-09	7.09E-11	1.60E-09	8.13E-08	7.53E-09	9.69E-08
427	SG_427	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.100	4.45E-07	8.56E-07	Not Modelled	2.53E-08	4.11E-10	9.98E-06	4.44E-08	8.89E-09	8.89E-16	4.45E-09	1.06E-10	7.83E-11	2.18E-10	7.18E-10	4.24E-09	6.79E-11	1.53E-09	7.78E-08	7.21E-09	9.28E-08
428	SG_428	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.100	3.94E-07	7.56E-07	Not Modelled	1.77E-08	3.65E-10	7.97E-06	3.94E-08	7.88E-09	7.88E-16	3.94E-09	9.43E-11	6.94E-11	1.93E-10	6.36E-10	3.76E-09	6.02E-11	1.36E-09	6.90E-08	6.39E-09	8.22E-08
429	SG_429	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.100	3.41E-07	6.52E-07	Not Modelled	1.27E-08	3.16E-10	6.34E-06	3.41E-08	6.82E-09	6.82E-16	3.41E-09	8.16E-11	6.01E-11	1.67E-10	5.51E-10	3.26E-09	5.21E-11	1.18E-09	5.97E-08	5.53E-09	7.12E-08

AQIA DATA - SCENARIO 2 GRID MAX

Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**3.08E-06**	**5.69E-06**	**0.00E+00**	**3.69E-07**	**2.85E-09**	**1.88E-04**	**3.08E-07**	**6.16E-08**	**6.16E-15**	**3.08E-08**	**7.37E-10**	**5.43E-10**	**1.51E-09**	**4.98E-09**	**2.94E-08**	**4.71E-10**	**1.06E-08**	**5.40E-07**	**5.00E-08**	**6.43E-07**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
430	SG_430	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.100	3.13E-07	5.99E-07	Not Modelled	1.01E-08	2.90E-10	5.28E-06	3.13E-08	6.26E-09	6.26E-16	3.13E-09	7.49E-11	5.52E-11	1.54E-10	5.06E-10	2.99E-09	4.78E-11	1.08E-09	5.48E-08	5.08E-09	6.53E-08
431	SG_431	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.100	2.85E-07	5.45E-07	Not Modelled	8.60E-09	2.64E-10	4.50E-06	2.85E-08	5.70E-09	5.70E-16	2.85E-09	6.82E-11	5.02E-11	1.40E-10	4.60E-10	2.72E-09	4.35E-11	9.82E-10	4.99E-08	4.62E-09	5.95E-08
432	SG_432	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.100	2.50E-07	4.79E-07	Not Modelled	7.45E-09	2.31E-10	3.98E-06	2.50E-08	5.00E-09	5.00E-16	2.50E-09	5.98E-11	4.41E-11	1.23E-10	4.04E-10	2.39E-09	3.82E-11	8.62E-10	4.38E-08	4.06E-09	5.22E-08
433	SG_433	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6367.100	2.10E-07	4.00E-07	Not Modelled	6.39E-09	1.94E-10	3.51E-06	2.09E-08	4.19E-09	4.19E-16	2.10E-09	5.01E-11	3.69E-11	1.03E-10	3.38E-10	2.00E-09	3.20E-11	7.22E-10	3.67E-08	3.40E-09	4.37E-08
434	SG_434	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.100	1.72E-07	3.28E-07	Not Modelled	5.44E-09	1.59E-10	3.06E-06	1.72E-08	3.44E-09	3.44E-16	1.72E-09	4.11E-11	3.03E-11	8.43E-11	2.78E-10	1.64E-09	2.62E-11	5.93E-10	3.01E-08	2.79E-09	3.59E-08
435	SG_435	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6367.300	5.93E-08	8.94E-08	Not Modelled	2.04E-09	4.79E-11	1.66E-06	5.17E-09	1.03E-09	1.03E-16	5.18E-10	1.24E-11	9.12E-12	2.54E-11	8.36E-11	4.94E-10	7.90E-12	1.78E-10	9.06E-09	8.39E-10	1.08E-08
436	SG_436	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6367.300	6.63E-08	9.32E-08	Not Modelled	2.28E-09	5.13E-11	1.83E-06	5.54E-09	1.11E-09	1.11E-16	5.54E-10	1.33E-11	9.77E-12	2.72E-11	8.95E-11	5.29E-10	8.46E-12	1.91E-10	9.70E-09	8.99E-10	1.16E-08
437	SG_437	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.300	7.41E-08	9.82E-08	Not Modelled	2.45E-09	5.53E-11	2.01E-06	5.98E-09	1.20E-09	1.20E-16	5.98E-10	1.43E-11	1.05E-11	2.93E-11	9.66E-11	5.71E-10	9.13E-12	2.06E-10	1.05E-08	9.70E-10	1.25E-08
438	SG_438	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6367.300	8.46E-08	1.10E-07	Not Modelled	2.72E-09	6.23E-11	2.35E-06	6.74E-09	1.35E-09	1.35E-16	6.74E-10	1.61E-11	1.19E-11	3.30E-11	1.09E-10	6.43E-10	1.03E-11	2.32E-10	1.18E-08	1.09E-09	1.41E-08
439	SG_439	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.300	9.47E-08	1.28E-07	Not Modelled	3.23E-09	7.16E-11	2.79E-06	7.74E-09	1.55E-09	1.55E-16	7.74E-10	1.85E-11	1.36E-11	3.80E-11	1.25E-10	7.39E-10	1.18E-11	2.67E-10	1.36E-08	1.26E-09	1.62E-08
440	SG_440	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.300	1.01E-07	1.48E-07	Not Modelled	3.95E-09	8.04E-11	3.04E-06	8.69E-09	1.74E-09	1.74E-16	8.69E-10	2.08E-11	1.53E-11	4.26E-11	1.40E-10	8.29E-10	1.33E-11	2.99E-10	1.52E-08	1.41E-09	1.81E-08
441	SG_441	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6367.300	1.12E-07	1.80E-07	Not Modelled	5.10E-09	9.46E-11	3.65E-06	1.02E-08	2.04E-09	2.04E-16	1.02E-09	2.45E-11	1.80E-11	5.01E-11	1.65E-10	9.76E-10	1.56E-11	3.52E-10	1.79E-08	1.66E-09	2.13E-08
442	SG_442	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6367.300	1.29E-07	2.22E-07	Not Modelled	6.30E-09	1.14E-10	4.44E-06	1.23E-08	2.46E-09	2.46E-16	1.23E-09	2.94E-11	2.17E-11	6.03E-11	1.99E-10	1.17E-09	1.88E-11	4.24E-10	2.15E-08	1.99E-09	2.57E-08
443	SG_443	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6367.300	1.52E-07	2.72E-07	Not Modelled	7.70E-09	1.38E-10	5.37E-06	1.49E-08	2.98E-09	2.98E-16	1.49E-09	3.56E-11	2.62E-11	7.30E-11	2.40E-10	1.42E-09	2.27E-11	5.13E-10	2.61E-08	2.42E-09	3.11E-08
444	SG_444	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6367.300	1.87E-07	3.41E-07	Not Modelled	1.05E-08	1.72E-10	6.97E-06	1.86E-08	3.71E-09	3.71E-16	1.86E-09	4.44E-11	3.27E-11	9.10E-11	3.00E-10	1.77E-09	2.83E-11	6.40E-10	3.25E-08	3.01E-09	3.87E-08
445	SG_445	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6367.300	2.45E-07	4.53E-07	Not Modelled	1.58E-08	2.26E-10	9.84E-06	2.44E-08	4.88E-09	4.88E-16	2.44E-09	5.84E-11	4.31E-11	1.20E-10	3.94E-10	2.33E-09	3.73E-11	8.42E-10	4.28E-08	3.96E-09	5.10E-08
446	SG_446	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.300	3.45E-07	6.44E-07	Not Modelled	2.37E-08	3.19E-10	1.42E-05	3.45E-08	6.89E-09	6.89E-16	3.45E-09	8.24E-11	6.08E-11	1.69E-10	5.57E-10	3.29E-09	5.26E-11	1.19E-09	6.03E-08	5.59E-09	7.19E-08
447	SG_447	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.300	5.56E-07	1.05E-06	Not Modelled	3.52E-08	5.14E-10	2.31E-05	5.55E-08	1.11E-08	1.11E-15	5.55E-09	1.33E-10	9.78E-11	2.72E-10	8.96E-10	5.30E-09	8.47E-11	1.91E-09	9.72E-08	9.01E-09	1.16E-07
448	SG_448	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.300	8.06E-07	1.53E-06	Not Modelled	5.10E-08	7.46E-10	3.64E-05	8.06E-08	1.61E-08	1.61E-15	8.07E-09	1.93E-10	1.42E-10	3.95E-10	1.30E-09	7.70E-09	1.23E-10	2.78E-09	1.41E-07	1.31E-08	1.68E-07
450	SG_450	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6367.300	1.21E-06	2.28E-06	Not Modelled	7.80E-08	1.12E-09	4.95E-05	1.21E-07	2.42E-08	2.42E-15	1.21E-08	2.89E-10	2.13E-10	5.93E-10	1.95E-09	1.15E-08	1.85E-10	4.17E-09	2.12E-07	1.96E-08	2.52E-07
456	SG_456	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.300	5.02E-07	9.67E-07	Not Modelled	3.83E-08	4.65E-10	1.38E-05	5.02E-08	1.00E-08	1.00E-15	5.02E-09	1.20E-10	8.85E-11	2.46E-10	8.11E-10	4.80E-09	7.67E-11	1.73E-09	8.79E-08	8.15E-09	1.05E-07
457	SG_457	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.300	5.11E-07	9.81E-07	Not Modelled	2.80E-08	4.72E-10	1.06E-05	5.10E-08	1.02E-08	1.02E-15	5.11E-09	1.22E-10	9.00E-11	2.50E-10	8.24E-10	4.87E-09	7.79E-11	1.76E-09	8.94E-08	8.28E-09	1.07E-07
458	SG_458	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.300	4.95E-07	9.52E-07	Not Modelled	2.09E-08	4.58E-10	8.48E-06	4.95E-08	9.90E-09	9.90E-16	4.95E-09	1.18E-10	8.73E-11	2.43E-10	7.99E-10	4.73E-09	7.56E-11	1.71E-09	8.67E-08	8.03E-09	1.03E-07
459	SG_459	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.300	4.46E-07	8.56E-07	Not Modelled	1.56E-08	4.13E-10	7.03E-06	4.46E-08	8.92E-09	8.92E-16	4.46E-09	1.07E-10	7.86E-11	2.19E-10	7.20E-10	4.26E-09	6.81E-11	1.54E-09	7.81E-08	7.23E-09	9.31E-08
460	SG_460	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.300	3.93E-07	7.54E-07	Not Modelled	1.20E-08	3.64E-10	5.95E-06	3.93E-08	7.86E-09	7.86E-16	3.93E-09	9.41E-11	6.93E-11	1.93E-10	6.35E-10	3.75E-09	6.00E-11	1.36E-09	6.88E-08	6.38E-09	8.21E-08
461	SG_461	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.300	3.37E-07	6.45E-07	Not Modelled	9.44E-09	3.12E-10	4.74E-06	3.37E-08	6.74E-09	6.74E-16	3.37E-09	8.06E-11	5.94E-11	1.65E-10	5.44E-10	3.22E-09	5.15E-11	1.16E-09	5.90E-08	5.47E-09	7.03E-08
462	SG_462	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.300	3.03E-07	5.81E-07	Not Modelled	8.07E-09	2.81E-10	4.07E-06	3.03E-08	6.07E-09	6.07E-16	3.03E-09	7.26E-11	5.35E-11	1.49E-10	4.90E-10	2.90E-09	4.63E-11	1.05E-09	5.31E-08	4.92E-09	6.33E-08
463	SG_463	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.300	2.62E-07	5.01E-07	Not Modelled	6.91E-09	2.42E-10	3.53E-06	2.62E-08	5.23E-09	5.23E-16	2.62E-09	6.26E-11	4.61E-11	1.28E-10	4.23E-10	2.50E-09	4.00E-11	9.02E-10	4.58E-08	4.25E-09	5.46E-08
464	SG_464	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6367.300	2.12E-07	4.05E-07	Not Modelled	5.74E-09	1.96E-10	3.00E-06	2.12E-08	4.24E-09	4.24E-16	2.12E-09	5.08E-11	3.74E-11	1.04E-10	3.43E-10	2.03E-09	3.24E-11	7.32E-10	3.72E-08	3.44E-09	4.43E-08
465	SG_465	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.300	1.71E-07	3.26E-07	Not Modelled	4.81E-09	1.58E-10	2.60E-06	1.71E-08	3.42E-09	3.42E-16	1.71E-09	4.10E-11	3.02E-11	8.40E-11	2.77E-10	1.64E-09	2.62E-11	5.90E-10	3.00E-08	2.78E-09	3.57E-08
466	SG_466	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6367.500	6.12E-08	8.74E-08	Not Modelled	1.90E-09	4.80E-11	1.63E-06	5.19E-09	1.04E-09	1.04E-16	5.19E-10	1.24E-11	9.15E-12	2.55E-11	8.38E-11	4.96E-10	7.93E-12	1.79E-10	9.09E-09	8.42E-10	1.08E-08
467	SG_467	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6367.500	6.71E-08	9.18E-08	Not Modelled	2.06E-09	5.15E-11	1.74E-06	5.56E-09	1.11E-09	1.11E-16	5.56E-10	1.33E-11	9.81E-12	2.73E-11	8.98E-11	5.31E-10	8.49E-12	1.92E-10	9.74E-09	9.02E-10	1.16E-08
468	SG_468	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6367.500	7.61E-08	1.05E-07	Not Modelled	2.33E-09	5.85E-11	2.06E-06	6.33E-09	1.26E-09	1.26E-16	6.33E-10	1.51E-11	1.11E-11	3.10E-11	1.02E-10	6.04E-10	9.66E-12	2.18E-10	1.11E-08	1.03E-09	1.32E-08
469	SG_469	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6367.500	8.54E-08	1.23E-07	Not Modelled	2.70E-09	6.77E-11	2.45E-06	7.32E-09	1.46E-09	1.46E-16	7.32E-10	1.75E-11	1.29E-11	3.59E-11	1.18E-10	6.99E-10	1.12E-11	2.52E-10	1.28E-08	1.19E-09	1.53E-08
470	SG_470	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.500	9.17E-08	1.41E-07	Not Modelled	3.14E-09	7.58E-11	2.62E-06	8.19E-09	1.64E-09	1.64E-16	8.20E-10	1.96E-11	1.44E-11	4.02E-11	1.32E-10	7.82E-10	1.25E-11	2.82E-10	1.43E-08	1.33E-09	1.71E-08
471	SG_471	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.500	1.00E-07	1.63E-07	Not Modelled	3.93E-09	8.62E-11	3.00E-06	9.32E-09	1.86E-09	1.86E-16	9.32E-10	2.23E-11	1.64E-11	4.57E-11	1.50E-10	8.90E-10	1.42E-11	3.21E-10	1.63E-08	1.51E-09	1.94E-08
472	SG_472	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6367.500	1.11E-07	1.89E-07	Not Modelled	5.03E-09	9.81E-11	3.49E-06	1.06E-08	2.12E-09	2.12E-16	1.06E-09	2.54E-11	1.87E-11	5.20E-11	1.71E-10	1.01E-09	1.62E-11	3.66E-10	1.86E-08	1.72E-09	2.21E-08
473	SG_473	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6367.500	1.29E-07	2.27E-07	Not Modelled	6.59E-09	1.16E-10	4.38E-06	1.26E-08	2.51E-09	2.51E-16	1.26E-09	3.00E-11	2.21E-11	6.16E-11	2.03E-10	1.20E-09	1.92E-11	4.33E-10	2.20E-08	2.04E-09	2.62E-08
474	SG_474	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6367.500	1.55E-07	2.80E-07	Not Modelled	8.91E-09	1.42E-10	5.75E-06	1.53E-08	3.06E-09	3.06E-16	1.53E-09	3.67E-11	2.70E-11	7.52E-11	2.47E-10	1.46E-09	2.34E-11	5.28E-10	2.68E-08	2.49E-09	3.20E-08
475	SG_475	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6367.500	1.94E-07	3.57E-07	Not Modelled	1.30E-08	1.79E-10	7.94E-06	1.93E-08	3.87E-09	3.87E-16	1.93E-09	4.63E-11	3.41E-11	9.48E-11	3.12E-10	1.85E-09	2.95E-11	6.67E-10	3.39E-08	3.14E-09	4.04E-08
476	SG_476	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6367.500	2.57E-07	4.76E-07	Not Modelled	2.00E-08	2.37E-10	1.15E-05	2.56E-08	5.12E-09	5.12E-16	2.56E-09	6.13E-11	4.52E-11	1.26E-10	4.14E-10	2.45E-09	3.91E-11	8.83E-10	4.49E-08	4.16E-09	5.35E-08
477	SG_477	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.500	3.67E-07	6.79E-07	Not Modelled	3.01E-08	3.39E-10	1.67E-05	3.67E-08	7.34E-09	7.34E-16	3.67E-09	8.78E-11	6.47E-11	1.80E-10	5.92E-10	3.50E-09	5.60E-11	1.26E-09	6.42E-08	5.95E-09	7.66E-08
478	SG_478	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.500	6.27E-07	1.15E-06	Not Modelled	5.01E-08	5.80E-10	2.83E-05	6.27E-08	1.25E-08	1.25E-15	6.27E-09	1.50E-10	1.10E-10	3.07E-10	1.01E-09	5.98E-09	9.57E-11	2.16E-09	1.10E-07	1.02E-08	1.31E-07
479	SG_479	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.500	1.30E-06	2.41E-06	Not Modelled	1.24E-07	1.21E-09	6.56E-05	1.30E-07	2.61E-08	2.61E-15	1.31E-08	3.12E-10	2.30E-10	6.40E-10	2.11E-09	1.25E-08	1.99E-10	4.50E-09	2.28E-07	2.12E-08	2.72E-07
487	SG_487	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.500	5.08E-07	9.72E-07	Not Modelled	2.42E-08	4.70E-10	1.03E-05	5.08E-08	1.02E-08	1.02E-15	5.08E-09	1.22E-10	8.96E-11	2.49E-10	8.21E-10	4.85E-09	7.76E-11	1.75E-09	8.90E-08	8.24E-09	1.06E-07
488	SG_488	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.500	5.17E-07	9.89E-07	Not Modelled	1.87E-08	4.78E-10	7.99E-06	5.17E-08	1.03E-08	1.03E-15	5.17E-09	1.24E-10	9.11E-11	2.54E-10	8.35E-10	4.94E-09	7.89E-11	1.78E-09	9.05E-08	8.39E-09	1.08E-07
489	SG_489	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.500	4.94E-07	9.44E-07	Not Modelled	1.50E-08	4.57E-10	6.66E-06	4.94E-08	9.87E-09	9.87E-16	4.94E-09	1.18E-10	8.70E-11	2.42E-10	7.97E-10	4.71E-09	7.54E-11	1.70E-09	8.64E-08	8.01E-09	1.03E-07
490	SG_490	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.500	4.71E-07	9.04E-07	Not Modelled	1.27E-08	4.36E-10	6.12E-06	4.71E-08	9.42E-09	9.42E-16	4.71E-09	1.13E-10	8.31E-11	2.31E-10	7.61E-10	4.50E-09	7.19E-11	1.62E-09	8.25E-08	7.64E-09	9.83E-08
491	SG_491	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.500	4.03E-07	7.72E-07	Not Modelled	1.02E-08	3.73E-10	5.06E-06	4.03E-08	8.06E-09	8.06E-16	4.03E-09	9.64E-11	7.11E-11	1.98E-10	6.51E-10	3.85E-09	6.16E-11	1.39E-09	7.06E-08	6.54E-09	8.41E-08
492	SG_492	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.500	3.33E-07	6.34E-07	Not Modelled	8.11E-09	3.08E-10	3.94E-06	3.32E-08	6.65E-09	6.65E-16	3.32E-09	7.95E-11	5.86E-11	1.63E-10	5.37E-10	3.17E-09	5.08E-11	1.15E-09	5.82E-08	5.39E-09	6.94E-08
493	SG_493	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.500	2.97E-07	5.67E-07	Not Modelled	7.06E-09	2.74E-10	3.42E-06	2.97E-08	5.93E-09	5.93E-16	2.97E-09	7.10E-11	5.23E-11	1.45E-10	4.79E-10	2.83E-09	4.53E-11	1.02E-09	5.19E-08	4.81E-09	6.19E-08
494	SG_494	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.500	2.58E-07	4.92E-07	Not Modelled	6.11E-09	2.38E-10	2.97E-06	2.57E-08	5.15E-09	5.15E-16	2.58E-09	6.16E-11	4.54E-11	1.26E-10	4.16E-10	2.46E-09	3.93E-11	8.87E-10	4.51E-08	4.18E-09	5.37E-08
495	SG_495	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6367.500	2.14E-07	4.08E-07	Not Modelled	5.16E-09	1.98E-10	2.54E-06	2.14E-08	4.28E-09	4.28E-16	2.14E-09	5.12E-11	3.77E-11	1.05E-10	3.45E-10	2.04E-09	3.27E-11	7.37E-10	3.74E-08	3.47E-09	4.46E-08
496	SG_496	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.500	1.78E-07	3.38E-07	Not Modelled	4.40E-09	1.64E-10	2.24E-06	1.78E-08	3.55E-09	3.55E-16	1.78E-09	4.25E-11	3.13E-11	8.71E-11	2.87E-10	1.70E-09	2.71E-11	6.12E-10	3.11E-08	2.88E-09	3.71E-08
497	SG_497	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6367.700	6.10E-08	8.58E-08	Not Modelled	1.74E-09	4.78E-11	1.54E-06	5.16E-09	1.03E-09	1.03E-16	5.16E-10	1.24E-11	9.10E-12	2.53E-11	8.34E-11	4.93E-10	7.88E-12	1.78E-10	9.04E-09	8.38E-10	1.08E-08
498	SG_498	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6367.700	6.85E-08	9.60E-08	Not Modelled	1.96E-09	5.37E-11	1.77E-06	5.80E-09	1.16E-09	1.16E-16	5.80E-10	1.39E-11	1.02E-11	2.84E-11	9.37E-11	5.54E-10	8.86E-12	2.00E-10	1.02E-08	9.41E-10	1.21E-08
499	SG_499	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.700	7.62E-08	1.12E-07	Not Modelled	2.22E-09	6.15E-11	2.02E-06	6.65E-09	1.33E-09	1.33E-16	6.65E-10	1.59E-11	1.17E-11	3.26E-11	1.07E-10	6.35E-10	1.02E-11	2.29E-10	1.16E-08	1.08E-09	1.39E-08
500	SG_500	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6367.700	8.44E-08	1.31E-07	Not Modelled	2.56E-09	7.09E-11	2.26E-06	7.67E-09	1.53E-09	1.53E-16	7.67E-10	1.83E-11	1.35E-11	3.76E-11	1.24E-10	7.32E-10	1.17E-11	2.64E-10	1.34E-08	1.24E-09	1.60E-08
501	SG_501	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.700	9.30E-08	1.51E-07	Not Modelled	3.03E-09	8.08E-11	2.50E-06	8.73E-09	1.75E-09	1.75E-16	8.73E-10	2.09E-11	1.54E-11	4.28E-11	1.41E-10	8.33E-10	1.33E-11	3.01E-10	1.53E-08	1.42E-09	1.82E-08
502	SG_502	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.700	1.04E-07	1.76E-07	Not Modelled	3.83E-09	9.28E-11	2.96E-06	1.00E-08	2.00E-09	2.00E-16	1.00E-09	2.40E-11	1.77E-11	4.92E-11	1.62E-10	9.57E-10	1.53E-11	3.46E-10	1.75E-08	1.63E-09	2.09E-08
503	SG_503	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6367.700	1.17E-07	2.02E-07	Not Modelled	5.02E-09	1.05E-10	3.55E-06	1.14E-08	2.28E-09	2.28E-16	1.14E-09	2.72E-11	2.01E-11	5.58E-11	1.84E-10	1.09E-09	1.74E-11	3.92E-10	1.99E-08	1.85E-09	2.37E-08
504	SG_504	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6367.700	1.37E-07	2.43E-07	Not Modelled	7.04E-09	1.25E-10	4.78E-06	1.35E-08	2.69E-09	2.69E-16	1.35E-09	3.22E-11	2.38E-11	6.61E-11	2.18E-10	1.29E-09	2.06E-11	4.65E-10	2.36E-08	2.19E-09	2.81E-08
505	SG_505	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6367.700	1.60E-07	2.90E-07	Not Modelled	9.77E-09	1.47E-10	6.17E-06	1.59E-08	3.18E-09	3.18E-16	1.59E-09	3.81E-11	2.81E-11	7.80E-11	2.57E-10	1.52E-09	2.43E-11	5.49E-10	2.79E-08	2.58E-09	3.32E-08
506	SG_506	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6367.700	1.96E-07	3.59E-07	Not Modelled	1.38E-08	1.81E-10	8.20E-06	1.95E-08	3.90E-09	3.90E-16	1.95E-09	4.67E-11	3.44E-11	9.57E-11	3.15E-10	1.86E-09	2.98E-11	6.73E-10	3.42E-08	3.17E-09	4.07E-08
507	SG_507	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6367.700	2.55E-07	4.70E-07	Not Modelled	2.00E-08	2.36E-10	1.13E-05	2.55E-08	5.10E-09	5.10E-16	2.55E-09	6.10E-11	4.49E-11	1.25E-10	4.12E-10	2.43E-09	3.89E-11	8.79E-10	4.46E-08	4.14E-09	5.32E-08
508	SG_508	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.700	3.69E-07	6.77E-07	Not Modelled	2.89E-08	3.42E-10	1.63E-05	3.69E-08	7.38E-09	7.38E-16	3.69E-09	8.83E-11	6.51E-11	1.81E-10	5.96E-10	3.52E-09	5.64E-11	1.27E-09	6.46E-08	5.99E-09	7.70E-08
509	SG_509	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.700	6.38E-07	1.16E-06	Not Modelled	4.55E-08	5.90E-10	2.80E-05	6.38E-08	1.28E-08	1.28E-15	6.38E-09	1.53E-10	1.12E-10	3.13E-10	1.03E-09	6.09E-09	9.73E-11	2.20E-09	1.12E-07	1.03E-08	1.33E-07
510	SG_510	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.700	1.24E-06	2.28E-06	Not Modelled	1.03E-07	1.15E-09	6.24E-05	1.24E-07	2.48E-08	2.48E-15	1.24E-08	2.97E-10	2.19E-10	6.08E-10	2.00E-09	1.18E-08	1.89E-10	4.27E-09	2.17E-07	2.01E-08	2.59E-07
511	SG_511	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6367.700	2.62E-06	4.89E-06	Not Modelled	3.68E-07	2.42E-09	1.64E-04	2.62E-07	5.23E-08	5.23E-15	2.62E-08	6.26E-10	4.61E-10	1.28E-09	4.22E-09	2.50E-08	3.99E-10	9.02E-09	4.58E-07	4.24E-08	5.46E-07
518	SG_518	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.700	4.85E-07	9.20E-07	Not Modelled	1.48E-08	4.48E-10	7.55E-06	4.85E-08	9.69E-09	9.69E-16	4.85E-09	1.16E-10	8.54E-11	2.38E-10	7.83E-10	4.63E-09	7.40E-11	1.67E-09	8.49E-08	7.86E-09	1.01E-07
519	SG_519	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.700	4.83E-07	9.16E-07	Not Modelled	1.23E-08	4.46E-10	6.01E-06	4.83E-08	9.65E-09	9.65E-16	4.83E-09	1.15E-10	8.51E-11	2.37E-10	7.79E-10	4.61E-09	7.37E-11	1.66E-09	8.45E-08	7.83E-09	1.01E-07
520	SG_520	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.700	4.49E-07	8.53E-07	Not Modelled	1.06E-08	4.16E-10	5.13E-06	4.49E-08	8.98E-09	8.98E-16	4.49E-09	1.07E-10	7.92E-11	2.20E-10	7.25E-10	4.29E-09	6.86E-11	1.55E-09	7.86E-08	7.29E-09	9.37E-08
521	SG_521	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.700	4.16E-07	7.91E-07	Not Modelled	9.39E-09	3.84E-10	4.65E-06	4.15E-08	8.31E-09	8.31E-16	4.16E-09	9.94E-11	7.32E-11	2.04E-10	6.71E-10	3.97E-09	6.34E-11	1.43E-09	7.27E-08	6.74E-09	8.67E-08
522	SG_522	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.700	3.75E-07	7.14E-07	Not Modelled	8.25E-09	3.47E-10	4.14E-06	3.75E-08	7.49E-09	7.49E-16	3.75E-09	8.96E-11	6.60E-11	1.84E-10	6.05E-10	3.58E-09	5.72E-11	1.29E-09	6.56E-08	6.08E-09	7.82E-08
523	SG_523	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.700	3.30E-07	6.30E-07	Not Modelled	7.18E-09	3.06E-10	3.57E-06	3.30E-08	6.61E-09	6.61E-16	3.30E-09	7.90E-11	5.82E-11	1.62E-10	5.33E-10	3.15E-09	5.04E-11	1.14E-09	5.78E-08	5.36E-09	6.90E-08
524	SG_524	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.700	2.84E-07	5.41E-07	Not Modelled	6.17E-09	2.62E-10	2.97E-06	2.84E-08	5.67E-09	5.67E-16	2.84E-09	6.78E-11	5.00E-11	1.39E-10	4.58E-10	2.71E-09	4.33E-11	9.77E-10	4.96E-08	4.60E-09	5.92E-08
525	SG_525	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.700	2.54E-07	4.85E-07	Not Modelled	5.54E-09	2.35E-10	2.66E-06	2.54E-08	5.07E-09	5.07E-16	2.54E-09	6.07E-11	4.47E-11	1.24E-10	4.10E-10	2.42E-09	3.87E-11	8.75E-10	4.44E-08	4.12E-09	5.29E-08
526	SG_526	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6367.700	2.16E-07	4.12E-07	Not Modelled	4.78E-09	2.00E-10	2.28E-06	2.16E-08	4.32E-09	4.32E-16	2.16E-09	5.16E-11	3.80E-11	1.06E-10	3.48E-10	2.06E-09	3.30E-11	7.44E-10	3.78E-08	3.50E-09	4.50E-08
527	SG_527	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.700	1.85E-07	3.52E-07	Not Modelled	4.18E-09	1.71E-10	2.02E-06	1.85E-08	3.69E-09	3.69E-16	1.85E-09	4.42E-11	3.26E-11	9.06E-11	2.98E-10	1.76E-09	2.82E-11	6.37E-10	3.23E-08	3.00E-09	3.86E-08
528	SG_528	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6367.900	6.26E-08	8.86E-08	Not Modelled	1.69E-09	4.95E-11	1.55E-06	5.35E-09	1.07E-09	1.07E-16	5.36E-10	1.28E-11	9.44E-12	2.63E-11	8.64E-11	5.11E-10	8.17E-12	1.85E-10	9.37E-09	8.68E-10	1.12E-08
529	SG_529	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6367.900	7.11E-08	1.04E-07	Not Modelled	1.94E-09	5.74E-11	1.83E-06	6.20E-09	1.24E-09	1.24E-16	6.20E-10	1.48E-11	1.09E-11	3.04E-11	1.00E-10	5.92E-10	9.47E-12	2.14E-10	1.09E-08	1.01E-09	1.29E-08
530	SG_530	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.900	7.91E-08	1.22E-07	Not Modelled	2.18E-09	6.64E-11	2.01E-06	7.17E-09	1.43E-09	1.43E-16	7.18E-10	1.72E-11	1.26E-11	3.52E-11	1.16E-10	6.85E-10	1.10E-11	2.47E-10	1.26E-08	1.16E-09	1.50E-08
531	SG_531	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6367.900	9.01E-08	1.45E-07	Not Modelled	2.55E-09	7.83E-11	2.27E-06	8.46E-09	1.69E-09	1.69E-16	8.46E-10	2.02E-11	1.49E-11	4.15E-11	1.37E-10	8.08E-10	1.29E-11	2.92E-10	1.48E-08	1.37E-09	1.77E-08
532	SG_532	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.900	1.04E-07	1.73E-07	Not Modelled	3.09E-09	9.24E-11	2.63E-06	9.98E-09	2.00E-09	2.00E-16	9.98E-10	2.39E-11	1.76E-11	4.89E-11	1.61E-10	9.53E-10	1.52E-11	3.44E-10	1.75E-08	1.62E-09	2.08E-08
533	SG_533	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.900	1.18E-07	2.00E-07	Not Modelled	3.84E-09	1.06E-10	3.01E-06	1.15E-08	2.30E-09	2.30E-16	1.15E-09	2.75E-11	2.02E-11	5.63E-11	1.85E-10	1.10E-09	1.75E-11	3.96E-10	2.01E-08	1.86E-09	2.40E-08

AQIA DATA - SCENARIO 2 GRID MAX

Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**3.08E-06**	**5.69E-06**	**0.00E+00**	**3.69E-07**	**2.85E-09**	**1.88E-04**	**3.08E-07**	**6.16E-08**	**6.16E-15**	**3.08E-08**	**7.37E-10**	**5.43E-10**	**1.51E-09**	**4.98E-09**	**2.94E-08**	**4.71E-10**	**1.06E-08**	**5.40E-07**	**5.00E-08**	**6.43E-07**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
534	SG_534	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6367.900	1.32E-07	2.28E-07	Not Modelled	5.04E-09	1.20E-10	3.58E-06	1.30E-08	2.59E-09	2.59E-16	1.30E-09	3.10E-11	2.29E-11	6.36E-11	2.09E-10	1.24E-09	1.98E-11	4.47E-10	2.27E-08	2.10E-09	2.71E-08
535	SG_535	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6367.900	1.50E-07	2.64E-07	Not Modelled	7.03E-09	1.37E-10	4.64E-06	1.48E-08	2.97E-09	2.97E-16	1.48E-09	3.55E-11	2.61E-11	7.28E-11	2.40E-10	1.42E-09	2.27E-11	5.11E-10	2.60E-08	2.41E-09	3.10E-08
536	SG_536	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6367.900	1.70E-07	3.04E-07	Not Modelled	9.56E-09	1.57E-10	5.84E-06	1.69E-08	3.39E-09	3.39E-16	1.70E-09	4.05E-11	2.99E-11	8.31E-11	2.74E-10	1.62E-09	2.59E-11	5.84E-10	2.97E-08	2.75E-09	3.54E-08
537	SG_537	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6367.900	2.04E-07	3.67E-07	Not Modelled	1.29E-08	1.88E-10	7.52E-06	2.03E-08	4.06E-09	4.06E-16	2.03E-09	4.86E-11	3.58E-11	9.96E-11	3.28E-10	1.94E-09	3.10E-11	7.00E-10	3.55E-08	3.29E-09	4.24E-08
538	SG_538	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6367.900	2.59E-07	4.67E-07	Not Modelled	1.74E-08	2.39E-10	9.80E-06	2.59E-08	5.17E-09	5.17E-16	2.59E-09	6.19E-11	4.56E-11	1.27E-10	4.18E-10	2.47E-09	3.95E-11	8.92E-10	4.53E-08	4.20E-09	5.40E-08
539	SG_539	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.900	3.71E-07	6.64E-07	Not Modelled	2.41E-08	3.43E-10	1.38E-05	3.71E-08	7.42E-09	7.42E-16	3.71E-09	8.88E-11	6.54E-11	1.82E-10	5.99E-10	3.54E-09	5.67E-11	1.28E-09	6.50E-08	6.02E-09	7.75E-08
540	SG_540	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.900	6.01E-07	1.07E-06	Not Modelled	3.41E-08	5.56E-10	2.20E-05	6.01E-08	1.20E-08	1.20E-15	6.02E-09	1.44E-10	1.06E-10	2.95E-10	9.71E-10	5.74E-09	9.18E-11	2.07E-09	1.05E-07	9.75E-09	1.25E-07
541	SG_541	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.900	9.97E-07	1.78E-06	Not Modelled	5.89E-08	9.22E-10	3.81E-05	9.97E-08	1.99E-08	1.99E-15	9.97E-09	2.38E-10	1.76E-10	4.89E-10	1.61E-09	9.52E-09	1.52E-10	3.44E-09	1.75E-07	1.62E-08	2.08E-07
542	SG_542	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6367.900	1.41E-06	2.59E-06	Not Modelled	1.45E-07	1.30E-09	6.47E-05	1.41E-07	2.81E-08	2.81E-15	1.41E-08	3.37E-10	2.48E-10	6.90E-10	2.27E-09	1.34E-08	2.15E-10	4.85E-09	2.46E-07	2.28E-08	2.94E-07
549	SG_549	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.900	4.71E-07	8.87E-07	Not Modelled	1.08E-08	4.36E-10	6.13E-06	4.71E-08	9.42E-09	9.42E-16	4.71E-09	1.13E-10	8.30E-11	2.31E-10	7.60E-10	4.50E-09	7.19E-11	1.62E-09	8.24E-08	7.64E-09	9.83E-08
550	SG_550	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.900	4.65E-07	8.79E-07	Not Modelled	9.76E-09	4.30E-10	5.31E-06	4.64E-08	9.29E-09	9.29E-16	4.65E-09	1.11E-10	8.19E-11	2.28E-10	7.50E-10	4.43E-09	7.09E-11	1.60E-09	8.13E-08	7.53E-09	9.69E-08
551	SG_551	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.900	4.21E-07	7.98E-07	Not Modelled	8.62E-09	3.90E-10	4.55E-06	4.21E-08	8.42E-09	8.42E-16	4.21E-09	1.01E-10	7.42E-11	2.07E-10	6.80E-10	4.02E-09	6.43E-11	1.45E-09	7.37E-08	6.83E-09	8.79E-08
552	SG_552	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.900	3.81E-07	7.23E-07	Not Modelled	7.77E-09	3.53E-10	4.05E-06	3.81E-08	7.62E-09	7.62E-16	3.81E-09	9.12E-11	6.72E-11	1.87E-10	6.15E-10	3.64E-09	5.82E-11	1.31E-09	6.67E-08	6.18E-09	7.95E-08
553	SG_553	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.900	3.35E-07	6.36E-07	Not Modelled	6.86E-09	3.10E-10	3.48E-06	3.35E-08	6.70E-09	6.70E-16	3.35E-09	8.02E-11	5.91E-11	1.64E-10	5.41E-10	3.20E-09	5.12E-11	1.16E-09	5.87E-08	5.44E-09	7.00E-08
554	SG_554	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.900	3.03E-07	5.77E-07	Not Modelled	6.22E-09	2.80E-10	3.11E-06	3.03E-08	6.06E-09	6.06E-16	3.03E-09	7.25E-11	5.34E-11	1.49E-10	4.89E-10	2.89E-09	4.63E-11	1.05E-09	5.31E-08	4.92E-09	6.33E-08
555	SG_555	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.900	2.74E-07	5.23E-07	Not Modelled	5.67E-09	2.54E-10	2.79E-06	2.74E-08	5.48E-09	5.48E-16	2.74E-09	6.56E-11	4.83E-11	1.34E-10	4.43E-10	2.62E-09	4.19E-11	9.45E-10	4.80E-08	4.45E-09	5.72E-08
556	SG_556	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.900	2.45E-07	4.68E-07	Not Modelled	5.12E-09	2.27E-10	2.47E-06	2.45E-08	4.90E-09	4.90E-16	2.45E-09	5.86E-11	4.32E-11	1.20E-10	3.96E-10	2.34E-09	3.74E-11	8.45E-10	4.29E-08	3.98E-09	5.12E-08
557	SG_557	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6367.900	2.07E-07	3.94E-07	Not Modelled	4.39E-09	1.91E-10	2.04E-06	2.07E-08	4.14E-09	4.14E-16	2.07E-09	4.95E-11	3.65E-11	1.01E-10	3.34E-10	1.98E-09	3.16E-11	7.13E-10	3.62E-08	3.36E-09	4.32E-08
558	SG_558	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6367.900	1.83E-07	3.49E-07	Not Modelled	3.95E-09	1.69E-10	1.83E-06	1.83E-08	3.66E-09	3.66E-16	1.83E-09	4.38E-11	3.22E-11	8.97E-11	2.95E-10	1.75E-09	2.79E-11	6.31E-10	3.20E-08	2.97E-09	3.82E-08
559	SG_559	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.100	6.67E-08	9.52E-08	Not Modelled	1.72E-09	5.33E-11	1.64E-06	5.76E-09	1.15E-09	1.15E-16	5.76E-10	1.38E-11	1.01E-11	2.82E-11	9.29E-11	5.50E-10	8.79E-12	1.98E-10	1.01E-08	9.34E-10	1.20E-08
560	SG_560	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.100	7.59E-08	1.13E-07	Not Modelled	1.97E-09	6.24E-11	1.90E-06	6.75E-09	1.35E-09	1.35E-16	6.75E-10	1.61E-11	1.19E-11	3.31E-11	1.09E-10	6.44E-10	1.03E-11	2.33E-10	1.18E-08	1.09E-09	1.41E-08
561	SG_561	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.100	8.45E-08	1.32E-07	Not Modelled	2.15E-09	7.23E-11	1.97E-06	7.81E-09	1.56E-09	1.56E-16	7.81E-10	1.87E-11	1.38E-11	3.83E-11	1.26E-10	7.46E-10	1.19E-11	2.69E-10	1.37E-08	1.27E-09	1.63E-08
562	SG_562	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.100	1.01E-07	1.65E-07	Not Modelled	2.58E-09	8.88E-11	2.31E-06	9.60E-09	1.92E-09	1.92E-16	9.60E-10	2.30E-11	1.69E-11	4.71E-11	1.55E-10	9.17E-10	1.47E-11	3.31E-10	1.68E-08	1.56E-09	2.00E-08
563	SG_563	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6368.100	1.22E-07	2.06E-07	Not Modelled	3.17E-09	1.10E-10	2.72E-06	1.19E-08	2.37E-09	2.37E-16	1.19E-09	2.84E-11	2.09E-11	5.82E-11	1.92E-10	1.13E-09	1.81E-11	4.09E-10	2.08E-08	1.92E-09	2.48E-08
564	SG_564	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.100	1.43E-07	2.44E-07	Not Modelled	3.90E-09	1.30E-10	3.05E-06	1.40E-08	2.80E-09	2.80E-16	1.40E-09	3.35E-11	2.47E-11	6.88E-11	2.26E-10	1.34E-09	2.14E-11	4.83E-10	2.45E-08	2.27E-09	2.93E-08
565	SG_565	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.100	1.62E-07	2.79E-07	Not Modelled	5.04E-09	1.48E-10	3.60E-06	1.60E-08	3.20E-09	3.20E-16	1.60E-09	3.83E-11	2.82E-11	7.85E-11	2.58E-10	1.53E-09	2.44E-11	5.51E-10	2.80E-08	2.60E-09	3.34E-08
566	SG_566	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6368.100	1.77E-07	3.08E-07	Not Modelled	6.72E-09	1.63E-10	4.39E-06	1.76E-08	3.52E-09	3.52E-16	1.76E-09	4.21E-11	3.10E-11	8.63E-11	2.84E-10	1.68E-09	2.69E-11	6.07E-10	3.08E-08	2.86E-09	3.67E-08
567	SG_567	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.100	1.95E-07	3.40E-07	Not Modelled	8.82E-09	1.79E-10	5.34E-06	1.94E-08	3.88E-09	3.88E-16	1.94E-09	4.64E-11	3.42E-11	9.51E-11	3.13E-10	1.85E-09	2.96E-11	6.68E-10	3.39E-08	3.14E-09	4.05E-08
568	SG_568	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.100	2.28E-07	3.98E-07	Not Modelled	1.15E-08	2.10E-10	6.68E-06	2.27E-08	4.54E-09	4.54E-16	2.27E-09	5.44E-11	4.01E-11	1.11E-10	3.67E-10	2.17E-09	3.47E-11	7.83E-10	3.98E-08	3.69E-09	4.74E-08
569	SG_569	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.100	2.93E-07	5.10E-07	Not Modelled	1.51E-08	2.70E-10	8.77E-06	2.92E-08	5.84E-09	5.84E-16	2.92E-09	6.99E-11	5.15E-11	1.43E-10	4.72E-10	2.79E-09	4.46E-11	1.01E-09	5.11E-08	4.74E-09	6.10E-08
570	SG_570	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.100	4.12E-07	7.07E-07	Not Modelled	1.92E-08	3.81E-10	1.10E-05	4.12E-08	8.23E-09	8.23E-16	4.12E-09	9.85E-11	7.26E-11	2.02E-10	6.65E-10	3.93E-09	6.28E-11	1.42E-09	7.21E-08	6.68E-09	8.59E-08
571	SG_571	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.100	7.22E-07	1.24E-06	Not Modelled	2.68E-08	6.68E-10	1.61E-05	7.21E-08	1.44E-08	1.44E-15	7.22E-09	1.73E-10	1.27E-10	3.54E-10	1.17E-09	6.89E-09	1.10E-10	2.49E-09	1.26E-07	1.17E-08	1.51E-07
572	SG_572	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.100	1.36E-06	2.40E-06	Not Modelled	4.71E-08	1.26E-09	2.78E-05	1.36E-07	2.72E-08	2.72E-15	1.36E-08	3.25E-10	2.40E-10	6.67E-10	2.20E-09	1.30E-08	2.08E-10	4.69E-09	2.38E-07	2.21E-08	2.84E-07
574	SG_574	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.100	1.05E-06	1.81E-06	Not Modelled	4.60E-08	9.71E-10	2.13E-05	1.05E-07	2.10E-08	2.10E-15	1.05E-08	2.51E-10	1.85E-10	5.15E-10	1.70E-09	1.00E-08	1.60E-10	3.62E-09	1.84E-07	1.70E-08	2.19E-07
576	SG_576	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.100	7.31E-07	1.32E-06	Not Modelled	2.06E-08	6.76E-10	1.28E-05	7.31E-08	1.46E-08	1.46E-15	7.31E-09	1.75E-10	1.29E-10	3.58E-10	1.18E-09	6.98E-09	1.12E-10	2.52E-09	1.28E-07	1.19E-08	1.53E-07
578	SG_578	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.100	4.85E-07	8.88E-07	Not Modelled	9.99E-09	4.48E-10	6.29E-06	4.85E-08	9.69E-09	9.69E-16	4.85E-09	1.16E-10	8.54E-11	2.38E-10	7.83E-10	4.63E-09	7.40E-11	1.67E-09	8.48E-08	7.86E-09	1.01E-07
579	SG_579	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.100	4.56E-07	8.44E-07	Not Modelled	9.05E-09	4.22E-10	5.54E-06	4.56E-08	9.12E-09	9.12E-16	4.56E-09	1.09E-10	8.03E-11	2.24E-10	7.36E-10	4.35E-09	6.96E-11	1.57E-09	7.98E-08	7.39E-09	9.51E-08
580	SG_580	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.100	4.44E-07	8.31E-07	Not Modelled	8.64E-09	4.11E-10	5.03E-06	4.44E-08	8.88E-09	8.88E-16	4.44E-09	1.06E-10	7.83E-11	2.18E-10	7.17E-10	4.24E-09	6.78E-11	1.53E-09	7.78E-08	7.21E-09	9.27E-08
581	SG_581	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.100	4.38E-07	8.25E-07	Not Modelled	8.38E-09	4.05E-10	4.81E-06	4.37E-08	8.75E-09	8.75E-16	4.38E-09	1.05E-10	7.71E-11	2.15E-10	7.06E-10	4.18E-09	6.68E-11	1.51E-09	7.66E-08	7.10E-09	9.13E-08
582	SG_582	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.100	3.80E-07	7.16E-07	Not Modelled	7.28E-09	3.51E-10	3.94E-06	3.80E-08	7.59E-09	7.59E-16	3.80E-09	9.08E-11	6.69E-11	1.86E-10	6.13E-10	3.62E-09	5.80E-11	1.31E-09	6.64E-08	6.16E-09	7.92E-08
583	SG_583	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.100	3.51E-07	6.64E-07	Not Modelled	6.80E-09	3.24E-10	3.62E-06	3.51E-08	7.01E-09	7.01E-16	3.51E-09	8.39E-11	6.18E-11	1.72E-10	5.66E-10	3.35E-09	5.35E-11	1.21E-09	6.14E-08	5.69E-09	7.32E-08
584	SG_584	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.100	3.28E-07	6.25E-07	Not Modelled	6.44E-09	3.04E-10	3.41E-06	3.28E-08	6.56E-09	6.56E-16	3.28E-09	7.85E-11	5.78E-11	1.61E-10	5.30E-10	3.13E-09	5.01E-11	1.13E-09	5.75E-08	5.32E-09	6.85E-08
585	SG_585	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.100	2.93E-07	5.58E-07	Not Modelled	5.82E-09	2.71E-10	2.99E-06	2.93E-08	5.86E-09	5.86E-16	2.93E-09	7.01E-11	5.16E-11	1.44E-10	4.73E-10	2.80E-09	4.47E-11	1.01E-09	5.13E-08	4.75E-09	6.11E-08
586	SG_586	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.100	2.68E-07	5.11E-07	Not Modelled	5.39E-09	2.48E-10	2.72E-06	2.68E-08	5.36E-09	5.36E-16	2.68E-09	6.41E-11	4.72E-11	1.31E-10	4.33E-10	2.56E-09	4.09E-11	9.24E-10	4.69E-08	4.35E-09	5.59E-08
587	SG_587	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.100	2.34E-07	4.46E-07	Not Modelled	4.76E-09	2.16E-10	2.30E-06	2.34E-08	4.67E-09	4.67E-16	2.34E-09	5.59E-11	4.12E-11	1.15E-10	3.77E-10	2.23E-09	3.57E-11	8.05E-10	4.09E-08	3.79E-09	4.88E-08
588	SG_588	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.100	2.05E-07	3.91E-07	Not Modelled	4.24E-09	1.90E-10	1.98E-06	2.05E-08	4.10E-09	4.10E-16	2.05E-09	4.91E-11	3.62E-11	1.01E-10	3.31E-10	1.96E-09	3.13E-11	7.07E-10	3.59E-08	3.33E-09	4.28E-08
589	SG_589	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6368.100	1.89E-07	3.61E-07	Not Modelled	3.96E-09	1.75E-10	1.84E-06	1.89E-08	3.78E-09	3.78E-16	1.89E-09	4.52E-11	3.33E-11	9.27E-11	3.05E-10	1.80E-09	2.88E-11	6.51E-10	3.31E-08	3.07E-09	3.94E-08
590	SG_590	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.300	7.01E-08	1.01E-07	Not Modelled	1.70E-09	5.67E-11	1.60E-06	6.13E-09	1.23E-09	1.23E-16	6.13E-10	1.47E-11	1.08E-11	3.00E-11	9.89E-11	5.85E-10	9.35E-12	2.11E-10	1.07E-08	9.94E-10	1.28E-08
591	SG_591	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.300	8.09E-08	1.20E-07	Not Modelled	1.94E-09	6.70E-11	1.86E-06	7.24E-09	1.45E-09	1.45E-16	7.24E-10	1.73E-11	1.28E-11	3.55E-11	1.17E-10	6.91E-10	1.11E-11	2.50E-10	1.27E-08	1.17E-09	1.51E-08
592	SG_592	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.300	9.40E-08	1.47E-07	Not Modelled	2.21E-09	8.05E-11	2.06E-06	8.70E-09	1.74E-09	1.74E-16	8.71E-10	2.08E-11	1.53E-11	4.27E-11	1.41E-10	8.31E-10	1.33E-11	3.00E-10	1.52E-08	1.41E-09	1.82E-08
593	SG_593	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.300	1.14E-07	1.84E-07	Not Modelled	2.57E-09	1.00E-10	2.26E-06	1.08E-08	2.16E-09	2.16E-16	1.08E-09	2.59E-11	1.91E-11	5.30E-11	1.75E-10	1.03E-09	1.65E-11	3.73E-10	1.89E-08	1.75E-09	2.26E-08
594	SG_594	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.300	1.42E-07	2.38E-07	Not Modelled	3.12E-09	1.28E-10	2.53E-06	1.38E-08	2.76E-09	2.76E-16	1.38E-09	3.30E-11	2.43E-11	6.76E-11	2.23E-10	1.32E-09	2.11E-11	4.75E-10	2.41E-08	2.24E-09	2.88E-08
595	SG_595	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.300	1.76E-07	3.02E-07	Not Modelled	3.95E-09	1.60E-10	2.95E-06	1.73E-08	3.46E-09	3.46E-16	1.73E-09	4.14E-11	3.05E-11	8.49E-11	2.79E-10	1.65E-09	2.64E-11	5.97E-10	3.03E-08	2.81E-09	3.61E-08
596	SG_596	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6368.300	2.01E-07	3.46E-07	Not Modelled	4.94E-09	1.84E-10	3.38E-06	1.99E-08	3.98E-09	3.98E-16	1.99E-09	4.76E-11	3.50E-11	9.75E-11	3.21E-10	1.90E-09	3.04E-11	6.85E-10	3.48E-08	3.23E-09	4.15E-08
597	SG_597	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6368.300	2.18E-07	3.75E-07	Not Modelled	6.34E-09	2.00E-10	4.06E-06	2.17E-08	4.33E-09	4.33E-16	2.17E-09	5.18E-11	3.82E-11	1.06E-10	3.50E-10	2.07E-09	3.31E-11	7.47E-10	3.79E-08	3.51E-09	4.52E-08
598	SG_598	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.300	2.33E-07	3.98E-07	Not Modelled	7.93E-09	2.14E-10	4.76E-06	2.32E-08	4.63E-09	4.63E-16	2.32E-09	5.54E-11	4.08E-11	1.14E-10	3.74E-10	2.21E-09	3.54E-11	7.99E-10	4.06E-08	3.76E-09	4.84E-08
599	SG_599	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.300	2.71E-07	4.62E-07	Not Modelled	9.93E-09	2.50E-10	5.84E-06	2.70E-08	5.41E-09	5.41E-16	2.70E-09	6.47E-11	4.77E-11	1.33E-10	4.37E-10	2.58E-09	4.13E-11	9.32E-10	4.73E-08	4.39E-09	5.64E-08
600	SG_600	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.300	3.46E-07	5.86E-07	Not Modelled	1.22E-08	3.20E-10	6.98E-06	3.45E-08	6.91E-09	6.91E-16	3.46E-09	8.26E-11	6.09E-11	1.69E-10	5.58E-10	3.30E-09	5.27E-11	1.19E-09	6.05E-08	5.60E-09	7.21E-08
601	SG_601	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.300	5.10E-07	8.65E-07	Not Modelled	1.61E-08	4.72E-10	8.78E-06	5.10E-08	1.02E-08	1.02E-15	5.10E-09	1.22E-10	8.99E-11	2.50E-10	8.23E-10	4.87E-09	7.78E-11	1.76E-09	8.93E-08	8.27E-09	1.06E-07
602	SG_602	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.300	9.01E-07	1.56E-06	Not Modelled	2.56E-08	8.33E-10	1.35E-05	9.00E-08	1.80E-08	1.80E-15	9.01E-09	2.15E-10	1.59E-10	4.41E-10	1.45E-09	8.59E-09	1.37E-10	3.10E-09	1.58E-07	1.46E-08	1.88E-07
603	SG_603	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.300	1.45E-06	2.56E-06	Not Modelled	4.02E-08	1.34E-09	2.08E-05	1.45E-07	2.90E-08	2.90E-15	1.45E-08	3.47E-10	2.56E-10	7.12E-10	2.34E-09	1.39E-08	2.22E-10	5.00E-09	2.54E-07	2.35E-08	3.03E-07
604	SG_604	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.300	1.42E-06	2.44E-06	Not Modelled	4.26E-08	1.31E-09	2.05E-05	1.42E-07	2.83E-08	2.83E-15	1.42E-08	3.39E-10	2.50E-10	6.94E-10	2.29E-09	1.35E-08	2.16E-10	4.88E-09	2.48E-07	2.30E-08	2.96E-07
605	SG_605	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.300	1.10E-06	1.88E-06	Not Modelled	2.97E-08	1.02E-09	1.34E-05	1.10E-07	2.20E-08	2.20E-15	1.10E-08	2.64E-10	1.94E-10	5.40E-10	1.78E-09	1.05E-08	1.68E-10	3.80E-09	1.93E-07	1.79E-08	2.30E-07
606	SG_606	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.300	9.17E-07	1.60E-06	Not Modelled	2.10E-08	8.48E-10	1.09E-05	9.17E-08	1.83E-08	1.83E-15	9.17E-09	2.19E-10	1.62E-10	4.50E-10	1.48E-09	8.75E-09	1.40E-10	3.16E-09	1.60E-07	1.49E-08	1.91E-07
607	SG_607	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.300	8.51E-07	1.53E-06	Not Modelled	1.80E-08	7.88E-10	1.05E-05	8.51E-08	1.70E-08	1.70E-15	8.52E-09	2.04E-10	1.50E-10	4.17E-10	1.37E-09	8.13E-09	1.30E-10	2.93E-09	1.49E-07	1.38E-08	1.78E-07
608	SG_608	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.300	6.87E-07	1.25E-06	Not Modelled	1.38E-08	6.36E-10	7.97E-06	6.87E-08	1.37E-08	1.37E-15	6.88E-09	1.64E-10	1.21E-10	3.37E-10	1.11E-09	6.56E-09	1.05E-10	2.37E-09	1.20E-07	1.12E-08	1.43E-07
609	SG_609	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.300	5.31E-07	9.69E-07	Not Modelled	1.01E-08	4.91E-10	5.75E-06	5.31E-08	1.06E-08	1.06E-15	5.31E-09	1.27E-10	9.35E-11	2.60E-10	8.57E-10	5.07E-09	8.10E-11	1.83E-09	9.29E-08	8.61E-09	1.11E-07
610	SG_610	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.300	4.41E-07	8.09E-07	Not Modelled	7.95E-09	4.08E-10	4.56E-06	4.41E-08	8.82E-09	8.82E-16	4.41E-09	1.06E-10	7.77E-11	2.16E-10	7.12E-10	4.21E-09	6.73E-11	1.52E-09	7.72E-08	7.15E-09	9.20E-08
611	SG_611	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.300	3.98E-07	7.36E-07	Not Modelled	7.08E-09	3.68E-10	4.07E-06	3.97E-08	7.95E-09	7.95E-16	3.98E-09	9.51E-11	7.01E-11	1.95E-10	6.42E-10	3.79E-09	6.07E-11	1.37E-09	6.96E-08	6.45E-09	8.29E-08
612	SG_612	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.300	3.62E-07	6.75E-07	Not Modelled	6.55E-09	3.35E-10	3.68E-06	3.62E-08	7.23E-09	7.23E-16	3.62E-09	8.66E-11	6.38E-11	1.77E-10	5.84E-10	3.45E-09	5.52E-11	1.25E-09	6.33E-08	5.87E-09	7.55E-08
613	SG_613	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.300	3.35E-07	6.30E-07	Not Modelled	6.20E-09	3.10E-10	3.39E-06	3.35E-08	6.71E-09	6.71E-16	3.35E-09	8.02E-11	5.91E-11	1.64E-10	5.41E-10	3.20E-09	5.12E-11	1.16E-09	5.87E-08	5.44E-09	7.00E-08
614	SG_614	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.300	3.16E-07	5.96E-07	Not Modelled	5.94E-09	2.92E-10	3.19E-06	3.16E-08	6.31E-09	6.31E-16	3.16E-09	7.55E-11	5.56E-11	1.55E-10	5.10E-10	3.01E-09	4.82E-11	1.09E-09	5.53E-08	5.12E-09	6.59E-08
615	SG_615	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.300	3.06E-07	5.81E-07	Not Modelled	5.84E-09	2.83E-10	3.13E-06	3.05E-08	6.11E-09	6.11E-16	3.06E-09	7.31E-11	5.38E-11	1.50E-10	4.93E-10	2.92E-09	4.66E-11	1.05E-09	5.35E-08	4.96E-09	6.38E-08
616	SG_616	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.300	2.71E-07	5.16E-07	Not Modelled	5.25E-09	2.51E-10	2.68E-06	2.71E-08	5.43E-09	5.43E-16	2.71E-09	6.49E-11	4.78E-11	1.33E-10	4.38E-10	2.59E-09	4.14E-11	9.35E-10	4.75E-08	4.40E-09	5.66E-08
617	SG_617	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.300	2.48E-07	4.72E-07	Not Modelled	4.86E-09	2.29E-10	2.41E-06	2.48E-08	4.95E-09	4.95E-16	2.48E-09	5.93E-11	4.37E-11	1.22E-10	4.00E-10	2.37E-09	3.78E-11	8.54E-10	4.34E-08	4.02E-09	5.17E-08
618	SG_618	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.300	2.35E-07	4.48E-07	Not Modelled	4.65E-09	2.17E-10	2.29E-06	2.34E-08	4.69E-09	4.69E-16	2.35E-09	5.61E-11	4.13E-11	1.15E-10	3.79E-10	2.24E-09	3.58E-11	8.08E-10	4.10E-08	3.80E-09	4.89E-08
619	SG_619	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.300	2.06E-07	3.94E-07	Not Modelled	4.15E-09	1.91E-10	1.95E-06	2.06E-08	4.12E-09	4.12E-16	2.06E-09	4.93E-11	3.63E-11	1.01E-10	3.33E-10	1.97E-09	3.15E-11	7.11E-10	3.61E-08	3.34E-09	4.30E-08
620	SG_620	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.300	1.94E-07	3.71E-07	Not Modelled	3.95E-09	1.79E-10	1.85E-06	1.94E-08	3.87E-09	3.87E-16	1.94E-09	4.63E-11	3.41E-11	9.49E-11	3.13E-10	1.85E-09	2.96E-11	6.67E-10	3.39E-08	3.14E-09	4.04E-08
621	SG_621	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.500	7.51E-08	1.11E-07	Not Modelled	1.71E-09	6.20E-11	1.59E-06	6.70E-09	1.34E-09	1.34E-16	6.70E-10	1.60E-11	1.18E-11	3.29E-11	1.08E-10	6.40E-10	1.02E-11	2.31E-10	1.17E-08	1.09E-09	1.40E-08
622	SG_622	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.500	8.60E-08	1.27E-07	Not Modelled	1.87E-09	7.14E-11	1.73E-06	7.71E-09	1.54E-09	1.54E-16	7.71E-10	1.84E-11	1.36E-11	3.78E-11	1.25E-10	7.36E-10	1.18E-11	2.66E-10	1.35E-08	1.25E-09	1.61E-08
623	SG_623	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.500	1.01E-07	1.53E-07	Not Modelled	2.11E-09	8.58E-11	1.91E-06	9.27E-09	1.85E-09	1.85E-16	9.27E-10	2.22E-11	1.63E-11	4.55E-11	1.50E-10	8.85E-10	1.42E-11	3.20E-10	1.62E-08	1.50E-09	1.93E-08
624	SG_624	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.500	1.27E-07	1.99E-07	Not Modelled	2.53E-09	1.10E-10	2.22E-06	1.19E-08	2.37E-09	2.37E-16	1.19E-09	2.84E-11	2.09E-11	5.81E-11	1.91E-10	1.13E-09	1.81E-11	4.09E-10	2.07E-08	1.92E-09	2.47E-08
625	SG_625	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.500	1.63E-07	2.68E-07	Not Modelled	3.16E-09	1.44E-10	2.57E-06	1.56E-08	3.12E-09	3.12E-16	1.56E-09	3.73E-11	2.75E-11	7.65E-11	2.52E-10	1.49E-09	2.38E-11	5.38E-10	2.73E-08	2.53E-09	3.26E-08
626	SG_626	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.500	1.98E-07	3.35E-07	Not Modelled	3.83E-09	1.79E-10	2.76E-06	1.93E-08	3.87E-09	3.87E-16	1.93E-09	4.63E-11	3.41E-11	9.48E-11	3.12E-10	1.85E-09	2.95E-11	6.67E-10	3.39E-08	3.14E-09	4.04E-08
627	SG_627	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.500	2.27E-07	3.88E-07	Not Modelled	4.66E-09	2.07E-10	3.07E-06	2.24E-08	4.48E-09	4.48E-16	2.24E-09	5.36E-11	3.95E-11	1.10E-10	3.62E-10	2.14E-09	3.42E-11	7.72E-10	3.92E-08	3.63E-09	4.67E-08

AQIA DATA - SCENARIO 2 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**3.08E-06**	**5.69E-06**	**0.00E+00**	**3.69E-07**	**2.85E-09**	**1.88E-04**	**3.08E-07**	**6.16E-08**	**6.16E-15**	**3.08E-08**	**7.37E-10**	**5.43E-10**	**1.51E-09**	**4.98E-09**	**2.94E-08**	**4.71E-10**	**1.06E-08**	**5.40E-07**	**5.00E-08**	**6.43E-07**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
628	SG_628	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6368.500	2.50E-07	4.26E-07	Not Modelled	5.71E-09	2.30E-10	3.56E-06	2.48E-08	4.96E-09	4.96E-16	2.48E-09	5.94E-11	4.37E-11	1.22E-10	4.01E-10	2.37E-09	3.79E-11	8.55E-10	4.34E-08	4.03E-09	5.18E-08
629	SG_629	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.500	2.76E-07	4.67E-07	Not Modelled	6.93E-09	2.54E-10	4.15E-06	2.74E-08	5.48E-09	5.48E-16	2.74E-09	6.56E-11	4.83E-11	1.34E-10	4.43E-10	2.62E-09	4.19E-11	9.45E-10	4.80E-08	4.45E-09	5.72E-08
630	SG_630	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.500	3.25E-07	5.49E-07	Not Modelled	8.31E-09	2.99E-10	4.77E-06	3.24E-08	6.47E-09	6.47E-16	3.24E-09	7.74E-11	5.70E-11	1.59E-10	5.22E-10	3.09E-09	4.94E-11	1.12E-09	5.66E-08	5.25E-09	6.75E-08
631	SG_631	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.500	4.35E-07	7.42E-07	Not Modelled	1.08E-08	4.02E-10	5.93E-06	4.34E-08	8.68E-09	8.68E-16	4.34E-09	1.04E-10	7.65E-11	2.13E-10	7.01E-10	4.14E-09	6.62E-11	1.50E-09	7.60E-08	7.04E-09	9.06E-08
632	SG_632	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.500	6.36E-07	1.10E-06	Not Modelled	1.56E-08	5.88E-10	8.05E-06	6.35E-08	1.27E-08	1.27E-15	6.35E-09	1.52E-10	1.12E-10	3.11E-10	1.03E-09	6.06E-09	9.70E-11	2.19E-09	1.11E-07	1.03E-08	1.33E-07
633	SG_633	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.500	9.69E-07	1.70E-06	Not Modelled	2.43E-08	8.96E-10	1.18E-05	9.68E-08	1.94E-08	1.94E-15	9.69E-09	2.32E-10	1.71E-10	4.75E-10	1.56E-09	9.25E-09	1.48E-10	3.34E-09	1.70E-07	1.57E-08	2.02E-07
634	SG_634	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.500	1.21E-06	2.12E-06	Not Modelled	3.22E-08	1.12E-09	1.43E-05	1.21E-07	2.43E-08	2.43E-15	1.21E-08	2.90E-10	2.14E-10	5.95E-10	1.96E-09	1.16E-08	1.85E-10	4.18E-09	2.13E-07	1.97E-08	2.53E-07
635	SG_635	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.500	1.15E-06	1.97E-06	Not Modelled	3.19E-08	1.07E-09	1.30E-05	1.15E-07	2.31E-08	2.31E-15	1.15E-08	2.76E-10	2.03E-10	5.65E-10	1.86E-09	1.10E-08	1.76E-10	3.97E-09	2.02E-07	1.87E-08	2.41E-07
636	SG_636	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.500	9.69E-07	1.65E-06	Not Modelled	2.39E-08	8.96E-10	9.70E-06	9.69E-08	1.94E-08	1.94E-15	9.69E-09	2.32E-10	1.71E-10	4.75E-10	1.56E-09	9.25E-09	1.48E-10	3.34E-09	1.70E-07	1.57E-08	2.02E-07
637	SG_637	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.500	7.92E-07	1.37E-06	Not Modelled	1.69E-08	7.33E-10	7.64E-06	7.92E-08	1.58E-08	1.58E-15	7.92E-09	1.89E-10	1.40E-10	3.88E-10	1.28E-09	7.56E-09	1.21E-10	2.73E-09	1.39E-07	1.28E-08	1.65E-07
638	SG_638	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.500	7.14E-07	1.27E-06	Not Modelled	1.43E-08	6.61E-10	7.22E-06	7.14E-08	1.43E-08	1.43E-15	7.15E-09	1.71E-10	1.26E-10	3.50E-10	1.15E-09	6.82E-09	1.09E-10	2.46E-09	1.25E-07	1.16E-08	1.49E-07
639	SG_639	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.500	6.50E-07	1.18E-06	Not Modelled	1.28E-08	6.01E-10	6.89E-06	6.49E-08	1.30E-08	1.30E-15	6.50E-09	1.55E-10	1.14E-10	3.19E-10	1.05E-09	6.20E-09	9.92E-11	2.24E-09	1.14E-07	1.05E-08	1.36E-07
640	SG_640	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.500	5.47E-07	1.00E-06	Not Modelled	1.06E-08	5.06E-10	5.88E-06	5.47E-08	1.09E-08	1.09E-15	5.47E-09	1.31E-10	9.64E-11	2.68E-10	8.83E-10	5.22E-09	8.35E-11	1.88E-09	9.57E-08	8.87E-09	1.14E-07
641	SG_641	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.500	4.37E-07	8.03E-07	Not Modelled	8.25E-09	4.04E-10	4.56E-06	4.37E-08	8.73E-09	8.73E-16	4.37E-09	1.04E-10	7.70E-11	2.14E-10	7.05E-10	4.17E-09	6.67E-11	1.51E-09	7.64E-08	7.08E-09	9.11E-08
642	SG_642	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.500	3.60E-07	6.64E-07	Not Modelled	6.61E-09	3.33E-10	3.65E-06	3.60E-08	7.20E-09	7.20E-16	3.60E-09	8.62E-11	6.35E-11	1.77E-10	5.82E-10	3.44E-09	5.50E-11	1.24E-09	6.31E-08	5.84E-09	7.52E-08
643	SG_643	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.500	3.09E-07	5.70E-07	Not Modelled	5.60E-09	2.85E-10	3.04E-06	3.08E-08	6.17E-09	6.17E-16	3.09E-09	7.38E-11	5.44E-11	1.51E-10	4.98E-10	2.94E-09	4.71E-11	1.06E-09	5.40E-08	5.00E-09	6.44E-08
644	SG_644	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.500	2.88E-07	5.36E-07	Not Modelled	5.28E-09	2.66E-10	2.87E-06	2.87E-08	5.75E-09	5.75E-16	2.88E-09	6.88E-11	5.07E-11	1.41E-10	4.64E-10	2.75E-09	4.39E-11	9.91E-10	5.03E-08	4.66E-09	6.00E-08
645	SG_645	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.500	2.70E-07	5.07E-07	Not Modelled	5.00E-09	2.50E-10	2.66E-06	2.70E-08	5.40E-09	5.40E-16	2.70E-09	6.46E-11	4.76E-11	1.32E-10	4.36E-10	2.58E-09	4.12E-11	9.30E-10	4.72E-08	4.38E-09	5.63E-08
646	SG_646	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.500	2.62E-07	4.96E-07	Not Modelled	4.91E-09	2.43E-10	2.57E-06	2.62E-08	5.24E-09	5.24E-16	2.62E-09	6.27E-11	4.62E-11	1.29E-10	4.23E-10	2.50E-09	4.00E-11	9.04E-10	4.59E-08	4.25E-09	5.47E-08
647	SG_647	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.500	2.47E-07	4.70E-07	Not Modelled	4.69E-09	2.29E-10	2.39E-06	2.47E-08	4.95E-09	4.95E-16	2.47E-09	5.92E-11	4.36E-11	1.21E-10	3.99E-10	2.36E-09	3.78E-11	8.53E-10	4.33E-08	4.01E-09	5.16E-08
648	SG_648	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.500	2.34E-07	4.47E-07	Not Modelled	4.50E-09	2.17E-10	2.24E-06	2.34E-08	4.68E-09	4.68E-16	2.34E-09	5.61E-11	4.13E-11	1.15E-10	3.78E-10	2.24E-09	3.58E-11	8.08E-10	4.10E-08	3.80E-09	4.89E-08
649	SG_649	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.500	2.17E-07	4.14E-07	Not Modelled	4.21E-09	2.01E-10	2.03E-06	2.17E-08	4.33E-09	4.33E-16	2.17E-09	5.19E-11	3.82E-11	1.06E-10	3.50E-10	2.07E-09	3.31E-11	7.47E-10	3.79E-08	3.52E-09	4.52E-08
650	SG_650	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.500	2.00E-07	3.83E-07	Not Modelled	3.94E-09	1.85E-10	1.85E-06	2.00E-08	4.01E-09	4.01E-16	2.00E-09	4.79E-11	3.53E-11	9.83E-11	3.24E-10	1.91E-09	3.06E-11	6.91E-10	3.51E-08	3.25E-09	4.18E-08
651	SG_651	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.500	1.90E-07	3.64E-07	Not Modelled	3.78E-09	1.76E-10	1.75E-06	1.90E-08	3.80E-09	3.80E-16	1.90E-09	4.54E-11	3.35E-11	9.31E-11	3.06E-10	1.81E-09	2.90E-11	6.54E-10	3.32E-08	3.08E-09	3.96E-08
652	SG_652	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.700	8.30E-08	1.29E-07	Not Modelled	1.78E-09	7.07E-11	1.59E-06	7.64E-09	1.53E-09	1.53E-16	7.65E-10	1.83E-11	1.35E-11	3.75E-11	1.23E-10	7.30E-10	1.17E-11	2.64E-10	1.34E-08	1.24E-09	1.60E-08
653	SG_653	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.700	9.48E-08	1.43E-07	Not Modelled	1.90E-09	7.99E-11	1.69E-06	8.63E-09	1.73E-09	1.73E-16	8.64E-10	2.07E-11	1.52E-11	4.23E-11	1.39E-10	8.24E-10	1.32E-11	2.98E-10	1.51E-08	1.40E-09	1.80E-08
654	SG_654	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.700	1.11E-07	1.66E-07	Not Modelled	2.10E-09	9.34E-11	1.85E-06	1.01E-08	2.02E-09	2.02E-16	1.01E-09	2.41E-11	1.78E-11	4.95E-11	1.63E-10	9.63E-10	1.54E-11	3.48E-10	1.77E-08	1.64E-09	2.11E-08
655	SG_655	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.700	1.33E-07	2.03E-07	Not Modelled	2.39E-09	1.14E-10	2.02E-06	1.23E-08	2.46E-09	2.46E-16	1.23E-09	2.94E-11	2.16E-11	6.02E-11	1.98E-10	1.17E-09	1.87E-11	4.23E-10	2.15E-08	1.99E-09	2.56E-08
656	SG_656	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.700	1.62E-07	2.57E-07	Not Modelled	2.84E-09	1.42E-10	2.22E-06	1.53E-08	3.07E-09	3.07E-16	1.54E-09	3.67E-11	2.71E-11	7.53E-11	2.48E-10	1.47E-09	2.34E-11	5.29E-10	2.69E-08	2.49E-09	3.20E-08
657	SG_657	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.700	1.98E-07	3.23E-07	Not Modelled	3.46E-09	1.76E-10	2.49E-06	1.90E-08	3.81E-09	3.81E-16	1.90E-09	4.55E-11	3.35E-11	9.33E-11	3.07E-10	1.82E-09	2.91E-11	6.56E-10	3.33E-08	3.09E-09	3.97E-08
658	SG_658	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.700	2.30E-07	3.82E-07	Not Modelled	4.15E-09	2.07E-10	2.77E-06	2.24E-08	4.48E-09	4.48E-16	2.24E-09	5.36E-11	3.95E-11	1.10E-10	3.62E-10	2.14E-09	3.42E-11	7.73E-10	3.93E-08	3.64E-09	4.68E-08
659	SG_659	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6368.700	2.56E-07	4.27E-07	Not Modelled	4.82E-09	2.33E-10	2.99E-06	2.52E-08	5.03E-09	5.03E-16	2.52E-09	6.02E-11	4.44E-11	1.23E-10	4.06E-10	2.40E-09	3.84E-11	8.67E-10	4.41E-08	4.08E-09	5.25E-08
660	SG_660	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.700	2.93E-07	4.90E-07	Not Modelled	5.75E-09	2.68E-10	3.35E-06	2.90E-08	5.80E-09	5.80E-16	2.90E-09	6.94E-11	5.11E-11	1.42E-10	4.68E-10	2.77E-09	4.43E-11	1.00E-09	5.08E-08	4.71E-09	6.05E-08
661	SG_661	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.700	3.63E-07	6.15E-07	Not Modelled	7.31E-09	3.34E-10	4.04E-06	3.61E-08	7.22E-09	7.22E-16	3.61E-09	8.63E-11	6.36E-11	1.77E-10	5.83E-10	3.45E-09	5.51E-11	1.24E-09	6.32E-08	5.85E-09	7.53E-08
662	SG_662	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.700	4.77E-07	8.19E-07	Not Modelled	9.94E-09	4.40E-10	5.08E-06	4.75E-08	9.50E-09	9.50E-16	4.75E-09	1.14E-10	8.38E-11	2.33E-10	7.67E-10	4.54E-09	7.26E-11	1.64E-09	8.32E-08	7.71E-09	9.92E-08
663	SG_663	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.700	6.70E-07	1.17E-06	Not Modelled	1.49E-08	6.19E-10	7.25E-06	6.69E-08	1.34E-08	1.34E-15	6.69E-09	1.60E-10	1.18E-10	3.28E-10	1.08E-09	6.39E-09	1.02E-10	2.31E-09	1.17E-07	1.09E-08	1.40E-07
664	SG_664	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.700	8.83E-07	1.55E-06	Not Modelled	2.12E-08	8.16E-10	9.57E-06	8.82E-08	1.76E-08	1.76E-15	8.82E-09	2.11E-10	1.55E-10	4.32E-10	1.42E-09	8.42E-09	1.35E-10	3.04E-09	1.54E-07	1.43E-08	1.84E-07
665	SG_665	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.700	9.76E-07	1.70E-06	Not Modelled	2.53E-08	9.02E-10	1.04E-05	9.75E-08	1.95E-08	1.95E-15	9.75E-09	2.33E-10	1.72E-10	4.78E-10	1.57E-09	9.31E-09	1.49E-10	3.36E-09	1.71E-07	1.58E-08	2.03E-07
666	SG_666	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.700	9.06E-07	1.56E-06	Not Modelled	2.41E-08	8.38E-10	9.10E-06	9.05E-08	1.81E-08	1.81E-15	9.06E-09	2.17E-10	1.60E-10	4.44E-10	1.46E-09	8.64E-09	1.38E-10	3.12E-09	1.58E-07	1.47E-08	1.89E-07
667	SG_667	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.700	7.90E-07	1.36E-06	Not Modelled	1.92E-08	7.30E-10	7.45E-06	7.89E-08	1.58E-08	1.58E-15	7.90E-09	1.89E-10	1.39E-10	3.87E-10	1.27E-09	7.54E-09	1.21E-10	2.72E-09	1.38E-07	1.28E-08	1.65E-07
668	SG_668	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.700	6.53E-07	1.13E-06	Not Modelled	1.42E-08	6.04E-10	6.00E-06	6.53E-08	1.31E-08	1.31E-15	6.53E-09	1.56E-10	1.15E-10	3.20E-10	1.05E-09	6.23E-09	9.97E-11	2.25E-09	1.14E-07	1.06E-08	1.36E-07
669	SG_669	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.700	5.78E-07	1.02E-06	Not Modelled	1.17E-08	5.35E-10	5.47E-06	5.78E-08	1.16E-08	1.16E-15	5.78E-09	1.38E-10	1.02E-10	2.83E-10	9.33E-10	5.52E-09	8.82E-11	1.99E-09	1.01E-07	9.37E-09	1.21E-07
670	SG_670	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.700	5.50E-07	9.94E-07	Not Modelled	1.09E-08	5.09E-10	5.52E-06	5.50E-08	1.10E-08	1.10E-15	5.50E-09	1.32E-10	9.69E-11	2.70E-10	8.88E-10	5.25E-09	8.39E-11	1.90E-09	9.63E-08	8.92E-09	1.15E-07
671	SG_671	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.700	5.01E-07	9.19E-07	Not Modelled	9.92E-09	4.63E-10	5.24E-06	5.00E-08	1.00E-08	1.00E-15	5.01E-09	1.20E-10	8.82E-11	2.45E-10	8.08E-10	4.78E-09	7.64E-11	1.73E-09	8.76E-08	8.12E-09	1.04E-07
672	SG_672	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.700	4.31E-07	7.97E-07	Not Modelled	8.51E-09	3.98E-10	4.63E-06	4.31E-08	8.61E-09	8.61E-16	4.31E-09	1.03E-10	7.59E-11	2.11E-10	6.95E-10	4.11E-09	6.57E-11	1.48E-09	7.54E-08	6.98E-09	8.99E-08
673	SG_673	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.700	3.42E-07	6.32E-07	Not Modelled	6.79E-09	3.17E-10	3.63E-06	3.42E-08	6.84E-09	6.84E-16	3.42E-09	8.19E-11	6.03E-11	1.68E-10	5.53E-10	3.27E-09	5.22E-11	1.18E-09	5.99E-08	5.55E-09	7.14E-08
674	SG_674	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.700	2.94E-07	5.44E-07	Not Modelled	5.83E-09	2.72E-10	3.19E-06	2.94E-08	5.87E-09	5.87E-16	2.94E-09	7.02E-11	5.17E-11	1.44E-10	4.74E-10	2.80E-09	4.48E-11	1.01E-09	5.14E-08	4.76E-09	6.13E-08
675	SG_675	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.700	2.65E-07	4.94E-07	Not Modelled	5.16E-09	2.45E-10	2.83E-06	2.65E-08	5.30E-09	5.30E-16	2.65E-09	6.34E-11	4.67E-11	1.30E-10	4.28E-10	2.53E-09	4.05E-11	9.14E-10	4.64E-08	4.30E-09	5.53E-08
676	SG_676	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.700	2.43E-07	4.55E-07	Not Modelled	4.58E-09	2.25E-10	2.43E-06	2.43E-08	4.86E-09	4.86E-16	2.43E-09	5.81E-11	4.28E-11	1.19E-10	3.92E-10	2.32E-09	3.71E-11	8.38E-10	4.25E-08	3.94E-09	5.07E-08
677	SG_677	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.700	2.30E-07	4.33E-07	Not Modelled	4.27E-09	2.13E-10	2.20E-06	2.30E-08	4.60E-09	4.60E-16	2.30E-09	5.50E-11	4.05E-11	1.13E-10	3.71E-10	2.20E-09	3.51E-11	7.93E-10	4.03E-08	3.73E-09	4.80E-08
678	SG_678	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.700	2.26E-07	4.28E-07	Not Modelled	4.20E-09	2.09E-10	2.14E-06	2.26E-08	4.51E-09	4.51E-16	2.26E-09	5.40E-11	3.98E-11	1.11E-10	3.64E-10	2.15E-09	3.44E-11	7.78E-10	3.95E-08	3.66E-09	4.71E-08
679	SG_679	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.700	2.13E-07	4.05E-07	Not Modelled	4.02E-09	1.97E-10	1.98E-06	2.13E-08	4.26E-09	4.26E-16	2.13E-09	5.09E-11	3.75E-11	1.04E-10	3.44E-10	2.03E-09	3.25E-11	7.34E-10	3.73E-08	3.45E-09	4.44E-08
680	SG_680	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.700	2.06E-07	3.94E-07	Not Modelled	3.94E-09	1.91E-10	1.91E-06	2.06E-08	4.12E-09	4.12E-16	2.06E-09	4.93E-11	3.63E-11	1.01E-10	3.33E-10	1.97E-09	3.15E-11	7.11E-10	3.61E-08	3.34E-09	4.30E-08
681	SG_681	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.700	1.90E-07	3.63E-07	Not Modelled	3.69E-09	1.76E-10	1.72E-06	1.90E-08	3.80E-09	3.80E-16	1.90E-09	4.55E-11	3.35E-11	9.33E-11	3.07E-10	1.82E-09	2.90E-11	6.56E-10	3.33E-08	3.09E-09	3.97E-08
682	SG_682	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.700	1.79E-07	3.42E-07	Not Modelled	3.51E-09	1.65E-10	1.59E-06	1.79E-08	3.57E-09	3.57E-16	1.79E-09	4.28E-11	3.15E-11	8.76E-11	2.89E-10	1.71E-09	2.73E-11	6.16E-10	3.13E-08	2.90E-09	3.73E-08
683	SG_683	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.900	9.35E-08	1.53E-07	Not Modelled	1.85E-09	8.24E-11	1.53E-06	8.90E-09	1.78E-09	1.78E-16	8.90E-10	2.13E-11	1.57E-11	4.37E-11	1.44E-10	8.50E-10	1.36E-11	3.07E-10	1.56E-08	1.44E-09	1.86E-08
684	SG_684	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.900	1.08E-07	1.72E-07	Not Modelled	2.02E-09	9.36E-11	1.70E-06	1.01E-08	2.02E-09	2.02E-16	1.01E-09	2.42E-11	1.78E-11	4.96E-11	1.63E-10	9.66E-10	1.54E-11	3.49E-10	1.77E-08	1.64E-09	2.11E-08
685	SG_685	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.900	1.23E-07	1.92E-07	Not Modelled	2.21E-09	1.06E-10	1.86E-06	1.15E-08	2.29E-09	2.29E-16	1.15E-09	2.74E-11	2.02E-11	5.63E-11	1.85E-10	1.10E-09	1.75E-11	3.95E-10	2.01E-08	1.86E-09	2.39E-08
686	SG_686	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.900	1.40E-07	2.18E-07	Not Modelled	2.39E-09	1.21E-10	1.95E-06	1.31E-08	2.62E-09	2.62E-16	1.31E-09	3.13E-11	2.31E-11	6.42E-11	2.12E-10	1.25E-09	2.00E-11	4.52E-10	2.29E-08	2.13E-09	2.73E-08
687	SG_687	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.900	1.63E-07	2.55E-07	Not Modelled	2.67E-09	1.42E-10	2.06E-06	1.53E-08	3.07E-09	3.07E-16	1.53E-09	3.67E-11	2.70E-11	7.52E-11	2.48E-10	1.47E-09	2.34E-11	5.29E-10	2.69E-08	2.49E-09	3.20E-08
688	SG_688	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.900	1.89E-07	2.99E-07	Not Modelled	3.06E-09	1.66E-10	2.21E-06	1.80E-08	3.59E-09	3.59E-16	1.80E-09	4.30E-11	3.17E-11	8.81E-11	2.90E-10	1.72E-09	2.74E-11	6.20E-10	3.15E-08	2.92E-09	3.75E-08
689	SG_689	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.900	2.13E-07	3.42E-07	Not Modelled	3.46E-09	1.90E-10	2.34E-06	2.05E-08	4.10E-09	4.10E-16	2.05E-09	4.91E-11	3.62E-11	1.01E-10	3.31E-10	1.96E-09	3.13E-11	7.07E-10	3.59E-08	3.33E-09	4.28E-08
690	SG_690	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6368.900	2.42E-07	3.92E-07	Not Modelled	4.01E-09	2.17E-10	2.52E-06	2.35E-08	4.70E-09	4.70E-16	2.35E-09	5.62E-11	4.14E-11	1.15E-10	3.79E-10	2.24E-09	3.59E-11	8.10E-10	4.11E-08	3.81E-09	4.90E-08
691	SG_691	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6368.900	2.88E-07	4.72E-07	Not Modelled	4.95E-09	2.60E-10	2.88E-06	2.81E-08	5.63E-09	5.63E-16	2.81E-09	6.73E-11	4.96E-11	1.38E-10	4.54E-10	2.69E-09	4.30E-11	9.70E-10	4.93E-08	4.57E-09	5.87E-08
692	SG_692	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6368.900	3.62E-07	6.09E-07	Not Modelled	6.64E-09	3.31E-10	3.55E-06	3.57E-08	7.14E-09	7.14E-16	3.57E-09	8.55E-11	6.30E-11	1.75E-10	5.77E-10	3.41E-09	5.45E-11	1.23E-09	6.25E-08	5.80E-09	7.46E-08
693	SG_693	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6368.900	4.60E-07	7.88E-07	Not Modelled	9.22E-09	4.23E-10	4.44E-06	4.57E-08	9.13E-09	9.13E-16	4.57E-09	1.09E-10	8.05E-11	2.24E-10	7.37E-10	4.36E-09	6.97E-11	1.57E-09	7.99E-08	7.41E-09	9.53E-08
694	SG_694	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.900	5.94E-07	1.03E-06	Not Modelled	1.31E-08	5.48E-10	5.82E-06	5.92E-08	1.18E-08	1.18E-15	5.92E-09	1.42E-10	1.04E-10	2.90E-10	9.56E-10	5.65E-09	9.04E-11	2.04E-09	1.04E-07	9.60E-09	1.24E-07
695	SG_695	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.900	7.13E-07	1.25E-06	Not Modelled	1.71E-08	6.59E-10	7.05E-06	7.12E-08	1.42E-08	1.42E-15	7.12E-09	1.70E-10	1.25E-10	3.49E-10	1.15E-09	6.80E-09	1.09E-10	2.45E-09	1.25E-07	1.15E-08	1.49E-07
696	SG_696	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.900	7.74E-07	1.35E-06	Not Modelled	1.98E-08	7.15E-10	7.86E-06	7.73E-08	1.55E-08	1.55E-15	7.73E-09	1.85E-10	1.36E-10	3.79E-10	1.25E-09	7.38E-09	1.18E-10	2.66E-09	1.35E-07	1.25E-08	1.61E-07
697	SG_697	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.900	7.14E-07	1.23E-06	Not Modelled	1.86E-08	6.60E-10	6.90E-06	7.14E-08	1.43E-08	1.43E-15	7.14E-09	1.71E-10	1.26E-10	3.50E-10	1.15E-09	6.81E-09	1.09E-10	2.46E-09	1.25E-07	1.16E-08	1.49E-07
698	SG_698	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.900	6.29E-07	1.08E-06	Not Modelled	1.52E-08	5.81E-10	5.79E-06	6.28E-08	1.26E-08	1.26E-15	6.28E-09	1.50E-10	1.11E-10	3.08E-10	1.01E-09	6.00E-09	9.59E-11	2.17E-09	1.10E-07	1.02E-08	1.31E-07
699	SG_699	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.900	5.29E-07	9.17E-07	Not Modelled	1.17E-08	4.89E-10	4.79E-06	5.29E-08	1.06E-08	1.06E-15	5.29E-09	1.27E-10	9.32E-11	2.59E-10	8.54E-10	5.05E-09	8.07E-11	1.82E-09	9.26E-08	8.58E-09	1.10E-07
700	SG_700	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.900	4.67E-07	8.20E-07	Not Modelled	9.68E-09	4.32E-10	4.30E-06	4.67E-08	9.33E-09	9.33E-16	4.67E-09	1.12E-10	8.22E-11	2.29E-10	7.53E-10	4.45E-09	7.12E-11	1.61E-09	8.17E-08	7.57E-09	9.74E-08
701	SG_701	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.900	4.59E-07	8.28E-07	Not Modelled	9.30E-09	4.25E-10	4.50E-06	4.59E-08	9.18E-09	9.18E-16	4.59E-09	1.10E-10	8.09E-11	2.25E-10	7.41E-10	4.38E-09	7.01E-11	1.58E-09	8.04E-08	7.45E-09	9.58E-08
702	SG_702	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.900	4.38E-07	8.03E-07	Not Modelled	8.85E-09	4.05E-10	4.45E-06	4.38E-08	8.75E-09	8.75E-16	4.38E-09	1.05E-10	7.71E-11	2.15E-10	7.07E-10	4.18E-09	6.68E-11	1.51E-09	7.66E-08	7.10E-09	9.13E-08
703	SG_703	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.900	3.80E-07	7.02E-07	Not Modelled	7.73E-09	3.52E-10	3.91E-06	3.80E-08	7.60E-09	7.60E-16	3.80E-09	9.10E-11	6.70E-11	1.86E-10	6.14E-10	3.63E-09	5.80E-11	1.31E-09	6.66E-08	6.17E-09	7.93E-08
704	SG_704	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.900	3.21E-07	5.93E-07	Not Modelled	6.68E-09	2.97E-10	3.42E-06	3.21E-08	6.41E-09	6.41E-16	3.21E-09	7.67E-11	5.65E-11	1.57E-10	5.18E-10	3.06E-09	4.89E-11	1.11E-09	5.61E-08	5.20E-09	6.69E-08
705	SG_705	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.900	2.66E-07	4.92E-07	Not Modelled	5.67E-09	2.46E-10	2.91E-06	2.66E-08	5.32E-09	5.32E-16	2.66E-09	6.37E-11	4.69E-11	1.31E-10	4.30E-10	2.54E-09	4.06E-11	9.18E-10	4.66E-08	4.32E-09	5.55E-08
706	SG_706	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.900	2.36E-07	4.37E-07	Not Modelled	4.91E-09	2.18E-10	2.54E-06	2.36E-08	4.71E-09	4.71E-16	2.36E-09	5.64E-11	4.15E-11	1.16E-10	3.81E-10	2.25E-09	3.60E-11	8.12E-10	4.13E-08	3.82E-09	4.92E-08
707	SG_707	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.900	2.21E-07	4.12E-07	Not Modelled	4.34E-09	2.04E-10	2.23E-06	2.21E-08	4.41E-09	4.41E-16	2.21E-09	5.28E-11	3.89E-11	1.08E-10	3.56E-10	2.11E-09	3.37E-11	7.61E-10	3.86E-08	3.58E-09	4.61E-08
708	SG_708	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.900	2.18E-07	4.09E-07	Not Modelled	4.08E-09	2.01E-10	2.11E-06	2.17E-08	4.35E-09	4.35E-16	2.18E-09	5.20E-11	3.83E-11	1.07E-10	3.51E-10	2.08E-09	3.32E-11	7.50E-10	3.81E-08	3.53E-09	4.54E-08
709	SG_709	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.900	2.15E-07	4.07E-07	Not Modelled	3.96E-09	1.99E-10	2.05E-06	2.15E-08	4.29E-09	4.29E-16	2.15E-09	5.13E-11	3.78E-11	1.05E-10	3.47E-10	2.05E-09	3.28E-11	7.40E-10	3.76E-08	3.48E-09	4.48E-08
710	SG_710	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.900	2.00E-07	3.80E-07	Not Modelled	3.72E-09	1.85E-10	1.85E-06	2.00E-08	4.00E-09	4.00E-16	2.00E-09	4.79E-11	3.53E-11	9.82E-11	3.23E-10	1.91E-09	3.06E-11	6.90E-10	3.51E-08	3.25E-09	4.18E-08
711	SG_711	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.900	1.88E-07	3.57E-07	Not Modelled	3.54E-09	1.74E-10	1.69E-06	1.88E-08	3.75E-09	3.75E-16	1.88E-09	4.49E-11	3.31E-11	9.20E-11	3.03E-10	1.79E-09	2.86E-11	6.47E-10	3.28E-08	3.04E-09	3.92E-08
712	SG_712	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.900	1.75E-07	3.34E-07	Not Modelled	3.35E-09	1.62E-10	1.54E-06	1.75E-08	3.50E-09	3.50E-16	1.75E-09	4.19E-11	3.09E-11	8.59E-11	2.83E-10	1.67E-09	2.67E-11	6.04E-10	3.07E-08	2.84E-09	3.65E-08

AQIA DATA - SCENARIO 2 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**3.08E-06**	**5.69E-06**	**0.00E+00**	**3.69E-07**	**2.85E-09**	**1.88E-04**	**3.08E-07**	**6.16E-08**	**6.16E-15**	**3.08E-08**	**7.37E-10**	**5.43E-10**	**1.51E-09**	**4.98E-09**	**2.94E-08**	**4.71E-10**	**1.06E-08**	**5.40E-07**	**5.00E-08**	**6.43E-07**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
713	SG_713	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.900	1.61E-07	3.07E-07	Not Modelled	3.12E-09	1.49E-10	1.37E-06	1.61E-08	3.22E-09	3.22E-16	1.61E-09	3.85E-11	2.84E-11	7.89E-11	2.60E-10	1.54E-09	2.46E-11	5.54E-10	2.82E-08	2.61E-09	3.36E-08
714	SG_714	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.100	1.06E-07	1.82E-07	Not Modelled	1.97E-09	9.60E-11	1.48E-06	1.04E-08	2.08E-09	2.08E-16	1.04E-09	2.48E-11	1.83E-11	5.09E-11	1.68E-10	9.91E-10	1.58E-11	3.58E-10	1.82E-08	1.68E-09	2.17E-08
715	SG_715	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.100	1.20E-07	2.02E-07	Not Modelled	2.13E-09	1.08E-10	1.61E-06	1.16E-08	2.33E-09	2.33E-16	1.16E-09	2.79E-11	2.05E-11	5.71E-11	1.88E-10	1.11E-09	1.78E-11	4.01E-10	2.04E-08	1.89E-09	2.43E-08
716	SG_716	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.100	1.33E-07	2.19E-07	Not Modelled	2.25E-09	1.18E-10	1.69E-06	1.28E-08	2.55E-09	2.55E-16	1.28E-09	3.06E-11	2.25E-11	6.26E-11	2.06E-10	1.22E-09	1.95E-11	4.40E-10	2.24E-08	2.07E-09	2.67E-08
717	SG_717	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.100	1.47E-07	2.40E-07	Not Modelled	2.41E-09	1.31E-10	1.80E-06	1.41E-08	2.83E-09	2.83E-16	1.42E-09	3.38E-11	2.49E-11	6.94E-11	2.28E-10	1.35E-09	2.16E-11	4.88E-10	2.48E-08	2.30E-09	2.95E-08
718	SG_718	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.100	1.65E-07	2.67E-07	Not Modelled	2.62E-09	1.47E-10	1.91E-06	1.59E-08	3.17E-09	3.17E-16	1.59E-09	3.79E-11	2.79E-11	7.78E-11	2.56E-10	1.51E-09	2.42E-11	5.47E-10	2.78E-08	2.57E-09	3.31E-08
719	SG_719	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.100	1.83E-07	2.93E-07	Not Modelled	2.84E-09	1.63E-10	1.98E-06	1.76E-08	3.52E-09	3.52E-16	1.76E-09	4.21E-11	3.10E-11	8.62E-11	2.84E-10	1.68E-09	2.68E-11	6.06E-10	3.08E-08	2.85E-09	3.67E-08
720	SG_720	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.100	2.07E-07	3.29E-07	Not Modelled	3.19E-09	1.83E-10	2.17E-06	1.98E-08	3.96E-09	3.96E-16	1.98E-09	4.73E-11	3.49E-11	9.70E-11	3.19E-10	1.89E-09	3.02E-11	6.82E-10	3.46E-08	3.21E-09	4.13E-08
721	SG_721	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6369.100	2.33E-07	3.69E-07	Not Modelled	3.64E-09	2.06E-10	2.34E-06	2.23E-08	4.45E-09	4.45E-16	2.23E-09	5.33E-11	3.93E-11	1.09E-10	3.60E-10	2.13E-09	3.40E-11	7.68E-10	3.90E-08	3.61E-09	4.65E-08
722	SG_722	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6369.100	2.76E-07	4.43E-07	Not Modelled	4.53E-09	2.45E-10	2.73E-06	2.65E-08	5.29E-09	5.29E-16	2.65E-09	6.33E-11	4.66E-11	1.30E-10	4.27E-10	2.53E-09	4.04E-11	9.12E-10	4.63E-08	4.29E-09	5.52E-08
723	SG_723	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6369.100	3.40E-07	5.62E-07	Not Modelled	6.11E-09	3.05E-10	3.33E-06	3.30E-08	6.60E-09	6.60E-16	3.30E-09	7.89E-11	5.81E-11	1.62E-10	5.33E-10	3.15E-09	5.04E-11	1.14E-09	5.77E-08	5.35E-09	6.88E-08
724	SG_724	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6369.100	4.29E-07	7.31E-07	Not Modelled	8.59E-09	3.90E-10	4.19E-06	4.21E-08	8.42E-09	8.42E-16	4.21E-09	1.01E-10	7.42E-11	2.07E-10	6.80E-10	4.02E-09	6.43E-11	1.45E-09	7.37E-08	6.83E-09	8.79E-08
725	SG_725	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6369.100	5.14E-07	8.89E-07	Not Modelled	1.14E-08	4.71E-10	4.92E-06	5.09E-08	1.02E-08	1.02E-15	5.09E-09	1.22E-10	8.97E-11	2.50E-10	8.22E-10	4.86E-09	7.77E-11	1.75E-09	8.91E-08	8.25E-09	1.06E-07
726	SG_726	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6369.100	5.76E-07	9.99E-07	Not Modelled	1.38E-08	5.29E-10	5.45E-06	5.72E-08	1.14E-08	1.14E-15	5.72E-09	1.37E-10	1.01E-10	2.81E-10	9.24E-10	5.46E-09	8.74E-11	1.97E-09	1.00E-07	9.28E-09	1.19E-07
727	SG_727	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6369.100	5.84E-07	1.01E-06	Not Modelled	1.49E-08	5.39E-10	5.47E-06	5.82E-08	1.16E-08	1.16E-15	5.82E-09	1.39E-10	1.03E-10	2.85E-10	9.40E-10	5.56E-09	8.89E-11	2.01E-09	1.02E-07	9.44E-09	1.21E-07
728	SG_728	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.100	5.58E-07	9.65E-07	Not Modelled	1.44E-08	5.16E-10	5.19E-06	5.57E-08	1.11E-08	1.11E-15	5.57E-09	1.33E-10	9.82E-11	2.73E-10	9.00E-10	5.32E-09	8.51E-11	1.92E-09	9.76E-08	9.04E-09	1.16E-07
729	SG_729	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.100	4.97E-07	8.59E-07	Not Modelled	1.20E-08	4.59E-10	4.43E-06	4.96E-08	9.92E-09	9.92E-16	4.96E-09	1.19E-10	8.75E-11	2.43E-10	8.01E-10	4.74E-09	7.58E-11	1.71E-09	8.69E-08	8.05E-09	1.04E-07
730	SG_730	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.100	4.34E-07	7.56E-07	Not Modelled	9.74E-09	4.01E-10	3.93E-06	4.34E-08	8.68E-09	8.68E-16	4.34E-09	1.04E-10	7.65E-11	2.13E-10	7.01E-10	4.14E-09	6.63E-11	1.50E-09	7.60E-08	7.04E-09	9.06E-08
731	SG_731	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.100	3.87E-07	6.80E-07	Not Modelled	8.20E-09	3.57E-10	3.55E-06	3.86E-08	7.73E-09	7.73E-16	3.86E-09	9.24E-11	6.81E-11	1.89E-10	6.24E-10	3.69E-09	5.90E-11	1.33E-09	6.76E-08	6.27E-09	8.06E-08
732	SG_732	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.100	3.76E-07	6.75E-07	Not Modelled	7.76E-09	3.48E-10	3.57E-06	3.76E-08	7.52E-09	7.52E-16	3.76E-09	8.99E-11	6.63E-11	1.84E-10	6.07E-10	3.59E-09	5.74E-11	1.30E-09	6.58E-08	6.10E-09	7.84E-08
733	SG_733	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.100	3.68E-07	6.72E-07	Not Modelled	7.55E-09	3.40E-10	3.58E-06	3.68E-08	7.35E-09	7.35E-16	3.68E-09	8.80E-11	6.48E-11	1.80E-10	5.94E-10	3.51E-09	5.61E-11	1.27E-09	6.44E-08	5.97E-09	7.67E-08
734	SG_734	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.100	3.33E-07	6.14E-07	Not Modelled	6.88E-09	3.08E-10	3.26E-06	3.33E-08	6.66E-09	6.66E-16	3.33E-09	7.97E-11	5.87E-11	1.63E-10	5.38E-10	3.18E-09	5.09E-11	1.15E-09	5.83E-08	5.41E-09	6.95E-08
735	SG_735	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.100	2.95E-07	5.46E-07	Not Modelled	6.20E-09	2.73E-10	2.98E-06	2.95E-08	5.89E-09	5.89E-16	2.95E-09	7.05E-11	5.19E-11	1.45E-10	4.76E-10	2.81E-09	4.50E-11	1.02E-09	5.16E-08	4.78E-09	6.15E-08
736	SG_736	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.100	2.55E-07	4.73E-07	Not Modelled	5.44E-09	2.36E-10	2.63E-06	2.55E-08	5.09E-09	5.09E-16	2.55E-09	6.09E-11	4.49E-11	1.25E-10	4.11E-10	2.43E-09	3.89E-11	8.78E-10	4.46E-08	4.13E-09	5.32E-08
737	SG_737	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.100	2.26E-07	4.20E-07	Not Modelled	4.77E-09	2.09E-10	2.32E-06	2.26E-08	4.51E-09	4.51E-16	2.26E-09	5.40E-11	3.98E-11	1.11E-10	3.64E-10	2.15E-09	3.44E-11	7.78E-10	3.95E-08	3.66E-09	4.71E-08
738	SG_738	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.100	2.11E-07	3.94E-07	Not Modelled	4.29E-09	1.95E-10	2.12E-06	2.11E-08	4.22E-09	4.22E-16	2.11E-09	5.05E-11	3.72E-11	1.04E-10	3.41E-10	2.02E-09	3.22E-11	7.28E-10	3.69E-08	3.42E-09	4.40E-08
739	SG_739	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.100	2.01E-07	3.77E-07	Not Modelled	3.90E-09	1.86E-10	1.94E-06	2.01E-08	4.02E-09	4.02E-16	2.01E-09	4.81E-11	3.54E-11	9.85E-11	3.24E-10	1.92E-09	3.07E-11	6.93E-10	3.52E-08	3.26E-09	4.19E-08
740	SG_740	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.100	2.00E-07	3.77E-07	Not Modelled	3.75E-09	1.85E-10	1.90E-06	1.99E-08	3.99E-09	3.99E-16	2.00E-09	4.77E-11	3.52E-11	9.78E-11	3.22E-10	1.90E-09	3.04E-11	6.88E-10	3.49E-08	3.24E-09	4.16E-08
741	SG_741	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.100	1.87E-07	3.55E-07	Not Modelled	3.48E-09	1.73E-10	1.72E-06	1.87E-08	3.74E-09	3.74E-16	1.87E-09	4.48E-11	3.30E-11	9.18E-11	3.02E-10	1.79E-09	2.86E-11	6.46E-10	3.28E-08	3.04E-09	3.91E-08
742	SG_742	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.100	1.70E-07	3.22E-07	Not Modelled	3.17E-09	1.57E-10	1.48E-06	1.70E-08	3.39E-09	3.39E-16	1.70E-09	4.06E-11	2.99E-11	8.32E-11	2.74E-10	1.62E-09	2.59E-11	5.85E-10	2.97E-08	2.75E-09	3.54E-08
743	SG_743	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.100	1.63E-07	3.10E-07	Not Modelled	3.08E-09	1.51E-10	1.40E-06	1.63E-08	3.26E-09	3.26E-16	1.63E-09	3.90E-11	2.88E-11	8.00E-11	2.64E-10	1.56E-09	2.49E-11	5.63E-10	2.86E-08	2.65E-09	3.41E-08
744	SG_744	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.100	1.53E-07	2.91E-07	Not Modelled	2.93E-09	1.41E-10	1.28E-06	1.53E-08	3.05E-09	3.05E-16	1.53E-09	3.65E-11	2.69E-11	7.48E-11	2.46E-10	1.46E-09	2.33E-11	5.26E-10	2.67E-08	2.48E-09	3.18E-08
745	SG_745	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.300	1.18E-07	2.06E-07	Not Modelled	2.08E-09	1.08E-10	1.46E-06	1.16E-08	2.33E-09	2.33E-16	1.16E-09	2.78E-11	2.05E-11	5.70E-11	1.88E-10	1.11E-09	1.78E-11	4.01E-10	2.04E-08	1.89E-09	2.43E-08
746	SG_746	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.300	1.28E-07	2.21E-07	Not Modelled	2.16E-09	1.17E-10	1.46E-06	1.26E-08	2.52E-09	2.52E-16	1.26E-09	3.01E-11	2.22E-11	6.18E-11	2.03E-10	1.20E-09	1.92E-11	4.34E-10	2.20E-08	2.04E-09	2.63E-08
747	SG_747	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.300	1.40E-07	2.38E-07	Not Modelled	2.28E-09	1.27E-10	1.54E-06	1.37E-08	2.74E-09	2.74E-16	1.37E-09	3.28E-11	2.42E-11	6.73E-11	2.22E-10	1.31E-09	2.10E-11	4.73E-10	2.40E-08	2.23E-09	2.86E-08
748	SG_748	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.300	1.52E-07	2.56E-07	Not Modelled	2.41E-09	1.38E-10	1.60E-06	1.49E-08	2.97E-09	2.97E-16	1.49E-09	3.56E-11	2.62E-11	7.29E-11	2.40E-10	1.42E-09	2.27E-11	5.13E-10	2.60E-08	2.41E-09	3.10E-08
749	SG_749	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.300	1.69E-07	2.82E-07	Not Modelled	2.63E-09	1.53E-10	1.74E-06	1.65E-08	3.30E-09	3.30E-16	1.65E-09	3.95E-11	2.91E-11	8.09E-11	2.66E-10	1.57E-09	2.52E-11	5.69E-10	2.89E-08	2.68E-09	3.44E-08
750	SG_750	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.300	1.85E-07	3.05E-07	Not Modelled	2.82E-09	1.66E-10	1.82E-06	1.80E-08	3.60E-09	3.60E-16	1.80E-09	4.30E-11	3.17E-11	8.82E-11	2.90E-10	1.72E-09	2.75E-11	6.20E-10	3.15E-08	2.92E-09	3.75E-08
751	SG_751	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.300	2.06E-07	3.37E-07	Not Modelled	3.15E-09	1.84E-10	2.01E-06	1.99E-08	3.98E-09	3.98E-16	1.99E-09	4.77E-11	3.51E-11	9.77E-11	3.22E-10	1.90E-09	3.04E-11	6.87E-10	3.49E-08	3.23E-09	4.16E-08
752	SG_752	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6369.300	2.31E-07	3.70E-07	Not Modelled	3.58E-09	2.04E-10	2.24E-06	2.20E-08	4.41E-09	4.41E-16	2.20E-09	5.27E-11	3.88E-11	1.08E-10	3.56E-10	2.10E-09	3.36E-11	7.59E-10	3.86E-08	3.57E-09	4.60E-08
753	SG_753	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6369.300	2.68E-07	4.27E-07	Not Modelled	4.40E-09	2.35E-10	2.70E-06	2.54E-08	5.07E-09	5.07E-16	2.54E-09	6.07E-11	4.47E-11	1.24E-10	4.09E-10	2.42E-09	3.87E-11	8.74E-10	4.44E-08	4.11E-09	5.29E-08
754	SG_754	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6369.300	3.18E-07	5.14E-07	Not Modelled	5.72E-09	2.79E-10	3.28E-06	3.02E-08	6.03E-09	6.03E-16	3.02E-09	7.22E-11	5.32E-11	1.48E-10	4.87E-10	2.88E-09	4.61E-11	1.04E-09	5.28E-08	4.90E-09	6.30E-08
755	SG_755	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6369.300	3.77E-07	6.25E-07	Not Modelled	7.54E-09	3.35E-10	3.82E-06	3.62E-08	7.24E-09	7.24E-16	3.62E-09	8.66E-11	6.38E-11	1.78E-10	5.85E-10	3.46E-09	5.53E-11	1.25E-09	6.34E-08	5.87E-09	7.56E-08
756	SG_756	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6369.300	4.37E-07	7.41E-07	Not Modelled	9.63E-09	3.94E-10	4.28E-06	4.26E-08	8.51E-09	8.51E-16	4.26E-09	1.02E-10	7.50E-11	2.09E-10	6.87E-10	4.06E-09	6.50E-11	1.47E-09	7.45E-08	6.90E-09	8.88E-08
757	SG_757	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.300	4.71E-07	8.08E-07	Not Modelled	1.13E-08	4.29E-10	4.45E-06	4.63E-08	9.27E-09	9.27E-16	4.64E-09	1.11E-10	8.17E-11	2.27E-10	7.48E-10	4.42E-09	7.08E-11	1.60E-09	8.11E-08	7.52E-09	9.67E-08
758	SG_758	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6369.300	4.66E-07	8.04E-07	Not Modelled	1.18E-08	4.28E-10	4.29E-06	4.62E-08	9.25E-09	9.25E-16	4.63E-09	1.11E-10	8.15E-11	2.27E-10	7.47E-10	4.42E-09	7.06E-11	1.59E-09	8.10E-08	7.50E-09	9.65E-08
759	SG_759	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.300	4.41E-07	7.62E-07	Not Modelled	1.12E-08	4.06E-10	3.96E-06	4.39E-08	8.78E-09	8.78E-16	4.39E-09	1.05E-10	7.74E-11	2.15E-10	7.09E-10	4.19E-09	6.70E-11	1.51E-09	7.69E-08	7.12E-09	9.16E-08
760	SG_760	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.300	4.00E-07	6.93E-07	Not Modelled	9.60E-09	3.69E-10	3.48E-06	3.99E-08	7.97E-09	7.97E-16	3.99E-09	9.54E-11	7.03E-11	1.96E-10	6.44E-10	3.81E-09	6.09E-11	1.37E-09	6.98E-08	6.47E-09	8.32E-08
761	SG_761	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.300	3.54E-07	6.16E-07	Not Modelled	8.00E-09	3.27E-10	3.11E-06	3.53E-08	7.07E-09	7.07E-16	3.54E-09	8.45E-11	6.23E-11	1.73E-10	5.71E-10	3.37E-09	5.40E-11	1.22E-09	6.19E-08	5.73E-09	7.38E-08
762	SG_762	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.300	3.20E-07	5.62E-07	Not Modelled	6.90E-09	2.96E-10	2.87E-06	3.19E-08	6.39E-09	6.39E-16	3.20E-09	7.64E-11	5.63E-11	1.57E-10	5.16E-10	3.05E-09	4.88E-11	1.10E-09	5.59E-08	5.18E-09	6.67E-08
763	SG_763	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.300	3.05E-07	5.45E-07	Not Modelled	6.40E-09	2.82E-10	2.76E-06	3.05E-08	6.10E-09	6.10E-16	3.05E-09	7.30E-11	5.38E-11	1.50E-10	4.93E-10	2.91E-09	4.66E-11	1.05E-09	5.34E-08	4.95E-09	6.37E-08
764	SG_764	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.300	3.11E-07	5.65E-07	Not Modelled	6.46E-09	2.87E-10	2.92E-06	3.10E-08	6.21E-09	6.21E-16	3.10E-09	7.43E-11	5.47E-11	1.52E-10	5.01E-10	2.96E-09	4.74E-11	1.07E-09	5.43E-08	5.04E-09	6.48E-08
765	SG_765	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.300	3.04E-07	5.61E-07	Not Modelled	6.34E-09	2.81E-10	2.93E-06	3.04E-08	6.08E-09	6.08E-16	3.04E-09	7.27E-11	5.36E-11	1.49E-10	4.91E-10	2.90E-09	4.64E-11	1.05E-09	5.32E-08	4.93E-09	6.34E-08
766	SG_766	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.300	2.79E-07	5.19E-07	Not Modelled	5.85E-09	2.58E-10	2.71E-06	2.79E-08	5.58E-09	5.58E-16	2.79E-09	6.68E-11	4.92E-11	1.37E-10	4.51E-10	2.66E-09	4.26E-11	9.62E-10	4.89E-08	4.53E-09	5.82E-08
767	SG_767	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.300	2.44E-07	4.54E-07	Not Modelled	5.14E-09	2.26E-10	2.36E-06	2.44E-08	4.88E-09	4.88E-16	2.44E-09	5.84E-11	4.30E-11	1.20E-10	3.94E-10	2.33E-09	3.73E-11	8.42E-10	4.27E-08	3.96E-09	5.09E-08
768	SG_768	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.300	2.20E-07	4.10E-07	Not Modelled	4.60E-09	2.03E-10	2.12E-06	2.20E-08	4.40E-09	4.40E-16	2.20E-09	5.26E-11	3.88E-11	1.08E-10	3.55E-10	2.10E-09	3.36E-11	7.58E-10	3.85E-08	3.57E-09	4.59E-08
769	SG_769	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.300	1.97E-07	3.67E-07	Not Modelled	4.05E-09	1.82E-10	1.85E-06	1.97E-08	3.94E-09	3.94E-16	1.97E-09	4.71E-11	3.47E-11	9.65E-11	3.18E-10	1.88E-09	3.01E-11	6.79E-10	3.45E-08	3.19E-09	4.11E-08
770	SG_770	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.300	1.86E-07	3.48E-07	Not Modelled	3.73E-09	1.72E-10	1.74E-06	1.86E-08	3.71E-09	3.71E-16	1.86E-09	4.44E-11	3.27E-11	9.11E-11	3.00E-10	1.77E-09	2.84E-11	6.40E-10	3.25E-08	3.01E-09	3.88E-08
771	SG_771	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.300	1.85E-07	3.49E-07	Not Modelled	3.60E-09	1.71E-10	1.75E-06	1.85E-08	3.69E-09	3.69E-16	1.85E-09	4.42E-11	3.26E-11	9.06E-11	2.98E-10	1.76E-09	2.82E-11	6.37E-10	3.23E-08	3.00E-09	3.85E-08
772	SG_772	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.300	1.77E-07	3.36E-07	Not Modelled	3.39E-09	1.64E-10	1.64E-06	1.77E-08	3.55E-09	3.55E-16	1.77E-09	4.24E-11	3.13E-11	8.70E-11	2.86E-10	1.69E-09	2.71E-11	6.11E-10	3.10E-08	2.88E-09	3.70E-08
773	SG_773	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.300	1.61E-07	3.05E-07	Not Modelled	3.05E-09	1.49E-10	1.40E-06	1.61E-08	3.22E-09	3.22E-16	1.61E-09	3.86E-11	2.84E-11	7.90E-11	2.60E-10	1.54E-09	2.46E-11	5.56E-10	2.82E-08	2.61E-09	3.36E-08
774	SG_774	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.300	1.55E-07	2.94E-07	Not Modelled	2.92E-09	1.43E-10	1.32E-06	1.55E-08	3.09E-09	3.09E-16	1.55E-09	3.70E-11	2.72E-11	7.58E-11	2.50E-10	1.48E-09	2.36E-11	5.33E-10	2.71E-08	2.51E-09	3.23E-08
775	SG_775	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.300	1.60E-07	3.06E-07	Not Modelled	3.03E-09	1.48E-10	1.40E-06	1.60E-08	3.20E-09	3.20E-16	1.60E-09	3.82E-11	2.82E-11	7.84E-11	2.58E-10	1.53E-09	2.44E-11	5.51E-10	2.80E-08	2.59E-09	3.34E-08
776	SG_776	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.500	1.22E-07	2.15E-07	Not Modelled	2.09E-09	1.12E-10	1.37E-06	1.21E-08	2.42E-09	2.42E-16	1.21E-09	2.90E-11	2.13E-11	5.94E-11	1.95E-10	1.16E-09	1.85E-11	4.17E-10	2.12E-08	1.96E-09	2.53E-08
777	SG_777	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.500	1.33E-07	2.32E-07	Not Modelled	2.19E-09	1.22E-10	1.39E-06	1.32E-08	2.63E-09	2.63E-16	1.32E-09	3.15E-11	2.32E-11	6.46E-11	2.13E-10	1.26E-09	2.01E-11	4.54E-10	2.31E-08	2.14E-09	2.75E-08
778	SG_778	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.500	1.42E-07	2.46E-07	Not Modelled	2.27E-09	1.30E-10	1.40E-06	1.41E-08	2.81E-09	2.81E-16	1.41E-09	3.37E-11	2.48E-11	6.90E-11	2.27E-10	1.34E-09	2.15E-11	4.85E-10	2.46E-08	2.28E-09	2.94E-08
779	SG_779	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.500	1.55E-07	2.65E-07	Not Modelled	2.42E-09	1.41E-10	1.48E-06	1.53E-08	3.05E-09	3.05E-16	1.53E-09	3.65E-11	2.69E-11	7.49E-11	2.47E-10	1.46E-09	2.33E-11	5.26E-10	2.67E-08	2.48E-09	3.19E-08
780	SG_780	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.500	1.70E-07	2.91E-07	Not Modelled	2.63E-09	1.56E-10	1.60E-06	1.68E-08	3.36E-09	3.36E-16	1.68E-09	4.02E-11	2.96E-11	8.24E-11	2.71E-10	1.61E-09	2.57E-11	5.79E-10	2.94E-08	2.73E-09	3.51E-08
781	SG_781	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.500	1.88E-07	3.20E-07	Not Modelled	2.89E-09	1.71E-10	1.72E-06	1.85E-08	3.70E-09	3.70E-16	1.85E-09	4.42E-11	3.26E-11	9.07E-11	2.99E-10	1.77E-09	2.82E-11	6.37E-10	3.24E-08	3.00E-09	3.86E-08
782	SG_782	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.500	2.11E-07	3.56E-07	Not Modelled	3.28E-09	1.91E-10	1.95E-06	2.06E-08	4.12E-09	4.12E-16	2.06E-09	4.93E-11	3.63E-11	1.01E-10	3.32E-10	1.97E-09	3.14E-11	7.10E-10	3.60E-08	3.34E-09	4.30E-08
783	SG_783	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6369.500	2.33E-07	3.88E-07	Not Modelled	3.73E-09	2.08E-10	2.20E-06	2.25E-08	4.50E-09	4.50E-16	2.25E-09	5.38E-11	3.97E-11	1.10E-10	3.63E-10	2.15E-09	3.43E-11	7.75E-10	3.94E-08	3.65E-09	4.69E-08
784	SG_784	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6369.500	2.64E-07	4.29E-07	Not Modelled	4.45E-09	2.31E-10	2.62E-06	2.50E-08	5.00E-09	5.00E-16	2.50E-09	5.98E-11	4.41E-11	1.23E-10	4.04E-10	2.39E-09	3.82E-11	8.62E-10	4.38E-08	4.06E-09	5.22E-08
785	SG_785	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6369.500	2.98E-07	4.75E-07	Not Modelled	5.39E-09	2.57E-10	3.09E-06	2.78E-08	5.56E-09	5.56E-16	2.78E-09	6.65E-11	4.90E-11	1.36E-10	4.49E-10	2.66E-09	4.25E-11	9.59E-10	4.87E-08	4.51E-09	5.80E-08
786	SG_786	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6369.500	3.35E-07	5.31E-07	Not Modelled	6.60E-09	2.88E-10	3.52E-06	3.11E-08	6.22E-09	6.22E-16	3.11E-09	7.45E-11	5.49E-11	1.53E-10	5.03E-10	2.97E-09	4.75E-11	1.07E-09	5.45E-08	5.05E-09	6.50E-08
787	SG_787	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6369.500	3.66E-07	5.94E-07	Not Modelled	7.90E-09	3.20E-10	3.70E-06	3.46E-08	6.91E-09	6.91E-16	3.46E-09	8.27E-11	6.09E-11	1.69E-10	5.58E-10	3.30E-09	5.28E-11	1.19E-09	6.05E-08	5.61E-09	7.21E-08
788	SG_788	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.500	3.81E-07	6.38E-07	Not Modelled	8.95E-09	3.41E-10	3.64E-06	3.69E-08	7.37E-09	7.37E-16	3.69E-09	8.82E-11	6.50E-11	1.81E-10	5.95E-10	3.52E-09	5.63E-11	1.27E-09	6.45E-08	5.98E-09	7.69E-08
789	SG_789	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6369.500	3.79E-07	6.49E-07	Not Modelled	9.41E-09	3.45E-10	3.49E-06	3.73E-08	7.46E-09	7.46E-16	3.73E-09	8.93E-11	6.58E-11	1.83E-10	6.02E-10	3.56E-09	5.70E-11	1.29E-09	6.53E-08	6.05E-09	7.79E-08
790	SG_790	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.500	3.57E-07	6.16E-07	Not Modelled	8.89E-09	3.28E-10	3.15E-06	3.54E-08	7.08E-09	7.08E-16	3.54E-09	8.47E-11	6.24E-11	1.74E-10	5.72E-10	3.38E-09	5.41E-11	1.22E-09	6.20E-08	5.75E-09	7.39E-08
791	SG_791	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.500	3.30E-07	5.74E-07	Not Modelled	7.85E-09	3.04E-10	2.86E-06	3.29E-08	6.58E-09	6.58E-16	3.29E-09	7.87E-11	5.80E-11	1.61E-10	5.31E-10	3.14E-09	5.02E-11	1.13E-09	5.76E-08	5.34E-09	6.87E-08
792	SG_792	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.500	2.94E-07	5.14E-07	Not Modelled	6.68E-09	2.72E-10	2.54E-06	2.94E-08	5.87E-09	5.87E-16	2.94E-09	7.03E-11	5.18E-11	1.44E-10	4.74E-10	2.81E-09	4.49E-11	1.01E-09	5.14E-08	4.77E-09	6.13E-08
793	SG_793	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.500	2.69E-07	4.74E-07	Not Modelled	5.89E-09	2.49E-10	2.37E-06	2.69E-08	5.38E-09	5.38E-16	2.69E-09	6.44E-11	4.74E-11	1.32E-10	4.34E-10	2.57E-09	4.11E-11	9.28E-10	4.71E-08	4.36E-09	5.62E-08
794	SG_794	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.500	2.61E-07	4.67E-07	Not Modelled	5.57E-09	2.42E-10	2.35E-06	2.61E-08	5.23E-09	5.23E-16	2.61E-09	6.25E-11	4.61E-11	1.28E-10	4.22E-10	2.49E-09	3.99E-11	9.01E-10	4.57E-08	4.24E-09	5.45E-08
795	SG_795	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.500	2.62E-07	4.74E-07	Not Modelled	5.51E-09	2.42E-10	2.38E-06	2.61E-08	5.23E-09	5.23E-16	2.61E-09	6.25E-11	4.61E-11	1.28E-10	4.22E-10	2.50E-09	3.99E-11	9.01E-10	4.58E-08	4.24E-09	5.45E-08
796	SG_796	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.500	2.74E-07	5.06E-07	Not Modelled	5.76E-09	2.53E-10	2.60E-06	2.74E-08	5.47E-09	5.47E-16	2.74E-09	6.55E-11	4.82E-11	1.34E-10	4.42E-10	2.61E-09	4.18E-11	9.44E-10	4.79E-08	4.44E-09	5.71E-08
797	SG_797	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.500	2.59E-07	4.82E-07	Not Modelled	5.44E-09	2.40E-10	2.44E-06	2.59E-08	5.18E-09	5.18E-16	2.59E-09	6.19E-11	4.56E-11	1.27E-10	4.18E-10	2.47E-09	3.95E-11	8.92E-10	4.53E-08	4.20E-09	5.40E-08

AQIA DATA - SCENARIO 2 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**3.08E-06**	**5.69E-06**	**0.00E+00**	**3.69E-07**	**2.85E-09**	**1.88E-04**	**3.08E-07**	**6.16E-08**	**6.16E-15**	**3.08E-08**	**7.37E-10**	**5.43E-10**	**1.51E-09**	**4.98E-09**	**2.94E-08**	**4.71E-10**	**1.06E-08**	**5.40E-07**	**5.00E-08**	**6.43E-07**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
798	SG_798	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.500	2.33E-07	4.34E-07	Not Modelled	4.89E-09	2.16E-10	2.16E-06	2.33E-08	4.66E-09	4.66E-16	2.33E-09	5.57E-11	4.11E-11	1.14E-10	3.76E-10	2.22E-09	3.56E-11	8.03E-10	4.08E-08	3.78E-09	4.86E-08
799	SG_799	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.500	2.09E-07	3.90E-07	Not Modelled	4.36E-09	1.93E-10	1.91E-06	2.09E-08	4.17E-09	4.17E-16	2.09E-09	4.99E-11	3.68E-11	1.02E-10	3.37E-10	1.99E-09	3.19E-11	7.20E-10	3.65E-08	3.39E-09	4.36E-08
800	SG_800	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.500	1.95E-07	3.65E-07	Not Modelled	4.03E-09	1.80E-10	1.80E-06	1.95E-08	3.90E-09	3.90E-16	1.95E-09	4.66E-11	3.44E-11	9.56E-11	3.15E-10	1.86E-09	2.98E-11	6.72E-10	3.41E-08	3.16E-09	4.07E-08
801	SG_801	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.500	1.81E-07	3.40E-07	Not Modelled	3.70E-09	1.67E-10	1.67E-06	1.81E-08	3.62E-09	3.62E-16	1.81E-09	4.33E-11	3.19E-11	8.87E-11	2.92E-10	1.73E-09	2.76E-11	6.24E-10	3.17E-08	2.94E-09	3.78E-08
802	SG_802	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.500	1.73E-07	3.26E-07	Not Modelled	3.49E-09	1.60E-10	1.60E-06	1.73E-08	3.45E-09	3.45E-16	1.73E-09	4.13E-11	3.04E-11	8.47E-11	2.79E-10	1.65E-09	2.64E-11	5.95E-10	3.02E-08	2.80E-09	3.60E-08
803	SG_803	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.500	1.66E-07	3.15E-07	Not Modelled	3.29E-09	1.54E-10	1.54E-06	1.66E-08	3.32E-09	3.32E-16	1.66E-09	3.98E-11	2.93E-11	8.15E-11	2.68E-10	1.59E-09	2.54E-11	5.73E-10	2.91E-08	2.70E-09	3.47E-08
804	SG_804	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.500	1.53E-07	2.89E-07	Not Modelled	2.98E-09	1.41E-10	1.34E-06	1.53E-08	3.05E-09	3.05E-16	1.53E-09	3.65E-11	2.69E-11	7.48E-11	2.46E-10	1.46E-09	2.33E-11	5.26E-10	2.67E-08	2.48E-09	3.19E-08
805	SG_805	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.500	1.48E-07	2.81E-07	Not Modelled	2.85E-09	1.37E-10	1.28E-06	1.48E-08	2.96E-09	2.96E-16	1.48E-09	3.54E-11	2.61E-11	7.26E-11	2.39E-10	1.41E-09	2.26E-11	5.10E-10	2.59E-08	2.40E-09	3.09E-08
806	SG_806	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.500	1.48E-07	2.82E-07	Not Modelled	2.82E-09	1.37E-10	1.27E-06	1.48E-08	2.95E-09	2.95E-16	1.48E-09	3.53E-11	2.60E-11	7.24E-11	2.38E-10	1.41E-09	2.25E-11	5.09E-10	2.58E-08	2.39E-09	3.08E-08
807	SG_807	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.700	1.23E-07	2.18E-07	Not Modelled	2.07E-09	1.13E-10	1.31E-06	1.23E-08	2.45E-09	2.45E-16	1.23E-09	2.93E-11	2.16E-11	6.01E-11	1.98E-10	1.17E-09	1.87E-11	4.23E-10	2.15E-08	1.99E-09	2.56E-08
808	SG_808	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.700	1.30E-07	2.29E-07	Not Modelled	2.11E-09	1.20E-10	1.25E-06	1.30E-08	2.59E-09	2.59E-16	1.30E-09	3.10E-11	2.29E-11	6.36E-11	2.09E-10	1.24E-09	1.98E-11	4.47E-10	2.27E-08	2.10E-09	2.71E-08
809	SG_809	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.700	1.41E-07	2.45E-07	Not Modelled	2.22E-09	1.29E-10	1.28E-06	1.40E-08	2.80E-09	2.80E-16	1.40E-09	3.34E-11	2.46E-11	6.86E-11	2.26E-10	1.33E-09	2.13E-11	4.82E-10	2.45E-08	2.27E-09	2.92E-08
810	SG_810	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.700	1.52E-07	2.63E-07	Not Modelled	2.36E-09	1.40E-10	1.34E-06	1.51E-08	3.02E-09	3.02E-16	1.51E-09	3.61E-11	2.66E-11	7.40E-11	2.44E-10	1.44E-09	2.30E-11	5.20E-10	2.64E-08	2.45E-09	3.15E-08
811	SG_811	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.700	1.66E-07	2.87E-07	Not Modelled	2.56E-09	1.52E-10	1.42E-06	1.65E-08	3.29E-09	3.29E-16	1.65E-09	3.94E-11	2.90E-11	8.07E-11	2.66E-10	1.57E-09	2.51E-11	5.67E-10	2.88E-08	2.67E-09	3.44E-08
812	SG_812	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.700	1.87E-07	3.24E-07	Not Modelled	2.92E-09	1.71E-10	1.63E-06	1.85E-08	3.70E-09	3.70E-16	1.85E-09	4.43E-11	3.26E-11	9.08E-11	2.99E-10	1.77E-09	2.83E-11	6.38E-10	3.24E-08	3.00E-09	3.86E-08
813	SG_813	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.700	2.09E-07	3.61E-07	Not Modelled	3.34E-09	1.90E-10	1.85E-06	2.05E-08	4.10E-09	4.10E-16	2.05E-09	4.91E-11	3.62E-11	1.01E-10	3.31E-10	1.96E-09	3.13E-11	7.07E-10	3.59E-08	3.33E-09	4.28E-08
814	SG_814	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6369.700	2.34E-07	4.00E-07	Not Modelled	3.90E-09	2.10E-10	2.16E-06	2.27E-08	4.55E-09	4.55E-16	2.28E-09	5.44E-11	4.01E-11	1.12E-10	3.67E-10	2.17E-09	3.47E-11	7.84E-10	3.98E-08	3.69E-09	4.75E-08
815	SG_815	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6369.700	2.58E-07	4.31E-07	Not Modelled	4.51E-09	2.28E-10	2.49E-06	2.46E-08	4.92E-09	4.92E-16	2.46E-09	5.89E-11	4.34E-11	1.21E-10	3.98E-10	2.35E-09	3.76E-11	8.49E-10	4.31E-08	4.00E-09	5.14E-08
816	SG_816	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6369.700	2.80E-07	4.50E-07	Not Modelled	5.17E-09	2.41E-10	2.83E-06	2.61E-08	5.22E-09	5.22E-16	2.61E-09	6.24E-11	4.60E-11	1.28E-10	4.21E-10	2.49E-09	3.98E-11	8.99E-10	4.57E-08	4.23E-09	5.44E-08
817	SG_817	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6369.700	3.03E-07	4.67E-07	Not Modelled	5.94E-09	2.55E-10	3.22E-06	2.75E-08	5.51E-09	5.51E-16	2.75E-09	6.59E-11	4.85E-11	1.35E-10	4.45E-10	2.63E-09	4.20E-11	9.49E-10	4.82E-08	4.47E-09	5.75E-08
818	SG_818	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6369.700	3.12E-07	4.80E-07	Not Modelled	6.59E-09	2.63E-10	3.24E-06	2.84E-08	5.69E-09	5.69E-16	2.84E-09	6.80E-11	5.01E-11	1.39E-10	4.59E-10	2.72E-09	4.34E-11	9.80E-10	4.98E-08	4.61E-09	5.93E-08
819	SG_819	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.700	3.15E-07	5.10E-07	Not Modelled	7.24E-09	2.76E-10	3.08E-06	2.98E-08	5.96E-09	5.96E-16	2.98E-09	7.13E-11	5.25E-11	1.46E-10	4.81E-10	2.84E-09	4.55E-11	1.03E-09	5.22E-08	4.83E-09	6.22E-08
820	SG_820	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6369.700	3.12E-07	5.29E-07	Not Modelled	7.57E-09	2.82E-10	2.90E-06	3.04E-08	6.09E-09	6.09E-16	3.05E-09	7.28E-11	5.37E-11	1.49E-10	4.92E-10	2.91E-09	4.65E-11	1.05E-09	5.33E-08	4.94E-09	6.35E-08
821	SG_821	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.700	2.94E-07	5.07E-07	Not Modelled	7.18E-09	2.69E-10	2.57E-06	2.91E-08	5.82E-09	5.82E-16	2.91E-09	6.97E-11	5.13E-11	1.43E-10	4.70E-10	2.78E-09	4.45E-11	1.00E-09	5.10E-08	4.72E-09	6.08E-08
822	SG_822	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.700	2.71E-07	4.70E-07	Not Modelled	6.37E-09	2.49E-10	2.27E-06	2.69E-08	5.39E-09	5.39E-16	2.69E-09	6.44E-11	4.75E-11	1.32E-10	4.35E-10	2.57E-09	4.11E-11	9.28E-10	4.71E-08	4.37E-09	5.62E-08
823	SG_823	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.700	2.49E-07	4.35E-07	Not Modelled	5.65E-09	2.30E-10	2.12E-06	2.48E-08	4.97E-09	4.97E-16	2.48E-09	5.94E-11	4.38E-11	1.22E-10	4.01E-10	2.37E-09	3.79E-11	8.56E-10	4.35E-08	4.03E-09	5.18E-08
824	SG_824	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.700	2.33E-07	4.10E-07	Not Modelled	5.15E-09	2.15E-10	2.05E-06	2.32E-08	4.64E-09	4.64E-16	2.32E-09	5.56E-11	4.09E-11	1.14E-10	3.75E-10	2.22E-09	3.55E-11	8.01E-10	4.07E-08	3.77E-09	4.85E-08
825	SG_825	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.700	2.21E-07	3.94E-07	Not Modelled	4.79E-09	2.05E-10	1.93E-06	2.21E-08	4.42E-09	4.42E-16	2.21E-09	5.29E-11	3.90E-11	1.09E-10	3.57E-10	2.11E-09	3.38E-11	7.63E-10	3.87E-08	3.59E-09	4.62E-08
826	SG_826	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.700	2.22E-07	4.00E-07	Not Modelled	4.73E-09	2.05E-10	1.94E-06	2.21E-08	4.43E-09	4.43E-16	2.21E-09	5.30E-11	3.90E-11	1.09E-10	3.58E-10	2.11E-09	3.38E-11	7.63E-10	3.88E-08	3.59E-09	4.62E-08
827	SG_827	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.700	2.31E-07	4.24E-07	Not Modelled	4.91E-09	2.14E-10	2.09E-06	2.31E-08	4.62E-09	4.62E-16	2.31E-09	5.52E-11	4.07E-11	1.13E-10	3.73E-10	2.20E-09	3.52E-11	7.96E-10	4.04E-08	3.75E-09	4.82E-08
828	SG_828	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.700	2.32E-07	4.30E-07	Not Modelled	4.91E-09	2.14E-10	2.12E-06	2.32E-08	4.63E-09	4.63E-16	2.32E-09	5.54E-11	4.08E-11	1.14E-10	3.74E-10	2.21E-09	3.54E-11	7.99E-10	4.06E-08	3.76E-09	4.84E-08
829	SG_829	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.700	2.21E-07	4.14E-07	Not Modelled	4.68E-09	2.05E-10	2.02E-06	2.21E-08	4.43E-09	4.43E-16	2.21E-09	5.30E-11	3.90E-11	1.09E-10	3.57E-10	2.11E-09	3.38E-11	7.63E-10	3.88E-08	3.59E-09	4.62E-08
830	SG_830	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.700	2.03E-07	3.79E-07	Not Modelled	4.26E-09	1.87E-10	1.82E-06	2.03E-08	4.05E-09	4.05E-16	2.03E-09	4.85E-11	3.57E-11	9.94E-11	3.27E-10	1.93E-09	3.09E-11	6.99E-10	3.55E-08	3.29E-09	4.23E-08
831	SG_831	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.700	1.86E-07	3.49E-07	Not Modelled	3.88E-09	1.72E-10	1.66E-06	1.86E-08	3.72E-09	3.72E-16	1.86E-09	4.45E-11	3.28E-11	9.12E-11	3.00E-10	1.78E-09	2.84E-11	6.41E-10	3.26E-08	3.02E-09	3.88E-08
832	SG_832	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.700	1.69E-07	3.16E-07	Not Modelled	3.51E-09	1.56E-10	1.48E-06	1.69E-08	3.38E-09	3.38E-16	1.69E-09	4.04E-11	2.98E-11	8.28E-11	2.73E-10	1.61E-09	2.58E-11	5.82E-10	2.96E-08	2.74E-09	3.52E-08
833	SG_833	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.700	1.61E-07	3.02E-07	Not Modelled	3.31E-09	1.49E-10	1.43E-06	1.60E-08	3.21E-09	3.21E-16	1.61E-09	3.84E-11	2.83E-11	7.87E-11	2.59E-10	1.53E-09	2.45E-11	5.53E-10	2.81E-08	2.60E-09	3.35E-08
834	SG_834	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.700	1.51E-07	2.84E-07	Not Modelled	3.09E-09	1.40E-10	1.33E-06	1.51E-08	3.02E-09	3.02E-16	1.51E-09	3.61E-11	2.66E-11	7.40E-11	2.44E-10	1.44E-09	2.30E-11	5.20E-10	2.64E-08	2.45E-09	3.15E-08
835	SG_835	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.700	1.41E-07	2.65E-07	Not Modelled	2.84E-09	1.30E-10	1.21E-06	1.41E-08	2.81E-09	2.81E-16	1.41E-09	3.36E-11	2.48E-11	6.89E-11	2.27E-10	1.34E-09	2.15E-11	4.84E-10	2.46E-08	2.28E-09	2.93E-08
836	SG_836	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.700	1.34E-07	2.54E-07	Not Modelled	2.68E-09	1.24E-10	1.13E-06	1.34E-08	2.69E-09	2.69E-16	1.34E-09	3.21E-11	2.37E-11	6.59E-11	2.17E-10	1.28E-09	2.05E-11	4.63E-10	2.35E-08	2.18E-09	2.80E-08
837	SG_837	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.700	1.34E-07	2.55E-07	Not Modelled	2.64E-09	1.24E-10	1.13E-06	1.34E-08	2.69E-09	2.69E-16	1.34E-09	3.21E-11	2.37E-11	6.59E-11	2.17E-10	1.28E-09	2.05E-11	4.63E-10	2.35E-08	2.18E-09	2.80E-08
838	SG_838	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6369.900	1.18E-07	2.09E-07	Not Modelled	1.95E-09	1.09E-10	1.15E-06	1.17E-08	2.35E-09	2.35E-16	1.18E-09	2.81E-11	2.07E-11	5.76E-11	1.90E-10	1.12E-09	1.79E-11	4.05E-10	2.06E-08	1.91E-09	2.45E-08
839	SG_839	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6369.900	1.29E-07	2.27E-07	Not Modelled	2.07E-09	1.19E-10	1.18E-06	1.29E-08	2.57E-09	2.57E-16	1.29E-09	3.07E-11	2.27E-11	6.30E-11	2.08E-10	1.23E-09	1.96E-11	4.43E-10	2.25E-08	2.08E-09	2.68E-08
840	SG_840	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6369.900	1.37E-07	2.40E-07	Not Modelled	2.15E-09	1.27E-10	1.18E-06	1.37E-08	2.74E-09	2.74E-16	1.37E-09	3.27E-11	2.41E-11	6.71E-11	2.21E-10	1.31E-09	2.09E-11	4.71E-10	2.39E-08	2.22E-09	2.85E-08
841	SG_841	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6369.900	1.51E-07	2.63E-07	Not Modelled	2.34E-09	1.38E-10	1.27E-06	1.50E-08	2.99E-09	2.99E-16	1.50E-09	3.58E-11	2.64E-11	7.34E-11	2.42E-10	1.43E-09	2.29E-11	5.16E-10	2.62E-08	2.43E-09	3.12E-08
842	SG_842	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6369.900	1.66E-07	2.90E-07	Not Modelled	2.58E-09	1.52E-10	1.39E-06	1.65E-08	3.29E-09	3.29E-16	1.65E-09	3.94E-11	2.90E-11	8.07E-11	2.66E-10	1.57E-09	2.51E-11	5.67E-10	2.88E-08	2.67E-09	3.44E-08
843	SG_843	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6369.900	1.87E-07	3.27E-07	Not Modelled	2.98E-09	1.71E-10	1.62E-06	1.85E-08	3.69E-09	3.69E-16	1.85E-09	4.42E-11	3.25E-11	9.06E-11	2.98E-10	1.76E-09	2.82E-11	6.37E-10	3.23E-08	3.00E-09	3.85E-08
844	SG_844	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6369.900	2.02E-07	3.53E-07	Not Modelled	3.34E-09	1.84E-10	1.77E-06	1.99E-08	3.98E-09	3.98E-16	1.99E-09	4.76E-11	3.51E-11	9.76E-11	3.21E-10	1.90E-09	3.04E-11	6.86E-10	3.48E-08	3.23E-09	4.15E-08
845	SG_845	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6369.900	2.26E-07	3.93E-07	Not Modelled	3.93E-09	2.04E-10	2.07E-06	2.21E-08	4.41E-09	4.41E-16	2.21E-09	5.28E-11	3.89E-11	1.08E-10	3.56E-10	2.11E-09	3.37E-11	7.61E-10	3.86E-08	3.58E-09	4.61E-08
846	SG_846	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6369.900	2.48E-07	4.21E-07	Not Modelled	4.50E-09	2.20E-10	2.37E-06	2.38E-08	4.75E-09	4.75E-16	2.38E-09	5.68E-11	4.19E-11	1.17E-10	3.84E-10	2.27E-09	3.63E-11	8.19E-10	4.16E-08	3.85E-09	4.96E-08
847	SG_847	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6369.900	2.63E-07	4.25E-07	Not Modelled	4.95E-09	2.26E-10	2.62E-06	2.44E-08	4.89E-09	4.89E-16	2.44E-09	5.85E-11	4.31E-11	1.20E-10	3.95E-10	2.33E-09	3.73E-11	8.42E-10	4.28E-08	3.96E-09	5.10E-08
848	SG_848	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6369.900	2.71E-07	4.13E-07	Not Modelled	5.33E-09	2.25E-10	2.82E-06	2.43E-08	4.87E-09	4.87E-16	2.43E-09	5.82E-11	4.29E-11	1.19E-10	3.93E-10	2.32E-09	3.72E-11	8.39E-10	4.26E-08	3.95E-09	5.08E-08
849	SG_849	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6369.900	2.70E-07	4.05E-07	Not Modelled	5.67E-09	2.24E-10	2.83E-06	2.42E-08	4.83E-09	4.83E-16	2.42E-09	5.78E-11	4.26E-11	1.19E-10	3.90E-10	2.31E-09	3.69E-11	8.33E-10	4.23E-08	3.92E-09	5.05E-08
850	SG_850	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.900	2.66E-07	4.21E-07	Not Modelled	6.02E-09	2.29E-10	2.63E-06	2.47E-08	4.94E-09	4.94E-16	2.47E-09	5.91E-11	4.36E-11	1.21E-10	3.99E-10	2.36E-09	3.77E-11	8.52E-10	4.33E-08	4.01E-09	5.16E-08
851	SG_851	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6369.900	2.62E-07	4.40E-07	Not Modelled	6.24E-09	2.35E-10	2.44E-06	2.53E-08	5.07E-09	5.07E-16	2.54E-09	6.06E-11	4.47E-11	1.24E-10	4.09E-10	2.42E-09	3.87E-11	8.74E-10	4.44E-08	4.11E-09	5.29E-08
852	SG_852	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.900	2.47E-07	4.25E-07	Not Modelled	5.91E-09	2.25E-10	2.13E-06	2.43E-08	4.87E-09	4.87E-16	2.43E-09	5.82E-11	4.29E-11	1.19E-10	3.93E-10	2.32E-09	3.72E-11	8.39E-10	4.26E-08	3.95E-09	5.08E-08
853	SG_853	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.900	2.29E-07	3.98E-07	Not Modelled	5.33E-09	2.10E-10	1.89E-06	2.27E-08	4.55E-09	4.55E-16	2.28E-09	5.44E-11	4.01E-11	1.12E-10	3.67E-10	2.17E-09	3.47E-11	7.84E-10	3.98E-08	3.69E-09	4.75E-08
854	SG_854	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.900	2.19E-07	3.84E-07	Not Modelled	4.96E-09	2.02E-10	1.90E-06	2.18E-08	4.36E-09	4.36E-16	2.18E-09	5.21E-11	3.84E-11	1.07E-10	3.52E-10	2.08E-09	3.33E-11	7.51E-10	3.82E-08	3.54E-09	4.55E-08
855	SG_855	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.900	2.07E-07	3.67E-07	Not Modelled	4.62E-09	1.91E-10	1.86E-06	2.07E-08	4.13E-09	4.13E-16	2.07E-09	4.94E-11	3.64E-11	1.01E-10	3.34E-10	1.97E-09	3.15E-11	7.12E-10	3.62E-08	3.35E-09	4.31E-08
856	SG_856	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.900	1.96E-07	3.50E-07	Not Modelled	4.30E-09	1.82E-10	1.72E-06	1.96E-08	3.92E-09	3.92E-16	1.96E-09	4.69E-11	3.46E-11	9.62E-11	3.17E-10	1.87E-09	3.00E-11	6.76E-10	3.43E-08	3.18E-09	4.09E-08
857	SG_857	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.900	1.95E-07	3.51E-07	Not Modelled	4.21E-09	1.80E-10	1.69E-06	1.95E-08	3.90E-09	3.90E-16	1.95E-09	4.66E-11	3.43E-11	9.55E-11	3.15E-10	1.86E-09	2.97E-11	6.72E-10	3.41E-08	3.16E-09	4.07E-08
858	SG_858	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.900	2.03E-07	3.72E-07	Not Modelled	4.36E-09	1.88E-10	1.80E-06	2.03E-08	4.06E-09	4.06E-16	2.03E-09	4.85E-11	3.58E-11	9.95E-11	3.28E-10	1.94E-09	3.10E-11	7.00E-10	3.55E-08	3.29E-09	4.24E-08
859	SG_859	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.900	2.08E-07	3.84E-07	Not Modelled	4.44E-09	1.92E-10	1.85E-06	2.07E-08	4.15E-09	4.15E-16	2.07E-09	4.96E-11	3.66E-11	1.02E-10	3.35E-10	1.98E-09	3.17E-11	7.15E-10	3.63E-08	3.36E-09	4.33E-08
860	SG_860	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.900	2.02E-07	3.77E-07	Not Modelled	4.32E-09	1.87E-10	1.79E-06	2.02E-08	4.04E-09	4.04E-16	2.02E-09	4.84E-11	3.56E-11	9.92E-11	3.26E-10	1.93E-09	3.09E-11	6.97E-10	3.54E-08	3.28E-09	4.22E-08
861	SG_861	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.900	1.91E-07	3.57E-07	Not Modelled	4.05E-09	1.76E-10	1.67E-06	1.91E-08	3.81E-09	3.81E-16	1.91E-09	4.56E-11	3.36E-11	9.35E-11	3.08E-10	1.82E-09	2.91E-11	6.58E-10	3.34E-08	3.09E-09	3.98E-08
862	SG_862	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.900	1.76E-07	3.30E-07	Not Modelled	3.72E-09	1.63E-10	1.52E-06	1.76E-08	3.52E-09	3.52E-16	1.76E-09	4.21E-11	3.10E-11	8.63E-11	2.84E-10	1.68E-09	2.69E-11	6.06E-10	3.08E-08	2.85E-09	3.67E-08
863	SG_863	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.900	1.63E-07	3.05E-07	Not Modelled	3.42E-09	1.51E-10	1.40E-06	1.63E-08	3.25E-09	3.25E-16	1.63E-09	3.89E-11	2.87E-11	7.98E-11	2.63E-10	1.55E-09	2.48E-11	5.61E-10	2.85E-08	2.64E-09	3.40E-08
864	SG_864	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.900	1.52E-07	2.86E-07	Not Modelled	3.19E-09	1.41E-10	1.31E-06	1.52E-08	3.04E-09	3.04E-16	1.52E-09	3.64E-11	2.68E-11	7.47E-11	2.46E-10	1.45E-09	2.32E-11	5.25E-10	2.67E-08	2.47E-09	3.18E-08
865	SG_865	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.900	1.41E-07	2.64E-07	Not Modelled	2.94E-09	1.30E-10	1.19E-06	1.40E-08	2.81E-09	2.81E-16	1.40E-09	3.36E-11	2.48E-11	6.89E-11	2.27E-10	1.34E-09	2.14E-11	4.84E-10	2.46E-08	2.28E-09	2.93E-08
866	SG_866	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.900	1.31E-07	2.47E-07	Not Modelled	2.73E-09	1.21E-10	1.10E-06	1.31E-08	2.62E-09	2.62E-16	1.31E-09	3.14E-11	2.31E-11	6.43E-11	2.12E-10	1.25E-09	2.00E-11	4.52E-10	2.30E-08	2.13E-09	2.74E-08
867	SG_867	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.900	1.26E-07	2.38E-07	Not Modelled	2.60E-09	1.17E-10	1.05E-06	1.26E-08	2.52E-09	2.52E-16	1.26E-09	3.02E-11	2.22E-11	6.18E-11	2.04E-10	1.20E-09	1.92E-11	4.34E-10	2.21E-08	2.04E-09	2.63E-08
868	SG_868	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.900	1.20E-07	2.27E-07	Not Modelled	2.44E-09	1.11E-10	9.76E-07	1.20E-08	2.40E-09	2.40E-16	1.20E-09	2.87E-11	2.11E-11	5.88E-11	1.94E-10	1.14E-09	1.83E-11	4.13E-10	2.10E-08	1.95E-09	2.50E-08
869	SG_869	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6370.100	1.15E-07	2.04E-07	Not Modelled	1.89E-09	1.06E-10	1.06E-06	1.15E-08	2.29E-09	2.29E-16	1.15E-09	2.74E-11	2.02E-11	5.62E-11	1.85E-10	1.10E-09	1.75E-11	3.95E-10	2.01E-08	1.86E-09	2.39E-08
870	SG_870	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6370.100	1.25E-07	2.21E-07	Not Modelled	2.00E-09	1.16E-10	1.08E-06	1.25E-08	2.50E-09	2.50E-16	1.25E-09	2.99E-11	2.20E-11	6.13E-11	2.02E-10	1.19E-09	1.91E-11	4.31E-10	2.19E-08	2.03E-09	2.61E-08
871	SG_871	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6370.100	1.37E-07	2.41E-07	Not Modelled	2.14E-09	1.26E-10	1.14E-06	1.36E-08	2.72E-09	2.72E-16	1.36E-09	3.25E-11	2.40E-11	6.67E-11	2.20E-10	1.30E-09	2.08E-11	4.69E-10	2.38E-08	2.21E-09	2.84E-08
872	SG_872	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6370.100	1.49E-07	2.62E-07	Not Modelled	2.33E-09	1.37E-10	1.23E-06	1.48E-08	2.96E-09	2.96E-16	1.48E-09	3.54E-11	2.61E-11	7.26E-11	2.39E-10	1.41E-09	2.26E-11	5.10E-10	2.59E-08	2.40E-09	3.09E-08
873	SG_873	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6370.100	1.64E-07	2.87E-07	Not Modelled	2.59E-09	1.50E-10	1.37E-06	1.62E-08	3.24E-09	3.24E-16	1.62E-09	3.87E-11	2.85E-11	7.94E-11	2.61E-10	1.55E-09	2.47E-11	5.58E-10	2.83E-08	2.63E-09	3.38E-08
874	SG_874	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6370.100	1.79E-07	3.14E-07	Not Modelled	2.92E-09	1.63E-10	1.54E-06	1.76E-08	3.53E-09	3.53E-16	1.76E-09	4.22E-11	3.11E-11	8.65E-11	2.85E-10	1.68E-09	2.69E-11	6.08E-10	3.09E-08	2.86E-09	3.68E-08
875	SG_875	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6370.100	1.96E-07	3.42E-07	Not Modelled	3.34E-09	1.77E-10	1.74E-06	1.92E-08	3.83E-09	3.83E-16	1.92E-09	4.59E-11	3.38E-11	9.40E-11	3.09E-10	1.83E-09	2.93E-11	6.61E-10	3.36E-08	3.11E-09	4.00E-08
876	SG_876	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6370.100	2.16E-07	3.76E-07	Not Modelled	3.87E-09	1.94E-10	2.01E-06	2.10E-08	4.20E-09	4.20E-16	2.10E-09	5.03E-11	3.70E-11	1.03E-10	3.39E-10	2.01E-09	3.21E-11	7.24E-10	3.68E-08	3.41E-09	4.39E-08
877	SG_877	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6370.100	2.33E-07	3.95E-07	Not Modelled	4.35E-09	2.06E-10	2.24E-06	2.22E-08	4.45E-09	4.45E-16	2.22E-09	5.32E-11	3.92E-11	1.09E-10	3.59E-10	2.12E-09	3.39E-11	7.66E-10	3.89E-08	3.61E-09	4.64E-08
878	SG_878	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6370.100	2.43E-07	3.94E-07	Not Modelled	4.70E-09	2.09E-10	2.45E-06	2.25E-08	4.51E-09	4.51E-16	2.25E-09	5.39E-11	3.97E-11	1.11E-10	3.64E-10	2.15E-09	3.44E-11	7.77E-10	3.95E-08	3.66E-09	4.70E-08
879	SG_879	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6370.100	2.43E-07	3.69E-07	Not Modelled	4.86E-09	2.01E-10	2.51E-06	2.17E-08	4.34E-09	4.34E-16	2.17E-09	5.20E-11	3.83E-11	1.07E-10	3.51E-10	2.07E-09	3.32E-11	7.49E-10	3.80E-08	3.52E-09	4.53E-08
880	SG_880	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6370.100	2.36E-07	3.54E-07	Not Modelled	5.00E-09	1.95E-10	2.43E-06	2.11E-08	4.22E-09	4.22E-16	2.11E-09	5.04E-11	3.72E-11	1.03E-10	3.40E-10	2.01E-09	3.22E-11	7.27E-10	3.69E-08	3.42E-09	4.40E-08
881	SG_881	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6370.100	2.34E-07	3.70E-07	Not Modelled	5.27E-09	2.00E-10	2.32E-06	2.17E-08	4.33E-09	4.33E-16	2.17E-09	5.18E-11	3.82E-11	1.06E-10	3.50E-10	2.07E-09	3.31E-11	7.47E-10	3.79E-08	3.51E-09	4.52E-08
882	SG_882	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6370.100	2.26E-07	3.79E-07	Not Modelled	5.31E-09	2.01E-10	2.08E-06	2.18E-08	4.35E-09	4.35E-16	2.18E-09	5.21E-11	3.84E-11	1.07E-10	3.51E-10	2.08E-09	3.32E-11	7.50E-10	3.81E-08	3.53E-09	4.54E-08

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 2 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**3.08E-06**	**5.69E-06**	**0.00E+00**	**3.69E-07**	**2.85E-09**	**1.88E-04**	**3.08E-07**	**6.16E-08**	**6.16E-15**	**3.08E-08**	**7.37E-10**	**5.43E-10**	**1.51E-09**	**4.98E-09**	**2.94E-08**	**4.71E-10**	**1.06E-08**	**5.40E-07**	**5.00E-08**	**6.43E-07**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
883	SG_883	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6370.100	2.12E-07	3.65E-07	Not Modelled	5.01E-09	1.93E-10	1.81E-06	2.08E-08	4.17E-09	4.17E-16	2.08E-09	4.99E-11	3.67E-11	1.02E-10	3.36E-10	1.99E-09	3.18E-11	7.18E-10	3.65E-08	3.38E-09	4.35E-08
884	SG_884	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6370.100	1.95E-07	3.39E-07	Not Modelled	4.51E-09	1.79E-10	1.58E-06	1.94E-08	3.87E-09	3.87E-16	1.94E-09	4.63E-11	3.41E-11	9.50E-11	3.13E-10	1.85E-09	2.96E-11	6.68E-10	3.39E-08	3.14E-09	4.04E-08
885	SG_885	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6370.100	1.83E-07	3.20E-07	Not Modelled	4.15E-09	1.69E-10	1.49E-06	1.82E-08	3.65E-09	3.65E-16	1.82E-09	4.36E-11	3.21E-11	8.94E-11	2.94E-10	1.74E-09	2.78E-11	6.29E-10	3.19E-08	2.96E-09	3.81E-08
886	SG_886	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6370.100	1.76E-07	3.11E-07	Not Modelled	3.96E-09	1.63E-10	1.49E-06	1.76E-08	3.51E-09	3.51E-16	1.76E-09	4.20E-11	3.10E-11	8.62E-11	2.84E-10	1.68E-09	2.68E-11	6.06E-10	3.08E-08	2.85E-09	3.67E-08
887	SG_887	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6370.100	1.72E-07	3.07E-07	Not Modelled	3.82E-09	1.59E-10	1.48E-06	1.72E-08	3.44E-09	3.44E-16	1.72E-09	4.11E-11	3.03E-11	8.43E-11	2.78E-10	1.64E-09	2.63E-11	5.93E-10	3.01E-08	2.79E-09	3.59E-08
888	SG_888	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6370.100	1.73E-07	3.12E-07	Not Modelled	3.79E-09	1.60E-10	1.49E-06	1.73E-08	3.46E-09	3.46E-16	1.73E-09	4.14E-11	3.05E-11	8.49E-11	2.80E-10	1.65E-09	2.64E-11	5.97E-10	3.03E-08	2.81E-09	3.61E-08
889	SG_889	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6370.100	1.77E-07	3.22E-07	Not Modelled	3.84E-09	1.64E-10	1.52E-06	1.77E-08	3.53E-09	3.53E-16	1.77E-09	4.23E-11	3.11E-11	8.67E-11	2.85E-10	1.69E-09	2.70E-11	6.09E-10	3.09E-08	2.87E-09	3.69E-08
890	SG_890	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6370.100	1.82E-07	3.37E-07	Not Modelled	3.95E-09	1.69E-10	1.57E-06	1.82E-08	3.65E-09	3.65E-16	1.82E-09	4.36E-11	3.21E-11	8.94E-11	2.94E-10	1.74E-09	2.78E-11	6.29E-10	3.19E-08	2.96E-09	3.81E-08
891	SG_891	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6370.100	1.84E-07	3.43E-07	Not Modelled	3.97E-09	1.70E-10	1.59E-06	1.84E-08	3.68E-09	3.68E-16	1.84E-09	4.40E-11	3.24E-11	9.02E-11	2.97E-10	1.76E-09	2.81E-11	6.34E-10	3.22E-08	2.98E-09	3.84E-08
892	SG_892	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6370.100	1.78E-07	3.34E-07	Not Modelled	3.83E-09	1.65E-10	1.53E-06	1.78E-08	3.56E-09	3.56E-16	1.78E-09	4.26E-11	3.14E-11	8.74E-11	2.88E-10	1.70E-09	2.72E-11	6.14E-10	3.12E-08	2.89E-09	3.72E-08
893	SG_893	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6370.100	1.67E-07	3.13E-07	Not Modelled	3.57E-09	1.54E-10	1.42E-06	1.67E-08	3.34E-09	3.34E-16	1.67E-09	3.99E-11	2.94E-11	8.18E-11	2.69E-10	1.59E-09	2.55E-11	5.75E-10	2.92E-08	2.71E-09	3.48E-08
894	SG_894	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6370.100	1.59E-07	2.98E-07	Not Modelled	3.37E-09	1.47E-10	1.35E-06	1.58E-08	3.17E-09	3.17E-16	1.59E-09	3.79E-11	2.79E-11	7.77E-11	2.56E-10	1.51E-09	2.42E-11	5.46E-10	2.77E-08	2.57E-09	3.31E-08
895	SG_895	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6370.100	1.45E-07	2.72E-07	Not Modelled	3.07E-09	1.34E-10	1.20E-06	1.45E-08	2.89E-09	2.89E-16	1.45E-09	3.46E-11	2.55E-11	7.09E-11	2.33E-10	1.38E-09	2.21E-11	4.98E-10	2.53E-08	2.34E-09	3.02E-08
896	SG_896	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6370.100	1.31E-07	2.46E-07	Not Modelled	2.79E-09	1.21E-10	1.06E-06	1.31E-08	2.62E-09	2.62E-16	1.31E-09	3.14E-11	2.31E-11	6.43E-11	2.12E-10	1.25E-09	2.00E-11	4.52E-10	2.30E-08	2.13E-09	2.74E-08
897	SG_897	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6370.100	1.22E-07	2.29E-07	Not Modelled	2.59E-09	1.13E-10	9.80E-07	1.22E-08	2.44E-09	2.44E-16	1.22E-09	2.92E-11	2.15E-11	5.99E-11	1.97E-10	1.17E-09	1.86E-11	4.21E-10	2.14E-08	1.98E-09	2.55E-08
898	SG_898	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6370.100	1.15E-07	2.16E-07	Not Modelled	2.43E-09	1.06E-10	9.13E-07	1.15E-08	2.30E-09	2.30E-16	1.15E-09	2.75E-11	2.03E-11	5.64E-11	1.86E-10	1.10E-09	1.75E-11	3.96E-10	2.01E-08	1.86E-09	2.40E-08
899	SG_899	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6370.100	1.11E-07	2.10E-07	Not Modelled	2.33E-09	1.03E-10	8.83E-07	1.11E-08	2.22E-09	2.22E-16	1.11E-09	2.66E-11	1.96E-11	5.45E-11	1.80E-10	1.06E-09	1.70E-11	3.83E-10	1.95E-08	1.80E-09	2.32E-08
900	SG_900	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6370.300	1.13E-07	2.00E-07	Not Modelled	1.84E-09	1.04E-10	9.88E-07	1.12E-08	2.24E-09	2.24E-16	1.12E-09	2.68E-11	1.98E-11	5.50E-11	1.81E-10	1.07E-09	1.71E-11	3.87E-10	1.96E-08	1.82E-09	2.34E-08
901	SG_901	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6370.300	1.25E-07	2.22E-07	Not Modelled	1.99E-09	1.15E-10	1.05E-06	1.24E-08	2.48E-09	2.48E-16	1.24E-09	2.97E-11	2.19E-11	6.09E-11	2.00E-10	1.18E-09	1.89E-11	4.28E-10	2.17E-08	2.01E-09	2.59E-08
902	SG_902	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6370.300	1.36E-07	2.41E-07	Not Modelled	2.15E-09	1.25E-10	1.12E-06	1.35E-08	2.70E-09	2.70E-16	1.35E-09	3.23E-11	2.38E-11	6.62E-11	2.18E-10	1.29E-09	2.06E-11	4.66E-10	2.36E-08	2.19E-09	2.82E-08
903	SG_903	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6370.300	1.46E-07	2.58E-07	Not Modelled	2.31E-09	1.34E-10	1.21E-06	1.45E-08	2.90E-09	2.90E-16	1.45E-09	3.47E-11	2.55E-11	7.11E-11	2.34E-10	1.38E-09	2.21E-11	4.99E-10	2.54E-08	2.35E-09	3.02E-08
904	SG_904	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6370.300	1.59E-07	2.79E-07	Not Modelled	2.56E-09	1.45E-10	1.35E-06	1.56E-08	3.13E-09	3.13E-16	1.56E-09	3.74E-11	2.76E-11	7.67E-11	2.52E-10	1.49E-09	2.39E-11	5.39E-10	2.74E-08	2.54E-09	3.26E-08
905	SG_905	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6370.300	1.72E-07	2.98E-07	Not Modelled	2.87E-09	1.55E-10	1.52E-06	1.67E-08	3.35E-09	3.35E-16	1.68E-09	4.01E-11	2.95E-11	8.21E-11	2.70E-10	1.60E-09	2.56E-11	5.77E-10	2.93E-08	2.72E-09	3.49E-08
906	SG_906	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6370.300	1.87E-07	3.20E-07	Not Modelled	3.26E-09	1.66E-10	1.71E-06	1.80E-08	3.60E-09	3.60E-16	1.80E-09	4.30E-11	3.17E-11	8.82E-11	2.91E-10	1.72E-09	2.75E-11	6.20E-10	3.15E-08	2.92E-09	3.76E-08
907	SG_907	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6370.300	2.02E-07	3.45E-07	Not Modelled	3.71E-09	1.79E-10	1.92E-06	1.94E-08	3.87E-09	3.87E-16	1.94E-09	4.63E-11	3.41E-11	9.49E-11	3.13E-10	1.85E-09	2.95E-11	6.67E-10	3.39E-08	3.14E-09	4.04E-08
908	SG_908	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6370.300	2.14E-07	3.60E-07	Not Modelled	4.11E-09	1.88E-10	2.09E-06	2.03E-08	4.05E-09	4.05E-16	2.03E-09	4.85E-11	3.57E-11	9.94E-11	3.27E-10	1.94E-09	3.10E-11	6.99E-10	3.55E-08	3.29E-09	4.23E-08
909	SG_909	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6370.300	2.20E-07	3.56E-07	Not Modelled	4.39E-09	1.88E-10	2.21E-06	2.04E-08	4.07E-09	4.07E-16	2.04E-09	4.87E-11	3.59E-11	9.99E-11	3.29E-10	1.94E-09	3.11E-11	7.02E-10	3.57E-08	3.30E-09	4.25E-08
910	SG_910	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6370.300	2.20E-07	3.39E-07	Not Modelled	4.53E-09	1.83E-10	2.24E-06	1.98E-08	3.96E-09	3.96E-16	1.98E-09	4.73E-11	3.49E-11	9.70E-11	3.20E-10	1.89E-09	3.02E-11	6.82E-10	3.46E-08	3.21E-09	4.13E-08
911	SG_911	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6370.300	2.13E-07	3.28E-07	Not Modelled	4.63E-09	1.78E-10	2.13E-06	1.93E-08	3.86E-09	3.86E-16	1.93E-09	4.61E-11	3.40E-11	9.46E-11	3.11E-10	1.84E-09	2.94E-11	6.65E-10	3.38E-08	3.13E-09	4.02E-08
912	SG_912	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6370.300	2.09E-07	3.37E-07	Not Modelled	4.76E-09	1.81E-10	2.00E-06	1.95E-08	3.90E-09	3.90E-16	1.95E-09	4.67E-11	3.44E-11	9.57E-11	3.15E-10	1.86E-09	2.98E-11	6.72E-10	3.42E-08	3.16E-09	4.07E-08
913	SG_913	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6370.300	2.00E-07	3.38E-07	Not Modelled	4.70E-09	1.79E-10	1.81E-06	1.93E-08	3.86E-09	3.86E-16	1.93E-09	4.62E-11	3.40E-11	9.47E-11	3.12E-10	1.84E-09	2.95E-11	6.66E-10	3.38E-08	3.13E-09	4.03E-08
914	SG_914	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6370.300	1.84E-07	3.18E-07	Not Modelled	4.34E-09	1.68E-10	1.54E-06	1.81E-08	3.63E-09	3.63E-16	1.81E-09	4.34E-11	3.20E-11	8.89E-11	2.93E-10	1.73E-09	2.77E-11	6.25E-10	3.18E-08	2.94E-09	3.79E-08
915	SG_915	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6370.300	1.70E-07	2.96E-07	Not Modelled	3.93E-09	1.56E-10	1.36E-06	1.69E-08	3.38E-09	3.38E-16	1.69E-09	4.04E-11	2.98E-11	8.28E-11	2.73E-10	1.61E-09	2.58E-11	5.82E-10	2.96E-08	2.74E-09	3.53E-08
916	SG_916	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6370.300	1.59E-07	2.78E-07	Not Modelled	3.61E-09	1.47E-10	1.26E-06	1.59E-08	3.17E-09	3.17E-16	1.59E-09	3.79E-11	2.79E-11	7.77E-11	2.56E-10	1.51E-09	2.42E-11	5.47E-10	2.78E-08	2.57E-09	3.31E-08
917	SG_917	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6370.300	1.54E-07	2.71E-07	Not Modelled	3.48E-09	1.42E-10	1.26E-06	1.54E-08	3.07E-09	3.07E-16	1.54E-09	3.67E-11	2.71E-11	7.53E-11	2.48E-10	1.47E-09	2.34E-11	5.29E-10	2.69E-08	2.49E-09	3.20E-08
918	SG_918	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6370.300	1.50E-07	2.66E-07	Not Modelled	3.36E-09	1.38E-10	1.23E-06	1.49E-08	2.99E-09	2.99E-16	1.49E-09	3.57E-11	2.63E-11	7.33E-11	2.41E-10	1.43E-09	2.28E-11	5.15E-10	2.62E-08	2.42E-09	3.12E-08
919	SG_919	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6370.300	1.53E-07	2.74E-07	Not Modelled	3.39E-09	1.41E-10	1.28E-06	1.52E-08	3.05E-09	3.05E-16	1.53E-09	3.65E-11	2.69E-11	7.48E-11	2.46E-10	1.46E-09	2.33E-11	5.26E-10	2.67E-08	2.47E-09	3.18E-08
920	SG_920	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6370.300	1.58E-07	2.87E-07	Not Modelled	3.47E-09	1.46E-10	1.33E-06	1.57E-08	3.15E-09	3.15E-16	1.58E-09	3.77E-11	2.78E-11	7.72E-11	2.54E-10	1.50E-09	2.40E-11	5.43E-10	2.76E-08	2.55E-09	3.29E-08
921	SG_921	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6370.300	1.63E-07	3.01E-07	Not Modelled	3.57E-09	1.51E-10	1.38E-06	1.63E-08	3.26E-09	3.26E-16	1.63E-09	3.90E-11	2.87E-11	8.00E-11	2.63E-10	1.56E-09	2.49E-11	5.62E-10	2.85E-08	2.65E-09	3.40E-08
922	SG_922	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6370.300	1.65E-07	3.06E-07	Not Modelled	3.59E-09	1.52E-10	1.38E-06	1.65E-08	3.29E-09	3.29E-16	1.65E-09	3.94E-11	2.90E-11	8.08E-11	2.66E-10	1.57E-09	2.51E-11	5.68E-10	2.88E-08	2.67E-09	3.44E-08
923	SG_923	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6370.300	1.60E-07	2.97E-07	Not Modelled	3.48E-09	1.48E-10	1.32E-06	1.59E-08	3.19E-09	3.19E-16	1.59E-09	3.81E-11	2.81E-11	7.82E-11	2.57E-10	1.52E-09	2.43E-11	5.49E-10	2.79E-08	2.59E-09	3.33E-08
924	SG_924	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6370.300	1.51E-07	2.83E-07	Not Modelled	3.29E-09	1.40E-10	1.23E-06	1.51E-08	3.03E-09	3.03E-16	1.51E-09	3.62E-11	2.67E-11	7.42E-11	2.44E-10	1.45E-09	2.31E-11	5.22E-10	2.65E-08	2.46E-09	3.16E-08
925	SG_925	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6370.300	1.46E-07	2.73E-07	Not Modelled	3.15E-09	1.35E-10	1.19E-06	1.46E-08	2.91E-09	2.91E-16	1.46E-09	3.48E-11	2.57E-11	7.14E-11	2.35E-10	1.39E-09	2.22E-11	5.02E-10	2.55E-08	2.36E-09	3.04E-08
926	SG_926	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6370.300	1.38E-07	2.60E-07	Not Modelled	2.97E-09	1.28E-10	1.12E-06	1.38E-08	2.77E-09	2.77E-16	1.38E-09	3.31E-11	2.44E-11	6.78E-11	2.23E-10	1.32E-09	2.11E-11	4.77E-10	2.42E-08	2.24E-09	2.89E-08
927	SG_927	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6370.300	1.26E-07	2.36E-07	Not Modelled	2.70E-09	1.16E-10	9.95E-07	1.26E-08	2.51E-09	2.51E-16	1.26E-09	3.01E-11	2.21E-11	6.16E-11	2.03E-10	1.20E-09	1.92E-11	4.33E-10	2.20E-08	2.04E-09	2.62E-08
928	SG_928	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6370.300	1.19E-07	2.24E-07	Not Modelled	2.55E-09	1.10E-10	9.38E-07	1.19E-08	2.38E-09	2.38E-16	1.19E-09	2.84E-11	2.10E-11	5.83E-11	1.92E-10	1.14E-09	1.82E-11	4.10E-10	2.08E-08	1.93E-09	2.48E-08
929	SG_929	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6370.300	1.11E-07	2.09E-07	Not Modelled	2.39E-09	1.03E-10	8.67E-07	1.11E-08	2.22E-09	2.22E-16	1.11E-09	2.66E-11	1.96E-11	5.45E-11	1.79E-10	1.06E-09	1.70E-11	3.83E-10	1.95E-08	1.80E-09	2.32E-08
930	SG_930	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6370.300	1.06E-07	1.99E-07	Not Modelled	2.27E-09	9.79E-11	8.22E-07	1.06E-08	2.12E-09	2.12E-16	1.06E-09	2.53E-11	1.87E-11	5.19E-11	1.71E-10	1.01E-09	1.62E-11	3.65E-10	1.85E-08	1.72E-09	2.21E-08
931	SG_931	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6370.500	1.14E-07	2.05E-07	Not Modelled	1.87E-09	1.05E-10	9.89E-07	1.14E-08	2.28E-09	2.28E-16	1.14E-09	2.73E-11	2.01E-11	5.59E-11	1.84E-10	1.09E-09	1.74E-11	3.93E-10	1.99E-08	1.85E-09	2.38E-08
932	SG_932	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6370.500	1.26E-07	2.26E-07	Not Modelled	2.02E-09	1.16E-10	1.06E-06	1.25E-08	2.50E-09	2.50E-16	1.25E-09	3.00E-11	2.21E-11	6.14E-11	2.02E-10	1.20E-09	1.91E-11	4.32E-10	2.19E-08	2.03E-09	2.61E-08
933	SG_933	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6370.500	1.35E-07	2.42E-07	Not Modelled	2.16E-09	1.24E-10	1.13E-06	1.34E-08	2.68E-09	2.68E-16	1.34E-09	3.21E-11	2.37E-11	6.58E-11	2.17E-10	1.28E-09	2.05E-11	4.63E-10	2.35E-08	2.18E-09	2.80E-08
934	SG_934	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6370.500	1.44E-07	2.53E-07	Not Modelled	2.31E-09	1.31E-10	1.21E-06	1.41E-08	2.83E-09	2.83E-16	1.41E-09	3.38E-11	2.49E-11	6.93E-11	2.28E-10	1.35E-09	2.16E-11	4.87E-10	2.47E-08	2.29E-09	2.95E-08
935	SG_935	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6370.500	1.52E-07	2.62E-07	Not Modelled	2.49E-09	1.36E-10	1.32E-06	1.47E-08	2.94E-09	2.94E-16	1.47E-09	3.52E-11	2.59E-11	7.21E-11	2.37E-10	1.40E-09	2.25E-11	5.07E-10	2.57E-08	2.39E-09	3.07E-08
936	SG_936	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6370.500	1.63E-07	2.74E-07	Not Modelled	2.77E-09	1.43E-10	1.49E-06	1.55E-08	3.10E-09	3.10E-16	1.55E-09	3.71E-11	2.73E-11	7.60E-11	2.50E-10	1.48E-09	2.37E-11	5.34E-10	2.71E-08	2.51E-09	3.23E-08
937	SG_937	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6370.500	1.75E-07	2.90E-07	Not Modelled	3.12E-09	1.52E-10	1.67E-06	1.65E-08	3.29E-09	3.29E-16	1.65E-09	3.94E-11	2.90E-11	8.07E-11	2.66E-10	1.57E-09	2.51E-11	5.68E-10	2.88E-08	2.67E-09	3.44E-08
938	SG_938	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6370.500	1.88E-07	3.11E-07	Not Modelled	3.53E-09	1.63E-10	1.84E-06	1.76E-08	3.52E-09	3.52E-16	1.76E-09	4.21E-11	3.10E-11	8.63E-11	2.84E-10	1.68E-09	2.69E-11	6.07E-10	3.08E-08	2.86E-09	3.67E-08
939	SG_939	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6370.500	2.03E-07	3.38E-07	Not Modelled	4.01E-09	1.77E-10	2.04E-06	1.91E-08	3.81E-09	3.81E-16	1.91E-09	4.56E-11	3.36E-11	9.35E-11	3.08E-10	1.82E-09	2.91E-11	6.58E-10	3.34E-08	3.09E-09	3.98E-08
940	SG_940	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6370.500	2.08E-07	3.42E-07	Not Modelled	4.29E-09	1.79E-10	2.07E-06	1.94E-08	3.87E-09	3.87E-16	1.94E-09	4.63E-11	3.41E-11	9.50E-11	3.13E-10	1.85E-09	2.96E-11	6.68E-10	3.39E-08	3.14E-09	4.04E-08
941	SG_941	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6370.500	2.04E-07	3.28E-07	Not Modelled	4.40E-09	1.74E-10	2.00E-06	1.88E-08	3.76E-09	3.76E-16	1.88E-09	4.50E-11	3.32E-11	9.23E-11	3.04E-10	1.80E-09	2.87E-11	6.49E-10	3.29E-08	3.05E-09	3.93E-08
942	SG_942	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6370.500	1.98E-07	3.20E-07	Not Modelled	4.46E-09	1.70E-10	1.89E-06	1.84E-08	3.67E-09	3.67E-16	1.84E-09	4.39E-11	3.24E-11	9.01E-11	2.97E-10	1.75E-09	2.80E-11	6.33E-10	3.22E-08	2.98E-09	3.83E-08
943	SG_943	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6370.500	1.89E-07	3.15E-07	Not Modelled	4.42E-09	1.66E-10	1.73E-06	1.80E-08	3.59E-09	3.59E-16	1.80E-09	4.30E-11	3.17E-11	8.81E-11	2.90E-10	1.72E-09	2.74E-11	6.19E-10	3.15E-08	2.91E-09	3.75E-08
944	SG_944	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6370.500	1.78E-07	3.05E-07	Not Modelled	4.23E-09	1.60E-10	1.56E-06	1.73E-08	3.46E-09	3.46E-16	1.73E-09	4.14E-11	3.05E-11	8.49E-11	2.80E-10	1.65E-09	2.64E-11	5.97E-10	3.03E-08	2.81E-09	3.61E-08
945	SG_945	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6370.500	1.63E-07	2.83E-07	Not Modelled	3.85E-09	1.49E-10	1.34E-06	1.61E-08	3.21E-09	3.21E-16	1.61E-09	3.85E-11	2.83E-11	7.88E-11	2.60E-10	1.53E-09	2.45E-11	5.54E-10	2.81E-08	2.61E-09	3.35E-08
946	SG_946	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6370.500	1.50E-07	2.62E-07	Not Modelled	3.47E-09	1.38E-10	1.18E-06	1.49E-08	2.98E-09	2.98E-16	1.49E-09	3.57E-11	2.63E-11	7.32E-11	2.41E-10	1.43E-09	2.28E-11	5.15E-10	2.61E-08	2.42E-09	3.12E-08
947	SG_947	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6370.500	1.41E-07	2.46E-07	Not Modelled	3.20E-09	1.29E-10	1.09E-06	1.40E-08	2.80E-09	2.80E-16	1.40E-09	3.35E-11	2.47E-11	6.86E-11	2.26E-10	1.34E-09	2.14E-11	4.82E-10	2.45E-08	2.27E-09	2.92E-08
948	SG_948	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6370.500	1.37E-07	2.42E-07	Not Modelled	3.12E-09	1.27E-10	1.10E-06	1.37E-08	2.74E-09	2.74E-16	1.37E-09	3.27E-11	2.41E-11	6.71E-11	2.21E-10	1.31E-09	2.09E-11	4.72E-10	2.40E-08	2.22E-09	2.86E-08
949	SG_949	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6370.500	1.35E-07	2.41E-07	Not Modelled	3.07E-09	1.25E-10	1.10E-06	1.35E-08	2.70E-09	2.70E-16	1.35E-09	3.23E-11	2.38E-11	6.63E-11	2.18E-10	1.29E-09	2.06E-11	4.66E-10	2.37E-08	2.19E-09	2.82E-08
950	SG_950	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6370.500	1.37E-07	2.46E-07	Not Modelled	3.08E-09	1.26E-10	1.12E-06	1.37E-08	2.73E-09	2.73E-16	1.37E-09	3.27E-11	2.41E-11	6.70E-11	2.20E-10	1.30E-09	2.08E-11	4.71E-10	2.39E-08	2.21E-09	2.85E-08
951	SG_951	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6370.500	1.39E-07	2.51E-07	Not Modelled	3.10E-09	1.28E-10	1.13E-06	1.38E-08	2.77E-09	2.77E-16	1.38E-09	3.31E-11	2.44E-11	6.79E-11	2.23E-10	1.32E-09	2.11E-11	4.77E-10	2.42E-08	2.24E-09	2.89E-08
952	SG_952	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6370.500	1.43E-07	2.62E-07	Not Modelled	3.18E-09	1.32E-10	1.16E-06	1.43E-08	2.85E-09	2.85E-16	1.43E-09	3.42E-11	2.52E-11	7.00E-11	2.31E-10	1.36E-09	2.18E-11	4.92E-10	2.50E-08	2.32E-09	2.98E-08
953	SG_953	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6370.500	1.49E-07	2.76E-07	Not Modelled	3.28E-09	1.38E-10	1.22E-06	1.49E-08	2.97E-09	2.97E-16	1.49E-09	3.56E-11	2.62E-11	7.29E-11	2.40E-10	1.42E-09	2.27E-11	5.13E-10	2.60E-08	2.41E-09	3.10E-08
954	SG_954	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6370.500	1.49E-07	2.77E-07	Not Modelled	3.27E-09	1.38E-10	1.21E-06	1.49E-08	2.97E-09	2.97E-16	1.49E-09	3.56E-11	2.62E-11	7.29E-11	2.40E-10	1.42E-09	2.27E-11	5.12E-10	2.60E-08	2.41E-09	3.10E-08
955	SG_955	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6370.500	1.43E-07	2.66E-07	Not Modelled	3.13E-09	1.32E-10	1.14E-06	1.42E-08	2.85E-09	2.85E-16	1.42E-09	3.41E-11	2.51E-11	6.99E-11	2.30E-10	1.36E-09	2.17E-11	4.91E-10	2.49E-08	2.31E-09	2.97E-08
956	SG_956	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6370.500	1.37E-07	2.56E-07	Not Modelled	2.99E-09	1.26E-10	1.08E-06	1.36E-08	2.73E-09	2.73E-16	1.36E-09	3.26E-11	2.40E-11	6.69E-11	2.20E-10	1.30E-09	2.08E-11	4.70E-10	2.39E-08	2.21E-09	2.85E-08
957	SG_957	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6370.500	1.30E-07	2.44E-07	Not Modelled	2.83E-09	1.20E-10	1.03E-06	1.30E-08	2.60E-09	2.60E-16	1.30E-09	3.11E-11	2.29E-11	6.38E-11	2.10E-10	1.24E-09	1.99E-11	4.48E-10	2.28E-08	2.11E-09	2.72E-08
958	SG_958	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6370.500	1.21E-07	2.27E-07	Not Modelled	2.63E-09	1.12E-10	9.40E-07	1.21E-08	2.42E-09	2.42E-16	1.21E-09	2.89E-11	2.13E-11	5.93E-11	1.95E-10	1.15E-09	1.85E-11	4.17E-10	2.12E-08	1.96E-09	2.52E-08
959	SG_959	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6370.500	1.13E-07	2.13E-07	Not Modelled	2.46E-09	1.05E-10	8.69E-07	1.13E-08	2.26E-09	2.26E-16	1.13E-09	2.71E-11	2.00E-11	5.55E-11	1.83E-10	1.08E-09	1.73E-11	3.90E-10	1.98E-08	1.84E-09	2.36E-08
960	SG_960	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6370.500	1.08E-07	2.04E-07	Not Modelled	2.35E-09	1.00E-10	8.31E-07	1.08E-08	2.16E-09	2.16E-16	1.08E-09	2.59E-11	1.91E-11	5.31E-11	1.75E-10	1.03E-09	1.65E-11	3.73E-10	1.90E-08	1.76E-09	2.26E-08
961	SG_961	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6370.500	1.04E-07	1.97E-07	Not Modelled	2.26E-09	9.65E-11	8.05E-07	1.04E-08	2.09E-09	2.09E-16	1.04E-09	2.50E-11	1.84E-11	5.12E-11	1.68E-10	9.96E-10	1.59E-11	3.60E-10	1.83E-08	1.69E-09	2.18E-08
962	SR_1	Sensitive Receptor	Recreational	Offsite	378.382	6370.479	2.07E-07	3.43E-07	Not Modelled	4.14E-09	1.79E-10	2.06E-06	1.94E-08	3.87E-09	3.87E-16	1.94E-09	4.63E-11	3.41E-11	9.49E-11	3.13E-10	1.85E-09	2.96E-11	6.67E-10	3.39E-08	3.14E-09	4.04E-08
963	SR_2	Sensitive Receptor	Recreational	Offsite	378.782	6370.266	2.21E-07	3.36E-07	Not Modelled	4.62E-09	1.83E-10	2.25E-06	1.98E-08	3.95E-09	3.95E-16	1.98E-09	4.73E-11	3.48E-11	9.69E-11	3.19E-10	1.89E-09	3.02E-11	6.81E-10	3.46E-08	3.21E-09	4.12E-08
964	SR_3	Sensitive Receptor	Recreational	Offsite	378.972	6369.893	2.70E-07	4.10E-07	Not Modelled	5.82E-09	2.26E-10	2.78E-06	2.44E-08	4.88E-09	4.88E-16	2.44E-09	5.84E-11	4.30E-11	1.20E-10	3.94E-10	2.33E-09	3.73E-11	8.41E-10	4.27E-08	3.96E-09	5.09E-08
965	SR_4	Sensitive Receptor	Recreational	Offsite	378.815	6369.579	3.35E-07	5.25E-07	Not Modelled	6.90E-09	2.86E-10	3.50E-06	3.09E-08	6.18E-09	6.18E-16	3.09E-09	7.39E-11	5.45E-11	1.52E-10	4.99E-10	2.95E-09	4.72E-11	1.06E-09	5.41E-08	5.01E-09	6.45E-08
966	SR_5	Sensitive Receptor	Recreational	Offsite	378.619	6369.367	3.40E-07	5.50E-07	Not Modelled	6.50E-09	2.98E-10	3.52E-06	3.22E-08	6.43E-09	6.43E-16	3.22E-09	7.69E-11	5.67E-11	1.58E-10	5.19E-10	3.07E-09	4.91E-11	1.11E-09	5.63E-08	5.22E-09	6.71E-08
967	SR_6	Sensitive Receptor	Recreational	Offsite	378.352	6369.171	2.86E-07	4.59E-07	Not Modelled	4.77E-09	2.53E-10	2.85E-06	2.73E-08	5.46E-09	5.46E-16	2.73E-09	6.53E-11	4.81E-11	1.34E-10	4.41E-10	2.61E-09	4.17E-11	9.41E-10	4.78E-08	4.43E-09	5.70E-08

AQIA DATA - SCENARIO 2 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**3.08E-06**	**5.69E-06**	**0.00E+00**	**3.69E-07**	**2.85E-09**	**1.88E-04**	**3.08E-07**	**6.16E-08**	**6.16E-15**	**3.08E-08**	**7.37E-10**	**5.43E-10**	**1.51E-09**	**4.98E-09**	**2.94E-08**	**4.71E-10**	**1.06E-08**	**5.40E-07**	**5.00E-08**	**6.43E-07**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
968	SR_7	Sensitive Receptor	Recreational	Offsite	378.046	6369.006	2.28E-07	3.62E-07	Not Modelled	3.61E-09	2.02E-10	2.35E-06	2.19E-08	4.37E-09	4.37E-16	2.19E-09	5.23E-11	3.86E-11	1.07E-10	3.53E-10	2.09E-09	3.34E-11	7.54E-10	3.83E-08	3.55E-09	4.57E-08
969	SR_8	Sensitive Receptor	Recreational	Offsite	377.732	6368.896	1.93E-07	3.07E-07	Not Modelled	3.13E-09	1.70E-10	2.24E-06	1.84E-08	3.68E-09	3.68E-16	1.84E-09	4.40E-11	3.24E-11	9.03E-11	2.97E-10	1.76E-09	2.81E-11	6.34E-10	3.22E-08	2.99E-09	3.84E-08
970	SR_9	Sensitive Receptor	Recreational	Offsite	377.425	6368.786	1.52E-07	2.37E-07	Not Modelled	2.61E-09	1.32E-10	2.10E-06	1.42E-08	2.85E-09	2.85E-16	1.42E-09	3.41E-11	2.51E-11	6.98E-11	2.30E-10	1.36E-09	2.17E-11	4.91E-10	2.49E-08	2.31E-09	2.97E-08
971	SR_10	Sensitive Receptor	Recreational	Offsite	377.064	6368.660	1.06E-07	1.57E-07	Not Modelled	2.05E-09	8.87E-11	1.83E-06	9.59E-09	1.92E-09	1.92E-16	9.59E-10	2.29E-11	1.69E-11	4.70E-11	1.55E-10	9.16E-10	1.46E-11	3.31E-10	1.68E-08	1.56E-09	2.00E-08
972	SR_11	Sensitive Receptor	Recreational	Offsite	376.781	6368.472	7.86E-08	1.16E-07	Not Modelled	1.78E-09	6.47E-11	1.66E-06	6.99E-09	1.40E-09	1.40E-16	7.00E-10	1.67E-11	1.23E-11	3.43E-11	1.13E-10	6.68E-10	1.07E-11	2.41E-10	1.22E-08	1.13E-09	1.46E-08
973	SR_12	Sensitive Receptor	Recreational	Offsite	376.648	6368.197	6.63E-08	9.48E-08	Not Modelled	1.67E-09	5.31E-11	1.58E-06	5.73E-09	1.15E-09	1.15E-16	5.74E-10	1.37E-11	1.01E-11	2.81E-11	9.26E-11	5.48E-10	8.76E-12	1.98E-10	1.00E-08	9.30E-10	1.20E-08
974	SR_13	Sensitive Receptor	Recreational	Offsite	376.719	6367.859	6.29E-08	8.88E-08	Not Modelled	1.72E-09	4.96E-11	1.56E-06	5.36E-09	1.07E-09	1.07E-16	5.36E-10	1.28E-11	9.45E-12	2.63E-11	8.66E-11	5.12E-10	8.19E-12	1.85E-10	9.39E-09	8.70E-10	1.12E-08
975	SR_14	Sensitive Receptor	Recreational	Offsite	376.883	6367.624	6.75E-08	9.31E-08	Not Modelled	1.97E-09	5.23E-11	1.75E-06	5.65E-09	1.13E-09	1.13E-16	5.65E-10	1.35E-11	9.95E-12	2.77E-11	9.12E-11	5.39E-10	8.62E-12	1.95E-10	9.89E-09	9.16E-10	1.18E-08
976	SR_15	Sensitive Receptor	Recreational	Offsite	377.135	6367.428	7.74E-08	1.05E-07	Not Modelled	2.43E-09	5.87E-11	2.11E-06	6.35E-09	1.27E-09	1.27E-16	6.35E-10	1.52E-11	1.12E-11	3.11E-11	1.03E-10	6.06E-10	9.69E-12	2.19E-10	1.11E-08	1.03E-09	1.33E-08
977	SR_16	Sensitive Receptor	Recreational	Offsite	377.402	6367.239	8.96E-08	1.12E-07	Not Modelled	2.90E-09	6.46E-11	2.52E-06	6.98E-09	1.40E-09	1.40E-16	6.98E-10	1.67E-11	1.23E-11	3.42E-11	1.13E-10	6.66E-10	1.07E-11	2.41E-10	1.22E-08	1.13E-09	1.46E-08
978	SR_17	Sensitive Receptor	Recreational	Offsite	377.622	6367.058	1.03E-07	1.07E-07	Not Modelled	3.16E-09	6.61E-11	2.69E-06	7.15E-09	1.43E-09	1.43E-16	7.15E-10	1.71E-11	1.26E-11	3.51E-11	1.15E-10	6.82E-10	1.09E-11	2.46E-10	1.25E-08	1.16E-09	1.49E-08
979	SR_18	Sensitive Receptor	Recreational	Offsite	377.849	6366.846	1.35E-07	1.08E-07	Not Modelled	3.23E-09	7.57E-11	3.13E-06	8.18E-09	1.64E-09	1.64E-16	8.18E-10	1.96E-11	1.44E-11	4.01E-11	1.32E-10	7.81E-10	1.25E-11	2.82E-10	1.43E-08	1.33E-09	1.71E-08
980	SR_19	Sensitive Receptor	Recreational	Offsite	378.101	6366.642	1.59E-07	1.37E-07	Not Modelled	3.35E-09	9.20E-11	3.86E-06	9.94E-09	1.99E-09	1.99E-16	9.95E-10	2.38E-11	1.75E-11	4.88E-11	1.61E-10	9.49E-10	1.52E-11	3.43E-10	1.74E-08	1.61E-09	2.07E-08
981	SR_20	Sensitive Receptor	Recreational	Offsite	378.376	6366.477	1.38E-07	1.37E-07	Not Modelled	3.13E-09	8.62E-11	3.92E-06	9.31E-09	1.86E-09	1.86E-16	9.32E-10	2.23E-11	1.64E-11	4.57E-11	1.50E-10	8.89E-10	1.42E-11	3.21E-10	1.63E-08	1.51E-09	1.94E-08
982	SR_21	Sensitive Receptor	Recreational	Offsite	378.713	6366.399	1.04E-07	1.18E-07	Not Modelled	2.51E-09	7.08E-11	3.30E-06	7.65E-09	1.53E-09	1.53E-16	7.66E-10	1.83E-11	1.35E-11	3.75E-11	1.24E-10	7.31E-10	1.17E-11	2.64E-10	1.34E-08	1.24E-09	1.60E-08
983	SR_22	Sensitive Receptor	Recreational	Offsite	379.059	6366.469	9.68E-08	1.21E-07	Not Modelled	2.29E-09	7.00E-11	3.01E-06	7.57E-09	1.51E-09	1.51E-16	7.57E-10	1.81E-11	1.33E-11	3.71E-11	1.22E-10	7.22E-10	1.16E-11	2.61E-10	1.32E-08	1.23E-09	1.58E-08
984	SR_23	Sensitive Receptor	Recreational	Offsite	379.373	6366.532	8.78E-08	1.24E-07	Not Modelled	2.04E-09	6.86E-11	2.66E-06	7.42E-09	1.48E-09	1.48E-16	7.42E-10	1.77E-11	1.31E-11	3.64E-11	1.20E-10	7.08E-10	1.13E-11	2.56E-10	1.30E-08	1.20E-09	1.55E-08
985	SR_24	Sensitive Receptor	Recreational	Offsite	379.648	6366.477	9.16E-08	1.28E-07	Not Modelled	1.97E-09	7.11E-11	2.67E-06	7.69E-09	1.54E-09	1.54E-16	7.69E-10	1.84E-11	1.35E-11	3.77E-11	1.24E-10	7.34E-10	1.17E-11	2.65E-10	1.35E-08	1.25E-09	1.60E-08
986	SR_25	Sensitive Receptor	Recreational	Offsite	379.930	6366.391	1.15E-07	1.64E-07	Not Modelled	2.38E-09	8.94E-11	3.20E-06	9.67E-09	1.93E-09	1.93E-16	9.67E-10	2.31E-11	1.70E-11	4.74E-11	1.56E-10	9.23E-10	1.48E-11	3.33E-10	1.69E-08	1.57E-09	2.02E-08
987	SR_26	Sensitive Receptor	Recreational	Offsite	380.221	6366.289	1.42E-07	1.79E-07	Not Modelled	2.82E-09	1.02E-10	3.45E-06	1.10E-08	2.20E-09	2.20E-16	1.10E-09	2.64E-11	1.94E-11	5.41E-11	1.78E-10	1.05E-09	1.68E-11	3.80E-10	1.93E-08	1.79E-09	2.30E-08
988	SR_27	Sensitive Receptor	Recreational	Offsite	380.512	6366.202	1.83E-07	2.08E-07	Not Modelled	3.80E-09	1.23E-10	3.86E-06	1.33E-08	2.65E-09	2.65E-16	1.33E-09	3.17E-11	2.34E-11	6.50E-11	2.14E-10	1.27E-09	2.02E-11	4.57E-10	2.32E-08	2.15E-09	2.77E-08
989	SR_28	Sensitive Receptor	Recreational	Offsite	380.810	6366.108	2.06E-07	2.45E-07	Not Modelled	4.58E-09	1.41E-10	4.13E-06	1.53E-08	3.05E-09	3.05E-16	1.53E-09	3.65E-11	2.69E-11	7.48E-11	2.46E-10	1.46E-09	2.33E-11	5.26E-10	2.67E-08	2.48E-09	3.18E-08
990	SR_29	Sensitive Receptor	Recreational	Offsite	381.108	6365.983	2.06E-07	2.67E-07	Not Modelled	4.41E-09	1.48E-10	3.93E-06	1.60E-08	3.21E-09	3.21E-16	1.60E-09	3.84E-11	2.83E-11	7.86E-11	2.59E-10	1.53E-09	2.45E-11	5.53E-10	2.81E-08	2.60E-09	3.35E-08
991	SR_30	Sensitive Receptor	Recreational	Offsite	381.367	6365.771	1.85E-07	2.73E-07	Not Modelled	3.86E-09	1.44E-10	3.37E-06	1.56E-08	3.12E-09	3.12E-16	1.56E-09	3.73E-11	2.75E-11	7.65E-11	2.52E-10	1.49E-09	2.38E-11	5.38E-10	2.73E-08	2.53E-09	3.26E-08
992	SR_31	Sensitive Receptor	Recreational	Offsite	381.470	6365.394	1.36E-07	2.10E-07	Not Modelled	2.62E-09	1.09E-10	2.32E-06	1.18E-08	2.36E-09	2.36E-16	1.18E-09	2.83E-11	2.08E-11	5.79E-11	1.91E-10	1.13E-09	1.80E-11	4.07E-10	2.07E-08	1.92E-09	2.47E-08
993	SR_32	Sensitive Receptor	Recreational	Offsite	381.564	6365.134	1.14E-07	1.67E-07	Not Modelled	2.07E-09	8.85E-11	1.82E-06	9.57E-09	1.91E-09	1.91E-16	9.57E-10	2.29E-11	1.69E-11	4.69E-11	1.55E-10	9.14E-10	1.46E-11	3.30E-10	1.68E-08	1.55E-09	2.00E-08
994	SR_33	Sensitive Receptor	Recreational	Offsite	381.713	6364.852	9.82E-08	1.39E-07	Not Modelled	1.72E-09	7.49E-11	1.51E-06	8.10E-09	1.62E-09	1.62E-16	8.10E-10	1.94E-11	1.43E-11	3.97E-11	1.31E-10	7.73E-10	1.24E-11	2.79E-10	1.42E-08	1.31E-09	1.69E-08
995	SR_34	Sensitive Receptor	Recreational	Offsite	382.051	6364.600	1.01E-07	1.47E-07	Not Modelled	1.75E-09	7.79E-11	1.49E-06	8.42E-09	1.68E-09	1.68E-16	8.43E-10	2.02E-11	1.48E-11	4.13E-11	1.36E-10	8.04E-10	1.29E-11	2.90E-10	1.47E-08	1.37E-09	1.76E-08
996	SR_35	Sensitive Receptor	Recreational	Offsite	377.700	6366.509	1.40E-07	9.00E-08	Not Modelled	2.74E-09	7.00E-11	2.90E-06	7.56E-09	1.51E-09	1.51E-16	7.57E-10	1.81E-11	1.33E-11	3.71E-11	1.22E-10	7.22E-10	1.15E-11	2.61E-10	1.32E-08	1.23E-09	1.58E-08
997	SR_36	Sensitive Receptor	Recreational	Offsite	377.606	6366.124	8.34E-08	1.17E-07	Not Modelled	2.40E-09	6.29E-11	2.35E-06	6.80E-09	1.36E-09	1.36E-16	6.80E-10	1.63E-11	1.20E-11	3.33E-11	1.10E-10	6.49E-10	1.04E-11	2.34E-10	1.19E-08	1.10E-09	1.42E-08
998	SR_37	Sensitive Receptor	Recreational	Offsite	377.465	6365.771	6.23E-08	9.72E-08	Not Modelled	1.85E-09	5.04E-11	1.77E-06	5.44E-09	1.09E-09	1.09E-16	5.45E-10	1.30E-11	9.59E-12	2.67E-11	8.79E-11	5.20E-10	8.31E-12	1.88E-10	9.53E-09	8.83E-10	1.14E-08
999	SR_38	Sensitive Receptor	Recreational	Offsite	377.527	6365.409	4.37E-08	7.15E-08	Not Modelled	1.29E-09	3.67E-11	1.25E-06	3.96E-09	7.92E-10	7.92E-17	3.96E-10	9.47E-12	6.98E-12	1.94E-11	6.39E-11	3.78E-10	6.04E-12	1.36E-10	6.93E-09	6.43E-10	8.26E-09
1000	SR_39	Sensitive Receptor	Recreational	Offsite	377.739	6365.150	3.78E-08	5.57E-08	Not Modelled	1.05E-09	2.98E-11	1.06E-06	3.22E-09	6.43E-10	6.43E-17	3.22E-10	7.69E-12	5.67E-12	1.58E-11	5.19E-11	3.07E-10	4.91E-12	1.11E-10	5.63E-09	5.22E-10	6.71E-09
1001	SR_40	Sensitive Receptor	Recreational	Offsite	377.959	6364.883	2.92E-08	4.37E-08	Not Modelled	7.87E-10	2.34E-11	7.48E-07	2.53E-09	5.05E-10	5.05E-17	2.53E-10	6.04E-12	4.45E-12	1.24E-11	4.08E-11	2.41E-10	3.86E-12	8.71E-11	4.42E-09	4.10E-10	5.27E-09
1002	SR_41	Sensitive Receptor	Recreational	Offsite	378.234	6364.553	2.35E-08	3.87E-08	Not Modelled	6.24E-10	2.00E-11	5.71E-07	2.16E-09	4.32E-10	4.32E-17	2.16E-10	5.17E-12	3.81E-12	1.06E-11	3.49E-11	2.06E-10	3.30E-12	7.45E-11	3.79E-09	3.51E-10	4.51E-09
1003	SR_42	Sensitive Receptor	Recreational	Offsite	377.951	6365.331	3.92E-08	5.73E-08	Not Modelled	1.05E-09	3.08E-11	1.09E-06	3.33E-09	6.66E-10	6.66E-17	3.33E-10	7.96E-12	5.87E-12	1.63E-11	5.38E-11	3.18E-10	5.08E-12	1.15E-10	5.83E-09	5.40E-10	6.95E-09
1004	SR_43	Sensitive Receptor	Recreational	Offsite	377.959	6366.344	1.29E-07	1.04E-07	Not Modelled	2.59E-09	7.18E-11	3.05E-06	7.76E-09	1.55E-09	1.55E-16	7.77E-10	1.86E-11	1.37E-11	3.81E-11	1.25E-10	7.41E-10	1.18E-11	2.67E-10	1.36E-08	1.26E-09	1.62E-08
1005	SR_44	Sensitive Receptor	Recreational	Offsite	377.975	6365.841	5.59E-08	9.27E-08	Not Modelled	1.63E-09	4.73E-11	1.77E-06	5.11E-09	1.02E-09	1.02E-16	5.11E-10	1.22E-11	9.01E-12	2.51E-11	8.25E-11	4.88E-10	7.80E-12	1.76E-10	8.94E-09	8.29E-10	1.07E-08
1006	SR_45	Sensitive Receptor	Recreational	Offsite	379.271	6366.934	2.04E-07	3.72E-07	Not Modelled	7.06E-09	1.87E-10	7.99E-06	2.02E-08	4.05E-09	4.05E-16	2.02E-09	4.84E-11	3.57E-11	9.92E-11	3.27E-10	1.93E-09	3.09E-11	6.97E-10	3.54E-08	3.28E-09	4.22E-08
1007	SR_46	Sensitive Receptor	Recreational	Offsite	379.247	6366.890	1.84E-07	3.34E-07	Not Modelled	6.10E-09	1.69E-10	7.07E-06	1.82E-08	3.64E-09	3.64E-16	1.82E-09	4.36E-11	3.21E-11	8.93E-11	2.94E-10	1.74E-09	2.78E-11	6.28E-10	3.19E-08	2.95E-09	3.80E-08
1008	SR_47	Sensitive Receptor	Recreational	Offsite	379.315	6366.905	1.84E-07	3.34E-07	Not Modelled	6.08E-09	1.69E-10	7.01E-06	1.82E-08	3.64E-09	3.64E-16	1.82E-09	4.36E-11	3.21E-11	8.93E-11	2.94E-10	1.74E-09	2.78E-11	6.28E-10	3.19E-08	2.96E-09	3.80E-08
1009	SR_48	Sensitive Receptor	Recreational	Offsite	379.288	6366.857	1.67E-07	3.01E-07	Not Modelled	5.29E-09	1.52E-10	6.27E-06	1.65E-08	3.29E-09	3.29E-16	1.65E-09	3.94E-11	2.90E-11	8.07E-11	2.66E-10	1.57E-09	2.51E-11	5.67E-10	2.88E-08	2.67E-09	3.43E-08
1010	SR_49	Sensitive Receptor	Recreational	Offsite	379.357	6366.872	1.66E-07	3.00E-07	Not Modelled	5.24E-09	1.52E-10	6.18E-06	1.64E-08	3.28E-09	3.28E-16	1.64E-09	3.92E-11	2.89E-11	8.05E-11	2.65E-10	1.57E-09	2.50E-11	5.66E-10	2.87E-08	2.66E-09	3.42E-08
1011	SR_50	Sensitive Receptor	Recreational	Offsite	379.321	6366.819	1.50E-07	2.67E-07	Not Modelled	4.53E-09	1.36E-10	5.47E-06	1.47E-08	2.93E-09	2.93E-16	1.47E-09	3.51E-11	2.58E-11	7.19E-11	2.37E-10	1.40E-09	2.24E-11	5.05E-10	2.57E-08	2.38E-09	3.06E-08
1012	SR_51	Sensitive Receptor	Commercial	Offsite	380.025	6370.050	1.86E-07	3.27E-07	Not Modelled	4.18E-09	1.71E-10	1.57E-06	1.85E-08	3.70E-09	3.70E-16	1.85E-09	4.43E-11	3.26E-11	9.08E-11	2.99E-10	1.77E-09	2.83E-11	6.38E-10	3.24E-08	3.00E-09	3.86E-08
1013	SR_52	Sensitive Receptor	Commercial	Offsite	379.877	6369.978	2.05E-07	3.60E-07	Not Modelled	4.66E-09	1.89E-10	1.73E-06	2.05E-08	4.09E-09	4.09E-16	2.05E-09	4.90E-11	3.61E-11	1.00E-10	3.30E-10	1.95E-09	3.12E-11	7.05E-10	3.58E-08	3.32E-09	4.27E-08
1014	SR_53	Sensitive Receptor	Commercial	Offsite	380.968	6368.921	2.98E-07	5.51E-07	Not Modelled	6.28E-09	2.75E-10	3.19E-06	2.98E-08	5.95E-09	5.95E-16	2.98E-09	7.12E-11	5.25E-11	1.46E-10	4.81E-10	2.84E-09	4.54E-11	1.03E-09	5.21E-08	4.83E-09	6.21E-08
1015	SR_54	Sensitive Receptor	Commercial	Offsite	381.099	6368.904	2.66E-07	4.92E-07	Not Modelled	5.67E-09	2.46E-10	2.90E-06	2.66E-08	5.32E-09	5.32E-16	2.66E-09	6.37E-11	4.69E-11	1.30E-10	4.30E-10	2.54E-09	4.06E-11	9.17E-10	4.66E-08	4.32E-09	5.55E-08
1016	SR_55	Sensitive Receptor	Commercial	Offsite	381.221	6368.883	2.47E-07	4.57E-07	Not Modelled	5.20E-09	2.28E-10	2.69E-06	2.47E-08	4.93E-09	4.93E-16	2.47E-09	5.90E-11	4.35E-11	1.21E-10	3.98E-10	2.36E-09	3.77E-11	8.50E-10	4.32E-08	4.00E-09	5.15E-08
1017	SR_56	Sensitive Receptor	Commercial	Offsite	380.947	6368.811	3.16E-07	5.84E-07	Not Modelled	6.51E-09	2.92E-10	3.41E-06	3.16E-08	6.31E-09	6.31E-16	3.16E-09	7.55E-11	5.57E-11	1.55E-10	5.10E-10	3.01E-09	4.82E-11	1.09E-09	5.53E-08	5.12E-09	6.59E-08
1018	SR_57	Sensitive Receptor	Commercial	Offsite	381.082	6368.798	2.82E-07	5.21E-07	Not Modelled	5.83E-09	2.60E-10	3.09E-06	2.81E-08	5.63E-09	5.63E-16	2.81E-09	6.73E-11	4.96E-11	1.38E-10	4.54E-10	2.69E-09	4.30E-11	9.70E-10	4.93E-08	4.57E-09	5.87E-08
1019	SR_58	Sensitive Receptor	Commercial	Offsite	381.293	6368.773	2.52E-07	4.68E-07	Not Modelled	5.06E-09	2.33E-10	2.71E-06	2.52E-08	5.04E-09	5.04E-16	2.52E-09	6.03E-11	4.44E-11	1.24E-10	4.07E-10	2.41E-09	3.85E-11	8.69E-10	4.41E-08	4.09E-09	5.26E-08
1020	SR_59	Sensitive Receptor	Commercial	Offsite	381.200	6368.219	3.73E-07	7.00E-07	Not Modelled	6.93E-09	3.45E-10	3.85E-06	3.73E-08	7.45E-09	7.45E-16	3.73E-09	8.91E-11	6.57E-11	1.83E-10	6.02E-10	3.56E-09	5.69E-11	1.28E-09	6.52E-08	6.04E-09	7.78E-08
1021	SR_60	Sensitive Receptor	Commercial	Offsite	382.315	6367.708	2.51E-07	4.79E-07	Not Modelled	5.47E-09	2.32E-10	2.63E-06	2.51E-08	5.01E-09	5.01E-16	2.51E-09	6.00E-11	4.42E-11	1.23E-10	4.05E-10	2.39E-09	3.83E-11	8.64E-10	4.39E-08	4.07E-09	5.23E-08
1022	SR_61	Sensitive Receptor	Commercial	Offsite	382.259	6367.717	2.58E-07	4.93E-07	Not Modelled	5.60E-09	2.39E-10	2.69E-06	2.58E-08	5.16E-09	5.16E-16	2.58E-09	6.18E-11	4.55E-11	1.27E-10	4.17E-10	2.46E-09	3.94E-11	8.90E-10	4.52E-08	4.19E-09	5.39E-08
1023	SR_62	Sensitive Receptor	Commercial	Offsite	382.229	6367.724	2.63E-07	5.01E-07	Not Modelled	5.68E-09	2.43E-10	2.73E-06	2.63E-08	5.25E-09	5.25E-16	2.63E-09	6.29E-11	4.63E-11	1.29E-10	4.24E-10	2.51E-09	4.01E-11	9.06E-10	4.60E-08	4.26E-09	5.48E-08
1024	SR_63	Sensitive Receptor	Commercial	Offsite	382.198	6367.730	2.67E-07	5.09E-07	Not Modelled	5.76E-09	2.47E-10	2.77E-06	2.67E-08	5.33E-09	5.33E-16	2.67E-09	6.38E-11	4.70E-11	1.31E-10	4.31E-10	2.55E-09	4.07E-11	9.20E-10	4.67E-08	4.33E-09	5.57E-08
1025	SR_64	Sensitive Receptor	Commercial	Offsite	382.142	6367.732	2.74E-07	5.22E-07	Not Modelled	5.90E-09	2.54E-10	2.84E-06	2.74E-08	5.48E-09	5.48E-16	2.74E-09	6.56E-11	4.83E-11	1.34E-10	4.42E-10	2.62E-09	4.18E-11	9.45E-10	4.80E-08	4.45E-09	5.72E-08
1026	SR_65	Sensitive Receptor	Commercial	Offsite	382.096	6367.715	2.82E-07	5.38E-07	Not Modelled	6.11E-09	2.61E-10	2.94E-06	2.82E-08	5.65E-09	5.65E-16	2.82E-09	6.75E-11	4.98E-11	1.38E-10	4.56E-10	2.70E-09	4.31E-11	9.73E-10	4.94E-08	4.58E-09	5.89E-08
1027	SR_66	Sensitive Receptor	Commercial	Offsite	382.059	6367.688	2.92E-07	5.57E-07	Not Modelled	6.38E-09	2.70E-10	3.08E-06	2.92E-08	5.84E-09	5.84E-16	2.92E-09	6.99E-11	5.15E-11	1.43E-10	4.72E-10	2.79E-09	4.46E-11	1.01E-09	5.12E-08	4.74E-09	6.10E-08
1028	SR_67	Sensitive Receptor	Commercial	Offsite	381.984	6367.635	3.14E-07	5.99E-07	Not Modelled	7.01E-09	2.90E-10	3.42E-06	3.14E-08	6.27E-09	6.27E-16	3.14E-09	7.51E-11	5.53E-11	1.54E-10	5.07E-10	3.00E-09	4.79E-11	1.08E-09	5.49E-08	5.09E-09	6.55E-08
1029	SR_68	Sensitive Receptor	Commercial	Offsite	381.937	6367.607	3.25E-07	6.20E-07	Not Modelled	7.39E-09	3.01E-10	3.61E-06	3.25E-08	6.50E-09	6.50E-16	3.25E-09	7.78E-11	5.73E-11	1.59E-10	5.25E-10	3.10E-09	4.96E-11	1.12E-09	5.69E-08	5.27E-09	6.79E-08
1030	SR_69	Sensitive Receptor	Commercial	Offsite	381.900	6367.578	3.33E-07	6.34E-07	Not Modelled	7.71E-09	3.08E-10	3.76E-06	3.32E-08	6.65E-09	6.65E-16	3.33E-09	7.95E-11	5.86E-11	1.63E-10	5.37E-10	3.17E-09	5.08E-11	1.15E-09	5.82E-08	5.39E-09	6.94E-08
1031	SR_70	Sensitive Receptor	Commercial	Offsite	382.308	6367.664	2.55E-07	4.88E-07	Not Modelled	5.64E-09	2.36E-10	2.72E-06	2.55E-08	5.10E-09	5.10E-16	2.55E-09	6.11E-11	4.50E-11	1.25E-10	4.12E-10	2.44E-09	3.90E-11	8.80E-10	4.47E-08	4.14E-09	5.33E-08
1032	SR_71	Sensitive Receptor	Commercial	Offsite	382.279	6367.620	2.60E-07	4.97E-07	Not Modelled	5.84E-09	2.41E-10	2.81E-06	2.60E-08	5.20E-09	5.20E-16	2.60E-09	6.22E-11	4.58E-11	1.28E-10	4.20E-10	2.48E-09	3.97E-11	8.96E-10	4.55E-08	4.22E-09	5.43E-08
1033	SR_72	Sensitive Receptor	Commercial	Offsite	382.244	6367.607	2.66E-07	5.08E-07	Not Modelled	6.00E-09	2.46E-10	2.89E-06	2.66E-08	5.32E-09	5.32E-16	2.66E-09	6.37E-11	4.69E-11	1.31E-10	4.30E-10	2.54E-09	4.06E-11	9.18E-10	4.66E-08	4.32E-09	5.55E-08
1034	SR_73	Sensitive Receptor	Commercial	Offsite	382.213	6367.622	2.71E-07	5.18E-07	Not Modelled	6.08E-09	2.51E-10	2.93E-06	2.71E-08	5.42E-09	5.42E-16	2.71E-09	6.49E-11	4.78E-11	1.33E-10	4.38E-10	2.59E-09	4.14E-11	9.35E-10	4.75E-08	4.40E-09	5.66E-08
1035	SR_74	Sensitive Receptor	Commercial	Offsite	382.187	6367.624	2.76E-07	5.27E-07	Not Modelled	6.17E-09	2.55E-10	2.97E-06	2.76E-08	5.51E-09	5.51E-16	2.76E-09	6.60E-11	4.86E-11	1.35E-10	4.45E-10	2.63E-09	4.21E-11	9.50E-10	4.83E-08	4.47E-09	5.75E-08
1036	SR_75	Sensitive Receptor	Commercial	Offsite	382.123	6367.629	2.87E-07	5.47E-07	Not Modelled	6.40E-09	2.65E-10	3.09E-06	2.87E-08	5.73E-09	5.73E-16	2.87E-09	6.86E-11	5.05E-11	1.41E-10	4.63E-10	2.74E-09	4.38E-11	9.88E-10	5.02E-08	4.65E-09	5.98E-08
1037	SR_76	Sensitive Receptor	Commercial	Offsite	382.050	6367.569	3.02E-07	5.76E-07	Not Modelled	6.95E-09	2.79E-10	3.36E-06	3.02E-08	6.04E-09	6.04E-16	3.02E-09	7.22E-11	5.32E-11	1.48E-10	4.87E-10	2.88E-09	4.61E-11	1.04E-09	5.28E-08	4.90E-09	6.30E-08
1038	SR_77	Sensitive Receptor	Commercial	Offsite	382.028	6367.547	3.08E-07	5.88E-07	Not Modelled	7.18E-09	2.85E-10	3.48E-06	3.08E-08	6.16E-09	6.16E-16	3.08E-09	7.37E-11	5.43E-11	1.51E-10	4.97E-10	2.94E-09	4.70E-11	1.06E-09	5.39E-08	5.00E-09	6.43E-08
1039	SR_78	Sensitive Receptor	Commercial	Offsite	381.920	6367.470	3.33E-07	6.35E-07	Not Modelled	8.23E-09	3.08E-10	4.03E-06	3.32E-08	6.65E-09	6.65E-16	3.33E-09	7.95E-11	5.86E-11	1.63E-10	5.37E-10	3.17E-09	5.08E-11	1.15E-09	5.82E-08	5.39E-09	6.94E-08
1040	SR_79	Sensitive Receptor	Commercial	Offsite	381.968	6367.507	3.22E-07	6.14E-07	Not Modelled	7.71E-09	2.97E-10	3.76E-06	3.21E-08	6.43E-09	6.43E-16	3.22E-09	7.69E-11	5.67E-11	1.58E-10	5.19E-10	3.07E-09	4.91E-11	1.11E-09	5.63E-08	5.22E-09	6.71E-08
1041	SR_80	Sensitive Receptor	Commercial	Offsite	381.984	6367.474	3.21E-07	6.13E-07	Not Modelled	7.83E-09	2.97E-10	3.83E-06	3.21E-08	6.41E-09	6.41E-16	3.21E-09	7.67E-11	5.65E-11	1.57E-10	5.18E-10	3.06E-09	4.90E-11	1.11E-09	5.61E-08	5.20E-09	6.69E-08
1042	SR_81	Sensitive Receptor	Commercial	Offsite	381.992	6367.443	3.21E-07	6.13E-07	Not Modelled	7.97E-09	2.97E-10	3.91E-06	3.21E-08	6.42E-09	6.42E-16	3.21E-09	7.68E-11	5.66E-11	1.57E-10	5.18E-10	3.06E-09	4.90E-11	1.11E-09	5.62E-08	5.21E-09	6.70E-08
1043	SR_82	Sensitive Receptor	Commercial	Offsite	382.087	6367.492	3.00E-07	5.73E-07	Not Modelled	7.16E-09	2.77E-10	3.48E-06	3.00E-08	5.99E-09	5.99E-16	3.00E-09	7.17E-11	5.28E-11	1.47E-10	4.84E-10	2.86E-09	4.58E-11	1.03E-09	5.25E-08	4.86E-09	6.25E-08
1044	SR_83	Sensitive Receptor	Commercial	Offsite	382.279	6367.503	2.61E-07	4.99E-07	Not Modelled	6.18E-09	2.42E-10	3.00E-06	2.61E-08	5.22E-09	5.22E-16	2.61E-09	6.25E-11	4.60E-11	1.28E-10	4.22E-10	2.49E-09	3.99E-11	9.00E-10	4.57E-08	4.24E-09	5.45E-08
1045	SR_84	Sensitive Receptor	Commercial	Offsite	382.134	6367.415	2.95E-07	5.65E-07	Not Modelled	7.33E-09	2.73E-10	3.61E-06	2.95E-08	5.90E-09	5.90E-16	2.95E-09	7.06E-11	5.20E-11	1.45E-10	4.77E-10	2.82E-09	4.51E-11	1.02E-09	5.17E-08	4.79E-09	6.16E-08
1046	SR_85	Sensitive Receptor	Commercial	Offsite	382.025	6367.371	3.16E-07	6.04E-07	Not Modelled	8.16E-09	2.92E-10	4.04E-06	3.16E-08	6.31E-09	6.31E-16	3.16E-09	7.55E-11	5.56E-11	1.55E-10	5.10E-10	3.01E-09	4.82E-11	1.09E-09	5.53E-08	5.12E-09	6.59E-08
1047	SR_86	Sensitive Receptor	Commercial	Offsite	381.984	6367.353	3.23E-07	6.18E-07	Not Modelled	8.52E-09	2.99E-10	4.23E-06	3.23E-08	6.46E-09	6.46E-16	3.23E-09	7.73E-11	5.70E-11	1.59E-10	5.22E-10	3.09E-09	4.94E-11	1.11E-09	5.66E-08	5.24E-09	6.75E-08
1048	SR_87	Sensitive Receptor	Commercial	Offsite	382.204	6367.322	2.83E-07	5.41E-07	Not Modelled	7.36E-09	2.61E-10	3.71E-06	2.82E-08	5.65E-09	5.65E-16	2.82E-09	6.76E-11	4.98E-11	1.38E-10	4.56E-10	2.70E-09	4.31E-11	9.73E-10	4.94E-08	4.58E-09	5.89E-08
1049	SR_88	Sensitive Receptor	Commercial	Offsite	382.259	6367.353	2.70E-07	5.17E-07	Not Modelled	6.92E-09	2.50E-10	3.47E-06	2.70E-08	5.40E-09	5.40E-16	2.70E-09	6.46E-11	4.76E-11	1.33E-10	4.36E-10	2.58E-09	4.13E-11	9.31E-10	4.73E-08	4.38E-09	5.64E-08
1050	SR_89	Sensitive Receptor	Commercial	Offsite	381.582	6367.234	4.09E-07	7.84E-07	Not Modelled	1.46E-08	3.78E-10	6.83E-06	4.09E-08	8.17E-09	8.17E-16	4.09E-09	9.78E-11	7.20E-11	2.00E-10	6.60E-10	3.90E-09	6.24E-11	1.41E-09	7.15E-08	6.63E-09	8.53E-08
1051	SR_90	Sensitive Receptor	Commercial	Offsite	381.478	6367.196	4.27E-07	8.20E-07	Not Modelled	1.75E-08	3.95E-10	7.70E-06	4.27E-08	8.54E-09	8.54E-16	4.27E-09	1.02E-10	7.53E-11	2.10E-10	6.90E-10	4.08E-09	6.52E-11	1.47E-09	7.48E-08	6.93E-09	8.92E-08
1052	SR_91	Sensitive Receptor	Commercial	Offsite	381.361	6367.097	4.31E-07	8.29E-07	Not Modelled	2.27E-08	3.98E-10	9.33E-06	4.31E-08	8.61E-09	8.61E-16	4.31E-09	1.03E-10	7.59E-11	2.11E-10	6.95E-10	4.11E-09	6.58E-11	1.48E-09	7.54E-08	6.99E-09	8.99E-08

AQIA DATA - SCENARIO 2 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**3.08E-06**	**5.69E-06**	**0.00E+00**	**3.69E-07**	**2.85E-09**	**1.88E-04**	**3.08E-07**	**6.16E-08**	**6.16E-15**	**3.08E-08**	**7.37E-10**	**5.43E-10**	**1.51E-09**	**4.98E-09**	**2.94E-08**	**4.71E-10**	**1.06E-08**	**5.40E-07**	**5.00E-08**	**6.43E-07**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1053	SR_92	Sensitive Receptor	Commercial	Offsite	381.275	6366.951	3.94E-07	7.58E-07	Not Modelled	2.65E-08	3.64E-10	1.04E-05	3.94E-08	7.87E-09	7.87E-16	3.94E-09	9.42E-11	6.94E-11	1.93E-10	6.36E-10	3.76E-09	6.01E-11	1.36E-09	6.89E-08	6.39E-09	8.22E-08
1054	SR_93	Sensitive Receptor	Commercial	Offsite	381.116	6366.837	3.81E-07	7.35E-07	Not Modelled	3.13E-08	3.52E-10	1.15E-05	3.80E-08	7.61E-09	7.61E-16	3.81E-09	9.10E-11	6.71E-11	1.87E-10	6.14E-10	3.63E-09	5.81E-11	1.31E-09	6.66E-08	6.17E-09	7.94E-08
1055	SR_94	Sensitive Receptor	Commercial	Offsite	381.094	6366.907	4.04E-07	7.80E-07	Not Modelled	3.46E-08	3.73E-10	1.22E-05	4.04E-08	8.07E-09	8.07E-16	4.04E-09	9.66E-11	7.12E-11	1.98E-10	6.52E-10	3.85E-09	6.16E-11	1.39E-09	7.07E-08	6.55E-09	8.43E-08
1056	SR_95	Sensitive Receptor	Commercial	Offsite	381.006	6366.786	3.85E-07	7.42E-07	Not Modelled	3.35E-08	3.55E-10	1.20E-05	3.84E-08	7.67E-09	7.67E-16	3.84E-09	9.18E-11	6.76E-11	1.88E-10	6.20E-10	3.66E-09	5.86E-11	1.32E-09	6.72E-08	6.22E-09	8.01E-08
1057	SR_96	Sensitive Receptor	Commercial	Offsite	380.977	6366.863	4.13E-07	7.98E-07	Not Modelled	3.88E-08	3.81E-10	1.32E-05	4.12E-08	8.24E-09	8.24E-16	4.12E-09	9.86E-11	7.26E-11	2.02E-10	6.65E-10	3.93E-09	6.29E-11	1.42E-09	7.21E-08	6.68E-09	8.60E-08
1058	SR_97	Sensitive Receptor	Commercial	Offsite	380.891	6366.784	4.09E-07	7.90E-07	Not Modelled	3.73E-08	3.77E-10	1.30E-05	4.07E-08	8.14E-09	8.14E-16	4.07E-09	9.75E-11	7.18E-11	2.00E-10	6.58E-10	3.89E-09	6.22E-11	1.40E-09	7.13E-08	6.61E-09	8.50E-08
1059	SR_98	Sensitive Receptor	Commercial	Offsite	380.805	6366.748	4.18E-07	8.06E-07	Not Modelled	3.61E-08	3.85E-10	1.31E-05	4.16E-08	8.31E-09	8.31E-16	4.16E-09	9.95E-11	7.33E-11	2.04E-10	6.71E-10	3.97E-09	6.35E-11	1.43E-09	7.28E-08	6.74E-09	8.68E-08
1060	SR_99	Sensitive Receptor	Commercial	Offsite	380.847	6366.881	4.51E-07	8.73E-07	Not Modelled	4.57E-08	4.16E-10	1.50E-05	4.50E-08	8.99E-09	8.99E-16	4.50E-09	1.08E-10	7.93E-11	2.21E-10	7.26E-10	4.29E-09	6.87E-11	1.55E-09	7.87E-08	7.30E-09	9.39E-08
1061	SR_100	Sensitive Receptor	Commercial	Offsite	380.737	6366.834	4.77E-07	9.24E-07	Not Modelled	4.53E-08	4.40E-10	1.57E-05	4.75E-08	9.50E-09	9.50E-16	4.75E-09	1.14E-10	8.38E-11	2.33E-10	7.67E-10	4.54E-09	7.26E-11	1.64E-09	8.32E-08	7.71E-09	9.92E-08
1062	SR_101	Sensitive Receptor	Commercial	Offsite	380.618	6366.790	4.92E-07	9.52E-07	Not Modelled	3.99E-08	4.54E-10	1.57E-05	4.90E-08	9.80E-09	9.80E-16	4.90E-09	1.17E-10	8.64E-11	2.40E-10	7.92E-10	4.68E-09	7.49E-11	1.69E-09	8.58E-08	7.95E-09	1.02E-07
1063	SR_102	Sensitive Receptor	Commercial	Offsite	380.624	6366.748	4.61E-07	8.89E-07	Not Modelled	3.50E-08	4.24E-10	1.43E-05	4.58E-08	9.16E-09	9.16E-16	4.58E-09	1.10E-10	8.08E-11	2.25E-10	7.40E-10	4.38E-09	7.00E-11	1.58E-09	8.02E-08	7.43E-09	9.56E-08
1064	SR_103	Sensitive Receptor	Commercial	Offsite	380.642	6366.704	4.28E-07	8.22E-07	Not Modelled	3.06E-08	3.93E-10	1.30E-05	4.25E-08	8.49E-09	8.49E-16	4.25E-09	1.02E-10	7.48E-11	2.08E-10	6.86E-10	4.05E-09	6.48E-11	1.46E-09	7.43E-08	6.89E-09	8.86E-08
1065	SR_104	Sensitive Receptor	Commercial	Offsite	380.635	6366.669	4.07E-07	7.77E-07	Not Modelled	2.69E-08	3.72E-10	1.21E-05	4.02E-08	8.04E-09	8.04E-16	4.02E-09	9.62E-11	7.09E-11	1.97E-10	6.50E-10	3.84E-09	6.14E-11	1.39E-09	7.04E-08	6.53E-09	8.40E-08
1066	SR_105	Sensitive Receptor	Commercial	Offsite	380.576	6366.501	3.06E-07	5.44E-07	Not Modelled	1.31E-08	2.68E-10	8.20E-06	2.89E-08	5.78E-09	5.78E-16	2.89E-09	6.92E-11	5.10E-11	1.42E-10	4.67E-10	2.76E-09	4.42E-11	9.97E-10	5.06E-08	4.69E-09	6.04E-08
1067	SR_106	Sensitive Receptor	Commercial	Offsite	380.668	6366.523	3.23E-07	5.91E-07	Not Modelled	1.65E-08	2.87E-10	8.79E-06	3.11E-08	6.21E-09	6.21E-16	3.11E-09	7.43E-11	5.47E-11	1.52E-10	5.01E-10	2.96E-09	4.74E-11	1.07E-09	5.44E-08	5.04E-09	6.48E-08
1068	SR_107	Sensitive Receptor	Commercial	Offsite	380.642	6366.428	2.77E-07	4.68E-07	Not Modelled	1.10E-08	2.34E-10	7.06E-06	2.53E-08	5.06E-09	5.06E-16	2.53E-09	6.05E-11	4.46E-11	1.24E-10	4.08E-10	2.42E-09	3.86E-11	8.72E-10	4.43E-08	4.10E-09	5.28E-08
1069	SR_108	Sensitive Receptor	Commercial	Offsite	380.560	6366.439	2.72E-07	4.54E-07	Not Modelled	9.92E-09	2.28E-10	6.98E-06	2.47E-08	4.94E-09	4.94E-16	2.47E-09	5.91E-11	4.35E-11	1.21E-10	3.99E-10	2.36E-09	3.77E-11	8.51E-10	4.32E-08	4.00E-09	5.15E-08
1070	SR_109	Sensitive Receptor	Commercial	Offsite	380.796	6367.033	5.13E-07	9.96E-07	Not Modelled	5.62E-08	4.74E-10	1.81E-05	5.13E-08	1.03E-08	1.03E-15	5.13E-09	1.23E-10	9.04E-11	2.51E-10	8.28E-10	4.90E-09	7.83E-11	1.77E-09	8.98E-08	8.32E-09	1.07E-07
1071	SR_110	Sensitive Receptor	Commercial	Offsite	380.770	6367.163	5.34E-07	1.04E-06	Not Modelled	5.72E-08	4.94E-10	1.90E-05	5.34E-08	1.07E-08	1.07E-15	5.34E-09	1.28E-10	9.41E-11	2.62E-10	8.63E-10	5.10E-09	8.16E-11	1.84E-09	9.35E-08	8.66E-09	1.11E-07
1072	SR_111	Sensitive Receptor	Commercial	Offsite	380.920	6367.090	4.81E-07	9.29E-07	Not Modelled	4.70E-08	4.44E-10	1.55E-05	4.80E-08	9.61E-09	9.61E-16	4.81E-09	1.15E-10	8.47E-11	2.36E-10	7.76E-10	4.59E-09	7.34E-11	1.66E-09	8.41E-08	7.79E-09	1.00E-07
1073	SR_112	Sensitive Receptor	Commercial	Offsite	380.885	6367.194	5.00E-07	9.65E-07	Not Modelled	4.62E-08	4.62E-10	1.57E-05	5.00E-08	9.99E-09	9.99E-16	5.00E-09	1.20E-10	8.81E-11	2.45E-10	8.07E-10	4.77E-09	7.63E-11	1.72E-09	8.75E-08	8.10E-09	1.04E-07
1074	SR_113	Sensitive Receptor	Commercial	Offsite	381.015	6367.123	4.75E-07	9.17E-07	Not Modelled	3.99E-08	4.40E-10	1.36E-05	4.75E-08	9.50E-09	9.50E-16	4.75E-09	1.14E-10	8.38E-11	2.33E-10	7.67E-10	4.54E-09	7.26E-11	1.64E-09	8.32E-08	7.71E-09	9.92E-08
1075	SR_114	Sensitive Receptor	Commercial	Offsite	380.973	6367.265	5.03E-07	9.68E-07	Not Modelled	3.63E-08	4.65E-10	1.30E-05	5.03E-08	1.01E-08	1.01E-15	5.03E-09	1.20E-10	8.86E-11	2.47E-10	8.12E-10	4.80E-09	7.68E-11	1.73E-09	8.80E-08	8.16E-09	1.05E-07
1076	SR_115	Sensitive Receptor	Commercial	Offsite	381.116	6367.196	4.90E-07	9.43E-07	Not Modelled	3.17E-08	4.53E-10	1.15E-05	4.90E-08	9.80E-09	9.80E-16	4.90E-09	1.17E-10	8.63E-11	2.40E-10	7.91E-10	4.68E-09	7.48E-11	1.69E-09	8.58E-08	7.95E-09	1.02E-07
1077	SR_116	Sensitive Receptor	Commercial	Offsite	381.209	6367.223	4.93E-07	9.49E-07	Not Modelled	2.65E-08	4.56E-10	1.01E-05	4.93E-08	9.86E-09	9.86E-16	4.93E-09	1.18E-10	8.69E-11	2.42E-10	7.96E-10	4.71E-09	7.53E-11	1.70E-09	8.63E-08	8.00E-09	1.03E-07
1078	SR_117	Sensitive Receptor	Commercial	Offsite	381.167	6367.318	5.14E-07	9.88E-07	Not Modelled	2.47E-08	4.75E-10	9.60E-06	5.14E-08	1.03E-08	1.03E-15	5.14E-09	1.23E-10	9.06E-11	2.52E-10	8.30E-10	4.91E-09	7.84E-11	1.77E-09	8.99E-08	8.33E-09	1.07E-07
1079	SR_118	Sensitive Receptor	Commercial	Offsite	380.620	6366.876	5.46E-07	1.06E-06	Not Modelled	5.11E-08	5.04E-10	1.84E-05	5.45E-08	1.09E-08	1.09E-15	5.45E-09	1.30E-10	9.61E-11	2.67E-10	8.80E-10	5.21E-09	8.32E-11	1.88E-09	9.54E-08	8.84E-09	1.14E-07
1083	SR_122	Sensitive Receptor	Commercial	Offsite	379.254	6368.023	1.06E-06	1.86E-06	Not Modelled	4.26E-08	9.82E-10	2.69E-05	1.06E-07	2.12E-08	2.12E-15	1.06E-08	2.54E-10	1.87E-10	5.20E-10	1.71E-09	1.01E-08	1.62E-10	3.66E-09	1.86E-07	1.72E-08	2.21E-07
1084	SR_123	Sensitive Receptor	Commercial	Offsite	379.225	6367.914	8.25E-07	1.46E-06	Not Modelled	4.30E-08	7.63E-10	2.91E-05	8.25E-08	1.65E-08	1.65E-15	8.25E-09	1.97E-10	1.45E-10	4.05E-10	1.33E-09	7.88E-09	1.26E-10	2.84E-09	1.44E-07	1.34E-08	1.72E-07
1085	SR_124	Sensitive Receptor	Commercial	Offsite	379.225	6367.808	8.58E-07	1.55E-06	Not Modelled	5.46E-08	7.94E-10	3.67E-05	8.58E-08	1.72E-08	1.72E-15	8.58E-09	2.05E-10	1.51E-10	4.21E-10	1.39E-09	8.19E-09	1.31E-10	2.96E-09	1.50E-07	1.39E-08	1.79E-07
1086	SR_125	Sensitive Receptor	Commercial	Offsite	379.141	6367.824	6.74E-07	1.21E-06	Not Modelled	4.14E-08	6.23E-10	2.73E-05	6.73E-08	1.35E-08	1.35E-15	6.74E-09	1.61E-10	1.19E-10	3.30E-10	1.09E-09	6.43E-09	1.03E-10	2.32E-09	1.18E-07	1.09E-08	1.41E-07
1087	SR_126	Sensitive Receptor	Commercial	Offsite	379.183	6367.716	8.45E-07	1.54E-06	Not Modelled	5.94E-08	7.82E-10	3.78E-05	8.45E-08	1.69E-08	1.69E-15	8.45E-09	2.02E-10	1.49E-10	4.14E-10	1.36E-09	8.07E-09	1.29E-10	2.91E-09	1.48E-07	1.37E-08	1.76E-07
1088	SR_127	Sensitive Receptor	Commercial	Offsite	379.112	6367.722	6.56E-07	1.19E-06	Not Modelled	4.56E-08	6.07E-10	2.85E-05	6.55E-08	1.31E-08	1.31E-15	6.56E-09	1.57E-10	1.16E-10	3.21E-10	1.06E-09	6.26E-09	1.00E-10	2.26E-09	1.15E-07	1.06E-08	1.37E-07
1089	SR_128	Sensitive Receptor	Commercial	Offsite	379.165	6367.610	8.38E-07	1.53E-06	Not Modelled	6.52E-08	7.75E-10	3.83E-05	8.38E-08	1.68E-08	1.68E-15	8.38E-09	2.00E-10	1.48E-10	4.11E-10	1.35E-09	8.00E-09	1.28E-10	2.89E-09	1.47E-07	1.36E-08	1.75E-07
1090	SR_129	Sensitive Receptor	Commercial	Offsite	379.059	6367.632	5.67E-07	1.04E-06	Not Modelled	4.35E-08	5.25E-10	2.54E-05	5.67E-08	1.13E-08	1.13E-15	5.67E-09	1.36E-10	9.99E-11	2.78E-10	9.15E-10	5.41E-09	8.66E-11	1.95E-09	9.93E-08	9.20E-09	1.18E-07
1091	SR_130	Sensitive Receptor	Commercial	Offsite	379.161	6367.511	7.96E-07	1.46E-06	Not Modelled	6.40E-08	7.37E-10	3.63E-05	7.96E-08	1.59E-08	1.59E-15	7.96E-09	1.90E-10	1.40E-10	3.90E-10	1.29E-09	7.60E-09	1.22E-10	2.74E-09	1.39E-07	1.29E-08	1.66E-07
1092	SR_131	Sensitive Receptor	Commercial	Offsite	379.057	6367.535	5.51E-07	1.01E-06	Not Modelled	4.40E-08	5.10E-10	2.48E-05	5.51E-08	1.10E-08	1.10E-15	5.51E-09	1.32E-10	9.71E-11	2.70E-10	8.89E-10	5.26E-09	8.41E-11	1.90E-09	9.64E-08	8.93E-09	1.15E-07
1093	SR_132	Sensitive Receptor	Commercial	Offsite	379.163	6367.411	7.38E-07	1.37E-06	Not Modelled	5.47E-08	6.82E-10	3.25E-05	7.37E-08	1.47E-08	1.47E-15	7.38E-09	1.76E-10	1.30E-10	3.62E-10	1.19E-09	7.04E-09	1.13E-10	2.54E-09	1.29E-07	1.20E-08	1.54E-07
1094	SR_133	Sensitive Receptor	Commercial	Offsite	379.073	6367.431	5.52E-07	1.02E-06	Not Modelled	4.25E-08	5.11E-10	2.45E-05	5.52E-08	1.10E-08	1.10E-15	5.52E-09	1.32E-10	9.72E-11	2.71E-10	8.91E-10	5.27E-09	8.42E-11	1.90E-09	9.66E-08	8.95E-09	1.15E-07
1095	SR_134	Sensitive Receptor	Commercial	Offsite	379.148	6367.325	6.44E-07	1.21E-06	Not Modelled	4.17E-08	5.95E-10	2.72E-05	6.43E-08	1.29E-08	1.29E-15	6.44E-09	1.54E-10	1.13E-10	3.15E-10	1.04E-09	6.14E-09	9.82E-11	2.22E-09	1.13E-07	1.04E-08	1.34E-07
1096	SR_135	Sensitive Receptor	Commercial	Offsite	378.874	6366.985	2.60E-07	4.84E-07	Not Modelled	1.03E-08	2.39E-10	9.69E-06	2.58E-08	5.16E-09	5.16E-16	2.58E-09	6.17E-11	4.55E-11	1.27E-10	4.17E-10	2.46E-09	3.94E-11	8.89E-10	4.52E-08	4.19E-09	5.38E-08
1097	SR_136	Sensitive Receptor	Commercial	Offsite	378.923	6367.045	3.00E-07	5.63E-07	Not Modelled	1.30E-08	2.77E-10	1.15E-05	2.99E-08	5.98E-09	5.98E-16	2.99E-09	7.15E-11	5.27E-11	1.47E-10	4.83E-10	2.85E-09	4.56E-11	1.03E-09	5.23E-08	4.85E-09	6.24E-08
1098	SR_137	Sensitive Receptor	Commercial	Offsite	378.989	6367.113	3.60E-07	6.78E-07	Not Modelled	1.76E-08	3.32E-10	1.43E-05	3.59E-08	7.18E-09	7.18E-16	3.59E-09	8.59E-11	6.33E-11	1.76E-10	5.80E-10	3.43E-09	5.48E-11	1.24E-09	6.29E-08	5.83E-09	7.49E-08
1099	SR_138	Sensitive Receptor	Commercial	Offsite	379.062	6367.158	4.30E-07	8.12E-07	Not Modelled	2.25E-08	3.97E-10	1.78E-05	4.29E-08	8.58E-09	8.58E-16	4.29E-09	1.03E-10	7.56E-11	2.10E-10	6.93E-10	4.10E-09	6.55E-11	1.48E-09	7.51E-08	6.96E-09	8.95E-08
1100	SR_139	Sensitive Receptor	Commercial	Offsite	378.964	6367.301	3.98E-07	7.45E-07	Not Modelled	2.70E-08	3.68E-10	1.65E-05	3.98E-08	7.95E-09	7.95E-16	3.98E-09	9.51E-11	7.01E-11	1.95E-10	6.42E-10	3.80E-09	6.07E-11	1.37E-09	6.96E-08	6.45E-09	8.30E-08
1101	SR_140	Sensitive Receptor	Commercial	Offsite	378.923	6367.354	3.65E-07	6.80E-07	Not Modelled	2.71E-08	3.38E-10	1.57E-05	3.65E-08	7.30E-09	7.30E-16	3.65E-09	8.73E-11	6.43E-11	1.79E-10	5.89E-10	3.48E-09	5.57E-11	1.26E-09	6.39E-08	5.92E-09	7.62E-08
1102	SR_141	Sensitive Receptor	Commercial	Offsite	378.792	6367.458	2.96E-07	5.48E-07	Not Modelled	2.35E-08	2.73E-10	1.32E-05	2.95E-08	5.90E-09	5.90E-16	2.95E-09	7.06E-11	5.20E-11	1.45E-10	4.76E-10	2.82E-09	4.50E-11	1.02E-09	5.17E-08	4.79E-09	6.16E-08
1103	SR_142	Sensitive Receptor	Commercial	Offsite	378.733	6367.473	2.70E-07	5.00E-07	Not Modelled	2.11E-08	2.49E-10	1.21E-05	2.69E-08	5.38E-09	5.38E-16	2.69E-09	6.44E-11	4.75E-11	1.32E-10	4.35E-10	2.57E-09	4.11E-11	9.28E-10	4.71E-08	4.37E-09	5.62E-08
1104	SR_143	Sensitive Receptor	Commercial	Offsite	378.702	6367.482	2.58E-07	4.77E-07	Not Modelled	1.99E-08	2.38E-10	1.15E-05	2.57E-08	5.14E-09	5.14E-16	2.57E-09	6.15E-11	4.53E-11	1.26E-10	4.15E-10	2.46E-09	3.93E-11	8.87E-10	4.50E-08	4.17E-09	5.37E-08
1105	SR_144	Sensitive Receptor	Commercial	Offsite	378.653	6367.502	2.39E-07	4.42E-07	Not Modelled	1.81E-08	2.21E-10	1.05E-05	2.38E-08	4.77E-09	4.77E-16	2.39E-09	5.70E-11	4.20E-11	1.17E-10	3.85E-10	2.28E-09	3.64E-11	8.22E-10	4.17E-08	3.87E-09	4.98E-08
1106	SR_145	Sensitive Receptor	Commercial	Offsite	378.569	6367.541	2.11E-07	3.87E-07	Not Modelled	1.52E-08	1.94E-10	8.90E-06	2.10E-08	4.20E-09	4.20E-16	2.10E-09	5.02E-11	3.70E-11	1.03E-10	3.39E-10	2.00E-09	3.20E-11	7.23E-10	3.67E-08	3.40E-09	4.38E-08
1107	SR_146	Sensitive Receptor	Commercial	Offsite	378.477	6367.579	1.88E-07	3.44E-07	Not Modelled	1.28E-08	1.73E-10	7.69E-06	1.87E-08	3.74E-09	3.74E-16	1.87E-09	4.47E-11	3.29E-11	9.17E-11	3.02E-10	1.78E-09	2.85E-11	6.44E-10	3.27E-08	3.03E-09	3.90E-08
1108	SR_147	Sensitive Receptor	Commercial	Offsite	378.406	6367.608	1.74E-07	3.17E-07	Not Modelled	1.13E-08	1.60E-10	6.91E-06	1.73E-08	3.45E-09	3.45E-16	1.73E-09	4.13E-11	3.04E-11	8.47E-11	2.79E-10	1.65E-09	2.64E-11	5.95E-10	3.02E-08	2.80E-09	3.60E-08
1109	SR_148	Sensitive Receptor	Commercial	Offsite	378.336	6367.614	1.62E-07	2.94E-07	Not Modelled	1.00E-08	1.49E-10	6.26E-06	1.61E-08	3.21E-09	3.21E-16	1.61E-09	3.85E-11	2.83E-11	7.88E-11	2.60E-10	1.53E-09	2.45E-11	5.54E-10	2.81E-08	2.61E-09	3.36E-08
1110	SR_149	Sensitive Receptor	Commercial	Offsite	378.241	6367.632	1.49E-07	2.68E-07	Not Modelled	8.59E-09	1.36E-10	5.52E-06	1.47E-08	2.95E-09	2.95E-16	1.47E-09	3.52E-11	2.60E-11	7.23E-11	2.38E-10	1.41E-09	2.25E-11	5.08E-10	2.58E-08	2.39E-09	3.07E-08
1111	SR_150	Sensitive Receptor	Commercial	Offsite	378.627	6367.413	2.28E-07	4.20E-07	Not Modelled	1.59E-08	2.10E-10	9.55E-06	2.27E-08	4.53E-09	4.53E-16	2.27E-09	5.42E-11	4.00E-11	1.11E-10	3.66E-10	2.16E-09	3.46E-11	7.81E-10	3.97E-08	3.68E-09	4.73E-08
1112	SR_151	Sensitive Receptor	Commercial	Offsite	378.697	6367.402	2.51E-07	4.64E-07	Not Modelled	1.84E-08	2.31E-10	1.08E-05	2.50E-08	5.00E-09	5.00E-16	2.50E-09	5.98E-11	4.41E-11	1.23E-10	4.04E-10	2.39E-09	3.82E-11	8.62E-10	4.38E-08	4.06E-09	5.22E-08
1113	SR_152	Sensitive Receptor	Commercial	Offsite	378.761	6367.380	2.75E-07	5.09E-07	Not Modelled	2.04E-08	2.54E-10	1.18E-05	2.74E-08	5.48E-09	5.48E-16	2.74E-09	6.55E-11	4.83E-11	1.34E-10	4.42E-10	2.62E-09	4.18E-11	9.44E-10	4.80E-08	4.44E-09	5.72E-08
1114	SR_153	Sensitive Receptor	Commercial	Offsite	378.819	6367.354	3.00E-07	5.58E-07	Not Modelled	2.21E-08	2.77E-10	1.28E-05	3.00E-08	6.00E-09	6.00E-16	3.00E-09	7.17E-11	5.29E-11	1.47E-10	4.84E-10	2.86E-09	4.58E-11	1.03E-09	5.25E-08	4.86E-09	6.26E-08
1115	SR_154	Sensitive Receptor	Commercial	Offsite	378.854	6367.312	3.17E-07	5.91E-07	Not Modelled	2.21E-08	2.93E-10	1.32E-05	3.17E-08	6.33E-09	6.33E-16	3.17E-09	7.58E-11	5.58E-11	1.55E-10	5.12E-10	3.02E-09	4.84E-11	1.09E-09	5.55E-08	5.14E-09	6.61E-08
1116	SR_155	Sensitive Receptor	Commercial	Offsite	377.826	6367.113	1.10E-07	1.42E-07	Not Modelled	4.12E-09	8.06E-11	3.25E-06	8.71E-09	1.74E-09	1.74E-16	8.72E-10	2.08E-11	1.54E-11	4.27E-11	1.41E-10	8.32E-10	1.33E-11	3.00E-10	1.53E-08	1.41E-09	1.82E-08
1117	SR_156	Sensitive Receptor	Commercial	Offsite	377.870	6367.171	1.11E-07	1.59E-07	Not Modelled	4.57E-09	8.67E-11	3.45E-06	9.37E-09	1.87E-09	1.87E-16	9.37E-10	2.24E-11	1.65E-11	4.59E-11	1.51E-10	8.94E-10	1.43E-11	3.23E-10	1.64E-08	1.52E-09	1.96E-08
1118	SR_157	Sensitive Receptor	Commercial	Offsite	377.916	6367.222	1.13E-07	1.75E-07	Not Modelled	5.00E-09	9.27E-11	3.64E-06	1.00E-08	2.00E-09	2.00E-16	1.00E-09	2.40E-11	1.77E-11	4.91E-11	1.62E-10	9.56E-10	1.53E-11	3.45E-10	1.75E-08	1.62E-09	2.09E-08
1119	SR_158	Sensitive Receptor	Commercial	Offsite	377.760	6367.376	1.04E-07	1.64E-07	Not Modelled	4.31E-09	8.68E-11	3.21E-06	9.38E-09	1.88E-09	1.88E-16	9.38E-10	2.24E-11	1.65E-11	4.60E-11	1.51E-10	8.95E-10	1.43E-11	3.23E-10	1.64E-08	1.52E-09	1.96E-08
1120	SR_159	Sensitive Receptor	Commercial	Offsite	377.921	6367.349	1.14E-07	1.88E-07	Not Modelled	5.28E-09	9.78E-11	3.72E-06	1.06E-08	2.11E-09	2.11E-16	1.06E-09	2.53E-11	1.86E-11	5.18E-11	1.71E-10	1.01E-09	1.61E-11	3.64E-10	1.85E-08	1.72E-09	2.21E-08
1121	SR_160	Sensitive Receptor	Commercial	Offsite	377.993	6367.305	1.19E-07	1.98E-07	Not Modelled	5.67E-09	1.03E-10	3.98E-06	1.11E-08	2.22E-09	2.22E-16	1.11E-09	2.66E-11	1.96E-11	5.45E-11	1.79E-10	1.06E-09	1.70E-11	3.83E-10	1.95E-08	1.80E-09	2.32E-08
1122	SR_161	Sensitive Receptor	Commercial	Offsite	378.073	6367.241	1.25E-07	2.10E-07	Not Modelled	5.92E-09	1.09E-10	4.24E-06	1.17E-08	2.35E-09	2.35E-16	1.17E-09	2.81E-11	2.07E-11	5.75E-11	1.89E-10	1.12E-09	1.79E-11	4.04E-10	2.05E-08	1.90E-09	2.45E-08
1123	SR_162	Sensitive Receptor	Commercial	Offsite	378.163	6367.162	1.34E-07	2.26E-07	Not Modelled	5.93E-09	1.16E-10	4.49E-06	1.26E-08	2.51E-09	2.51E-16	1.26E-09	3.01E-11	2.22E-11	6.17E-11	2.03E-10	1.20E-09	1.92E-11	4.33E-10	2.20E-08	2.04E-09	2.62E-08
1124	SR_163	Sensitive Receptor	Commercial	Offsite	378.088	6367.753	1.38E-07	2.45E-07	Not Modelled	6.94E-09	1.26E-10	4.69E-06	1.36E-08	2.72E-09	2.72E-16	1.36E-09	3.26E-11	2.40E-11	6.68E-11	2.20E-10	1.30E-09	2.08E-11	4.69E-10	2.38E-08	2.21E-09	2.84E-08
1125	SR_164	Sensitive Receptor	Commercial	Offsite	378.256	6367.720	1.55E-07	2.79E-07	Not Modelled	9.10E-09	1.42E-10	5.80E-06	1.54E-08	3.07E-09	3.07E-16	1.54E-09	3.68E-11	2.71E-11	7.54E-11	2.48E-10	1.47E-09	2.35E-11	5.30E-10	2.69E-08	2.49E-09	3.21E-08
1126	SR_165	Sensitive Receptor	Commercial	Offsite	378.876	6367.612	3.50E-07	6.45E-07	Not Modelled	2.85E-08	3.24E-10	1.58E-05	3.50E-08	6.99E-09	6.99E-16	3.50E-09	8.36E-11	6.16E-11	1.71E-10	5.65E-10	3.34E-09	5.34E-11	1.21E-09	6.12E-08	5.67E-09	7.30E-08
1127	SR_166	Sensitive Receptor	Commercial	Offsite	378.920	6367.705	3.87E-07	7.09E-07	Not Modelled	3.00E-08	3.58E-10	1.70E-05	3.87E-08	7.74E-09	7.74E-16	3.87E-09	9.26E-11	6.82E-11	1.90E-10	6.25E-10	3.69E-09	5.91E-11	1.33E-09	6.78E-08	6.28E-09	8.08E-08
1128	SR_167	Sensitive Receptor	Commercial	Offsite	378.964	6367.793	4.30E-07	7.80E-07	Not Modelled	3.05E-08	3.97E-10	1.79E-05	4.29E-08	8.58E-09	8.58E-16	4.29E-09	1.03E-10	7.57E-11	2.11E-10	6.93E-10	4.10E-09	6.55E-11	1.48E-09	7.52E-08	6.96E-09	8.96E-08
1129	SR_168	Sensitive Receptor	Commercial	Offsite	379.099	6367.879	6.00E-07	1.07E-06	Not Modelled	3.53E-08	5.55E-10	2.28E-05	6.00E-08	1.20E-08	1.20E-15	6.00E-09	1.44E-10	1.06E-10	2.94E-10	9.69E-10	5.73E-09	9.16E-11	2.07E-09	1.05E-07	9.74E-09	1.25E-07
1130	SR_169	Sensitive Receptor	Commercial	Offsite	379.002	6367.908	4.72E-07	8.38E-07	Not Modelled	2.85E-08	4.36E-10	1.72E-05	4.71E-08	9.43E-09	9.43E-16	4.72E-09	1.13E-10	8.31E-11	2.31E-10	7.61E-10	4.50E-09	7.20E-11	1.62E-09	8.25E-08	7.65E-09	9.84E-08
1131	SR_170	Sensitive Receptor	Commercial	Offsite	379.117	6368.012	6.75E-07	1.17E-06	Not Modelled	2.97E-08	6.25E-10	1.88E-05	6.75E-08	1.35E-08	1.35E-15	6.75E-09	1.62E-10	1.19E-10	3.31E-10	1.09E-09	6.45E-09	1.03E-10	2.33E-09	1.18E-07	1.10E-08	1.41E-07
1132	SR_171	Sensitive Receptor	Commercial	Offsite	378.717	6367.632	2.61E-07	4.81E-07	Not Modelled	2.09E-08	2.41E-10	1.17E-05	2.60E-08	5.20E-09	5.20E-16	2.60E-09	6.22E-11	4.59E-11	1.28E-10	4.20E-10	2.48E-09	3.97E-11	8.97E-10	4.55E-08	4.22E-09	5.43E-08
1133	SR_172	Sensitive Receptor	Commercial	Offsite	378.746	6367.705	2.75E-07	5.06E-07	Not Modelled	2.18E-08	2.54E-10	1.22E-05	2.75E-08	5.49E-09	5.49E-16	2.75E-09	6.57E-11	4.84E-11	1.35E-10	4.44E-10	2.62E-09	4.20E-11	9.47E-10	4.81E-08	4.46E-09	5.73E-08
1134	SR_173	Sensitive Receptor	Commercial	Offsite	378.578	6367.698	2.15E-07	3.94E-07	Not Modelled	1.59E-08	1.98E-10	9.21E-06	2.14E-08	4.28E-09	4.28E-16	2.14E-09	5.12E-11	3.77E-11	1.05E-10	3.46E-10	2.04E-09	3.27E-11	7.38E-10	3.75E-08	3.47E-09	4.47E-08
1135	SR_174	Sensitive Receptor	Commercial	Offsite	379.073	6368.261	8.04E-07	1.39E-06	Not Modelled	2.41E-08	7.44E-10	1.31E-05	8.04E-08	1.61E-08	1.61E-15	8.04E-09	1.92E-10	1.42E-10	3.94E-10	1.30E-09	7.68E-09	1.23E-10	2.77E-09	1.41E-07	1.30E-08	1.68E-07
1136	SR_175	Sensitive Receptor	Commercial	Offsite	379.024	6368.166	6.18E-07	1.06E-06	Not Modelled	2.22E-08	5.72E-10	1.27E-05	6.18E-08	1.24E-08	1.24E-15	6.18E-09	1.48E-10	1.09E-10	3.03E-10	9.98E-10	5.90E-09	9.43E-11	2.13E-09	1.08E-07	1.00E-08	1.29E-07
1137	SR_176	Sensitive Receptor	Commercial	Offsite	378.984	6368.287	6.31E-07	1.08E-06	Not Modelled	1.93E-08	5.84E-10	1.05E-05	6.31E-08	1.26E-08	1.26E-15	6.31E-09	1.51E-10	1.11E-10	3.09E-10	1.02E-09	6.02E-09	9.63E-11	2.17E-09	1.10E-07	1.02E-08	1.32E-07
1138	SR_177	Sensitive Receptor	Commercial	Offsite	378.925	6368.188	4.78E-07	8.12E-07	Not Modelled	1.82E-08	4.42E-10	1.03E-05	4.78E-08	9.55E-09	9.55E-16	4.78E-09	1.14E-10	8.42E-11	2.34E-10	7.71E-10	4.56E-09	7.29E-11	1.65E-09	8.36E-08	7.75E-09	9.97E-08
1139	SR_178	Sensitive Receptor	Commercial	Offsite	378.887	6368.292	4.91E-07	8.31E-07	Not Modelled	1.59E-08	4.54E-10	8.69E-06	4.90E-08	9.80E-09	9.80E-16	4.90E-09	1.17E-10	8.64E-11	2.40E-10	7.92E-10	4.68E-09	7.48E-11	1.69E-09	8.58E-08	7.95E-09	1.02E-07
1140	SR_179	Sensitive Receptor	Commercial	Offsite	378.775	6368.195	3.51E-07	5.99E-07	Not Modelled	1.48E-08	3.25E-10	8.46E-06	3.51E-08	7.01E-09	7.01E-16	3.51E-09	8.39E-11	6.18E-11	1.72E-10	5.66E-10	3.35E-09	5.36E-11	1.21E-09	6.14E-08	5.69E-09	7.32E-08

AQIA DATA - SCENARIO 2 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**3.08E-06**	**5.69E-06**	**0.00E+00**	**3.69E-07**	**2.85E-09**	**1.88E-04**	**3.08E-07**	**6.16E-08**	**6.16E-15**	**3.08E-08**	**7.37E-10**	**5.43E-10**	**1.51E-09**	**4.98E-09**	**2.94E-08**	**4.71E-10**	**1.06E-08**	**5.40E-07**	**5.00E-08**	**6.43E-07**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1141	SR_180	Sensitive Receptor	Commercial	Offsite	378.772	6368.296	3.89E-07	6.58E-07	Not Modelled	1.34E-08	3.59E-10	7.52E-06	3.88E-08	7.77E-09	7.77E-16	3.89E-09	9.29E-11	6.85E-11	1.90E-10	6.27E-10	3.71E-09	5.93E-11	1.34E-09	6.80E-08	6.30E-09	8.11E-08
1142	SR_181	Sensitive Receptor	Commercial	Offsite	378.772	6368.252	3.70E-07	6.28E-07	Not Modelled	1.39E-08	3.42E-10	7.90E-06	3.70E-08	7.39E-09	7.39E-16	3.70E-09	8.85E-11	6.52E-11	1.81E-10	5.97E-10	3.53E-09	5.65E-11	1.27E-09	6.47E-08	6.00E-09	7.72E-08
1143	SR_182	Sensitive Receptor	Commercial	Offsite	378.675	6368.349	3.52E-07	5.95E-07	Not Modelled	1.14E-08	3.25E-10	6.47E-06	3.51E-08	7.02E-09	7.02E-16	3.51E-09	8.40E-11	6.19E-11	1.72E-10	5.67E-10	3.35E-09	5.36E-11	1.21E-09	6.15E-08	5.70E-09	7.33E-08
1144	SR_183	Sensitive Receptor	Commercial	Offsite	378.609	6368.340	3.18E-07	5.39E-07	Not Modelled	1.07E-08	2.94E-10	6.16E-06	3.17E-08	6.34E-09	6.34E-16	3.17E-09	7.59E-11	5.59E-11	1.56E-10	5.12E-10	3.03E-09	4.84E-11	1.09E-09	5.55E-08	5.15E-09	6.62E-08
1145	SR_184	Sensitive Receptor	Commercial	Offsite	378.629	6368.223	2.91E-07	4.98E-07	Not Modelled	1.22E-08	2.69E-10	7.09E-06	2.90E-08	5.81E-09	5.81E-16	2.90E-09	6.95E-11	5.12E-11	1.42E-10	4.69E-10	2.77E-09	4.43E-11	1.00E-09	5.08E-08	4.71E-09	6.06E-08
1146	SR_185	Sensitive Receptor	Commercial	Offsite	378.536	6368.239	2.65E-07	4.54E-07	Not Modelled	1.09E-08	2.45E-10	6.37E-06	2.65E-08	5.29E-09	5.29E-16	2.65E-09	6.33E-11	4.67E-11	1.30E-10	4.27E-10	2.53E-09	4.04E-11	9.12E-10	4.63E-08	4.29E-09	5.52E-08
1147	SR_186	Sensitive Receptor	Commercial	Offsite	378.307	6368.270	2.27E-07	3.89E-07	Not Modelled	8.15E-09	2.09E-10	4.90E-06	2.26E-08	4.53E-09	4.53E-16	2.26E-09	5.41E-11	3.99E-11	1.11E-10	3.65E-10	2.16E-09	3.46E-11	7.80E-10	3.96E-08	3.67E-09	4.72E-08
1148	SR_187	Sensitive Receptor	Commercial	Offsite	378.355	6368.316	2.44E-07	4.16E-07	Not Modelled	8.35E-09	2.25E-10	4.97E-06	2.43E-08	4.86E-09	4.86E-16	2.43E-09	5.81E-11	4.28E-11	1.19E-10	3.92E-10	2.32E-09	3.71E-11	8.37E-10	4.25E-08	3.94E-09	5.07E-08
1149	SR_188	Sensitive Receptor	Commercial	Offsite	378.424	6368.373	2.71E-07	4.59E-07	Not Modelled	8.61E-09	2.49E-10	5.07E-06	2.70E-08	5.39E-09	5.39E-16	2.70E-09	6.45E-11	4.75E-11	1.32E-10	4.35E-10	2.57E-09	4.12E-11	9.29E-10	4.72E-08	4.37E-09	5.63E-08
1150	SR_189	Sensitive Receptor	Commercial	Offsite	378.503	6368.409	3.01E-07	5.10E-07	Not Modelled	9.02E-09	2.78E-10	5.25E-06	3.00E-08	6.00E-09	6.00E-16	3.00E-09	7.18E-11	5.29E-11	1.47E-10	4.85E-10	2.87E-09	4.58E-11	1.04E-09	5.26E-08	4.87E-09	6.27E-08
1151	SR_190	Sensitive Receptor	Commercial	Offsite	378.455	6368.515	3.13E-07	5.29E-07	Not Modelled	7.85E-09	2.89E-10	4.54E-06	3.12E-08	6.24E-09	6.24E-16	3.12E-09	7.46E-11	5.50E-11	1.53E-10	5.04E-10	2.98E-09	4.76E-11	1.07E-09	5.46E-08	5.06E-09	6.51E-08
1152	SR_191	Sensitive Receptor	Commercial	Offsite	378.411	6368.488	2.95E-07	4.98E-07	Not Modelled	7.70E-09	2.72E-10	4.51E-06	2.94E-08	5.87E-09	5.87E-16	2.94E-09	7.02E-11	5.18E-11	1.44E-10	4.74E-10	2.80E-09	4.48E-11	1.01E-09	5.14E-08	4.76E-09	6.13E-08
1153	SR_192	Sensitive Receptor	Commercial	Offsite	378.336	6368.437	2.69E-07	4.55E-07	Not Modelled	7.51E-09	2.47E-10	4.47E-06	2.67E-08	5.35E-09	5.35E-16	2.68E-09	6.40E-11	4.71E-11	1.31E-10	4.32E-10	2.55E-09	4.08E-11	9.22E-10	4.68E-08	4.34E-09	5.58E-08
1154	SR_193	Sensitive Receptor	Commercial	Offsite	378.219	6368.373	2.41E-07	4.11E-07	Not Modelled	6.98E-09	2.22E-10	4.27E-06	2.40E-08	4.79E-09	4.79E-16	2.40E-09	5.73E-11	4.22E-11	1.18E-10	3.87E-10	2.29E-09	3.66E-11	8.26E-10	4.20E-08	3.89E-09	5.00E-08
1155	SR_194	Sensitive Receptor	Commercial	Offsite	378.203	6368.530	2.65E-07	4.49E-07	Not Modelled	6.15E-09	2.43E-10	3.73E-06	2.63E-08	5.26E-09	5.26E-16	2.63E-09	6.29E-11	4.64E-11	1.29E-10	4.25E-10	2.51E-09	4.02E-11	9.07E-10	4.60E-08	4.27E-09	5.49E-08
1156	SR_195	Sensitive Receptor	Commercial	Offsite	378.276	6368.579	2.82E-07	4.75E-07	Not Modelled	6.30E-09	2.58E-10	3.75E-06	2.79E-08	5.59E-09	5.59E-16	2.79E-09	6.68E-11	4.92E-11	1.37E-10	4.51E-10	2.67E-09	4.26E-11	9.63E-10	4.89E-08	4.53E-09	5.83E-08
1157	SR_196	Sensitive Receptor	Commercial	Offsite	376.753	6367.464	6.27E-08	8.87E-08	Not Modelled	1.97E-09	4.89E-11	1.67E-06	5.28E-09	1.06E-09	1.06E-16	5.29E-10	1.26E-11	9.31E-12	2.59E-11	8.53E-11	5.05E-10	8.07E-12	1.82E-10	9.25E-09	8.57E-10	1.10E-08
1158	SR_197	Sensitive Receptor	Commercial	Offsite	376.674	6367.477	6.01E-08	8.70E-08	Not Modelled	1.88E-09	4.75E-11	1.61E-06	5.14E-09	1.03E-09	1.03E-16	5.14E-10	1.23E-11	9.05E-12	2.52E-11	8.29E-11	4.90E-10	7.84E-12	1.77E-10	8.99E-09	8.33E-10	1.07E-08
1159	SR_198	Sensitive Receptor	Commercial	Offsite	376.639	6367.566	5.89E-08	8.49E-08	Not Modelled	1.78E-09	4.66E-11	1.54E-06	5.04E-09	1.01E-09	1.01E-16	5.04E-10	1.20E-11	8.88E-12	2.47E-11	8.13E-11	4.81E-10	7.69E-12	1.74E-10	8.82E-09	8.17E-10	1.05E-08
1160	SR_199	Sensitive Receptor	Commercial	Offsite	376.608	6367.650	5.79E-08	8.34E-08	Not Modelled	1.70E-09	4.59E-11	1.49E-06	4.96E-09	9.92E-10	9.92E-17	4.96E-10	1.19E-11	8.75E-12	2.43E-11	8.01E-11	4.74E-10	7.58E-12	1.71E-10	8.69E-09	8.05E-10	1.04E-08
1161	SR_200	Sensitive Receptor	Commercial	Offsite	376.614	6367.754	5.86E-08	8.36E-08	Not Modelled	1.66E-09	4.64E-11	1.48E-06	5.01E-09	1.00E-09	1.00E-16	5.01E-10	1.20E-11	8.83E-12	2.46E-11	8.09E-11	4.78E-10	7.65E-12	1.73E-10	8.77E-09	8.13E-10	1.05E-08
1162	SR_201	Sensitive Receptor	Commercial	Offsite	376.877	6367.338	6.59E-08	9.25E-08	Not Modelled	2.22E-09	5.10E-11	1.80E-06	5.51E-09	1.10E-09	1.10E-16	5.51E-10	1.32E-11	9.71E-12	2.70E-11	8.89E-11	5.26E-10	8.41E-12	1.90E-10	9.64E-09	8.94E-10	1.15E-08
1163	SR_202	Sensitive Receptor	Commercial	Offsite	376.985	6367.308	6.97E-08	9.53E-08	Not Modelled	2.36E-09	5.30E-11	1.91E-06	5.73E-09	1.15E-09	1.15E-16	5.73E-10	1.37E-11	1.01E-11	2.81E-11	9.25E-11	5.47E-10	8.75E-12	1.98E-10	1.00E-08	9.30E-10	1.20E-08
1164	SR_203	Sensitive Receptor	Commercial	Offsite	376.866	6367.131	6.17E-08	9.25E-08	Not Modelled	2.34E-09	4.94E-11	1.80E-06	5.34E-09	1.07E-09	1.07E-16	5.34E-10	1.28E-11	9.41E-12	2.62E-11	8.62E-11	5.10E-10	8.15E-12	1.84E-10	9.35E-09	8.66E-10	1.11E-08
1165	SR_204	Sensitive Receptor	Commercial	Offsite	376.963	6367.160	6.62E-08	9.44E-08	Not Modelled	2.46E-09	5.14E-11	1.90E-06	5.55E-09	1.11E-09	1.11E-16	5.56E-10	1.33E-11	9.79E-12	2.72E-11	8.97E-11	5.30E-10	8.48E-12	1.91E-10	9.73E-09	9.01E-10	1.16E-08
1166	SR_205	Sensitive Receptor	Commercial	Offsite	376.965	6367.091	6.46E-08	9.41E-08	Not Modelled	2.49E-09	5.07E-11	1.89E-06	5.48E-09	1.10E-09	1.10E-16	5.49E-10	1.31E-11	9.67E-12	2.69E-11	8.85E-11	5.24E-10	8.37E-12	1.89E-10	9.60E-09	8.90E-10	1.14E-08
1167	SR_206	Sensitive Receptor	Commercial	Offsite	377.078	6367.131	7.11E-08	9.66E-08	Not Modelled	2.60E-09	5.35E-11	2.04E-06	5.78E-09	1.16E-09	1.16E-16	5.78E-10	1.38E-11	1.02E-11	2.83E-11	9.33E-11	5.52E-10	8.83E-12	1.99E-10	1.01E-08	9.38E-10	1.21E-08
1168	SR_207	Sensitive Receptor	Commercial	Offsite	377.128	6367.228	7.49E-08	9.82E-08	Not Modelled	2.55E-09	5.54E-11	2.07E-06	5.99E-09	1.20E-09	1.20E-16	5.99E-10	1.43E-11	1.06E-11	2.94E-11	9.67E-11	5.72E-10	9.14E-12	2.06E-10	1.05E-08	9.71E-10	1.25E-08
1169	SR_208	Sensitive Receptor	Commercial	Offsite	377.223	6367.138	7.86E-08	9.85E-08	Not Modelled	2.68E-09	5.64E-11	2.19E-06	6.09E-09	1.22E-09	1.22E-16	6.10E-10	1.46E-11	1.07E-11	2.99E-11	9.84E-11	5.82E-10	9.30E-12	2.10E-10	1.07E-08	9.89E-10	1.27E-08
1170	SR_209	Sensitive Receptor	Commercial	Offsite	377.318	6367.118	8.38E-08	9.94E-08	Not Modelled	2.75E-09	5.82E-11	2.29E-06	6.29E-09	1.26E-09	1.26E-16	6.29E-10	1.50E-11	1.11E-11	3.08E-11	1.02E-10	6.00E-10	9.60E-12	2.17E-10	1.10E-08	1.02E-09	1.31E-08
1171	SR_210	Sensitive Receptor	Commercial	Offsite	377.358	6367.001	8.50E-08	9.48E-08	Not Modelled	2.76E-09	5.68E-11	2.27E-06	6.14E-09	1.23E-09	1.23E-16	6.14E-10	1.47E-11	1.08E-11	3.01E-11	9.91E-11	5.86E-10	9.37E-12	2.11E-10	1.07E-08	9.95E-10	1.28E-08
1172	SR_211	Sensitive Receptor	Commercial	Offsite	377.376	6366.884	8.62E-08	9.34E-08	Not Modelled	2.81E-09	5.64E-11	2.25E-06	6.09E-09	1.22E-09	1.22E-16	6.09E-10	1.46E-11	1.07E-11	2.99E-11	9.84E-11	5.82E-10	9.30E-12	2.10E-10	1.07E-08	9.88E-10	1.27E-08
1173	SR_212	Sensitive Receptor	Commercial	Offsite	377.407	6366.782	9.13E-08	9.46E-08	Not Modelled	2.89E-09	5.80E-11	2.31E-06	6.27E-09	1.25E-09	1.25E-16	6.27E-10	1.50E-11	1.11E-11	3.08E-11	1.01E-10	5.99E-10	9.57E-12	2.16E-10	1.10E-08	1.02E-09	1.31E-08
1174	SR_213	Sensitive Receptor	Commercial	Offsite	377.287	6366.835	7.79E-08	9.56E-08	Not Modelled	2.82E-09	5.46E-11	2.12E-06	5.90E-09	1.18E-09	1.18E-16	5.91E-10	1.41E-11	1.04E-11	2.90E-11	9.53E-11	5.64E-10	9.01E-12	2.04E-10	1.03E-08	9.58E-10	1.23E-08
1175	SR_214	Sensitive Receptor	Commercial	Offsite	377.256	6366.904	7.61E-08	9.50E-08	Not Modelled	2.77E-09	5.40E-11	2.10E-06	5.84E-09	1.17E-09	1.17E-16	5.84E-10	1.40E-11	1.03E-11	2.86E-11	9.43E-11	5.58E-10	8.92E-12	2.01E-10	1.02E-08	9.48E-10	1.22E-08
1176	SR_215	Sensitive Receptor	Commercial	Offsite	377.234	6366.996	7.62E-08	9.53E-08	Not Modelled	2.73E-09	5.44E-11	2.13E-06	5.87E-09	1.17E-09	1.17E-16	5.88E-10	1.41E-11	1.04E-11	2.88E-11	9.48E-11	5.61E-10	8.97E-12	2.02E-10	1.03E-08	9.53E-10	1.23E-08
1177	SR_216	Sensitive Receptor	Commercial	Offsite	377.144	6366.981	7.04E-08	9.52E-08	Not Modelled	2.69E-09	5.26E-11	2.02E-06	5.68E-09	1.14E-09	1.14E-16	5.69E-10	1.36E-11	1.00E-11	2.79E-11	9.18E-11	5.43E-10	8.68E-12	1.96E-10	9.95E-09	9.22E-10	1.19E-08
1178	SR_217	Sensitive Receptor	Commercial	Offsite	377.067	6366.981	6.63E-08	9.47E-08	Not Modelled	2.62E-09	5.12E-11	1.94E-06	5.54E-09	1.11E-09	1.11E-16	5.54E-10	1.32E-11	9.76E-12	2.72E-11	8.94E-11	5.29E-10	8.45E-12	1.91E-10	9.70E-09	8.98E-10	1.16E-08
1179	SR_218	Sensitive Receptor	Commercial	Offsite	377.069	6366.882	6.42E-08	9.46E-08	Not Modelled	2.62E-09	5.05E-11	1.88E-06	5.46E-09	1.09E-09	1.09E-16	5.46E-10	1.31E-11	9.62E-12	2.68E-11	8.81E-11	5.21E-10	8.33E-12	1.88E-10	9.55E-09	8.85E-10	1.14E-08
1180	SR_219	Sensitive Receptor	Commercial	Offsite	377.137	6366.767	6.65E-08	9.74E-08	Not Modelled	2.73E-09	5.19E-11	1.91E-06	5.61E-09	1.12E-09	1.12E-16	5.61E-10	1.34E-11	9.89E-12	2.75E-11	9.06E-11	5.36E-10	8.57E-12	1.93E-10	9.82E-09	9.10E-10	1.17E-08
1181	SR_220	Sensitive Receptor	Commercial	Offsite	377.042	6366.734	6.14E-08	9.66E-08	Not Modelled	2.59E-09	5.02E-11	1.80E-06	5.42E-09	1.08E-09	1.08E-16	5.43E-10	1.30E-11	9.56E-12	2.66E-11	8.76E-11	5.18E-10	8.28E-12	1.87E-10	9.49E-09	8.80E-10	1.13E-08
1182	SR_221	Sensitive Receptor	Commercial	Offsite	376.987	6366.895	6.06E-08	9.29E-08	Not Modelled	2.49E-09	4.90E-11	1.79E-06	5.29E-09	1.06E-09	1.06E-16	5.29E-10	1.27E-11	9.32E-12	2.59E-11	8.54E-11	5.05E-10	8.08E-12	1.82E-10	9.26E-09	8.58E-10	1.10E-08
1183	SR_222	Sensitive Receptor	Commercial	Offsite	376.945	6367.001	6.13E-08	9.26E-08	Not Modelled	2.45E-09	4.92E-11	1.81E-06	5.32E-09	1.06E-09	1.06E-16	5.32E-10	1.27E-11	9.37E-12	2.61E-11	8.58E-11	5.08E-10	8.12E-12	1.83E-10	9.31E-09	8.62E-10	1.11E-08
1184	SR_223	Sensitive Receptor	Commercial	Offsite	377.095	6366.597	6.54E-08	1.05E-07	Not Modelled	2.75E-09	5.39E-11	1.90E-06	5.82E-09	1.16E-09	1.16E-16	5.83E-10	1.39E-11	1.03E-11	2.86E-11	9.40E-11	5.56E-10	8.89E-12	2.01E-10	1.02E-08	9.45E-10	1.22E-08
1185	SR_224	Sensitive Receptor	Commercial	Offsite	377.243	6366.628	7.58E-08	1.06E-07	Not Modelled	2.96E-09	5.70E-11	2.09E-06	6.16E-09	1.23E-09	1.23E-16	6.16E-10	1.47E-11	1.09E-11	3.02E-11	9.95E-11	5.88E-10	9.40E-12	2.12E-10	1.08E-08	1.00E-09	1.29E-08
1186	SR_225	Sensitive Receptor	Commercial	Offsite	377.131	6366.425	6.96E-08	1.15E-07	Not Modelled	2.80E-09	5.84E-11	1.97E-06	6.31E-09	1.26E-09	1.26E-16	6.32E-10	1.51E-11	1.11E-11	3.10E-11	1.02E-10	6.03E-10	9.64E-12	2.18E-10	1.11E-08	1.02E-09	1.32E-08
1187	SR_226	Sensitive Receptor	Commercial	Offsite	377.248	6366.469	7.83E-08	1.17E-07	Not Modelled	3.01E-09	6.12E-11	2.16E-06	6.62E-09	1.32E-09	1.32E-16	6.62E-10	1.58E-11	1.17E-11	3.25E-11	1.07E-10	6.32E-10	1.01E-11	2.28E-10	1.16E-08	1.07E-09	1.38E-08
1188	SR_227	Sensitive Receptor	Commercial	Offsite	377.219	6366.182	7.23E-08	1.22E-07	Not Modelled	2.62E-09	6.13E-11	1.99E-06	6.63E-09	1.32E-09	1.32E-16	6.63E-10	1.58E-11	1.17E-11	3.25E-11	1.07E-10	6.32E-10	1.01E-11	2.28E-10	1.16E-08	1.08E-09	1.38E-08
1189	SR_228	Sensitive Receptor	Commercial	Offsite	377.285	6366.206	7.58E-08	1.23E-07	Not Modelled	2.71E-09	6.26E-11	2.08E-06	6.76E-09	1.35E-09	1.35E-16	6.77E-10	1.62E-11	1.19E-11	3.32E-11	1.09E-10	6.45E-10	1.03E-11	2.33E-10	1.18E-08	1.10E-09	1.41E-08
1190	SR_229	Sensitive Receptor	Commercial	Offsite	377.179	6366.281	7.17E-08	1.21E-07	Not Modelled	2.72E-09	6.08E-11	1.99E-06	6.56E-09	1.31E-09	1.31E-16	6.57E-10	1.57E-11	1.16E-11	3.22E-11	1.06E-10	6.27E-10	1.00E-11	2.26E-10	1.15E-08	1.07E-09	1.37E-08
1191	SR_230	Sensitive Receptor	Commercial	Offsite	377.281	6366.326	7.83E-08	1.21E-07	Not Modelled	2.87E-09	6.27E-11	2.12E-06	6.77E-09	1.35E-09	1.35E-16	6.77E-10	1.62E-11	1.19E-11	3.32E-11	1.09E-10	6.46E-10	1.03E-11	2.33E-10	1.19E-08	1.10E-09	1.41E-08
1192	SR_231	Sensitive Receptor	Commercial	Offsite	377.760	6364.849	2.95E-08	4.55E-08	Not Modelled	8.29E-10	2.40E-11	7.61E-07	2.59E-09	5.19E-10	5.19E-17	2.60E-10	6.20E-12	4.57E-12	1.27E-11	4.19E-11	2.48E-10	3.96E-12	8.94E-11	4.54E-09	4.21E-10	5.41E-09
1193	SR_232	Sensitive Receptor	Commercial	Offsite	377.693	6364.940	3.17E-08	4.92E-08	Not Modelled	9.03E-10	2.59E-11	8.41E-07	2.80E-09	5.60E-10	5.60E-17	2.80E-10	6.69E-12	4.93E-12	1.37E-11	4.52E-11	2.67E-10	4.27E-12	9.64E-11	4.90E-09	4.54E-10	5.84E-09
1194	SR_233	Sensitive Receptor	Commercial	Offsite	378.963	6368.005	4.47E-07	7.78E-07	Not Modelled	2.36E-08	4.13E-10	1.39E-05	4.46E-08	8.93E-09	8.93E-16	4.47E-09	1.07E-10	7.87E-11	2.19E-10	7.21E-10	4.26E-09	6.81E-11	1.54E-09	7.81E-08	7.24E-09	9.32E-08
1195	SR_234	Sensitive Receptor	Commercial	Offsite	378.908	6368.061	4.08E-07	7.05E-07	Not Modelled	2.03E-08	3.77E-10	1.17E-05	4.08E-08	8.15E-09	8.15E-16	4.08E-09	9.75E-11	7.18E-11	2.00E-10	6.58E-10	3.89E-09	6.22E-11	1.40E-09	7.14E-08	6.61E-09	8.51E-08
1196	SR_235	Sensitive Receptor	Commercial	Offsite	378.876	6368.011	3.71E-07	6.50E-07	Not Modelled	2.08E-08	3.43E-10	1.20E-05	3.71E-08	7.41E-09	7.41E-16	3.71E-09	8.87E-11	6.53E-11	1.82E-10	5.99E-10	3.54E-09	5.66E-11	1.28E-09	6.49E-08	6.01E-09	7.74E-08
1197	SR_236	Sensitive Receptor	Commercial	Offsite	378.827	6368.073	3.50E-07	6.08E-07	Not Modelled	1.81E-08	3.24E-10	1.04E-05	3.50E-08	7.00E-09	7.00E-16	3.50E-09	8.38E-11	6.17E-11	1.72E-10	5.65E-10	3.34E-09	5.34E-11	1.21E-09	6.13E-08	5.68E-09	7.31E-08
1198	SR_237	Sensitive Receptor	Commercial	Offsite	378.885	6367.927	3.64E-07	6.49E-07	Not Modelled	2.30E-08	3.37E-10	1.32E-05	3.64E-08	7.28E-09	7.28E-16	3.64E-09	8.71E-11	6.42E-11	1.79E-10	5.88E-10	3.48E-09	5.56E-11	1.26E-09	6.38E-08	5.91E-09	7.60E-08
1199	SR_238	Sensitive Receptor	Commercial	Offsite	378.806	6367.885	3.10E-07	5.59E-07	Not Modelled	2.12E-08	2.87E-10	1.20E-05	3.10E-08	6.19E-09	6.19E-16	3.10E-09	7.41E-11	5.46E-11	1.52E-10	5.00E-10	2.96E-09	4.73E-11	1.07E-09	5.42E-08	5.03E-09	6.46E-08
1200	SR_239	Sensitive Receptor	Commercial	Offsite	378.751	6367.935	2.86E-07	5.12E-07	Not Modelled	1.85E-08	2.64E-10	1.05E-05	2.86E-08	5.71E-09	5.71E-16	2.86E-09	6.83E-11	5.03E-11	1.40E-10	4.61E-10	2.73E-09	4.36E-11	9.84E-10	5.00E-08	4.63E-09	5.96E-08
1201	SR_240	Sensitive Receptor	Commercial	Offsite	378.717	6367.969	2.76E-07	4.91E-07	Not Modelled	1.71E-08	2.55E-10	9.74E-06	2.75E-08	5.51E-09	5.51E-16	2.76E-09	6.59E-11	4.85E-11	1.35E-10	4.45E-10	2.63E-09	4.20E-11	9.49E-10	4.82E-08	4.47E-09	5.75E-08
1202	SR_241	Sensitive Receptor	Commercial	Offsite	378.680	6368.002	2.67E-07	4.73E-07	Not Modelled	1.59E-08	2.46E-10	9.11E-06	2.66E-08	5.32E-09	5.32E-16	2.66E-09	6.37E-11	4.69E-11	1.31E-10	4.30E-10	2.54E-09	4.06E-11	9.18E-10	4.66E-08	4.32E-09	5.56E-08
1203	SR_242	Sensitive Receptor	Commercial	Offsite	378.651	6368.026	2.60E-07	4.61E-07	Not Modelled	1.50E-08	2.40E-10	8.65E-06	2.60E-08	5.20E-09	5.20E-16	2.60E-09	6.22E-11	4.58E-11	1.27E-10	4.20E-10	2.48E-09	3.97E-11	8.96E-10	4.55E-08	4.22E-09	5.42E-08
1204	SR_243	Sensitive Receptor	Commercial	Offsite	378.609	6368.052	2.50E-07	4.41E-07	Not Modelled	1.38E-08	2.31E-10	8.02E-06	2.50E-08	5.00E-09	5.00E-16	2.50E-09	5.98E-11	4.40E-11	1.23E-10	4.03E-10	2.39E-09	3.81E-11	8.61E-10	4.37E-08	4.05E-09	5.21E-08
1205	SR_244	Sensitive Receptor	Commercial	Offsite	378.562	6368.079	2.40E-07	4.22E-07	Not Modelled	1.26E-08	2.22E-10	7.34E-06	2.40E-08	4.79E-09	4.79E-16	2.40E-09	5.74E-11	4.23E-11	1.18E-10	3.87E-10	2.29E-09	3.66E-11	8.26E-10	4.20E-08	3.89E-09	5.00E-08
1206	SR_245	Sensitive Receptor	Commercial	Offsite	378.522	6368.107	2.34E-07	4.09E-07	Not Modelled	1.17E-08	2.16E-10	6.83E-06	2.33E-08	4.67E-09	4.67E-16	2.33E-09	5.58E-11	4.11E-11	1.14E-10	3.77E-10	2.23E-09	3.56E-11	8.04E-10	4.09E-08	3.79E-09	4.87E-08
1207	SR_246	Sensitive Receptor	Commercial	Offsite	378.485	6368.131	2.30E-07	4.00E-07	Not Modelled	1.10E-08	2.12E-10	6.46E-06	2.29E-08	4.59E-09	4.59E-16	2.30E-09	5.49E-11	4.04E-11	1.13E-10	3.70E-10	2.19E-09	3.50E-11	7.91E-10	4.02E-08	3.72E-09	4.79E-08
1208	SR_247	Sensitive Receptor	Commercial	Offsite	378.426	6368.163	2.25E-07	3.90E-07	Not Modelled	1.01E-08	2.07E-10	5.95E-06	2.24E-08	4.48E-09	4.48E-16	2.24E-09	5.36E-11	3.95E-11	1.10E-10	3.62E-10	2.14E-09	3.42E-11	7.72E-10	3.92E-08	3.64E-09	4.68E-08
1209	SR_248	Sensitive Receptor	Commercial	Offsite	378.706	6367.825	2.58E-07	4.69E-07	Not Modelled	1.87E-08	2.38E-10	1.05E-05	2.57E-08	5.15E-09	5.15E-16	2.58E-09	6.16E-11	4.54E-11	1.26E-10	4.16E-10	2.46E-09	3.93E-11	8.88E-10	4.51E-08	4.18E-09	5.37E-08
1210	SR_249	Sensitive Receptor	Commercial	Offsite	378.648	6367.866	2.39E-07	4.33E-07	Not Modelled	1.65E-08	2.21E-10	9.36E-06	2.39E-08	4.78E-09	4.78E-16	2.39E-09	5.71E-11	4.21E-11	1.17E-10	3.86E-10	2.28E-09	3.65E-11	8.23E-10	4.18E-08	3.87E-09	4.98E-08
1211	SR_250	Sensitive Receptor	Commercial	Offsite	378.609	6367.896	2.31E-07	4.16E-07	Not Modelled	1.53E-08	2.13E-10	8.76E-06	2.30E-08	4.60E-09	4.60E-16	2.30E-09	5.50E-11	4.06E-11	1.13E-10	3.72E-10	2.20E-09	3.51E-11	7.93E-10	4.03E-08	3.73E-09	4.80E-08
1212	SR_251	Sensitive Receptor	Commercial	Offsite	378.585	6367.921	2.26E-07	4.06E-07	Not Modelled	1.45E-08	2.08E-10	8.35E-06	2.25E-08	4.50E-09	4.50E-16	2.25E-09	5.39E-11	3.97E-11	1.10E-10	3.64E-10	2.15E-09	3.44E-11	7.77E-10	3.94E-08	3.65E-09	4.70E-08
1213	SR_252	Sensitive Receptor	Commercial	Offsite	378.554	6367.945	2.20E-07	3.95E-07	Not Modelled	1.37E-08	2.03E-10	7.92E-06	2.20E-08	4.40E-09	4.40E-16	2.20E-09	5.26E-11	3.88E-11	1.08E-10	3.55E-10	2.10E-09	3.36E-11	7.58E-10	3.85E-08	3.57E-09	4.59E-08
1214	SR_253	Sensitive Receptor	Commercial	Offsite	378.502	6367.981	2.12E-07	3.78E-07	Not Modelled	1.24E-08	1.96E-10	7.25E-06	2.12E-08	4.23E-09	4.23E-16	2.12E-09	5.06E-11	3.73E-11	1.04E-10	3.42E-10	2.02E-09	3.23E-11	7.30E-10	3.71E-08	3.43E-09	4.42E-08
1215	SR_254	Sensitive Receptor	Commercial	Offsite	378.422	6367.937	1.92E-07	3.43E-07	Not Modelled	1.13E-08	1.77E-10	6.70E-06	1.91E-08	3.82E-09	3.82E-16	1.91E-09	4.58E-11	3.37E-11	9.38E-11	3.09E-10	1.83E-09	2.92E-11	6.59E-10	3.35E-08	3.10E-09	3.99E-08
1216	SR_255	Sensitive Receptor	Commercial	Offsite	378.460	6367.909	1.96E-07	3.53E-07	Not Modelled	1.21E-08	1.81E-10	7.13E-06	1.96E-08	3.92E-09	3.92E-16	1.96E-09	4.69E-11	3.45E-11	9.61E-11	3.16E-10	1.87E-09	2.99E-11	6.75E-10	3.43E-08	3.18E-09	4.09E-08
1217	SR_256	Sensitive Receptor	Commercial	Offsite	378.501	6367.879	2.02E-07	3.64E-07	Not Modelled	1.30E-08	1.86E-10	7.59E-06	2.01E-08	4.02E-09	4.02E-16	2.01E-09	4.82E-11	3.55E-11	9.87E-11	3.25E-10	1.92E-09	3.07E-11	6.94E-10	3.52E-08	3.27E-09	4.20E-08
1218	SR_257	Sensitive Receptor	Commercial	Offsite	378.536	6367.846	2.08E-07	3.77E-07	Not Modelled	1.40E-08	1.92E-10	8.13E-06	2.07E-08	4.15E-09	4.15E-16	2.08E-09	4.96E-11	3.66E-11	1.02E-10	3.35E-10	1.98E-09	3.17E-11	7.15E-10	3.63E-08	3.37E-09	4.33E-08
1219	SR_258	Sensitive Receptor	Commercial	Offsite	378.569	6367.806	2.15E-07	3.91E-07	Not Modelled	1.51E-08	1.98E-10	8.72E-06	2.14E-08	4.28E-09	4.28E-16	2.14E-09	5.12E-11	3.77E-11	1.05E-10	3.46E-10	2.04E-09	3.27E-11	7.38E-10	3.75E-08	3.47E-09	4.47E-08
1220	SR_259	Sensitive Receptor	Commercial	Offsite	378.637	6367.804	2.34E-07	4.27E-07	Not Modelled	1.69E-08	2.16E-10	9.64E-06	2.33E-08	4.67E-09	4.67E-16	2.33E-09	5.58E-11	4.11E-11	1.14E-10	3.77E-10	2.23E-09	3.56E-11	8.05E-10	4.09E-08	3.79E-09	4.87E-08
1221	SR_260	Sensitive Receptor	Commercial	Offsite	378.485	6367.804	1.95E-07	3.54E-07	Not Modelled	1.31E-08	1.80E-10	7.72E-06	1.94E-08	3.88E-09	3.88E-16	1.94E-09	4.65E-11	3.42E-11	9.53E-11	3.14E-10	1.85E-09	2.97E-11	6.70E-10	3.40E-08	3.15E-09	4.05E-08
1222	SR_261	Sensitive Receptor	Commercial	Offsite	378.452	6367.770	1.88E-07	3.42E-07	Not Modelled	1.26E-08	1.73E-10	7.53E-06	1.87E-08	3.74E-09	3.74E-16	1.87E-09	4.48E-11	3.30E-11	9.18E-11	3.02E-10	1.79E-09	2.86E-11	6.45E-10	3.28E-08	3.04E-09	3.91E-08
1223	SR_262	Sensitive Receptor	Commercial	Offsite	378.397	6367.821	1.79E-07	3.25E-07	Not Modelled	1.14E-08	1.65E-10	6.83E-06	1.79E-08	3.57E-09	3.57E-16	1.79E-09	4.28E-11	3.15E-11	8.77E-11	2.89E-10	1.71E-09	2.73E-11	6.16E-10	3.13E-08	2.90E-09	3.73E-08
1224	SR_263	Sensitive Receptor	Commercial	Offsite	378.331	6367.882	1.73E-07	3.10E-07	Not Modelled	1.01E-08	1.59E-10	6.09E-06	1.72E-08	3.44E-09	3.44E-16	1.72E-09	4.11E-11	3.03E-11	8.43E-11	2.78E-10	1.64E-09	2.63E-11	5.93E-10	3.01E-08	2.79E-09	3.59E-08
1225	SR_264	Sensitive Receptor	Commercial	Offsite	378.242	6368.021	1.77E-07	3.11E-07	Not Modelled	8.43E-09	1.63E-10	5.21E-06	1.76E-08	3.52E-09	3.52E-16	1.76E-09	4.21E-11	3.10E-11	8.62E-11	2.84E-10	1.68E-09	2.68E-11	6.06E-10	3.08E-08	2.85E-09	3.67E-08

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 2 GRID MAX

Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution

All Pollutants

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**3.08E-06**	**5.69E-06**	**0.00E+00**	**3.69E-07**	**2.85E-09**	**1.88E-04**	**3.08E-07**	**6.16E-08**	**6.16E-15**	**3.08E-08**	**7.37E-10**	**5.43E-10**	**1.51E-09**	**4.98E-09**	**2.94E-08**	**4.71E-10**	**1.06E-08**	**5.40E-07**	**5.00E-08**	**6.43E-07**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1226	SR_265	Sensitive Receptor	Commercial	Offsite	378.195	6368.099	1.84E-07	3.21E-07	Not Modelled	7.67E-09	1.69E-10	4.81E-06	1.83E-08	3.66E-09	3.66E-16	1.83E-09	4.38E-11	3.23E-11	8.98E-11	2.96E-10	1.75E-09	2.80E-11	6.31E-10	3.21E-08	2.97E-09	3.82E-08
1227	SR_266	Sensitive Receptor	Commercial	Offsite	378.346	6368.095	2.00E-07	3.49E-07	Not Modelled	9.39E-09	1.84E-10	5.62E-06	1.99E-08	3.98E-09	3.98E-16	1.99E-09	4.76E-11	3.51E-11	9.76E-11	3.21E-10	1.90E-09	3.04E-11	6.86E-10	3.48E-08	3.23E-09	4.15E-08
1228	SR_267	Sensitive Receptor	Commercial	Offsite	377.340	6365.871	6.65E-08	1.06E-07	Not Modelled	2.06E-09	5.45E-11	1.82E-06	5.89E-09	1.18E-09	1.18E-16	5.89E-10	1.41E-11	1.04E-11	2.89E-11	9.51E-11	5.62E-10	8.99E-12	2.03E-10	1.03E-08	9.56E-10	1.23E-08
1229	SR_268	Sensitive Receptor	Commercial	Offsite	377.340	6365.806	6.38E-08	1.02E-07	Not Modelled	1.94E-09	5.25E-11	1.75E-06	5.67E-09	1.13E-09	1.13E-16	5.67E-10	1.36E-11	9.99E-12	2.78E-11	9.15E-11	5.41E-10	8.65E-12	1.95E-10	9.92E-09	9.20E-10	1.18E-08
1230	SR_269	Sensitive Receptor	Commercial	Offsite	379.950	6370.344	1.53E-07	2.68E-07	Not Modelled	3.47E-09	1.41E-10	1.21E-06	1.52E-08	3.05E-09	3.05E-16	1.53E-09	3.65E-11	2.69E-11	7.48E-11	2.46E-10	1.46E-09	2.33E-11	5.26E-10	2.67E-08	2.47E-09	3.18E-08
1231	SR_270	Sensitive Receptor	Commercial	Offsite	376.746	6366.522	5.29E-08	9.51E-08	Not Modelled	1.98E-09	4.73E-11	1.58E-06	5.11E-09	1.02E-09	1.02E-16	5.11E-10	1.22E-11	9.01E-12	2.51E-11	8.25E-11	4.88E-10	7.80E-12	1.76E-10	8.95E-09	8.29E-10	1.07E-08
1232	SR_271	Sensitive Receptor	Residential	Offsite	378.837	6368.740	5.99E-07	1.04E-06	Not Modelled	1.29E-08	5.53E-10	6.29E-06	5.97E-08	1.19E-08	1.19E-15	5.97E-09	1.43E-10	1.05E-10	2.93E-10	9.64E-10	5.70E-09	9.12E-11	2.06E-09	1.05E-07	9.69E-09	1.25E-07
1233	SR_272	Sensitive Receptor	Residential	Offsite	378.134	6368.193	1.97E-07	3.41E-07	Not Modelled	6.83E-09	1.81E-10	4.36E-06	1.96E-08	3.92E-09	3.92E-16	1.96E-09	4.69E-11	3.46E-11	9.61E-11	3.17E-10	1.87E-09	2.99E-11	6.76E-10	3.43E-08	3.18E-09	4.09E-08
1234	SR_273	Sensitive Receptor	Residential	Offsite	378.115	6367.996	1.62E-07	2.84E-07	Not Modelled	7.05E-09	1.49E-10	4.59E-06	1.61E-08	3.22E-09	3.22E-16	1.61E-09	3.85E-11	2.83E-11	7.88E-11	2.60E-10	1.54E-09	2.45E-11	5.54E-10	2.81E-08	2.61E-09	3.36E-08
1235	SR_274	Sensitive Receptor	Residential	Offsite	378.143	6367.950	1.59E-07	2.79E-07	Not Modelled	7.45E-09	1.46E-10	4.80E-06	1.58E-08	3.15E-09	3.15E-16	1.58E-09	3.77E-11	2.78E-11	7.72E-11	2.54E-10	1.50E-09	2.40E-11	5.43E-10	2.76E-08	2.56E-09	3.29E-08
1236	SR_275	Sensitive Receptor	Residential	Offsite	378.169	6367.907	1.56E-07	2.77E-07	Not Modelled	7.82E-09	1.44E-10	5.00E-06	1.55E-08	3.11E-09	3.11E-16	1.55E-09	3.72E-11	2.74E-11	7.62E-11	2.51E-10	1.48E-09	2.37E-11	5.36E-10	2.72E-08	2.52E-09	3.24E-08
1237	SR_276	Sensitive Receptor	Residential	Offsite	378.185	6367.877	1.56E-07	2.77E-07	Not Modelled	8.08E-09	1.43E-10	5.15E-06	1.55E-08	3.09E-09	3.09E-16	1.55E-09	3.70E-11	2.72E-11	7.58E-11	2.50E-10	1.48E-09	2.36E-11	5.33E-10	2.71E-08	2.51E-09	3.23E-08
1238	SR_277	Sensitive Receptor	Residential	Offsite	378.200	6367.850	1.55E-07	2.76E-07	Not Modelled	8.30E-09	1.42E-10	5.27E-06	1.54E-08	3.08E-09	3.08E-16	1.54E-09	3.68E-11	2.71E-11	7.55E-11	2.48E-10	1.47E-09	2.35E-11	5.30E-10	2.69E-08	2.50E-09	3.21E-08
1239	SR_278	Sensitive Receptor	Residential	Offsite	378.097	6367.941	1.54E-07	2.70E-07	Not Modelled	6.96E-09	1.41E-10	4.59E-06	1.53E-08	3.05E-09	3.05E-16	1.53E-09	3.65E-11	2.69E-11	7.48E-11	2.46E-10	1.46E-09	2.33E-11	5.26E-10	2.67E-08	2.48E-09	3.18E-08
1240	SR_279	Sensitive Receptor	Residential	Offsite	378.081	6367.889	1.47E-07	2.59E-07	Not Modelled	6.83E-09	1.35E-10	4.55E-06	1.46E-08	2.91E-09	2.91E-16	1.46E-09	3.48E-11	2.57E-11	7.14E-11	2.35E-10	1.39E-09	2.22E-11	5.02E-10	2.55E-08	2.36E-09	3.04E-08
1241	SR_280	Sensitive Receptor	Residential	Offsite	378.069	6367.843	1.41E-07	2.49E-07	Not Modelled	6.71E-09	1.30E-10	4.49E-06	1.40E-08	2.80E-09	2.80E-16	1.40E-09	3.35E-11	2.47E-11	6.86E-11	2.26E-10	1.34E-09	2.14E-11	4.82E-10	2.45E-08	2.27E-09	2.92E-08
1242	SR_281	Sensitive Receptor	Residential	Offsite	378.056	6367.797	1.37E-07	2.42E-07	Not Modelled	6.57E-09	1.25E-10	4.45E-06	1.35E-08	2.70E-09	2.70E-16	1.35E-09	3.24E-11	2.38E-11	6.63E-11	2.18E-10	1.29E-09	2.07E-11	4.66E-10	2.37E-08	2.19E-09	2.82E-08
1243	SR_282	Sensitive Receptor	Residential	Offsite	378.122	6367.917	1.53E-07	2.70E-07	Not Modelled	7.26E-09	1.41E-10	4.74E-06	1.52E-08	3.04E-09	3.04E-16	1.52E-09	3.64E-11	2.68E-11	7.46E-11	2.46E-10	1.45E-09	2.32E-11	5.24E-10	2.66E-08	2.47E-09	3.17E-08
1244	SR_283	Sensitive Receptor	Residential	Offsite	378.110	6367.883	1.49E-07	2.63E-07	Not Modelled	7.15E-09	1.36E-10	4.69E-06	1.47E-08	2.95E-09	2.95E-16	1.47E-09	3.53E-11	2.60E-11	7.23E-11	2.38E-10	1.41E-09	2.25E-11	5.08E-10	2.58E-08	2.39E-09	3.08E-08
1245	SR_284	Sensitive Receptor	Residential	Offsite	378.098	6367.845	1.44E-07	2.55E-07	Not Modelled	7.02E-09	1.32E-10	4.63E-06	1.43E-08	2.85E-09	2.85E-16	1.43E-09	3.41E-11	2.52E-11	7.00E-11	2.30E-10	1.36E-09	2.18E-11	4.92E-10	2.50E-08	2.31E-09	2.98E-08
1246	SR_285	Sensitive Receptor	Residential	Offsite	378.087	6367.803	1.40E-07	2.48E-07	Not Modelled	6.90E-09	1.28E-10	4.60E-06	1.38E-08	2.77E-09	2.77E-16	1.38E-09	3.31E-11	2.44E-11	6.79E-11	2.24E-10	1.32E-09	2.11E-11	4.77E-10	2.42E-08	2.25E-09	2.89E-08
1247	SR_286	Sensitive Receptor	Residential	Offsite	378.145	6367.872	1.51E-07	2.68E-07	Not Modelled	7.57E-09	1.39E-10	4.90E-06	1.50E-08	3.00E-09	3.00E-16	1.50E-09	3.58E-11	2.64E-11	7.35E-11	2.42E-10	1.43E-09	2.29E-11	5.16E-10	2.62E-08	2.43E-09	3.13E-08
1248	SR_287	Sensitive Receptor	Residential	Offsite	378.132	6367.836	1.47E-07	2.60E-07	Not Modelled	7.43E-09	1.35E-10	4.85E-06	1.45E-08	2.91E-09	2.91E-16	1.45E-09	3.48E-11	2.56E-11	7.13E-11	2.35E-10	1.39E-09	2.22E-11	5.01E-10	2.55E-08	2.36E-09	3.04E-08
1249	SR_288	Sensitive Receptor	Residential	Offsite	378.122	6367.798	1.43E-07	2.55E-07	Not Modelled	7.33E-09	1.31E-10	4.84E-06	1.42E-08	2.84E-09	2.84E-16	1.42E-09	3.40E-11	2.50E-11	6.96E-11	2.29E-10	1.36E-09	2.17E-11	4.89E-10	2.49E-08	2.30E-09	2.96E-08
1250	SR_289	Sensitive Receptor	Residential	Offsite	378.165	6367.846	1.51E-07	2.69E-07	Not Modelled	7.85E-09	1.39E-10	5.06E-06	1.50E-08	3.00E-09	3.00E-16	1.50E-09	3.58E-11	2.64E-11	7.35E-11	2.42E-10	1.43E-09	2.29E-11	5.17E-10	2.62E-08	2.43E-09	3.13E-08
1251	SR_290	Sensitive Receptor	Residential	Offsite	378.155	6367.814	1.47E-07	2.63E-07	Not Modelled	7.73E-09	1.35E-10	5.01E-06	1.46E-08	2.92E-09	2.92E-16	1.46E-09	3.50E-11	2.58E-11	7.17E-11	2.36E-10	1.40E-09	2.23E-11	5.04E-10	2.56E-08	2.37E-09	3.05E-08
1252	SR_291	Sensitive Receptor	Residential	Offsite	378.145	6367.779	1.45E-07	2.58E-07	Not Modelled	7.62E-09	1.33E-10	5.00E-06	1.43E-08	2.86E-09	2.86E-16	1.43E-09	3.43E-11	2.52E-11	7.02E-11	2.31E-10	1.37E-09	2.19E-11	4.94E-10	2.51E-08	2.32E-09	2.99E-08
1253	SR_292	Sensitive Receptor	Residential	Offsite	378.131	6367.743	1.41E-07	2.52E-07	Not Modelled	7.43E-09	1.29E-10	4.94E-06	1.40E-08	2.80E-09	2.80E-16	1.40E-09	3.35E-11	2.47E-11	6.86E-11	2.26E-10	1.34E-09	2.14E-11	4.82E-10	2.45E-08	2.27E-09	2.92E-08
1254	SR_293	Sensitive Receptor	Residential	Offsite	378.180	6367.783	1.48E-07	2.65E-07	Not Modelled	8.06E-09	1.36E-10	5.21E-06	1.47E-08	2.94E-09	2.94E-16	1.47E-09	3.52E-11	2.59E-11	7.22E-11	2.38E-10	1.40E-09	2.25E-11	5.07E-10	2.58E-08	2.39E-09	3.07E-08
1255	SR_294	Sensitive Receptor	Residential	Offsite	378.169	6367.748	1.45E-07	2.60E-07	Not Modelled	7.89E-09	1.33E-10	5.14E-06	1.44E-08	2.88E-09	2.88E-16	1.44E-09	3.44E-11	2.54E-11	7.06E-11	2.32E-10	1.37E-09	2.20E-11	4.96E-10	2.52E-08	2.33E-09	3.00E-08
1256	SR_295	Sensitive Receptor	Residential	Offsite	378.204	6367.755	1.50E-07	2.68E-07	Not Modelled	8.37E-09	1.37E-10	5.39E-06	1.48E-08	2.97E-09	2.97E-16	1.49E-09	3.55E-11	2.62E-11	7.28E-11	2.40E-10	1.42E-09	2.27E-11	5.12E-10	2.60E-08	2.41E-09	3.10E-08
1257	SR_296	Sensitive Receptor	Residential	Offsite	378.195	6367.730	1.47E-07	2.64E-07	Not Modelled	8.21E-09	1.35E-10	5.31E-06	1.46E-08	2.92E-09	2.92E-16	1.46E-09	3.49E-11	2.57E-11	7.15E-11	2.36E-10	1.39E-09	2.23E-11	5.03E-10	2.55E-08	2.37E-09	3.04E-08
1258	SR_297	Sensitive Receptor	Residential	Offsite	378.221	6367.722	1.50E-07	2.70E-07	Not Modelled	8.57E-09	1.38E-10	5.51E-06	1.49E-08	2.98E-09	2.98E-16	1.49E-09	3.56E-11	2.62E-11	7.30E-11	2.40E-10	1.42E-09	2.27E-11	5.13E-10	2.61E-08	2.42E-09	3.11E-08
1259	SR_298	Sensitive Receptor	Residential	Offsite	381.618	6366.961	3.39E-07	6.50E-07	Not Modelled	1.49E-08	3.14E-10	7.56E-06	3.39E-08	6.78E-09	6.78E-16	3.39E-09	8.12E-11	5.98E-11	1.66E-10	5.48E-10	3.24E-09	5.18E-11	1.17E-09	5.94E-08	5.50E-09	7.08E-08
1260	SR_299	Sensitive Receptor	Residential	Offsite	379.929	6366.674	1.99E-07	3.60E-07	Not Modelled	5.12E-09	1.79E-10	6.41E-06	1.94E-08	3.88E-09	3.88E-16	1.94E-09	4.64E-11	3.42E-11	9.51E-11	3.13E-10	1.85E-09	2.96E-11	6.68E-10	3.39E-08	3.14E-09	4.05E-08
1261	SR_300	Sensitive Receptor	Residential	Offsite	379.964	6366.659	2.01E-07	3.63E-07	Not Modelled	5.19E-09	1.80E-10	6.36E-06	1.95E-08	3.90E-09	3.90E-16	1.95E-09	4.67E-11	3.44E-11	9.56E-11	3.15E-10	1.86E-09	2.98E-11	6.72E-10	3.41E-08	3.16E-09	4.07E-08
1262	SR_301	Sensitive Receptor	Residential	Offsite	379.914	6366.612	1.68E-07	2.94E-07	Not Modelled	4.11E-09	1.48E-10	5.30E-06	1.60E-08	3.20E-09	3.20E-16	1.60E-09	3.83E-11	2.82E-11	7.85E-11	2.58E-10	1.53E-09	2.44E-11	5.52E-10	2.80E-08	2.60E-09	3.34E-08
1263	SR_302	Sensitive Receptor	Residential	Offsite	379.954	6366.593	1.68E-07	2.94E-07	Not Modelled	4.13E-09	1.48E-10	5.22E-06	1.60E-08	3.20E-09	3.20E-16	1.60E-09	3.83E-11	2.82E-11	7.85E-11	2.58E-10	1.53E-09	2.44E-11	5.52E-10	2.80E-08	2.60E-09	3.34E-08
1264	SR_303	Sensitive Receptor	Residential	Offsite	377.335	6366.729	8.33E-08	9.82E-08	Not Modelled	2.91E-09	5.69E-11	2.18E-06	6.14E-09	1.23E-09	1.23E-16	6.15E-10	1.47E-11	1.08E-11	3.01E-11	9.92E-11	5.87E-10	9.38E-12	2.12E-10	1.08E-08	9.97E-10	1.28E-08
1265	SR_304	Sensitive Receptor	Residential	Offsite	377.341	6366.701	8.44E-08	9.94E-08	Not Modelled	2.94E-09	5.75E-11	2.20E-06	6.22E-09	1.24E-09	1.24E-16	6.22E-10	1.49E-11	1.10E-11	3.05E-11	1.00E-10	5.93E-10	9.49E-12	2.14E-10	1.09E-08	1.01E-09	1.30E-08
1266	SR_305	Sensitive Receptor	Residential	Offsite	377.348	6366.669	8.61E-08	1.01E-07	Not Modelled	2.97E-09	5.86E-11	2.23E-06	6.33E-09	1.27E-09	1.27E-16	6.33E-10	1.51E-11	1.12E-11	3.11E-11	1.02E-10	6.04E-10	9.67E-12	2.18E-10	1.11E-08	1.03E-09	1.32E-08
1267	SR_306	Sensitive Receptor	Residential	Offsite	377.354	6366.640	8.76E-08	1.03E-07	Not Modelled	3.01E-09	5.96E-11	2.26E-06	6.44E-09	1.29E-09	1.29E-16	6.44E-10	1.54E-11	1.14E-11	3.16E-11	1.04E-10	6.15E-10	9.83E-12	2.22E-10	1.13E-08	1.04E-09	1.34E-08
1268	SR_307	Sensitive Receptor	Residential	Offsite	377.357	6366.612	8.88E-08	1.05E-07	Not Modelled	3.03E-09	6.06E-11	2.29E-06	6.55E-09	1.31E-09	1.31E-16	6.55E-10	1.57E-11	1.15E-11	3.21E-11	1.06E-10	6.25E-10	9.99E-12	2.26E-10	1.15E-08	1.06E-09	1.37E-08
1269	SR_308	Sensitive Receptor	Residential	Offsite	377.359	6366.584	8.98E-08	1.08E-07	Not Modelled	3.06E-09	6.16E-11	2.32E-06	6.65E-09	1.33E-09	1.33E-16	6.65E-10	1.59E-11	1.17E-11	3.26E-11	1.07E-10	6.35E-10	1.02E-11	2.29E-10	1.16E-08	1.08E-09	1.39E-08
1270	SR_309	Sensitive Receptor	Residential	Offsite	377.356	6366.526	8.99E-08	1.12E-07	Not Modelled	3.07E-09	6.30E-11	2.33E-06	6.81E-09	1.36E-09	1.36E-16	6.81E-10	1.63E-11	1.20E-11	3.34E-11	1.10E-10	6.50E-10	1.04E-11	2.35E-10	1.19E-08	1.10E-09	1.42E-08
1271	SR_310	Sensitive Receptor	Residential	Offsite	377.355	6366.500	8.97E-08	1.14E-07	Not Modelled	3.07E-09	6.35E-11	2.33E-06	6.86E-09	1.37E-09	1.37E-16	6.86E-10	1.64E-11	1.21E-11	3.36E-11	1.11E-10	6.55E-10	1.05E-11	2.36E-10	1.20E-08	1.11E-09	1.43E-08
1272	SR_311	Sensitive Receptor	Residential	Offsite	377.355	6366.474	8.93E-08	1.15E-07	Not Modelled	3.05E-09	6.39E-11	2.33E-06	6.90E-09	1.38E-09	1.38E-16	6.90E-10	1.65E-11	1.22E-11	3.38E-11	1.11E-10	6.59E-10	1.05E-11	2.38E-10	1.21E-08	1.12E-09	1.44E-08
1273	SR_312	Sensitive Receptor	Residential	Offsite	377.353	6366.444	8.84E-08	1.17E-07	Not Modelled	3.03E-09	6.41E-11	2.31E-06	6.93E-09	1.39E-09	1.39E-16	6.93E-10	1.66E-11	1.22E-11	3.40E-11	1.12E-10	6.62E-10	1.06E-11	2.39E-10	1.21E-08	1.12E-09	1.45E-08
1274	SR_313	Sensitive Receptor	Residential	Offsite	377.352	6366.418	8.74E-08	1.18E-07	Not Modelled	3.00E-09	6.43E-11	2.29E-06	6.94E-09	1.39E-09	1.39E-16	6.95E-10	1.66E-11	1.22E-11	3.40E-11	1.12E-10	6.63E-10	1.06E-11	2.39E-10	1.22E-08	1.13E-09	1.45E-08
1275	SR_314	Sensitive Receptor	Residential	Offsite	377.352	6366.392	8.65E-08	1.19E-07	Not Modelled	2.97E-09	6.43E-11	2.27E-06	6.95E-09	1.39E-09	1.39E-16	6.95E-10	1.66E-11	1.22E-11	3.41E-11	1.12E-10	6.63E-10	1.06E-11	2.39E-10	1.22E-08	1.13E-09	1.45E-08
1276	SR_315	Sensitive Receptor	Residential	Offsite	377.352	6366.361	8.53E-08	1.20E-07	Not Modelled	2.93E-09	6.43E-11	2.25E-06	6.94E-09	1.39E-09	1.39E-16	6.95E-10	1.66E-11	1.22E-11	3.41E-11	1.12E-10	6.63E-10	1.06E-11	2.39E-10	1.22E-08	1.13E-09	1.45E-08
1277	SR_316	Sensitive Receptor	Residential	Offsite	377.355	6366.225	8.02E-08	1.23E-07	Not Modelled	2.75E-09	6.39E-11	2.18E-06	6.90E-09	1.38E-09	1.38E-16	6.90E-10	1.65E-11	1.22E-11	3.38E-11	1.11E-10	6.59E-10	1.05E-11	2.38E-10	1.21E-08	1.12E-09	1.44E-08
1278	SR_317	Sensitive Receptor	Residential	Offsite	377.357	6366.199	7.94E-08	1.23E-07	Not Modelled	2.71E-09	6.36E-11	2.17E-06	6.87E-09	1.37E-09	1.37E-16	6.88E-10	1.64E-11	1.21E-11	3.37E-11	1.11E-10	6.56E-10	1.05E-11	2.37E-10	1.20E-08	1.12E-09	1.43E-08
1279	SR_318	Sensitive Receptor	Residential	Offsite	377.358	6366.114	7.60E-08	1.21E-07	Not Modelled	2.55E-09	6.20E-11	2.09E-06	6.70E-09	1.34E-09	1.34E-16	6.70E-10	1.60E-11	1.18E-11	3.28E-11	1.08E-10	6.39E-10	1.02E-11	2.31E-10	1.17E-08	1.09E-09	1.40E-08
1280	SR_319	Sensitive Receptor	Residential	Offsite	377.359	6366.086	7.50E-08	1.20E-07	Not Modelled	2.50E-09	6.13E-11	2.07E-06	6.63E-09	1.33E-09	1.33E-16	6.63E-10	1.59E-11	1.17E-11	3.25E-11	1.07E-10	6.33E-10	1.01E-11	2.28E-10	1.16E-08	1.08E-09	1.38E-08
1281	SR_320	Sensitive Receptor	Residential	Offsite	377.415	6366.112	7.81E-08	1.21E-07	Not Modelled	2.55E-09	6.26E-11	2.17E-06	6.76E-09	1.35E-09	1.35E-16	6.77E-10	1.62E-11	1.19E-11	3.32E-11	1.09E-10	6.46E-10	1.03E-11	2.33E-10	1.18E-08	1.10E-09	1.41E-08
1282	SR_321	Sensitive Receptor	Residential	Offsite	377.424	6366.069	7.63E-08	1.19E-07	Not Modelled	2.45E-09	6.14E-11	2.13E-06	6.63E-09	1.33E-09	1.33E-16	6.64E-10	1.59E-11	1.17E-11	3.25E-11	1.07E-10	6.33E-10	1.01E-11	2.29E-10	1.16E-08	1.08E-09	1.38E-08
1283	SR_322	Sensitive Receptor	Residential	Offsite	377.490	6365.297	4.03E-08	6.71E-08	Not Modelled	1.20E-09	3.42E-11	1.14E-06	3.70E-09	7.40E-10	7.40E-17	3.70E-10	8.85E-12	6.52E-12	1.81E-11	5.97E-11	3.53E-10	5.65E-12	1.27E-10	6.48E-09	6.00E-10	7.72E-09
1284	SR_323	Sensitive Receptor	Residential	Offsite	377.501	6365.274	3.96E-08	6.57E-08	Not Modelled	1.18E-09	3.36E-11	1.12E-06	3.63E-09	7.25E-10	7.25E-17	3.63E-10	8.67E-12	6.39E-12	1.78E-11	5.85E-11	3.46E-10	5.53E-12	1.25E-10	6.35E-09	5.88E-10	7.57E-09
1285	SR_324	Sensitive Receptor	Residential	Offsite	377.517	6365.248	3.89E-08	6.40E-08	Not Modelled	1.15E-09	3.28E-11	1.09E-06	3.54E-09	7.08E-10	7.08E-17	3.54E-10	8.47E-12	6.24E-12	1.74E-11	5.72E-11	3.38E-10	5.41E-12	1.22E-10	6.20E-09	5.75E-10	7.39E-09
1286	SR_325	Sensitive Receptor	Residential	Offsite	377.545	6365.208	3.80E-08	6.17E-08	Not Modelled	1.11E-09	3.18E-11	1.06E-06	3.43E-09	6.86E-10	6.86E-17	3.43E-10	8.21E-12	6.05E-12	1.68E-11	5.54E-11	3.28E-10	5.24E-12	1.18E-10	6.01E-09	5.57E-10	7.16E-09
1287	SR_326	Sensitive Receptor	Residential	Offsite	377.560	6365.175	3.71E-08	5.99E-08	Not Modelled	1.08E-09	3.09E-11	1.03E-06	3.34E-09	6.68E-10	6.68E-17	3.34E-10	7.99E-12	5.89E-12	1.64E-11	5.40E-11	3.19E-10	5.10E-12	1.15E-10	5.85E-09	5.42E-10	6.98E-09
1288	SR_327	Sensitive Receptor	Residential	Offsite	377.551	6365.143	3.61E-08	5.86E-08	Not Modelled	1.06E-09	3.03E-11	9.93E-07	3.27E-09	6.54E-10	6.54E-17	3.27E-10	7.82E-12	5.76E-12	1.60E-11	5.28E-11	3.12E-10	4.99E-12	1.13E-10	5.72E-09	5.30E-10	6.82E-09
1289	SR_328	Sensitive Receptor	Residential	Offsite	377.584	6365.158	3.69E-08	5.88E-08	Not Modelled	1.07E-09	3.05E-11	1.02E-06	3.30E-09	6.60E-10	6.60E-17	3.30E-10	7.89E-12	5.81E-12	1.62E-11	5.33E-11	3.15E-10	5.03E-12	1.14E-10	5.77E-09	5.35E-10	6.88E-09
1290	SR_329	Sensitive Receptor	Residential	Offsite	377.571	6365.096	3.51E-08	5.66E-08	Not Modelled	1.02E-09	2.93E-11	9.58E-07	3.16E-09	6.33E-10	6.33E-17	3.17E-10	7.57E-12	5.58E-12	1.55E-11	5.11E-11	3.02E-10	4.83E-12	1.09E-10	5.54E-09	5.13E-10	6.60E-09
1291	SR_330	Sensitive Receptor	Residential	Offsite	377.612	6365.109	3.62E-08	5.71E-08	Not Modelled	1.05E-09	2.98E-11	1.01E-06	3.22E-09	6.43E-10	6.43E-17	3.22E-10	7.69E-12	5.67E-12	1.58E-11	5.20E-11	3.07E-10	4.91E-12	1.11E-10	5.63E-09	5.22E-10	6.71E-09
1292	SR_331	Sensitive Receptor	Residential	Offsite	377.578	6365.066	3.45E-08	5.55E-08	Not Modelled	1.00E-09	2.87E-11	9.38E-07	3.11E-09	6.21E-10	6.21E-17	3.11E-10	7.43E-12	5.47E-12	1.52E-11	5.01E-11	2.96E-10	4.74E-12	1.07E-10	5.44E-09	5.04E-10	6.48E-09
1293	SR_332	Sensitive Receptor	Residential	Offsite	377.621	6365.086	3.57E-08	5.62E-08	Not Modelled	1.03E-09	2.93E-11	9.93E-07	3.17E-09	6.34E-10	6.34E-17	3.17E-10	7.58E-12	5.58E-12	1.55E-11	5.12E-11	3.02E-10	4.84E-12	1.09E-10	5.55E-09	5.14E-10	6.61E-09
1294	SR_333	Sensitive Receptor	Residential	Offsite	377.604	6365.014	3.35E-08	5.35E-08	Not Modelled	9.72E-10	2.78E-11	9.05E-07	3.00E-09	6.01E-10	6.01E-17	3.01E-10	7.18E-12	5.29E-12	1.47E-11	4.85E-11	2.87E-10	4.58E-12	1.04E-10	5.26E-09	4.87E-10	6.27E-09
1295	SR_334	Sensitive Receptor	Residential	Offsite	377.637	6365.025	3.41E-08	5.36E-08	Not Modelled	9.83E-10	2.80E-11	9.32E-07	3.03E-09	6.05E-10	6.05E-17	3.03E-10	7.24E-12	5.33E-12	1.48E-11	4.89E-11	2.89E-10	4.62E-12	1.04E-10	5.30E-09	4.91E-10	6.32E-09
1296	SR_335	Sensitive Receptor	Residential	Offsite	377.670	6365.038	3.48E-08	5.37E-08	Not Modelled	9.95E-10	2.82E-11	9.61E-07	3.05E-09	6.10E-10	6.10E-17	3.05E-10	7.30E-12	5.38E-12	1.50E-11	4.93E-11	2.91E-10	4.66E-12	1.05E-10	5.34E-09	4.95E-10	6.37E-09
1297	SR_336	Sensitive Receptor	Residential	Offsite	377.685	6364.995	3.33E-08	5.13E-08	Not Modelled	9.47E-10	2.70E-11	8.99E-07	2.92E-09	5.84E-10	5.84E-17	2.92E-10	6.99E-12	5.15E-12	1.43E-11	4.72E-11	2.79E-10	4.46E-12	1.01E-10	5.11E-09	4.74E-10	6.10E-09
1298	SR_337	Sensitive Receptor	Residential	Offsite	377.707	6364.724	2.66E-08	4.29E-08	Not Modelled	7.59E-10	2.23E-11	6.59E-07	2.41E-09	4.82E-10	4.82E-17	2.41E-10	5.76E-12	4.25E-12	1.18E-11	3.89E-11	2.30E-10	3.68E-12	8.30E-11	4.22E-09	3.91E-10	5.03E-09
1299	SR_338	Sensitive Receptor	Residential	Offsite	377.738	6364.735	2.68E-08	4.27E-08	Not Modelled	7.59E-10	2.23E-11	6.67E-07	2.41E-09	4.82E-10	4.82E-17	2.41E-10	5.77E-12	4.25E-12	1.18E-11	3.89E-11	2.30E-10	3.68E-12	8.31E-11	4.22E-09	3.91E-10	5.03E-09
1300	SR_339	Sensitive Receptor	Residential	Offsite	377.769	6364.749	2.70E-08	4.26E-08	Not Modelled	7.61E-10	2.24E-11	6.76E-07	2.42E-09	4.83E-10	4.83E-17	2.42E-10	5.78E-12	4.26E-12	1.18E-11	3.90E-11	2.31E-10	3.69E-12	8.32E-11	4.23E-09	3.92E-10	5.04E-09
1301	SR_340	Sensitive Receptor	Residential	Offsite	377.799	6364.758	2.72E-08	4.24E-08	Not Modelled	7.60E-10	2.23E-11	6.81E-07	2.41E-09	4.83E-10	4.83E-17	2.42E-10	5.77E-12	4.26E-12	1.18E-11	3.90E-11	2.30E-10	3.68E-12	8.32E-11	4.23E-09	3.92E-10	5.04E-09
1302	SR_341	Sensitive Receptor	Residential	Offsite	377.830	6364.769	2.73E-08	4.23E-08	Not Modelled	7.60E-10	2.24E-11	6.87E-07	2.42E-09	4.83E-10	4.83E-17	2.42E-10	5.78E-12	4.26E-12	1.19E-11	3.90E-11	2.31E-10	3.69E-12	8.33E-11	4.23E-09	3.92E-10	5.04E-09
1303	SR_342	Sensitive Receptor	Residential	Offsite	377.857	6364.784	2.76E-08	4.24E-08	Not Modelled	7.63E-10	2.25E-11	6.98E-07	2.43E-09	4.86E-10	4.86E-17	2.43E-10	5.81E-12	4.28E-12	1.19E-11	3.92E-11	2.32E-10	3.71E-12	8.37E-11	4.25E-09	3.94E-10	5.07E-09
1304	SR_343	Sensitive Receptor	Residential	Offsite	380.055	6370.517	1.37E-07	2.41E-07	Not Modelled	3.10E-09	1.26E-10	1.09E-06	1.36E-08	2.73E-09	2.73E-16	1.36E-09	3.26E-11	2.40E-11	6.68E-11	2.20E-10	1.30E-09	2.08E-11	4.70E-10	2.39E-08	2.21E-09	2.84E-08
1305	NG_1	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.607	1.44E-07	2.08E-07	Not Modelled	4.00E-09	1.12E-10	4.97E-06	1.21E-08	2.42E-09	2.42E-16	1.21E-09	2.89E-11	2.13E-11	5.93E-11	1.95E-10	1.15E-09	1.85E-11	4.17E-10	2.12E-08	1.96E-09	2.52E-08
1306	NG_2	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.607	1.41E-07	2.06E-07	Not Modelled	3.93E-09	1.11E-10	4.91E-06	1.19E-08	2.39E-09	2.39E-16	1.19E-09	2.86E-11	2.10E-11	5.86E-11	1.93E-10	1.14E-09	1.82E-11	4.11E-10	2.09E-08	1.94E-09	2.49E-08
1307	NG_3	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.607	1.37E-07	2.02E-07	Not Modelled	3.84E-09	1.08E-10	4.81E-06	1.17E-08	2.34E-09	2.34E-16	1.17E-09	2.80E-11	2.07E-11	5.75E-11	1.89E-10	1.12E-09	1.79E-11	4.04E-10	2.05E-08	1.90E-09	2.45E-08
1308	NG_4	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.607	1.33E-07	1.98E-07	Not Modelled	3.72E-09	1.06E-10	4.67E-06	1.14E-08	2.29E-09	2.29E-16	1.14E-09	2.74E-11	2.02E-11	5.61E-11	1.85E-10	1.09E-09	1.75E-11	3.94E-10	2.00E-08	1.86E-09	2.39E-08
1309	NG_5	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.607	1.28E-07	1.92E-07	Not Modelled	3.57E-09	1.03E-10	4.48E-06	1.11E-08	2.22E-09	2.22E-16	1.11E-09	2.66E-11	1.96E-11	5.45E-11	1.79E-10	1.06E-09	1.70E-11	3.83E-10	1.94E-08	1.80E-09	2.32E-08
1310	NG_6	Nested Grid - 50m	Parks/ Recreation	Offsite	378.914	6366.607	1.24E-07	1.86E-07	Not Modelled	3.43E-09	9.97E-11	4.29E-06	1.08E-08	2.15E-09	2.15E-16	1.08E-09	2.58E-11	1.90E-11	5.28E-11	1.74E-10	1.03E-09	1.64E-11	3.71E-10	1.89E-08	1.75E-09	2.25E-08

AQIA DATA - SCENARIO 2 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**3.08E-06**	**5.69E-06**	**0.00E+00**	**3.69E-07**	**2.85E-09**	**1.88E-04**	**3.08E-07**	**6.16E-08**	**6.16E-15**	**3.08E-08**	**7.37E-10**	**5.43E-10**	**1.51E-09**	**4.98E-09**	**2.94E-08**	**4.71E-10**	**1.06E-08**	**5.40E-07**	**5.00E-08**	**6.43E-07**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1311	NG_7	Nested Grid - 50m	Parks/ Recreation	Offsite	378.964	6366.607	1.20E-07	1.81E-07	Not Modelled	3.30E-09	9.71E-11	4.13E-06	1.05E-08	2.10E-09	2.10E-16	1.05E-09	2.51E-11	1.85E-11	5.15E-11	1.69E-10	1.00E-09	1.60E-11	3.62E-10	1.84E-08	1.70E-09	2.19E-08
1312	NG_8	Nested Grid - 50m	Parks/ Recreation	Offsite	379.014	6366.607	1.17E-07	1.77E-07	Not Modelled	3.18E-09	9.48E-11	3.98E-06	1.02E-08	2.05E-09	2.05E-16	1.02E-09	2.45E-11	1.80E-11	5.02E-11	1.65E-10	9.78E-10	1.56E-11	3.53E-10	1.79E-08	1.66E-09	2.14E-08
1313	NG_9	Nested Grid - 50m	Parks/ Recreation	Offsite	379.064	6366.607	1.14E-07	1.73E-07	Not Modelled	3.06E-09	9.26E-11	3.83E-06	1.00E-08	2.00E-09	2.00E-16	1.00E-09	2.39E-11	1.76E-11	4.91E-11	1.62E-10	9.55E-10	1.53E-11	3.45E-10	1.75E-08	1.62E-09	2.09E-08
1314	NG_10	Nested Grid - 50m	Parks/ Recreation	Offsite	379.114	6366.607	1.11E-07	1.69E-07	Not Modelled	2.94E-09	9.03E-11	3.69E-06	9.76E-09	1.95E-09	1.95E-16	9.77E-10	2.33E-11	1.72E-11	4.79E-11	1.58E-10	9.32E-10	1.49E-11	3.36E-10	1.71E-08	1.58E-09	2.04E-08
1315	NG_11	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.607	1.08E-07	1.65E-07	Not Modelled	2.83E-09	8.84E-11	3.57E-06	9.55E-09	1.91E-09	1.91E-16	9.56E-10	2.28E-11	1.68E-11	4.68E-11	1.54E-10	9.12E-10	1.46E-11	3.29E-10	1.67E-08	1.55E-09	1.99E-08
1316	NG_12	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.607	1.05E-07	1.62E-07	Not Modelled	2.73E-09	8.64E-11	3.46E-06	9.34E-09	1.87E-09	1.87E-16	9.34E-10	2.23E-11	1.65E-11	4.58E-11	1.51E-10	8.92E-10	1.43E-11	3.22E-10	1.64E-08	1.52E-09	1.95E-08
1317	NG_13	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.607	1.02E-07	1.57E-07	Not Modelled	2.62E-09	8.41E-11	3.33E-06	9.09E-09	1.82E-09	1.82E-16	9.09E-10	2.17E-11	1.60E-11	4.46E-11	1.47E-10	8.68E-10	1.39E-11	3.13E-10	1.59E-08	1.47E-09	1.90E-08
1318	NG_14	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.607	9.91E-08	1.53E-07	Not Modelled	2.51E-09	8.17E-11	3.20E-06	8.83E-09	1.77E-09	1.77E-16	8.83E-10	2.11E-11	1.56E-11	4.33E-11	1.43E-10	8.43E-10	1.35E-11	3.04E-10	1.55E-08	1.43E-09	1.84E-08
1319	NG_15	Nested Grid - 50m	Parks/ Recreation	Offsite	379.364	6366.607	9.69E-08	1.49E-07	Not Modelled	2.42E-09	7.99E-11	3.10E-06	8.63E-09	1.73E-09	1.73E-16	8.63E-10	2.06E-11	1.52E-11	4.23E-11	1.39E-10	8.24E-10	1.32E-11	2.98E-10	1.51E-08	1.40E-09	1.80E-08
1320	NG_16	Nested Grid - 50m	Parks/ Recreation	Offsite	379.414	6366.607	9.58E-08	1.48E-07	Not Modelled	2.37E-09	7.90E-11	3.05E-06	8.54E-09	1.71E-09	1.71E-16	8.54E-10	2.04E-11	1.51E-11	4.19E-11	1.38E-10	8.15E-10	1.30E-11	2.94E-10	1.50E-08	1.39E-09	1.78E-08
1321	NG_17	Nested Grid - 50m	Parks/ Recreation	Offsite	379.464	6366.607	9.56E-08	1.48E-07	Not Modelled	2.34E-09	7.91E-11	3.03E-06	8.55E-09	1.71E-09	1.71E-16	8.55E-10	2.04E-11	1.51E-11	4.19E-11	1.38E-10	8.16E-10	1.30E-11	2.95E-10	1.50E-08	1.39E-09	1.78E-08
1322	NG_18	Nested Grid - 50m	Parks/ Recreation	Offsite	379.514	6366.607	9.70E-08	1.51E-07	Not Modelled	2.35E-09	8.05E-11	3.07E-06	8.70E-09	1.74E-09	1.74E-16	8.70E-10	2.08E-11	1.53E-11	4.27E-11	1.41E-10	8.31E-10	1.33E-11	3.00E-10	1.52E-08	1.41E-09	1.82E-08
1323	NG_19	Nested Grid - 50m	Parks/ Recreation	Offsite	379.564	6366.607	1.00E-07	1.57E-07	Not Modelled	2.41E-09	8.34E-11	3.15E-06	9.01E-09	1.80E-09	1.80E-16	9.02E-10	2.16E-11	1.59E-11	4.42E-11	1.46E-10	8.60E-10	1.38E-11	3.11E-10	1.58E-08	1.46E-09	1.88E-08
1324	NG_20	Nested Grid - 50m	Parks/ Recreation	Offsite	379.614	6366.607	1.06E-07	1.68E-07	Not Modelled	2.53E-09	8.86E-11	3.33E-06	9.57E-09	1.91E-09	1.91E-16	9.58E-10	2.29E-11	1.69E-11	4.69E-11	1.55E-10	9.14E-10	1.46E-11	3.30E-10	1.68E-08	1.55E-09	2.00E-08
1325	NG_21	Nested Grid - 50m	Parks/ Recreation	Offsite	379.664	6366.607	1.14E-07	1.83E-07	Not Modelled	2.71E-09	9.58E-11	3.58E-06	1.04E-08	2.07E-09	2.07E-16	1.04E-09	2.48E-11	1.82E-11	5.08E-11	1.67E-10	9.88E-10	1.58E-11	3.57E-10	1.81E-08	1.68E-09	2.16E-08
1326	NG_22	Nested Grid - 50m	Parks/ Recreation	Offsite	379.714	6366.607	1.24E-07	2.01E-07	Not Modelled	2.94E-09	1.05E-10	3.91E-06	1.13E-08	2.27E-09	2.27E-16	1.13E-09	2.71E-11	2.00E-11	5.56E-11	1.83E-10	1.08E-09	1.73E-11	3.91E-10	1.98E-08	1.84E-09	2.37E-08
1327	NG_23	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.607	1.34E-07	2.21E-07	Not Modelled	3.18E-09	1.14E-10	4.22E-06	1.24E-08	2.47E-09	2.47E-16	1.24E-09	2.96E-11	2.18E-11	6.06E-11	1.99E-10	1.18E-09	1.89E-11	4.26E-10	2.16E-08	2.00E-09	2.58E-08
1328	NG_24	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.607	1.44E-07	2.42E-07	Not Modelled	3.43E-09	1.24E-10	4.53E-06	1.34E-08	2.68E-09	2.68E-16	1.34E-09	3.21E-11	2.36E-11	6.58E-11	2.17E-10	1.28E-09	2.05E-11	4.63E-10	2.35E-08	2.18E-09	2.80E-08
1329	NG_25	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.607	1.55E-07	2.65E-07	Not Modelled	3.71E-09	1.35E-10	4.87E-06	1.45E-08	2.91E-09	2.91E-16	1.46E-09	3.48E-11	2.56E-11	7.14E-11	2.35E-10	1.39E-09	2.22E-11	5.02E-10	2.55E-08	2.36E-09	3.04E-08
1330	NG_26	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.607	1.66E-07	2.89E-07	Not Modelled	4.04E-09	1.46E-10	5.22E-06	1.58E-08	3.15E-09	3.15E-16	1.58E-09	3.77E-11	2.78E-11	7.73E-11	2.54E-10	1.50E-09	2.41E-11	5.43E-10	2.76E-08	2.56E-09	3.29E-08
1331	NG_27	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.607	1.77E-07	3.12E-07	Not Modelled	4.41E-09	1.57E-10	5.53E-06	1.69E-08	3.39E-09	3.39E-16	1.69E-09	4.05E-11	2.99E-11	8.31E-11	2.74E-10	1.62E-09	2.59E-11	5.84E-10	2.97E-08	2.75E-09	3.54E-08
1332	NG_28	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.607	1.89E-07	3.37E-07	Not Modelled	4.84E-09	1.68E-10	5.84E-06	1.82E-08	3.64E-09	3.64E-16	1.82E-09	4.35E-11	3.21E-11	8.92E-11	2.94E-10	1.74E-09	2.78E-11	6.27E-10	3.18E-08	2.95E-09	3.80E-08
1333	NG_29	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.607	2.03E-07	3.66E-07	Not Modelled	5.41E-09	1.82E-10	6.22E-06	1.97E-08	3.93E-09	3.93E-16	1.97E-09	4.70E-11	3.46E-11	9.64E-11	3.17E-10	1.88E-09	3.00E-11	6.78E-10	3.44E-08	3.19E-09	4.10E-08
1334	NG_30	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.607	2.20E-07	3.98E-07	Not Modelled	6.15E-09	1.97E-10	6.65E-06	2.13E-08	4.26E-09	4.26E-16	2.13E-09	5.10E-11	3.76E-11	1.04E-10	3.44E-10	2.03E-09	3.25E-11	7.35E-10	3.73E-08	3.46E-09	4.45E-08
1335	NG_31	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.607	2.38E-07	4.33E-07	Not Modelled	7.07E-09	2.14E-10	7.10E-06	2.31E-08	4.62E-09	4.62E-16	2.31E-09	5.52E-11	4.07E-11	1.13E-10	3.73E-10	2.20E-09	3.53E-11	7.96E-10	4.04E-08	3.75E-09	4.82E-08
1336	NG_32	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.607	2.57E-07	4.69E-07	Not Modelled	8.16E-09	2.31E-10	7.56E-06	2.49E-08	4.99E-09	4.99E-16	2.49E-09	5.97E-11	4.40E-11	1.22E-10	4.03E-10	2.38E-09	3.81E-11	8.60E-10	4.37E-08	4.05E-09	5.21E-08
1337	NG_33	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.607	2.78E-07	5.09E-07	Not Modelled	9.46E-09	2.49E-10	8.07E-06	2.70E-08	5.39E-09	5.39E-16	2.70E-09	6.45E-11	4.75E-11	1.32E-10	4.35E-10	2.57E-09	4.12E-11	9.30E-10	4.72E-08	4.37E-09	5.63E-08
1338	NG_34	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.607	2.99E-07	5.50E-07	Not Modelled	1.09E-08	2.69E-10	8.60E-06	2.90E-08	5.81E-09	5.81E-16	2.90E-09	6.95E-11	5.12E-11	1.42E-10	4.69E-10	2.77E-09	4.43E-11	1.00E-09	5.08E-08	4.71E-09	6.06E-08
1339	NG_35	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.607	3.18E-07	5.88E-07	Not Modelled	1.25E-08	2.86E-10	9.08E-06	3.09E-08	6.19E-09	6.19E-16	3.09E-09	7.40E-11	5.45E-11	1.52E-10	5.00E-10	2.95E-09	4.72E-11	1.07E-09	5.42E-08	5.02E-09	6.46E-08
1340	NG_36	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.607	3.36E-07	6.22E-07	Not Modelled	1.42E-08	3.02E-10	9.52E-06	3.27E-08	6.53E-09	6.53E-16	3.27E-09	7.82E-11	5.76E-11	1.60E-10	5.28E-10	3.12E-09	4.99E-11	1.13E-09	5.72E-08	5.30E-09	6.82E-08
1341	NG_37	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.607	3.51E-07	6.53E-07	Not Modelled	1.59E-08	3.16E-10	9.94E-06	3.42E-08	6.84E-09	6.84E-16	3.42E-09	8.18E-11	6.03E-11	1.68E-10	5.52E-10	3.27E-09	5.22E-11	1.18E-09	5.99E-08	5.55E-09	7.14E-08
1342	NG_38	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.607	3.61E-07	6.74E-07	Not Modelled	1.77E-08	3.26E-10	1.02E-05	3.52E-08	7.05E-09	7.05E-16	3.52E-09	8.43E-11	6.21E-11	1.73E-10	5.69E-10	3.36E-09	5.38E-11	1.21E-09	6.17E-08	5.72E-09	7.35E-08
1343	NG_39	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.607	3.68E-07	6.89E-07	Not Modelled	1.94E-08	3.33E-10	1.04E-05	3.60E-08	7.19E-09	7.19E-16	3.60E-09	8.60E-11	6.34E-11	1.76E-10	5.81E-10	3.43E-09	5.49E-11	1.24E-09	6.29E-08	5.83E-09	7.50E-08
1344	NG_40	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.607	3.69E-07	6.95E-07	Not Modelled	2.09E-08	3.35E-10	1.05E-05	3.62E-08	7.23E-09	7.23E-16	3.62E-09	8.66E-11	6.38E-11	1.77E-10	5.84E-10	3.45E-09	5.52E-11	1.25E-09	6.33E-08	5.87E-09	7.55E-08
1345	NG_41	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.607	3.70E-07	6.98E-07	Not Modelled	2.23E-08	3.35E-10	1.06E-05	3.63E-08	7.25E-09	7.25E-16	3.63E-09	8.68E-11	6.39E-11	1.78E-10	5.86E-10	3.46E-09	5.54E-11	1.25E-09	6.35E-08	5.88E-09	7.57E-08
1346	NG_42	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.657	1.52E-07	2.36E-07	Not Modelled	4.41E-09	1.24E-10	5.29E-06	1.34E-08	2.68E-09	2.68E-16	1.34E-09	3.20E-11	2.36E-11	6.56E-11	2.16E-10	1.28E-09	2.04E-11	4.61E-10	2.34E-08	2.17E-09	2.79E-08
1347	NG_43	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.657	1.49E-07	2.34E-07	Not Modelled	4.34E-09	1.22E-10	5.24E-06	1.32E-08	2.64E-09	2.64E-16	1.32E-09	3.16E-11	2.33E-11	6.48E-11	2.13E-10	1.26E-09	2.02E-11	4.55E-10	2.31E-08	2.14E-09	2.76E-08
1348	NG_44	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.657	1.46E-07	2.30E-07	Not Modelled	4.26E-09	1.20E-10	5.16E-06	1.30E-08	2.60E-09	2.60E-16	1.30E-09	3.11E-11	2.29E-11	6.38E-11	2.10E-10	1.24E-09	1.99E-11	4.48E-10	2.28E-08	2.11E-09	2.72E-08
1349	NG_45	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.657	1.41E-07	2.25E-07	Not Modelled	4.14E-09	1.18E-10	5.03E-06	1.27E-08	2.54E-09	2.54E-16	1.27E-09	3.04E-11	2.24E-11	6.23E-11	2.05E-10	1.21E-09	1.94E-11	4.38E-10	2.22E-08	2.06E-09	2.65E-08
1350	NG_46	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.657	1.37E-07	2.18E-07	Not Modelled	3.97E-09	1.14E-10	4.82E-06	1.23E-08	2.46E-09	2.46E-16	1.23E-09	2.94E-11	2.17E-11	6.04E-11	1.99E-10	1.18E-09	1.88E-11	4.24E-10	2.16E-08	2.00E-09	2.57E-08
1351	NG_47	Nested Grid - 50m	Parks/ Recreation	Offsite	378.914	6366.657	1.32E-07	2.11E-07	Not Modelled	3.82E-09	1.11E-10	4.63E-06	1.20E-08	2.39E-09	2.39E-16	1.20E-09	2.86E-11	2.11E-11	5.87E-11	1.93E-10	1.14E-09	1.83E-11	4.12E-10	2.09E-08	1.94E-09	2.50E-08
1352	NG_48	Nested Grid - 50m	Parks/ Recreation	Offsite	378.964	6366.657	1.29E-07	2.07E-07	Not Modelled	3.71E-09	1.08E-10	4.51E-06	1.17E-08	2.34E-09	2.34E-16	1.17E-09	2.80E-11	2.07E-11	5.75E-11	1.89E-10	1.12E-09	1.79E-11	4.04E-10	2.05E-08	1.90E-09	2.45E-08
1353	NG_49	Nested Grid - 50m	Parks/ Recreation	Offsite	379.014	6366.657	1.26E-07	2.03E-07	Not Modelled	3.59E-09	1.06E-10	4.40E-06	1.15E-08	2.30E-09	2.30E-16	1.15E-09	2.75E-11	2.02E-11	5.63E-11	1.85E-10	1.10E-09	1.75E-11	3.96E-10	2.01E-08	1.86E-09	2.40E-08
1354	NG_50	Nested Grid - 50m	Parks/ Recreation	Offsite	379.064	6366.657	1.23E-07	1.98E-07	Not Modelled	3.46E-09	1.04E-10	4.24E-06	1.12E-08	2.24E-09	2.24E-16	1.12E-09	2.68E-11	1.97E-11	5.49E-11	1.81E-10	1.07E-09	1.71E-11	3.86E-10	1.96E-08	1.82E-09	2.34E-08
1355	NG_51	Nested Grid - 50m	Parks/ Recreation	Offsite	379.114	6366.657	1.19E-07	1.93E-07	Not Modelled	3.32E-09	1.01E-10	4.08E-06	1.09E-08	2.18E-09	2.18E-16	1.09E-09	2.61E-11	1.92E-11	5.35E-11	1.76E-10	1.04E-09	1.67E-11	3.76E-10	1.91E-08	1.77E-09	2.28E-08
1356	NG_52	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.657	1.16E-07	1.88E-07	Not Modelled	3.20E-09	9.87E-11	3.96E-06	1.07E-08	2.13E-09	2.13E-16	1.07E-09	2.55E-11	1.88E-11	5.23E-11	1.72E-10	1.02E-09	1.63E-11	3.68E-10	1.87E-08	1.73E-09	2.23E-08
1357	NG_53	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.657	1.13E-07	1.84E-07	Not Modelled	3.09E-09	9.67E-11	3.85E-06	1.04E-08	2.09E-09	2.09E-16	1.04E-09	2.50E-11	1.84E-11	5.12E-11	1.69E-10	9.97E-10	1.59E-11	3.60E-10	1.83E-08	1.69E-09	2.18E-08
1358	NG_54	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.657	1.11E-07	1.80E-07	Not Modelled	2.98E-09	9.45E-11	3.75E-06	1.02E-08	2.04E-09	2.04E-16	1.02E-09	2.44E-11	1.80E-11	5.01E-11	1.65E-10	9.75E-10	1.56E-11	3.52E-10	1.79E-08	1.66E-09	2.13E-08
1359	NG_55	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.657	1.08E-07	1.75E-07	Not Modelled	2.86E-09	9.19E-11	3.61E-06	9.93E-09	1.99E-09	1.99E-16	9.94E-10	2.38E-11	1.75E-11	4.87E-11	1.60E-10	9.48E-10	1.52E-11	3.42E-10	1.74E-08	1.61E-09	2.07E-08
1360	NG_56	Nested Grid - 50m	Parks/ Recreation	Offsite	379.364	6366.657	1.05E-07	1.71E-07	Not Modelled	2.76E-09	8.98E-11	3.49E-06	9.71E-09	1.94E-09	1.94E-16	9.71E-10	2.32E-11	1.71E-11	4.76E-11	1.57E-10	9.27E-10	1.48E-11	3.35E-10	1.70E-08	1.57E-09	2.03E-08
1361	NG_57	Nested Grid - 50m	Parks/ Recreation	Offsite	379.414	6366.657	1.04E-07	1.70E-07	Not Modelled	2.71E-09	8.91E-11	3.45E-06	9.63E-09	1.93E-09	1.93E-16	9.63E-10	2.30E-11	1.70E-11	4.72E-11	1.56E-10	9.19E-10	1.47E-11	3.32E-10	1.69E-08	1.56E-09	2.01E-08
1362	NG_58	Nested Grid - 50m	Parks/ Recreation	Offsite	379.464	6366.657	1.05E-07	1.72E-07	Not Modelled	2.70E-09	8.99E-11	3.49E-06	9.72E-09	1.94E-09	1.94E-16	9.72E-10	2.33E-11	1.71E-11	4.77E-11	1.57E-10	9.28E-10	1.48E-11	3.35E-10	1.70E-08	1.58E-09	2.03E-08
1363	NG_59	Nested Grid - 50m	Parks/ Recreation	Offsite	379.514	6366.657	1.07E-07	1.75E-07	Not Modelled	2.72E-09	9.17E-11	3.53E-06	9.91E-09	1.98E-09	1.98E-16	9.91E-10	2.37E-11	1.75E-11	4.86E-11	1.60E-10	9.46E-10	1.51E-11	3.42E-10	1.73E-08	1.61E-09	2.07E-08
1364	NG_60	Nested Grid - 50m	Parks/ Recreation	Offsite	379.564	6366.657	1.10E-07	1.82E-07	Not Modelled	2.77E-09	9.49E-11	3.60E-06	1.03E-08	2.05E-09	2.05E-16	1.03E-09	2.45E-11	1.81E-11	5.03E-11	1.66E-10	9.79E-10	1.57E-11	3.53E-10	1.80E-08	1.66E-09	2.14E-08
1365	NG_61	Nested Grid - 50m	Parks/ Recreation	Offsite	379.614	6366.657	1.17E-07	1.94E-07	Not Modelled	2.92E-09	1.01E-10	3.79E-06	1.09E-08	2.18E-09	2.18E-16	1.09E-09	2.61E-11	1.92E-11	5.34E-11	1.76E-10	1.04E-09	1.66E-11	3.76E-10	1.91E-08	1.77E-09	2.27E-08
1366	NG_62	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.657	1.27E-07	2.14E-07	Not Modelled	3.16E-09	1.10E-10	4.14E-06	1.19E-08	2.38E-09	2.38E-16	1.19E-09	2.85E-11	2.10E-11	5.84E-11	1.92E-10	1.14E-09	1.82E-11	4.10E-10	2.08E-08	1.93E-09	2.48E-08
1367	NG_63	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.657	1.39E-07	2.37E-07	Not Modelled	3.45E-09	1.21E-10	4.55E-06	1.31E-08	2.62E-09	2.62E-16	1.31E-09	3.14E-11	2.31E-11	6.43E-11	2.12E-10	1.25E-09	2.00E-11	4.52E-10	2.30E-08	2.13E-09	2.74E-08
1368	NG_64	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.657	1.50E-07	2.59E-07	Not Modelled	3.71E-09	1.32E-10	4.87E-06	1.42E-08	2.85E-09	2.85E-16	1.42E-09	3.40E-11	2.51E-11	6.98E-11	2.30E-10	1.36E-09	2.17E-11	4.91E-10	2.49E-08	2.31E-09	2.97E-08
1369	NG_65	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.657	1.61E-07	2.81E-07	Not Modelled	3.98E-09	1.42E-10	5.18E-06	1.54E-08	3.07E-09	3.07E-16	1.54E-09	3.67E-11	2.71E-11	7.53E-11	2.48E-10	1.47E-09	2.35E-11	5.29E-10	2.69E-08	2.49E-09	3.21E-08
1370	NG_66	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.657	1.74E-07	3.07E-07	Not Modelled	4.32E-09	1.54E-10	5.59E-06	1.67E-08	3.34E-09	3.34E-16	1.67E-09	3.99E-11	2.94E-11	8.19E-11	2.70E-10	1.59E-09	2.55E-11	5.76E-10	2.92E-08	2.71E-09	3.48E-08
1371	NG_67	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.657	1.87E-07	3.35E-07	Not Modelled	4.73E-09	1.67E-10	6.00E-06	1.81E-08	3.62E-09	3.62E-16	1.81E-09	4.33E-11	3.19E-11	8.87E-11	2.92E-10	1.73E-09	2.76E-11	6.24E-10	3.17E-08	2.93E-09	3.78E-08
1372	NG_68	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.657	1.99E-07	3.59E-07	Not Modelled	5.14E-09	1.79E-10	6.30E-06	1.93E-08	3.87E-09	3.87E-16	1.93E-09	4.63E-11	3.41E-11	9.48E-11	3.12E-10	1.85E-09	2.95E-11	6.67E-10	3.39E-08	3.14E-09	4.04E-08
1373	NG_69	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.657	2.13E-07	3.87E-07	Not Modelled	5.68E-09	1.92E-10	6.64E-06	2.08E-08	4.15E-09	4.15E-16	2.08E-09	4.97E-11	3.66E-11	1.02E-10	3.35E-10	1.98E-09	3.17E-11	7.16E-10	3.63E-08	3.37E-09	4.33E-08
1374	NG_70	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.657	2.30E-07	4.22E-07	Not Modelled	6.45E-09	2.08E-10	7.11E-06	2.25E-08	4.50E-09	4.50E-16	2.25E-09	5.39E-11	3.97E-11	1.10E-10	3.64E-10	2.15E-09	3.44E-11	7.77E-10	3.94E-08	3.65E-09	4.70E-08
1375	NG_71	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.657	2.50E-07	4.61E-07	Not Modelled	7.45E-09	2.27E-10	7.62E-06	2.45E-08	4.90E-09	4.90E-16	2.45E-09	5.86E-11	4.32E-11	1.20E-10	3.96E-10	2.34E-09	3.74E-11	8.45E-10	4.29E-08	3.97E-09	5.11E-08
1376	NG_72	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.657	2.71E-07	5.02E-07	Not Modelled	8.66E-09	2.46E-10	8.15E-06	2.66E-08	5.32E-09	5.32E-16	2.66E-09	6.36E-11	4.69E-11	1.30E-10	4.29E-10	2.54E-09	4.06E-11	9.17E-10	4.66E-08	4.31E-09	5.55E-08
1377	NG_73	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.657	2.95E-07	5.49E-07	Not Modelled	1.02E-08	2.68E-10	8.77E-06	2.89E-08	5.79E-09	5.79E-16	2.89E-09	6.92E-11	5.10E-11	1.42E-10	4.67E-10	2.76E-09	4.42E-11	9.98E-10	5.07E-08	4.69E-09	6.04E-08
1378	NG_74	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.657	3.18E-07	5.95E-07	Not Modelled	1.19E-08	2.89E-10	9.38E-06	3.13E-08	6.25E-09	6.25E-16	3.13E-09	7.48E-11	5.51E-11	1.53E-10	5.05E-10	2.99E-09	4.78E-11	1.08E-09	5.48E-08	5.07E-09	6.53E-08
1379	NG_75	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.657	3.41E-07	6.39E-07	Not Modelled	1.37E-08	3.10E-10	9.95E-06	3.35E-08	6.69E-09	6.69E-16	3.35E-09	8.01E-11	5.90E-11	1.64E-10	5.41E-10	3.20E-09	5.11E-11	1.15E-09	5.86E-08	5.43E-09	6.99E-08
1380	NG_76	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.657	3.60E-07	6.77E-07	Not Modelled	1.57E-08	3.28E-10	1.05E-05	3.54E-08	7.08E-09	7.08E-16	3.54E-09	8.47E-11	6.24E-11	1.74E-10	5.72E-10	3.38E-09	5.41E-11	1.22E-09	6.20E-08	5.74E-09	7.39E-08
1381	NG_77	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.657	3.79E-07	7.14E-07	Not Modelled	1.78E-08	3.45E-10	1.10E-05	3.72E-08	7.45E-09	7.45E-16	3.73E-09	8.91E-11	6.57E-11	1.83E-10	6.01E-10	3.56E-09	5.69E-11	1.28E-09	6.52E-08	6.04E-09	7.77E-08
1382	NG_78	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.657	3.91E-07	7.40E-07	Not Modelled	1.98E-08	3.56E-10	1.13E-05	3.85E-08	7.70E-09	7.70E-16	3.85E-09	9.21E-11	6.79E-11	1.89E-10	6.22E-10	3.68E-09	5.88E-11	1.33E-09	6.74E-08	6.25E-09	8.03E-08
1383	NG_79	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.657	4.01E-07	7.61E-07	Not Modelled	2.18E-08	3.66E-10	1.17E-05	3.95E-08	7.90E-09	7.90E-16	3.95E-09	9.46E-11	6.97E-11	1.94E-10	6.38E-10	3.77E-09	6.03E-11	1.36E-09	6.92E-08	6.41E-09	8.25E-08
1384	NG_80	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.657	4.05E-07	7.70E-07	Not Modelled	2.36E-08	3.69E-10	1.19E-05	3.99E-08	7.98E-09	7.98E-16	3.99E-09	9.55E-11	7.04E-11	1.96E-10	6.45E-10	3.81E-09	6.10E-11	1.38E-09	6.99E-08	6.48E-09	8.33E-08
1385	NG_81	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.657	4.01E-07	7.63E-07	Not Modelled	2.52E-08	3.66E-10	1.18E-05	3.96E-08	7.91E-09	7.91E-16	3.96E-09	9.47E-11	6.97E-11	1.94E-10	6.39E-10	3.78E-09	6.04E-11	1.36E-09	6.93E-08	6.42E-09	8.26E-08
1386	NG_82	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.657	3.98E-07	7.58E-07	Not Modelled	2.66E-08	3.63E-10	1.17E-05	3.93E-08	7.85E-09	7.85E-16	3.93E-09	9.40E-11	6.92E-11	1.93E-10	6.34E-10	3.75E-09	6.00E-11	1.35E-09	6.88E-08	6.37E-09	8.20E-08
1387	NG_83	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.707	1.62E-07	2.67E-07	Not Modelled	4.90E-09	1.37E-10	5.70E-06	1.48E-08	2.97E-09	2.97E-16	1.48E-09	3.55E-11	2.61E-11	7.27E-11	2.40E-10	1.42E-09	2.26E-11	5.11E-10	2.60E-08	2.41E-09	3.10E-08
1388	NG_84	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.707	1.60E-07	2.66E-07	Not Modelled	4.86E-09	1.36E-10	5.69E-06	1.47E-08	2.95E-09	2.95E-16	1.47E-09	3.52E-11	2.60E-11	7.22E-11	2.38E-10	1.41E-09	2.25E-11	5.08E-10	2.58E-08	2.39E-09	3.07E-08
1389	NG_85	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.707	1.57E-07	2.61E-07	Not Modelled	4.78E-09	1.34E-10	5.61E-06	1.45E-08	2.90E-09	2.90E-16	1.45E-09	3.46E-11	2.55E-11	7.10E-11	2.34E-10	1.38E-09	2.21E-11	4.99E-10	2.54E-08	2.35E-09	3.02E-08
1390	NG_86	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.707	1.52E-07	2.55E-07	Not Modelled	4.64E-09	1.31E-10	5.45E-06	1.41E-08	2.82E-09	2.82E-16	1.41E-09	3.38E-11	2.49E-11	6.93E-11	2.28E-10	1.35E-09	2.16E-11	4.87E-10	2.47E-08	2.29E-09	2.95E-08
1391	NG_87	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.707	1.48E-07	2.48E-07	Not Modelled	4.50E-09	1.28E-10	5.30E-06	1.38E-08	2.75E-09	2.75E-16	1.38E-09	3.30E-11	2.43E-11	6.76E-11	2.22E-10	1.32E-09	2.10E-11	4.75E-10	2.41E-08	2.24E-09	2.88E-08
1392	NG_88	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.707	1.44E-07	2.42E-07	Not Modelled	4.35E-09	1.24E-10	5.13E-06	1.34E-08	2.69E-09	2.69E-16	1.34E-09	3.22E-11	2.37E-11	6.59E-11	2.17E-10	1.28E-09	2.05E-11	4.63E-10	2.35E-08	2.18E-09	2.81E-08
1393	NG_89	Nested Grid - 50m	Parks/ Recreation	Offsite	378.964	6366.707	1.41E-07	2.37E-07	Not Modelled	4.23E-09	1.22E-10	5.02E-06	1.32E-08	2.64E-09	2.64E-16	1.32E-09	3.15E-11	2.32E-11	6.46E-11	2.13E-10	1.26E-09	2.01E-11	4.54E-10	2.31E-08	2.14E-09	2.75E-08
1394	NG_90	Nested Grid - 50m	Parks/ Recreation	Offsite	379.014	6366.707	1.37E-07	2.31E-07	Not Modelled	4.08E-09	1.19E-10	4.87E-06	1.29E-08	2.57E-09	2.57E-16	1.29E-09	3.08E-11	2.27E-11	6.31E-11	2.08E-10	1.23E-09	1.96E-11	4.44E-10	2.25E-08	2.09E-09	2.69E-08
1395	NG_91	Nested Grid - 50m	Parks/ Recreation	Offsite	379.064	6366.707	1.34E-07	2.25E-07	Not Modelled	3.93E-09	1.16E-10	4.72E-06	1.26E-08	2.51E-09	2.51E-16	1.26E-09	3.00E-11	2.21E-11	6.16E-11	2.03E-10	1.20E-09	1.92E-11	4.33E-10	2.20E-08	2.04E-09	2.62E-08

AQIA DATA - SCENARIO 2 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**3.08E-06**	**5.69E-06**	**0.00E+00**	**3.69E-07**	**2.85E-09**	**1.88E-04**	**3.08E-07**	**6.16E-08**	**6.16E-15**	**3.08E-08**	**7.37E-10**	**5.43E-10**	**1.51E-09**	**4.98E-09**	**2.94E-08**	**4.71E-10**	**1.06E-08**	**5.40E-07**	**5.00E-08**	**6.43E-07**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1396	NG_92	Nested Grid - 50m	Parks/ Recreation	Offsite	379.114	6366.707	1.30E-07	2.19E-07	Not Modelled	3.77E-09	1.13E-10	4.54E-06	1.22E-08	2.44E-09	2.44E-16	1.22E-09	2.92E-11	2.15E-11	5.99E-11	1.97E-10	1.17E-09	1.86E-11	4.21E-10	2.14E-08	1.98E-09	2.55E-08
1397	NG_93	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.707	1.27E-07	2.14E-07	Not Modelled	3.64E-09	1.11E-10	4.43E-06	1.20E-08	2.39E-09	2.39E-16	1.20E-09	2.86E-11	2.11E-11	5.87E-11	1.93E-10	1.14E-09	1.83E-11	4.12E-10	2.09E-08	1.94E-09	2.50E-08
1398	NG_94	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.707	1.24E-07	2.10E-07	Not Modelled	3.53E-09	1.09E-10	4.33E-06	1.17E-08	2.35E-09	2.35E-16	1.17E-09	2.81E-11	2.07E-11	5.75E-11	1.89E-10	1.12E-09	1.79E-11	4.04E-10	2.05E-08	1.90E-09	2.45E-08
1399	NG_95	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.707	1.21E-07	2.05E-07	Not Modelled	3.40E-09	1.06E-10	4.21E-06	1.15E-08	2.29E-09	2.29E-16	1.15E-09	2.74E-11	2.02E-11	5.62E-11	1.85E-10	1.09E-09	1.75E-11	3.95E-10	2.01E-08	1.86E-09	2.39E-08
1400	NG_96	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.707	1.18E-07	1.99E-07	Not Modelled	3.26E-09	1.03E-10	4.04E-06	1.11E-08	2.23E-09	2.23E-16	1.11E-09	2.67E-11	1.96E-11	5.46E-11	1.80E-10	1.06E-09	1.70E-11	3.84E-10	1.95E-08	1.81E-09	2.33E-08
1401	NG_97	Nested Grid - 50m	Parks/ Recreation	Offsite	379.364	6366.707	1.15E-07	1.95E-07	Not Modelled	3.16E-09	1.01E-10	3.94E-06	1.09E-08	2.19E-09	2.19E-16	1.09E-09	2.61E-11	1.93E-11	5.36E-11	1.76E-10	1.04E-09	1.67E-11	3.77E-10	1.91E-08	1.77E-09	2.28E-08
1402	NG_98	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.707	1.15E-07	1.94E-07	Not Modelled	3.10E-09	1.00E-10	3.91E-06	1.09E-08	2.17E-09	2.17E-16	1.09E-09	2.60E-11	1.91E-11	5.33E-11	1.75E-10	1.04E-09	1.66E-11	3.74E-10	1.90E-08	1.76E-09	2.27E-08
1403	NG_99	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.707	1.15E-07	1.96E-07	Not Modelled	3.08E-09	1.01E-10	3.92E-06	1.09E-08	2.19E-09	2.19E-16	1.09E-09	2.61E-11	1.93E-11	5.36E-11	1.76E-10	1.04E-09	1.67E-11	3.77E-10	1.91E-08	1.77E-09	2.28E-08
1404	NG_100	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.707	1.17E-07	1.99E-07	Not Modelled	3.09E-09	1.03E-10	3.95E-06	1.11E-08	2.22E-09	2.22E-16	1.11E-09	2.66E-11	1.96E-11	5.45E-11	1.79E-10	1.06E-09	1.70E-11	3.83E-10	1.94E-08	1.80E-09	2.32E-08
1405	NG_101	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.707	1.22E-07	2.08E-07	Not Modelled	3.17E-09	1.07E-10	4.06E-06	1.16E-08	2.31E-09	2.31E-16	1.16E-09	2.76E-11	2.04E-11	5.67E-11	1.87E-10	1.10E-09	1.76E-11	3.98E-10	2.02E-08	1.87E-09	2.41E-08
1406	NG_102	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.707	1.30E-07	2.24E-07	Not Modelled	3.36E-09	1.15E-10	4.33E-06	1.24E-08	2.48E-09	2.48E-16	1.24E-09	2.96E-11	2.18E-11	6.08E-11	2.00E-10	1.18E-09	1.89E-11	4.27E-10	2.17E-08	2.01E-09	2.59E-08
1407	NG_103	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.707	1.41E-07	2.46E-07	Not Modelled	3.63E-09	1.25E-10	4.69E-06	1.35E-08	2.70E-09	2.70E-16	1.35E-09	3.23E-11	2.38E-11	6.62E-11	2.18E-10	1.29E-09	2.06E-11	4.65E-10	2.36E-08	2.19E-09	2.82E-08
1408	NG_104	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.707	1.55E-07	2.72E-07	Not Modelled	3.97E-09	1.38E-10	5.14E-06	1.49E-08	2.97E-09	2.97E-16	1.49E-09	3.56E-11	2.62E-11	7.29E-11	2.40E-10	1.42E-09	2.27E-11	5.13E-10	2.60E-08	2.41E-09	3.10E-08
1409	NG_105	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.707	1.68E-07	2.98E-07	Not Modelled	4.29E-09	1.50E-10	5.54E-06	1.62E-08	3.24E-09	3.24E-16	1.62E-09	3.88E-11	2.86E-11	7.95E-11	2.62E-10	1.55E-09	2.48E-11	5.59E-10	2.84E-08	2.63E-09	3.38E-08
1410	NG_106	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.707	1.81E-07	3.25E-07	Not Modelled	4.63E-09	1.63E-10	5.94E-06	1.76E-08	3.52E-09	3.52E-16	1.76E-09	4.21E-11	3.10E-11	8.63E-11	2.84E-10	1.68E-09	2.69E-11	6.07E-10	3.08E-08	2.85E-09	3.67E-08
1411	NG_107	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.707	1.95E-07	3.53E-07	Not Modelled	5.02E-09	1.76E-10	6.35E-06	1.90E-08	3.80E-09	3.80E-16	1.90E-09	4.55E-11	3.35E-11	9.33E-11	3.07E-10	1.82E-09	2.90E-11	6.56E-10	3.33E-08	3.09E-09	3.97E-08
1412	NG_108	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.707	2.11E-07	3.85E-07	Not Modelled	5.50E-09	1.91E-10	6.84E-06	2.06E-08	4.13E-09	4.13E-16	2.07E-09	4.94E-11	3.64E-11	1.01E-10	3.33E-10	1.97E-09	3.15E-11	7.12E-10	3.61E-08	3.35E-09	4.31E-08
1413	NG_109	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.707	2.26E-07	4.14E-07	Not Modelled	6.04E-09	2.05E-10	7.20E-06	2.21E-08	4.43E-09	4.43E-16	2.22E-09	5.30E-11	3.90E-11	1.09E-10	3.58E-10	2.11E-09	3.38E-11	7.64E-10	3.88E-08	3.59E-09	4.62E-08
1414	NG_110	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.707	2.42E-07	4.47E-07	Not Modelled	6.77E-09	2.20E-10	7.60E-06	2.38E-08	4.76E-09	4.76E-16	2.38E-09	5.70E-11	4.20E-11	1.17E-10	3.85E-10	2.27E-09	3.64E-11	8.21E-10	4.17E-08	3.86E-09	4.97E-08
1415	NG_111	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.707	2.62E-07	4.86E-07	Not Modelled	7.77E-09	2.39E-10	8.11E-06	2.58E-08	5.16E-09	5.16E-16	2.58E-09	6.18E-11	4.55E-11	1.27E-10	4.17E-10	2.47E-09	3.94E-11	8.90E-10	4.52E-08	4.19E-09	5.39E-08
1416	NG_112	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.707	2.85E-07	5.33E-07	Not Modelled	9.09E-09	2.61E-10	8.73E-06	2.82E-08	5.63E-09	5.63E-16	2.82E-09	6.74E-11	4.97E-11	1.38E-10	4.55E-10	2.69E-09	4.30E-11	9.71E-10	4.93E-08	4.57E-09	5.88E-08
1417	NG_113	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.707	3.11E-07	5.83E-07	Not Modelled	1.07E-08	2.84E-10	9.40E-06	3.07E-08	6.14E-09	6.14E-16	3.07E-09	7.35E-11	5.41E-11	1.51E-10	4.96E-10	2.93E-09	4.69E-11	1.06E-09	5.38E-08	4.98E-09	6.41E-08
1418	NG_114	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.707	3.39E-07	6.38E-07	Not Modelled	1.28E-08	3.10E-10	1.02E-05	3.35E-08	6.70E-09	6.70E-16	3.35E-09	8.01E-11	5.90E-11	1.64E-10	5.41E-10	3.20E-09	5.11E-11	1.15E-09	5.86E-08	5.43E-09	6.99E-08
1419	NG_115	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.707	3.66E-07	6.93E-07	Not Modelled	1.50E-08	3.35E-10	1.09E-05	3.62E-08	7.24E-09	7.24E-16	3.62E-09	8.66E-11	6.38E-11	1.78E-10	5.85E-10	3.46E-09	5.53E-11	1.25E-09	6.34E-08	5.87E-09	7.56E-08
1420	NG_116	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.707	3.89E-07	7.38E-07	Not Modelled	1.74E-08	3.56E-10	1.15E-05	3.85E-08	7.70E-09	7.70E-16	3.85E-09	9.21E-11	6.79E-11	1.89E-10	6.22E-10	3.68E-09	5.88E-11	1.33E-09	6.74E-08	6.24E-09	8.03E-08
1421	NG_117	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.707	4.09E-07	7.78E-07	Not Modelled	1.98E-08	3.75E-10	1.21E-05	4.05E-08	8.10E-09	8.10E-16	4.05E-09	9.69E-11	7.14E-11	1.99E-10	6.54E-10	3.87E-09	6.18E-11	1.40E-09	7.09E-08	6.57E-09	8.45E-08
1422	NG_118	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.707	4.25E-07	8.11E-07	Not Modelled	2.22E-08	3.90E-10	1.26E-05	4.21E-08	8.42E-09	8.42E-16	4.21E-09	1.01E-10	7.42E-11	2.07E-10	6.80E-10	4.02E-09	6.43E-11	1.45E-09	7.37E-08	6.83E-09	8.79E-08
1423	NG_119	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.707	4.34E-07	8.30E-07	Not Modelled	2.45E-08	3.98E-10	1.29E-05	4.30E-08	8.60E-09	8.60E-16	4.30E-09	1.03E-10	7.58E-11	2.11E-10	6.95E-10	4.11E-09	6.57E-11	1.48E-09	7.53E-08	6.98E-09	8.98E-08
1424	NG_120	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.707	4.41E-07	8.44E-07	Not Modelled	2.67E-08	4.04E-10	1.32E-05	4.37E-08	8.73E-09	8.73E-16	4.37E-09	1.05E-10	7.70E-11	2.14E-10	7.05E-10	4.17E-09	6.67E-11	1.51E-09	7.65E-08	7.09E-09	9.12E-08
1425	NG_121	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.707	4.43E-07	8.49E-07	Not Modelled	2.86E-08	4.06E-10	1.33E-05	4.39E-08	8.77E-09	8.77E-16	4.39E-09	1.05E-10	7.73E-11	2.15E-10	7.08E-10	4.19E-09	6.70E-11	1.51E-09	7.68E-08	7.12E-09	9.16E-08
1426	NG_122	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.707	4.35E-07	8.35E-07	Not Modelled	3.01E-08	3.99E-10	1.32E-05	4.31E-08	8.62E-09	8.63E-16	4.31E-09	1.03E-10	7.60E-11	2.12E-10	6.96E-10	4.12E-09	6.59E-11	1.49E-09	7.55E-08	7.00E-09	9.00E-08
1427	NG_123	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.707	4.24E-07	8.15E-07	Not Modelled	3.13E-08	3.90E-10	1.29E-05	4.21E-08	8.42E-09	8.42E-16	4.21E-09	1.01E-10	7.42E-11	2.06E-10	6.80E-10	4.02E-09	6.43E-11	1.45E-09	7.37E-08	6.83E-09	8.79E-08
1428	NG_124	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.757	1.74E-07	2.98E-07	Not Modelled	5.43E-09	1.51E-10	6.10E-06	1.63E-08	3.26E-09	3.26E-16	1.63E-09	3.90E-11	2.88E-11	8.00E-11	2.63E-10	1.56E-09	2.49E-11	5.62E-10	2.86E-08	2.65E-09	3.41E-08
1429	NG_125	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.757	1.73E-07	2.98E-07	Not Modelled	5.44E-09	1.51E-10	6.16E-06	1.63E-08	3.26E-09	3.26E-16	1.63E-09	3.90E-11	2.87E-11	8.00E-11	2.63E-10	1.56E-09	2.49E-11	5.62E-10	2.85E-08	2.65E-09	3.40E-08
1430	NG_126	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.757	1.70E-07	2.95E-07	Not Modelled	5.39E-09	1.49E-10	6.14E-06	1.61E-08	3.23E-09	3.23E-16	1.62E-09	3.86E-11	2.85E-11	7.92E-11	2.61E-10	1.54E-09	2.46E-11	5.56E-10	2.83E-08	2.62E-09	3.37E-08
1431	NG_127	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.757	1.67E-07	2.90E-07	Not Modelled	5.29E-09	1.47E-10	6.04E-06	1.59E-08	3.17E-09	3.17E-16	1.59E-09	3.79E-11	2.79E-11	7.77E-11	2.56E-10	1.51E-09	2.42E-11	5.46E-10	2.78E-08	2.57E-09	3.31E-08
1432	NG_128	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.757	1.63E-07	2.83E-07	Not Modelled	5.16E-09	1.44E-10	5.92E-06	1.55E-08	3.10E-09	3.10E-16	1.55E-09	3.71E-11	2.74E-11	7.61E-11	2.51E-10	1.48E-09	2.37E-11	5.35E-10	2.72E-08	2.52E-09	3.24E-08
1433	NG_129	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.757	1.59E-07	2.77E-07	Not Modelled	5.03E-09	1.41E-10	5.81E-06	1.52E-08	3.04E-09	3.04E-16	1.52E-09	3.64E-11	2.68E-11	7.47E-11	2.46E-10	1.45E-09	2.32E-11	5.25E-10	2.67E-08	2.47E-09	3.18E-08
1434	NG_130	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.757	1.56E-07	2.71E-07	Not Modelled	4.88E-09	1.38E-10	5.69E-06	1.49E-08	2.98E-09	2.98E-16	1.49E-09	3.57E-11	2.63E-11	7.31E-11	2.41E-10	1.42E-09	2.28E-11	5.14E-10	2.61E-08	2.42E-09	3.11E-08
1435	NG_131	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.757	1.51E-07	2.63E-07	Not Modelled	4.70E-09	1.34E-10	5.50E-06	1.45E-08	2.90E-09	2.90E-16	1.45E-09	3.47E-11	2.56E-11	7.12E-11	2.34E-10	1.39E-09	2.22E-11	5.00E-10	2.54E-08	2.35E-09	3.03E-08
1436	NG_132	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.757	1.47E-07	2.56E-07	Not Modelled	4.53E-09	1.31E-10	5.33E-06	1.42E-08	2.83E-09	2.83E-16	1.42E-09	3.39E-11	2.49E-11	6.94E-11	2.29E-10	1.35E-09	2.16E-11	4.88E-10	2.48E-08	2.30E-09	2.95E-08
1437	NG_133	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.757	1.43E-07	2.49E-07	Not Modelled	4.35E-09	1.28E-10	5.16E-06	1.38E-08	2.76E-09	2.76E-16	1.38E-09	3.30E-11	2.43E-11	6.76E-11	2.23E-10	1.32E-09	2.10E-11	4.75E-10	2.41E-08	2.24E-09	2.88E-08
1438	NG_134	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.757	1.40E-07	2.44E-07	Not Modelled	4.20E-09	1.25E-10	5.02E-06	1.35E-08	2.70E-09	2.70E-16	1.35E-09	3.23E-11	2.38E-11	6.61E-11	2.18E-10	1.29E-09	2.06E-11	4.65E-10	2.36E-08	2.19E-09	2.81E-08
1439	NG_135	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.757	1.37E-07	2.38E-07	Not Modelled	4.05E-09	1.22E-10	4.89E-06	1.32E-08	2.64E-09	2.64E-16	1.32E-09	3.16E-11	2.33E-11	6.47E-11	2.13E-10	1.26E-09	2.01E-11	4.55E-10	2.31E-08	2.14E-09	2.75E-08
1440	NG_136	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.757	1.34E-07	2.34E-07	Not Modelled	3.92E-09	1.20E-10	4.77E-06	1.29E-08	2.59E-09	2.59E-16	1.29E-09	3.09E-11	2.28E-11	6.34E-11	2.09E-10	1.23E-09	1.97E-11	4.46E-10	2.26E-08	2.10E-09	2.70E-08
1441	NG_137	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.757	1.30E-07	2.27E-07	Not Modelled	3.76E-09	1.16E-10	4.60E-06	1.26E-08	2.52E-09	2.52E-16	1.26E-09	3.01E-11	2.22E-11	6.17E-11	2.03E-10	1.20E-09	1.92E-11	4.33E-10	2.20E-08	2.04E-09	2.62E-08
1442	NG_138	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.757	1.27E-07	2.22E-07	Not Modelled	3.63E-09	1.14E-10	4.46E-06	1.23E-08	2.46E-09	2.46E-16	1.23E-09	2.94E-11	2.17E-11	6.03E-11	1.99E-10	1.17E-09	1.88E-11	4.24E-10	2.15E-08	2.00E-09	2.57E-08
1443	NG_139	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.757	1.26E-07	2.19E-07	Not Modelled	3.53E-09	1.12E-10	4.37E-06	1.21E-08	2.43E-09	2.43E-16	1.21E-09	2.91E-11	2.14E-11	5.96E-11	1.96E-10	1.16E-09	1.85E-11	4.19E-10	2.13E-08	1.97E-09	2.53E-08
1444	NG_140	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.757	1.26E-07	2.20E-07	Not Modelled	3.49E-09	1.13E-10	4.35E-06	1.22E-08	2.43E-09	2.43E-16	1.22E-09	2.91E-11	2.15E-11	5.97E-11	1.97E-10	1.16E-09	1.86E-11	4.20E-10	2.13E-08	1.97E-09	2.54E-08
1445	NG_141	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.757	1.28E-07	2.24E-07	Not Modelled	3.50E-09	1.14E-10	4.38E-06	1.24E-08	2.47E-09	2.47E-16	1.24E-09	2.96E-11	2.18E-11	6.07E-11	2.00E-10	1.18E-09	1.89E-11	4.26E-10	2.17E-08	2.01E-09	2.58E-08
1446	NG_142	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.757	1.33E-07	2.34E-07	Not Modelled	3.59E-09	1.19E-10	4.50E-06	1.29E-08	2.57E-09	2.57E-16	1.29E-09	3.08E-11	2.27E-11	6.31E-11	2.08E-10	1.23E-09	1.97E-11	4.44E-10	2.25E-08	2.09E-09	2.69E-08
1447	NG_143	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.757	1.43E-07	2.53E-07	Not Modelled	3.82E-09	1.28E-10	4.82E-06	1.38E-08	2.77E-09	2.77E-16	1.39E-09	3.31E-11	2.44E-11	6.79E-11	2.24E-10	1.32E-09	2.11E-11	4.77E-10	2.42E-08	2.25E-09	2.89E-08
1448	NG_144	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.757	1.56E-07	2.78E-07	Not Modelled	4.15E-09	1.40E-10	5.25E-06	1.52E-08	3.03E-09	3.03E-16	1.52E-09	3.63E-11	2.68E-11	7.44E-11	2.45E-10	1.45E-09	2.32E-11	5.23E-10	2.66E-08	2.46E-09	3.17E-08
1449	NG_145	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.757	1.71E-07	3.08E-07	Not Modelled	4.53E-09	1.54E-10	5.73E-06	1.67E-08	3.34E-09	3.34E-16	1.67E-09	3.99E-11	2.94E-11	8.18E-11	2.69E-10	1.59E-09	2.55E-11	5.75E-10	2.92E-08	2.71E-09	3.48E-08
1450	NG_146	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.757	1.87E-07	3.38E-07	Not Modelled	4.91E-09	1.69E-10	6.20E-06	1.82E-08	3.65E-09	3.65E-16	1.82E-09	4.36E-11	3.22E-11	8.95E-11	2.95E-10	1.74E-09	2.79E-11	6.29E-10	3.19E-08	2.96E-09	3.81E-08
1451	NG_147	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.757	2.03E-07	3.70E-07	Not Modelled	5.34E-09	1.84E-10	6.70E-06	1.99E-08	3.98E-09	3.98E-16	1.99E-09	4.76E-11	3.51E-11	9.76E-11	3.21E-10	1.90E-09	3.04E-11	6.86E-10	3.48E-08	3.23E-09	4.15E-08
1452	NG_148	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.757	2.20E-07	4.03E-07	Not Modelled	5.81E-09	2.00E-10	7.20E-06	2.16E-08	4.32E-09	4.32E-16	2.16E-09	5.17E-11	3.81E-11	1.06E-10	3.49E-10	2.06E-09	3.30E-11	7.45E-10	3.78E-08	3.50E-09	4.51E-08
1453	NG_149	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.757	2.37E-07	4.38E-07	Not Modelled	6.40E-09	2.16E-10	7.71E-06	2.34E-08	4.68E-09	4.68E-16	2.34E-09	5.60E-11	4.12E-11	1.15E-10	3.78E-10	2.23E-09	3.57E-11	8.07E-10	4.10E-08	3.80E-09	4.88E-08
1454	NG_150	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.757	2.56E-07	4.75E-07	Not Modelled	7.16E-09	2.34E-10	8.21E-06	2.53E-08	5.06E-09	5.06E-16	2.53E-09	6.06E-11	4.46E-11	1.24E-10	4.09E-10	2.42E-09	3.87E-11	8.73E-10	4.43E-08	4.11E-09	5.29E-08
1455	NG_151	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.757	2.78E-07	5.18E-07	Not Modelled	8.17E-09	2.54E-10	8.76E-06	2.75E-08	5.50E-09	5.50E-16	2.75E-09	6.58E-11	4.84E-11	1.35E-10	4.44E-10	2.62E-09	4.20E-11	9.48E-10	4.81E-08	4.46E-09	5.74E-08
1456	NG_152	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.757	3.02E-07	5.67E-07	Not Modelled	9.52E-09	2.77E-10	9.40E-06	3.00E-08	5.99E-09	5.99E-16	3.00E-09	7.17E-11	5.28E-11	1.47E-10	4.84E-10	2.86E-09	4.58E-11	1.03E-09	5.25E-08	4.86E-09	6.25E-08
1457	NG_153	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.757	3.30E-07	6.22E-07	Not Modelled	1.13E-08	3.03E-10	1.01E-05	3.27E-08	6.55E-09	6.55E-16	3.27E-09	7.83E-11	5.77E-11	1.61E-10	5.29E-10	3.13E-09	5.00E-11	1.13E-09	5.73E-08	5.31E-09	6.83E-08
1458	NG_154	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.757	3.59E-07	6.78E-07	Not Modelled	1.35E-08	3.29E-10	1.09E-05	3.56E-08	7.12E-09	7.12E-16	3.56E-09	8.52E-11	6.27E-11	1.75E-10	5.75E-10	3.40E-09	5.43E-11	1.23E-09	6.23E-08	5.77E-09	7.43E-08
1459	NG_155	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.757	3.90E-07	7.41E-07	Not Modelled	1.62E-08	3.58E-10	1.18E-05	3.87E-08	7.74E-09	7.74E-16	3.87E-09	9.26E-11	6.82E-11	1.90E-10	6.25E-10	3.70E-09	5.91E-11	1.33E-09	6.78E-08	6.28E-09	8.08E-08
1460	NG_156	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.757	4.20E-07	8.01E-07	Not Modelled	1.92E-08	3.86E-10	1.27E-05	4.17E-08	8.34E-09	8.34E-16	4.17E-09	9.98E-11	7.35E-11	2.05E-10	6.73E-10	3.98E-09	6.37E-11	1.44E-09	7.30E-08	6.77E-09	8.70E-08
1461	NG_157	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.757	4.45E-07	8.51E-07	Not Modelled	2.22E-08	4.09E-10	1.34E-05	4.42E-08	8.84E-09	8.84E-16	4.42E-09	1.06E-10	7.80E-11	2.17E-10	7.14E-10	4.22E-09	6.75E-11	1.52E-09	7.74E-08	7.17E-09	9.23E-08
1462	NG_158	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.757	4.64E-07	8.90E-07	Not Modelled	2.51E-08	4.27E-10	1.41E-05	4.61E-08	9.22E-09	9.22E-16	4.61E-09	1.10E-10	8.13E-11	2.26E-10	7.45E-10	4.40E-09	7.04E-11	1.59E-09	8.08E-08	7.48E-09	9.63E-08
1463	NG_159	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.757	4.77E-07	9.17E-07	Not Modelled	2.79E-08	4.39E-10	1.46E-05	4.75E-08	9.49E-09	9.49E-16	4.75E-09	1.14E-10	8.36E-11	2.33E-10	7.66E-10	4.53E-09	7.25E-11	1.64E-09	8.31E-08	7.70E-09	9.90E-08
1464	NG_160	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.757	4.82E-07	9.27E-07	Not Modelled	3.03E-08	4.43E-10	1.48E-05	4.79E-08	9.58E-09	9.58E-16	4.79E-09	1.15E-10	8.44E-11	2.35E-10	7.74E-10	4.57E-09	7.32E-11	1.65E-09	8.39E-08	7.77E-09	1.00E-07
1465	NG_161	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.757	4.83E-07	9.31E-07	Not Modelled	3.24E-08	4.45E-10	1.49E-05	4.80E-08	9.61E-09	9.61E-16	4.81E-09	1.15E-10	8.47E-11	2.36E-10	7.76E-10	4.59E-09	7.34E-11	1.66E-09	8.41E-08	7.79E-09	1.00E-07
1466	NG_162	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.757	4.81E-07	9.27E-07	Not Modelled	3.44E-08	4.42E-10	1.49E-05	4.78E-08	9.56E-09	9.56E-16	4.78E-09	1.14E-10	8.43E-11	2.35E-10	7.72E-10	4.57E-09	7.30E-11	1.65E-09	8.37E-08	7.76E-09	9.98E-08
1467	NG_163	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.757	4.70E-07	9.06E-07	Not Modelled	3.57E-08	4.32E-10	1.47E-05	4.67E-08	9.34E-09	9.34E-16	4.67E-09	1.12E-10	8.23E-11	2.29E-10	7.54E-10	4.46E-09	7.13E-11	1.61E-09	8.18E-08	7.58E-09	9.75E-08
1468	NG_164	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.757	4.56E-07	8.79E-07	Not Modelled	3.66E-08	4.19E-10	1.43E-05	4.53E-08	9.06E-09	9.06E-16	4.53E-09	1.08E-10	7.99E-11	2.22E-10	7.32E-10	4.33E-09	6.92E-11	1.56E-09	7.94E-08	7.35E-09	9.46E-08
1469	NG_165	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.807	1.85E-07	3.27E-07	Not Modelled	5.98E-09	1.64E-10	6.46E-06	1.77E-08	3.54E-09	3.54E-16	1.77E-09	4.24E-11	3.12E-11	8.69E-11	2.86E-10	1.69E-09	2.71E-11	6.11E-10	3.10E-08	2.88E-09	3.70E-08
1470	NG_166	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.807	1.85E-07	3.29E-07	Not Modelled	6.04E-09	1.65E-10	6.56E-06	1.78E-08	3.56E-09	3.56E-16	1.78E-09	4.26E-11	3.14E-11	8.73E-11	2.88E-10	1.70E-09	2.72E-11	6.14E-10	3.12E-08	2.89E-09	3.72E-08
1471	NG_167	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.807	1.85E-07	3.28E-07	Not Modelled	6.06E-09	1.65E-10	6.62E-06	1.78E-08	3.56E-09	3.56E-16	1.78E-09	4.26E-11	3.14E-11	8.73E-11	2.87E-10	1.70E-09	2.72E-11	6.13E-10	3.12E-08	2.89E-09	3.71E-08
1472	NG_168	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.807	1.84E-07	3.27E-07	Not Modelled	6.05E-09	1.64E-10	6.68E-06	1.77E-08	3.55E-09	3.55E-16	1.77E-09	4.24E-11	3.13E-11	8.70E-11	2.86E-10	1.69E-09	2.71E-11	6.11E-10	3.10E-08	2.88E-09	3.70E-08
1473	NG_169	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.807	1.81E-07	3.23E-07	Not Modelled	5.97E-09	1.62E-10	6.65E-06	1.75E-08	3.50E-09	3.50E-16	1.75E-09	4.19E-11	3.09E-11	8.59E-11	2.83E-10	1.67E-09	2.67E-11	6.04E-10	3.07E-08	2.84E-09	3.66E-08
1474	NG_170	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.807	1.77E-07	3.16E-07	Not Modelled	5.84E-09	1.59E-10	6.55E-06	1.72E-08	3.44E-09	3.44E-16	1.72E-09	4.11E-11	3.03E-11	8.43E-11	2.78E-10	1.64E-09	2.63E-11	5.93E-10	3.01E-08	2.79E-09	3.59E-08
1475	NG_171	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.807	1.73E-07	3.09E-07	Not Modelled	5.67E-09	1.56E-10	6.42E-06	1.68E-08	3.37E-09	3.37E-16	1.68E-09	4.03E-11	2.97E-11	8.25E-11	2.72E-10	1.61E-09	2.57E-11	5.80E-10	2.95E-08	2.73E-09	3.51E-08
1476	NG_172	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.807	1.70E-07	3.03E-07	Not Modelled	5.52E-09	1.53E-10	6.33E-06	1.65E-08	3.30E-09	3.30E-16	1.65E-09	3.95E-11	2.91E-11	8.10E-11	2.67E-10	1.58E-09	2.52E-11	5.69E-10	2.89E-08	2.68E-09	3.45E-08
1477	NG_173	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.807	1.66E-07	2.94E-07	Not Modelled	5.32E-09	1.49E-10	6.15E-06	1.61E-08	3.22E-09	3.22E-16	1.61E-09	3.85E-11	2.84E-11	7.90E-11	2.60E-10	1.54E-09	2.46E-11	5.55E-10	2.82E-08	2.61E-09	3.36E-08
1478	NG_174	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.807	1.61E-07	2.87E-07	Not Modelled	5.12E-09	1.45E-10	5.98E-06	1.57E-08	3.14E-09	3.14E-16	1.57E-09	3.76E-11	2.77E-11	7.71E-11	2.54E-10	1.50E-09	2.40E-11	5.42E-10	2.75E-08	2.55E-09	3.28E-08
1479	NG_175	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.807	1.57E-07	2.79E-07	Not Modelled	4.91E-09	1.42E-10	5.78E-06	1.53E-08	3.06E-09	3.06E-16	1.53E-09	3.66E-11	2.70E-11	7.50E-11	2.47E-10	1.46E-09	2.34E-11	5.27E-10	2.68E-08	2.48E-09	3.19E-08
1480	NG_176	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.807	1.54E-07	2.74E-07	Not Modelled	4.75E-09	1.39E-10	5.67E-06	1.50E-08	3.00E-09	3.00E-16	1.50E-09	3.59E-11	2.65E-11	7.37E-11	2.43E-10	1.43E-09	2.29E-11	5.18E-10	2.63E-08	2.44E-09	3.13E-08

AQIA DATA - SCENARIO 2 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**3.08E-06**	**5.69E-06**	**0.00E+00**	**3.69E-07**	**2.85E-09**	**1.88E-04**	**3.08E-07**	**6.16E-08**	**6.16E-15**	**3.08E-08**	**7.37E-10**	**5.43E-10**	**1.51E-09**	**4.98E-09**	**2.94E-08**	**4.71E-10**	**1.06E-08**	**5.40E-07**	**5.00E-08**	**6.43E-07**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1481	NG_177	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.807	1.50E-07	2.67E-07	Not Modelled	4.56E-09	1.36E-10	5.49E-06	1.46E-08	2.93E-09	2.93E-16	1.47E-09	3.50E-11	2.58E-11	7.18E-11	2.37E-10	1.40E-09	2.24E-11	5.05E-10	2.56E-08	2.38E-09	3.06E-08
1482	NG_178	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.807	1.46E-07	2.60E-07	Not Modelled	4.39E-09	1.32E-10	5.31E-06	1.43E-08	2.86E-09	2.86E-16	1.43E-09	3.42E-11	2.52E-11	7.01E-11	2.31E-10	1.36E-09	2.18E-11	4.92E-10	2.50E-08	2.32E-09	2.98E-08
1483	NG_179	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.807	1.42E-07	2.53E-07	Not Modelled	4.21E-09	1.29E-10	5.11E-06	1.39E-08	2.78E-09	2.78E-16	1.39E-09	3.33E-11	2.45E-11	6.82E-11	2.24E-10	1.33E-09	2.12E-11	4.79E-10	2.43E-08	2.26E-09	2.90E-08
1484	NG_180	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.807	1.40E-07	2.49E-07	Not Modelled	4.10E-09	1.27E-10	5.00E-06	1.37E-08	2.74E-09	2.74E-16	1.37E-09	3.28E-11	2.42E-11	6.72E-11	2.21E-10	1.31E-09	2.09E-11	4.73E-10	2.40E-08	2.22E-09	2.86E-08
1485	NG_181	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.807	1.40E-07	2.49E-07	Not Modelled	4.02E-09	1.27E-10	4.94E-06	1.37E-08	2.73E-09	2.73E-16	1.37E-09	3.27E-11	2.41E-11	6.71E-11	2.21E-10	1.31E-09	2.09E-11	4.71E-10	2.39E-08	2.22E-09	2.85E-08
1486	NG_182	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.807	1.43E-07	2.54E-07	Not Modelled	4.03E-09	1.29E-10	4.99E-06	1.39E-08	2.79E-09	2.79E-16	1.39E-09	3.33E-11	2.46E-11	6.83E-11	2.25E-10	1.33E-09	2.13E-11	4.80E-10	2.44E-08	2.26E-09	2.91E-08
1487	NG_183	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.807	1.49E-07	2.66E-07	Not Modelled	4.15E-09	1.35E-10	5.14E-06	1.46E-08	2.91E-09	2.91E-16	1.46E-09	3.48E-11	2.57E-11	7.14E-11	2.35E-10	1.39E-09	2.22E-11	5.02E-10	2.55E-08	2.36E-09	3.04E-08
1488	NG_184	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.807	1.60E-07	2.87E-07	Not Modelled	4.42E-09	1.45E-10	5.48E-06	1.57E-08	3.13E-09	3.13E-16	1.57E-09	3.75E-11	2.76E-11	7.68E-11	2.53E-10	1.49E-09	2.39E-11	5.40E-10	2.74E-08	2.54E-09	3.27E-08
1489	NG_185	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.807	1.75E-07	3.18E-07	Not Modelled	4.81E-09	1.59E-10	5.98E-06	1.72E-08	3.44E-09	3.44E-16	1.72E-09	4.12E-11	3.03E-11	8.44E-11	2.78E-10	1.64E-09	2.63E-11	5.93E-10	3.01E-08	2.79E-09	3.59E-08
1490	NG_186	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.807	1.94E-07	3.53E-07	Not Modelled	5.29E-09	1.76E-10	6.59E-06	1.91E-08	3.81E-09	3.81E-16	1.91E-09	4.56E-11	3.36E-11	9.35E-11	3.08E-10	1.82E-09	2.91E-11	6.57E-10	3.34E-08	3.09E-09	3.98E-08
1491	NG_187	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.807	2.12E-07	3.89E-07	Not Modelled	5.75E-09	1.93E-10	7.16E-06	2.09E-08	4.18E-09	4.18E-16	2.09E-09	5.00E-11	3.69E-11	1.03E-10	3.38E-10	2.00E-09	3.19E-11	7.21E-10	3.66E-08	3.39E-09	4.36E-08
1492	NG_188	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.807	2.29E-07	4.22E-07	Not Modelled	6.19E-09	2.09E-10	7.63E-06	2.26E-08	4.52E-09	4.52E-16	2.26E-09	5.41E-11	3.99E-11	1.11E-10	3.65E-10	2.16E-09	3.45E-11	7.80E-10	3.96E-08	3.67E-09	4.72E-08
1493	NG_189	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.807	2.48E-07	4.59E-07	Not Modelled	6.76E-09	2.27E-10	8.17E-06	2.45E-08	4.91E-09	4.91E-16	2.45E-09	5.87E-11	4.32E-11	1.20E-10	3.96E-10	2.34E-09	3.75E-11	8.46E-10	4.30E-08	3.98E-09	5.12E-08
1494	NG_190	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.807	2.70E-07	5.01E-07	Not Modelled	7.54E-09	2.47E-10	8.79E-06	2.67E-08	5.34E-09	5.34E-16	2.67E-09	6.39E-11	4.71E-11	1.31E-10	4.31E-10	2.55E-09	4.08E-11	9.21E-10	4.68E-08	4.33E-09	5.57E-08
1495	NG_191	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.807	2.95E-07	5.52E-07	Not Modelled	8.63E-09	2.71E-10	9.52E-06	2.93E-08	5.86E-09	5.86E-16	2.93E-09	7.01E-11	5.16E-11	1.44E-10	4.73E-10	2.80E-09	4.47E-11	1.01E-09	5.13E-08	4.75E-09	6.12E-08
1496	NG_192	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.807	3.22E-07	6.05E-07	Not Modelled	1.00E-08	2.96E-10	1.02E-05	3.20E-08	6.40E-09	6.40E-16	3.20E-09	7.66E-11	5.64E-11	1.57E-10	5.17E-10	3.06E-09	4.89E-11	1.10E-09	5.61E-08	5.20E-09	6.68E-08
1497	NG_193	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.807	3.53E-07	6.66E-07	Not Modelled	1.19E-08	3.25E-10	1.10E-05	3.51E-08	7.02E-09	7.02E-16	3.51E-09	8.40E-11	6.18E-11	1.72E-10	5.67E-10	3.35E-09	5.36E-11	1.21E-09	6.14E-08	5.69E-09	7.32E-08
1498	NG_194	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.807	3.85E-07	7.30E-07	Not Modelled	1.43E-08	3.55E-10	1.19E-05	3.84E-08	7.67E-09	7.67E-16	3.84E-09	9.18E-11	6.76E-11	1.88E-10	6.19E-10	3.66E-09	5.86E-11	1.32E-09	6.71E-08	6.22E-09	8.00E-08
1499	NG_195	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.807	4.20E-07	7.99E-07	Not Modelled	1.73E-08	3.86E-10	1.28E-05	4.18E-08	8.35E-09	8.35E-16	4.18E-09	9.99E-11	7.36E-11	2.05E-10	6.74E-10	3.99E-09	6.38E-11	1.44E-09	7.31E-08	6.78E-09	8.72E-08
1500	NG_196	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.807	4.54E-07	8.68E-07	Not Modelled	2.09E-08	4.19E-10	1.39E-05	4.52E-08	9.05E-09	9.05E-16	4.53E-09	1.08E-10	7.97E-11	2.22E-10	7.31E-10	4.32E-09	6.91E-11	1.56E-09	7.92E-08	7.34E-09	9.44E-08
1501	NG_197	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.807	4.86E-07	9.31E-07	Not Modelled	2.47E-08	4.47E-10	1.49E-05	4.83E-08	9.67E-09	9.67E-16	4.84E-09	1.16E-10	8.52E-11	2.37E-10	7.81E-10	4.62E-09	7.38E-11	1.67E-09	8.46E-08	7.84E-09	1.01E-07
1502	NG_198	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.807	5.10E-07	9.80E-07	Not Modelled	2.85E-08	4.70E-10	1.58E-05	5.08E-08	1.02E-08	1.02E-15	5.08E-09	1.21E-10	8.95E-11	2.49E-10	8.20E-10	4.85E-09	7.75E-11	1.75E-09	8.89E-08	8.23E-09	1.06E-07
1503	NG_199	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.807	5.27E-07	1.02E-06	Not Modelled	3.19E-08	4.86E-10	1.64E-05	5.25E-08	1.05E-08	1.05E-15	5.25E-09	1.26E-10	9.25E-11	2.57E-10	8.47E-10	5.01E-09	8.01E-11	1.81E-09	9.19E-08	8.51E-09	1.10E-07
1504	NG_200	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.807	5.37E-07	1.04E-06	Not Modelled	3.50E-08	4.95E-10	1.69E-05	5.35E-08	1.07E-08	1.07E-15	5.35E-09	1.28E-10	9.42E-11	2.62E-10	8.63E-10	5.10E-09	8.16E-11	1.84E-09	9.36E-08	8.67E-09	1.12E-07
1505	NG_201	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.807	5.40E-07	1.04E-06	Not Modelled	3.75E-08	4.98E-10	1.71E-05	5.38E-08	1.08E-08	1.08E-15	5.38E-09	1.29E-10	9.48E-11	2.64E-10	8.68E-10	5.14E-09	8.21E-11	1.85E-09	9.42E-08	8.72E-09	1.12E-07
1506	NG_202	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.807	5.35E-07	1.03E-06	Not Modelled	3.95E-08	4.93E-10	1.71E-05	5.33E-08	1.07E-08	1.07E-15	5.33E-09	1.28E-10	9.39E-11	2.61E-10	8.60E-10	5.09E-09	8.14E-11	1.84E-09	9.33E-08	8.64E-09	1.11E-07
1507	NG_203	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.807	5.23E-07	1.01E-06	Not Modelled	4.10E-08	4.82E-10	1.68E-05	5.21E-08	1.04E-08	1.04E-15	5.21E-09	1.25E-10	9.19E-11	2.56E-10	8.42E-10	4.98E-09	7.96E-11	1.80E-09	9.13E-08	8.46E-09	1.09E-07
1508	NG_204	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.807	5.06E-07	9.79E-07	Not Modelled	4.20E-08	4.66E-10	1.63E-05	5.04E-08	1.01E-08	1.01E-15	5.04E-09	1.21E-10	8.88E-11	2.47E-10	8.14E-10	4.81E-09	7.70E-11	1.74E-09	8.82E-08	8.18E-09	1.05E-07
1509	NG_205	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.807	4.88E-07	9.45E-07	Not Modelled	4.25E-08	4.50E-10	1.58E-05	4.86E-08	9.72E-09	9.72E-16	4.86E-09	1.16E-10	8.57E-11	2.38E-10	7.85E-10	4.64E-09	7.43E-11	1.68E-09	8.51E-08	7.89E-09	1.01E-07
1510	NG_206	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.857	1.96E-07	3.53E-07	Not Modelled	6.56E-09	1.76E-10	6.79E-06	1.90E-08	3.81E-09	3.81E-16	1.91E-09	4.55E-11	3.36E-11	9.34E-11	3.07E-10	1.82E-09	2.91E-11	6.56E-10	3.33E-08	3.09E-09	3.97E-08
1511	NG_207	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.857	1.99E-07	3.59E-07	Not Modelled	6.71E-09	1.79E-10	6.98E-06	1.93E-08	3.86E-09	3.86E-16	1.93E-09	4.62E-11	3.41E-11	9.48E-11	3.12E-10	1.84E-09	2.95E-11	6.66E-10	3.38E-08	3.14E-09	4.03E-08
1512	NG_208	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.857	2.01E-07	3.63E-07	Not Modelled	6.84E-09	1.81E-10	7.18E-06	1.96E-08	3.91E-09	3.91E-16	1.96E-09	4.68E-11	3.45E-11	9.60E-11	3.16E-10	1.87E-09	2.99E-11	6.75E-10	3.43E-08	3.18E-09	4.09E-08
1513	NG_209	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6366.857	2.02E-07	3.66E-07	Not Modelled	6.93E-09	1.83E-10	7.36E-06	1.97E-08	3.95E-09	3.95E-16	1.98E-09	4.72E-11	3.48E-11	9.68E-11	3.19E-10	1.88E-09	3.01E-11	6.80E-10	3.46E-08	3.20E-09	4.12E-08
1514	NG_210	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.857	2.01E-07	3.64E-07	Not Modelled	6.91E-09	1.82E-10	7.41E-06	1.96E-08	3.93E-09	3.93E-16	1.97E-09	4.70E-11	3.46E-11	9.64E-11	3.17E-10	1.88E-09	3.00E-11	6.77E-10	3.44E-08	3.19E-09	4.10E-08
1515	NG_211	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.857	1.97E-07	3.58E-07	Not Modelled	6.79E-09	1.79E-10	7.35E-06	1.93E-08	3.87E-09	3.87E-16	1.93E-09	4.62E-11	3.41E-11	9.48E-11	3.12E-10	1.85E-09	2.95E-11	6.66E-10	3.38E-08	3.14E-09	4.04E-08
1516	NG_212	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.857	1.94E-07	3.52E-07	Not Modelled	6.66E-09	1.76E-10	7.31E-06	1.91E-08	3.81E-09	3.81E-16	1.91E-09	4.56E-11	3.36E-11	9.34E-11	3.08E-10	1.82E-09	2.91E-11	6.57E-10	3.34E-08	3.09E-09	3.98E-08
1517	NG_213	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.857	1.92E-07	3.47E-07	Not Modelled	6.54E-09	1.74E-10	7.31E-06	1.88E-08	3.77E-09	3.77E-16	1.88E-09	4.50E-11	3.32E-11	9.23E-11	3.04E-10	1.80E-09	2.87E-11	6.49E-10	3.30E-08	3.06E-09	3.93E-08
1518	NG_214	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.857	1.88E-07	3.40E-07	Not Modelled	6.33E-09	1.71E-10	7.19E-06	1.85E-08	3.69E-09	3.69E-16	1.85E-09	4.41E-11	3.25E-11	9.05E-11	2.98E-10	1.76E-09	2.82E-11	6.36E-10	3.23E-08	2.99E-09	3.85E-08
1519	NG_215	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.857	1.82E-07	3.29E-07	Not Modelled	6.06E-09	1.66E-10	6.95E-06	1.79E-08	3.59E-09	3.59E-16	1.79E-09	4.29E-11	3.16E-11	8.79E-11	2.90E-10	1.71E-09	2.74E-11	6.18E-10	3.14E-08	2.91E-09	3.74E-08
1520	NG_216	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.857	1.77E-07	3.20E-07	Not Modelled	5.81E-09	1.61E-10	6.73E-06	1.74E-08	3.49E-09	3.49E-16	1.75E-09	4.17E-11	3.08E-11	8.56E-11	2.82E-10	1.67E-09	2.66E-11	6.01E-10	3.05E-08	2.83E-09	3.64E-08
1521	NG_217	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.857	1.73E-07	3.11E-07	Not Modelled	5.58E-09	1.57E-10	6.52E-06	1.70E-08	3.40E-09	3.40E-16	1.70E-09	4.07E-11	3.00E-11	8.34E-11	2.75E-10	1.62E-09	2.60E-11	5.86E-10	2.98E-08	2.76E-09	3.55E-08
1522	NG_218	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6366.857	1.69E-07	3.04E-07	Not Modelled	5.37E-09	1.54E-10	6.34E-06	1.66E-08	3.32E-09	3.32E-16	1.66E-09	3.97E-11	2.93E-11	8.14E-11	2.68E-10	1.58E-09	2.53E-11	5.72E-10	2.91E-08	2.69E-09	3.46E-08
1523	NG_219	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.857	1.64E-07	2.95E-07	Not Modelled	5.15E-09	1.49E-10	6.11E-06	1.62E-08	3.23E-09	3.23E-16	1.62E-09	3.86E-11	2.85E-11	7.92E-11	2.61E-10	1.54E-09	2.47E-11	5.57E-10	2.83E-08	2.62E-09	3.37E-08
1524	NG_220	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.857	1.60E-07	2.87E-07	Not Modelled	4.95E-09	1.46E-10	5.88E-06	1.57E-08	3.14E-09	3.14E-16	1.57E-09	3.76E-11	2.77E-11	7.71E-11	2.54E-10	1.50E-09	2.40E-11	5.42E-10	2.75E-08	2.55E-09	3.28E-08
1525	NG_221	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.857	1.57E-07	2.83E-07	Not Modelled	4.79E-09	1.43E-10	5.73E-06	1.55E-08	3.09E-09	3.09E-16	1.55E-09	3.70E-11	2.73E-11	7.58E-11	2.50E-10	1.48E-09	2.36E-11	5.33E-10	2.71E-08	2.51E-09	3.23E-08
1526	NG_222	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.857	1.57E-07	2.83E-07	Not Modelled	4.71E-09	1.43E-10	5.69E-06	1.55E-08	3.10E-09	3.10E-16	1.55E-09	3.70E-11	2.73E-11	7.59E-11	2.50E-10	1.48E-09	2.36E-11	5.34E-10	2.71E-08	2.51E-09	3.23E-08
1527	NG_223	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.857	1.60E-07	2.88E-07	Not Modelled	4.70E-09	1.46E-10	5.71E-06	1.57E-08	3.15E-09	3.15E-16	1.57E-09	3.76E-11	2.77E-11	7.71E-11	2.54E-10	1.50E-09	2.40E-11	5.42E-10	2.75E-08	2.55E-09	3.28E-08
1528	NG_224	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.857	1.67E-07	3.01E-07	Not Modelled	4.82E-09	1.52E-10	5.87E-06	1.64E-08	3.28E-09	3.28E-16	1.64E-09	3.93E-11	2.89E-11	8.05E-11	2.65E-10	1.57E-09	2.51E-11	5.66E-10	2.87E-08	2.66E-09	3.43E-08
1529	NG_225	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.857	1.80E-07	3.27E-07	Not Modelled	5.14E-09	1.64E-10	6.29E-06	1.77E-08	3.55E-09	3.55E-16	1.78E-09	4.25E-11	3.13E-11	8.71E-11	2.87E-10	1.69E-09	2.71E-11	6.12E-10	3.11E-08	2.88E-09	3.70E-08
1530	NG_226	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.857	1.99E-07	3.65E-07	Not Modelled	5.63E-09	1.82E-10	6.93E-06	1.97E-08	3.94E-09	3.94E-16	1.97E-09	4.71E-11	3.47E-11	9.65E-11	3.18E-10	1.88E-09	3.01E-11	6.79E-10	3.45E-08	3.19E-09	4.11E-08
1531	NG_227	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.857	2.22E-07	4.09E-07	Not Modelled	6.23E-09	2.03E-10	7.71E-06	2.20E-08	4.39E-09	4.39E-16	2.20E-09	5.26E-11	3.87E-11	1.08E-10	3.55E-10	2.10E-09	3.36E-11	7.58E-10	3.85E-08	3.56E-09	4.59E-08
1532	NG_228	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.857	2.43E-07	4.49E-07	Not Modelled	6.77E-09	2.23E-10	8.33E-06	2.41E-08	4.82E-09	4.82E-16	2.41E-09	5.76E-11	4.25E-11	1.18E-10	3.89E-10	2.30E-09	3.68E-11	8.30E-10	4.22E-08	3.91E-09	5.03E-08
1533	NG_229	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.857	2.61E-07	4.84E-07	Not Modelled	7.26E-09	2.40E-10	8.77E-06	2.59E-08	5.18E-09	5.18E-16	2.59E-09	6.20E-11	4.57E-11	1.27E-10	4.19E-10	2.48E-09	3.96E-11	8.94E-10	4.54E-08	4.20E-09	5.41E-08
1534	NG_230	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.857	2.83E-07	5.25E-07	Not Modelled	7.95E-09	2.60E-10	9.34E-06	2.81E-08	5.61E-09	5.61E-16	2.81E-09	6.72E-11	4.95E-11	1.38E-10	4.53E-10	2.68E-09	4.29E-11	9.68E-10	4.91E-08	4.55E-09	5.86E-08
1535	NG_231	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.857	3.10E-07	5.79E-07	Not Modelled	9.02E-09	2.85E-10	1.01E-05	3.08E-08	6.17E-09	6.17E-16	3.08E-09	7.38E-11	5.44E-11	1.51E-10	4.98E-10	2.94E-09	4.71E-11	1.06E-09	5.40E-08	5.00E-09	6.44E-08
1536	NG_232	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.857	3.41E-07	6.41E-07	Not Modelled	1.05E-08	3.14E-10	1.10E-05	3.40E-08	6.80E-09	6.80E-16	3.40E-09	8.13E-11	5.99E-11	1.67E-10	5.49E-10	3.24E-09	5.19E-11	1.17E-09	5.95E-08	5.51E-09	7.09E-08
1537	NG_233	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.857	3.76E-07	7.08E-07	Not Modelled	1.24E-08	3.46E-10	1.19E-05	3.74E-08	7.48E-09	7.48E-16	3.74E-09	8.95E-11	6.59E-11	1.83E-10	6.04E-10	3.57E-09	5.71E-11	1.29E-09	6.55E-08	6.07E-09	7.81E-08
1538	NG_234	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.857	4.13E-07	7.83E-07	Not Modelled	1.50E-08	3.81E-10	1.29E-05	4.12E-08	8.23E-09	8.23E-16	4.12E-09	9.85E-11	7.26E-11	2.02E-10	6.65E-10	3.93E-09	6.29E-11	1.42E-09	7.21E-08	6.68E-09	8.59E-08
1539	NG_235	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.857	4.52E-07	8.60E-07	Not Modelled	1.83E-08	4.17E-10	1.39E-05	4.50E-08	9.00E-09	9.00E-16	4.50E-09	1.08E-10	7.94E-11	2.21E-10	7.27E-10	4.30E-09	6.88E-11	1.55E-09	7.88E-08	7.30E-09	9.40E-08
1540	NG_236	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.857	4.91E-07	9.38E-07	Not Modelled	2.24E-08	4.53E-10	1.51E-05	4.89E-08	9.79E-09	9.79E-16	4.89E-09	1.17E-10	8.63E-11	2.40E-10	7.90E-10	4.67E-09	7.47E-11	1.69E-09	8.57E-08	7.94E-09	1.02E-07
1541	NG_237	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.857	5.31E-07	1.02E-06	Not Modelled	2.71E-08	4.90E-10	1.65E-05	5.30E-08	1.06E-08	1.06E-15	5.30E-09	1.27E-10	9.33E-11	2.60E-10	8.55E-10	5.06E-09	8.09E-11	1.83E-09	9.27E-08	8.59E-09	1.11E-07
1542	NG_238	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.857	5.60E-07	1.08E-06	Not Modelled	3.19E-08	5.16E-10	1.76E-05	5.58E-08	1.12E-08	1.12E-15	5.58E-09	1.34E-10	9.84E-11	2.74E-10	9.01E-10	5.33E-09	8.52E-11	1.92E-09	9.77E-08	9.05E-09	1.17E-07
1543	NG_239	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.857	5.78E-07	1.12E-06	Not Modelled	3.62E-08	5.34E-10	1.84E-05	5.77E-08	1.15E-08	1.15E-15	5.77E-09	1.38E-10	1.02E-10	2.83E-10	9.32E-10	5.51E-09	8.81E-11	1.99E-09	1.01E-07	9.36E-09	1.20E-07
1544	NG_240	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.857	5.93E-07	1.15E-06	Not Modelled	4.02E-08	5.47E-10	1.90E-05	5.91E-08	1.18E-08	1.18E-15	5.92E-09	1.42E-10	1.04E-10	2.90E-10	9.55E-10	5.65E-09	9.03E-11	2.04E-09	1.04E-07	9.59E-09	1.23E-07
1545	NG_241	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.857	6.04E-07	1.17E-06	Not Modelled	4.35E-08	5.57E-10	1.97E-05	6.02E-08	1.20E-08	1.20E-15	6.02E-09	1.44E-10	1.06E-10	2.95E-10	9.73E-10	5.75E-09	9.20E-11	2.08E-09	1.05E-07	9.77E-09	1.26E-07
1546	NG_242	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.857	6.00E-07	1.16E-06	Not Modelled	4.59E-08	5.54E-10	1.97E-05	5.99E-08	1.20E-08	1.20E-15	5.99E-09	1.43E-10	1.06E-10	2.94E-10	9.67E-10	5.72E-09	9.14E-11	2.06E-09	1.05E-07	9.71E-09	1.25E-07
1547	NG_243	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.857	5.89E-07	1.14E-06	Not Modelled	4.75E-08	5.44E-10	1.95E-05	5.88E-08	1.18E-08	1.18E-15	5.88E-09	1.41E-10	1.04E-10	2.88E-10	9.49E-10	5.61E-09	8.98E-11	2.03E-09	1.03E-07	9.54E-09	1.23E-07
1548	NG_244	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.857	5.69E-07	1.11E-06	Not Modelled	4.85E-08	5.25E-10	1.89E-05	5.68E-08	1.14E-08	1.14E-15	5.68E-09	1.36E-10	1.00E-10	2.79E-10	9.17E-10	5.42E-09	8.67E-11	1.96E-09	9.94E-08	9.21E-09	1.19E-07
1549	NG_245	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.857	5.38E-07	1.05E-06	Not Modelled	4.86E-08	4.97E-10	1.79E-05	5.37E-08	1.07E-08	1.07E-15	5.37E-09	1.29E-10	9.47E-11	2.63E-10	8.67E-10	5.13E-09	8.20E-11	1.85E-09	9.40E-08	8.71E-09	1.12E-07
1550	NG_246	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.857	5.15E-07	9.99E-07	Not Modelled	4.84E-08	4.75E-10	1.72E-05	5.14E-08	1.03E-08	1.03E-15	5.14E-09	1.23E-10	9.05E-11	2.52E-10	8.29E-10	4.90E-09	7.84E-11	1.77E-09	8.99E-08	8.33E-09	1.07E-07
1551	NG_247	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.907	2.08E-07	3.78E-07	Not Modelled	7.22E-09	1.88E-10	7.15E-06	2.03E-08	4.07E-09	4.07E-16	2.03E-09	4.86E-11	3.58E-11	9.97E-11	3.28E-10	1.94E-09	3.10E-11	7.01E-10	3.56E-08	3.30E-09	4.24E-08
1552	NG_248	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.907	2.13E-07	3.89E-07	Not Modelled	7.49E-09	1.93E-10	7.45E-06	2.09E-08	4.18E-09	4.18E-16	2.09E-09	5.00E-11	3.68E-11	1.02E-10	3.37E-10	1.99E-09	3.19E-11	7.20E-10	3.66E-08	3.39E-09	4.36E-08
1553	NG_249	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6366.907	2.18E-07	4.00E-07	Not Modelled	7.75E-09	1.99E-10	7.79E-06	2.14E-08	4.29E-09	4.29E-16	2.15E-09	5.13E-11	3.78E-11	1.05E-10	3.46E-10	2.05E-09	3.27E-11	7.39E-10	3.76E-08	3.48E-09	4.48E-08
1554	NG_250	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6366.907	2.22E-07	4.07E-07	Not Modelled	7.94E-09	2.02E-10	8.06E-06	2.18E-08	4.36E-09	4.36E-16	2.18E-09	5.22E-11	3.84E-11	1.07E-10	3.52E-10	2.08E-09	3.33E-11	7.52E-10	3.82E-08	3.54E-09	4.55E-08
1555	NG_251	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.907	2.23E-07	4.09E-07	Not Modelled	8.03E-09	2.03E-10	8.24E-06	2.19E-08	4.39E-09	4.39E-16	2.19E-09	5.25E-11	3.87E-11	1.08E-10	3.54E-10	2.09E-09	3.35E-11	7.56E-10	3.84E-08	3.56E-09	4.58E-08
1556	NG_252	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.907	2.21E-07	4.05E-07	Not Modelled	7.98E-09	2.01E-10	8.26E-06	2.17E-08	4.35E-09	4.35E-16	2.18E-09	5.20E-11	3.83E-11	1.07E-10	3.51E-10	2.08E-09	3.32E-11	7.50E-10	3.81E-08	3.53E-09	4.54E-08
1557	NG_253	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.907	2.20E-07	4.03E-07	Not Modelled	7.94E-09	2.01E-10	8.37E-06	2.17E-08	4.34E-09	4.34E-16	2.17E-09	5.19E-11	3.82E-11	1.06E-10	3.50E-10	2.07E-09	3.31E-11	7.47E-10	3.80E-08	3.52E-09	4.53E-08
1558	NG_254	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.907	2.19E-07	4.01E-07	Not Modelled	7.85E-09	2.00E-10	8.49E-06	2.16E-08	4.32E-09	4.32E-16	2.16E-09	5.16E-11	3.81E-11	1.06E-10	3.49E-10	2.06E-09	3.30E-11	7.44E-10	3.78E-08	3.50E-09	4.51E-08
1559	NG_255	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.907	2.15E-07	3.93E-07	Not Modelled	7.63E-09	1.96E-10	8.41E-06	2.12E-08	4.24E-09	4.24E-16	2.12E-09	5.08E-11	3.74E-11	1.04E-10	3.43E-10	2.03E-09	3.24E-11	7.31E-10	3.71E-08	3.44E-09	4.43E-08
1560	NG_256	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.907	2.08E-07	3.79E-07	Not Modelled	7.26E-09	1.90E-10	8.09E-06	2.05E-08	4.10E-09	4.10E-16	2.05E-09	4.91E-11	3.62E-11	1.01E-10	3.31E-10	1.96E-09	3.13E-11	7.07E-10	3.59E-08	3.33E-09	4.28E-08
1561	NG_257	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.907	2.01E-07	3.67E-07	Not Modelled	6.94E-09	1.84E-10	7.83E-06	1.99E-08	3.98E-09	3.98E-16	1.99E-09	4.76E-11	3.51E-11	9.77E-11	3.22E-10	1.90E-09	3.04E-11	6.86E-10	3.49E-08	3.23E-09	4.16E-08
1562	NG_258	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6366.907	1.96E-07	3.57E-07	Not Modelled	6.68E-09	1.80E-10	7.64E-06	1.94E-08	3.88E-09	3.88E-16	1.94E-09	4.65E-11	3.42E-11	9.52E-11	3.14E-10	1.85E-09	2.96E-11	6.69E-10	3.40E-08	3.15E-09	4.05E-08
1563	NG_259	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6366.907	1.91E-07	3.47E-07	Not Modelled	6.41E-09	1.75E-10	7.39E-06	1.89E-08	3.78E-09	3.78E-16	1.89E-09	4.52E-11	3.33E-11	9.27E-11	3.05E-10	1.81E-09	2.89E-11	6.52E-10	3.31E-08	3.07E-09	3.95E-08
1564	NG_260	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.907	1.85E-07	3.36E-07	Not Modelled	6.13E-09	1.70E-10	7.06E-06	1.83E-08	3.66E-09	3.66E-16	1.83E-09	4.38E-11	3.23E-11	8.99E-11	2.96E-10	1.75E-09	2.80E-11	6.32E-10	3.21E-08	2.97E-09	3.82E-08
1565	NG_261	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.907	1.81E-07	3.28E-07	Not Modelled	5.90E-09	1.65E-10	6.81E-06	1.79E-08	3.57E-09	3.57E-16	1.79E-09	4.27E-11	3.15E-11	8.76E-11	2.89E-10	1.71E-09	2.73E-11	6.16E-10	3.13E-08	2.90E-09	3.73E-08

AQIA DATA - SCENARIO 2 GRID MAX

Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2 (20)	NO2 (21)	CO (22)	PM10 (23)	Lead (24)	TSP (25)	HF (26)	Cyanide (27)	Dioxins & Furans (28)	PAH (29)	Antimony (30)	Arsenic (31)	Cadmium (32)	Chromium (33)	Manganese (34)	Mercury (35)	Nickel (36)	Acetone (37)	Benzene (38)	Toluene (39)
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**3.08E-06**	**5.69E-06**	**0.00E+00**	**3.69E-07**	**2.85E-09**	**1.88E-04**	**3.08E-07**	**6.16E-08**	**6.16E-15**	**3.08E-08**	**7.37E-10**	**5.43E-10**	**1.51E-09**	**4.98E-09**	**2.94E-08**	**4.71E-10**	**1.06E-08**	**5.40E-07**	**5.00E-08**	**6.43E-07**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1566	NG_262	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.907	1.78E-07	3.23E-07	Not Modelled	5.72E-09	1.63E-10	6.67E-06	1.76E-08	3.52E-09	3.52E-16	1.76E-09	4.22E-11	3.11E-11	8.64E-11	2.85E-10	1.68E-09	2.69E-11	6.07E-10	3.09E-08	2.86E-09	3.68E-08
1567	NG_263	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.907	1.77E-07	3.22E-07	Not Modelled	5.57E-09	1.62E-10	6.56E-06	1.75E-08	3.51E-09	3.51E-16	1.75E-09	4.19E-11	3.09E-11	8.60E-11	2.83E-10	1.67E-09	2.68E-11	6.04E-10	3.07E-08	2.84E-09	3.66E-08
1568	NG_264	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.907	1.79E-07	3.26E-07	Not Modelled	5.51E-09	1.64E-10	6.53E-06	1.77E-08	3.54E-09	3.54E-16	1.77E-09	4.24E-11	3.12E-11	8.69E-11	2.86E-10	1.69E-09	2.71E-11	6.11E-10	3.10E-08	2.88E-09	3.70E-08
1569	NG_265	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.907	1.87E-07	3.40E-07	Not Modelled	5.61E-09	1.71E-10	6.68E-06	1.85E-08	3.69E-09	3.69E-16	1.85E-09	4.42E-11	3.25E-11	9.06E-11	2.98E-10	1.76E-09	2.82E-11	6.37E-10	3.23E-08	3.00E-09	3.85E-08
1570	NG_266	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.907	2.02E-07	3.70E-07	Not Modelled	5.97E-09	1.86E-10	7.18E-06	2.01E-08	4.01E-09	4.01E-16	2.01E-09	4.80E-11	3.53E-11	9.83E-11	3.24E-10	1.91E-09	3.06E-11	6.91E-10	3.51E-08	3.25E-09	4.19E-08
1571	NG_267	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.907	2.26E-07	4.16E-07	Not Modelled	6.58E-09	2.07E-10	8.00E-06	2.24E-08	4.48E-09	4.48E-16	2.24E-09	5.36E-11	3.95E-11	1.10E-10	3.62E-10	2.14E-09	3.42E-11	7.73E-10	3.93E-08	3.64E-09	4.68E-08
1572	NG_268	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.907	2.54E-07	4.71E-07	Not Modelled	7.33E-09	2.34E-10	8.99E-06	2.53E-08	5.05E-09	5.05E-16	2.53E-09	6.05E-11	4.45E-11	1.24E-10	4.08E-10	2.41E-09	3.86E-11	8.71E-10	4.42E-08	4.10E-09	5.27E-08
1573	NG_269	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.907	2.80E-07	5.20E-07	Not Modelled	7.99E-09	2.57E-10	9.71E-06	2.78E-08	5.56E-09	5.56E-16	2.78E-09	6.65E-11	4.90E-11	1.36E-10	4.49E-10	2.65E-09	4.24E-11	9.58E-10	4.87E-08	4.51E-09	5.80E-08
1574	NG_270	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.907	3.02E-07	5.63E-07	Not Modelled	8.65E-09	2.78E-10	1.03E-05	3.01E-08	6.01E-09	6.01E-16	3.01E-09	7.20E-11	5.30E-11	1.48E-10	4.86E-10	2.87E-09	4.59E-11	1.04E-09	5.27E-08	4.88E-09	6.28E-08
1575	NG_271	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.907	3.29E-07	6.14E-07	Not Modelled	9.58E-09	3.03E-10	1.09E-05	3.27E-08	6.55E-09	6.55E-16	3.27E-09	7.83E-11	5.77E-11	1.61E-10	5.29E-10	3.13E-09	5.00E-11	1.13E-09	5.73E-08	5.31E-09	6.83E-08
1576	NG_272	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.907	3.66E-07	6.86E-07	Not Modelled	1.11E-08	3.37E-10	1.20E-05	3.64E-08	7.29E-09	7.29E-16	3.64E-09	8.72E-11	6.42E-11	1.79E-10	5.88E-10	3.48E-09	5.56E-11	1.26E-09	6.38E-08	5.91E-09	7.60E-08
1577	NG_273	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.907	4.05E-07	7.64E-07	Not Modelled	1.31E-08	3.74E-10	1.31E-05	4.04E-08	8.08E-09	8.08E-16	4.04E-09	9.67E-11	7.12E-11	1.98E-10	6.53E-10	3.86E-09	6.17E-11	1.39E-09	7.07E-08	6.56E-09	8.43E-08
1578	NG_274	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.907	4.47E-07	8.45E-07	Not Modelled	1.59E-08	4.12E-10	1.41E-05	4.45E-08	8.91E-09	8.91E-16	4.45E-09	1.07E-10	7.85E-11	2.18E-10	7.19E-10	4.25E-09	6.80E-11	1.54E-09	7.80E-08	7.22E-09	9.30E-08
1579	NG_275	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.907	4.91E-07	9.33E-07	Not Modelled	1.94E-08	4.53E-10	1.53E-05	4.89E-08	9.79E-09	9.79E-16	4.90E-09	1.17E-10	8.63E-11	2.40E-10	7.90E-10	4.67E-09	7.47E-11	1.69E-09	8.57E-08	7.94E-09	1.02E-07
1580	NG_276	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.907	5.35E-07	1.02E-06	Not Modelled	2.38E-08	4.94E-10	1.66E-05	5.34E-08	1.07E-08	1.07E-15	5.34E-09	1.28E-10	9.41E-11	2.62E-10	8.62E-10	5.10E-09	8.15E-11	1.84E-09	9.35E-08	8.66E-09	1.11E-07
1581	NG_277	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.907	5.81E-07	1.12E-06	Not Modelled	2.93E-08	5.37E-10	1.81E-05	5.80E-08	1.16E-08	1.16E-15	5.80E-09	1.39E-10	1.02E-10	2.85E-10	9.37E-10	5.54E-09	8.86E-11	2.00E-09	1.02E-07	9.41E-09	1.21E-07
1582	NG_278	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.907	6.21E-07	1.20E-06	Not Modelled	3.53E-08	5.74E-10	1.97E-05	6.20E-08	1.24E-08	1.24E-15	6.20E-09	1.48E-10	1.09E-10	3.04E-10	1.00E-09	5.92E-09	9.47E-11	2.14E-09	1.09E-07	1.01E-08	1.29E-07
1583	NG_279	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.907	6.46E-07	1.25E-06	Not Modelled	4.10E-08	5.96E-10	2.08E-05	6.44E-08	1.29E-08	1.29E-15	6.45E-09	1.54E-10	1.14E-10	3.16E-10	1.04E-09	6.15E-09	9.84E-11	2.22E-09	1.13E-07	1.05E-08	1.34E-07
1584	NG_280	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.907	6.51E-07	1.26E-06	Not Modelled	4.57E-08	6.02E-10	2.12E-05	6.50E-08	1.30E-08	1.30E-15	6.50E-09	1.56E-10	1.15E-10	3.19E-10	1.05E-09	6.21E-09	9.93E-11	2.24E-09	1.14E-07	1.05E-08	1.36E-07
1589	NG_285	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.907	6.07E-07	1.18E-06	Not Modelled	5.61E-08	5.61E-10	2.09E-05	6.06E-08	1.21E-08	1.21E-15	6.06E-09	1.45E-10	1.07E-10	2.97E-10	9.79E-10	5.79E-09	9.26E-11	2.09E-09	1.06E-07	9.83E-09	1.27E-07
1590	NG_286	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.907	5.72E-07	1.11E-06	Not Modelled	5.53E-08	5.28E-10	1.96E-05	5.71E-08	1.14E-08	1.14E-15	5.71E-09	1.37E-10	1.01E-10	2.80E-10	9.21E-10	5.45E-09	8.71E-11	1.97E-09	9.99E-08	9.26E-09	1.19E-07
1591	NG_287	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.907	5.37E-07	1.04E-06	Not Modelled	5.41E-08	4.96E-10	1.84E-05	5.36E-08	1.07E-08	1.07E-15	5.36E-09	1.28E-10	9.45E-11	2.63E-10	8.66E-10	5.12E-09	8.19E-11	1.85E-09	9.39E-08	8.70E-09	1.12E-07
1592	NG_288	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.957	2.18E-07	3.99E-07	Not Modelled	7.91E-09	1.98E-10	7.46E-06	2.14E-08	4.28E-09	4.28E-16	2.14E-09	5.12E-11	3.77E-11	1.05E-10	3.45E-10	2.04E-09	3.27E-11	7.37E-10	3.75E-08	3.47E-09	4.46E-08
1593	NG_289	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.957	2.27E-07	4.17E-07	Not Modelled	8.35E-09	2.07E-10	7.92E-06	2.23E-08	4.47E-09	4.47E-16	2.24E-09	5.34E-11	3.94E-11	1.10E-10	3.61E-10	2.13E-09	3.41E-11	7.70E-10	3.91E-08	3.63E-09	4.66E-08
1594	NG_290	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6366.957	2.35E-07	4.34E-07	Not Modelled	8.76E-09	2.15E-10	8.38E-06	2.32E-08	4.64E-09	4.64E-16	2.32E-09	5.55E-11	4.09E-11	1.14E-10	3.75E-10	2.22E-09	3.54E-11	8.00E-10	4.06E-08	3.77E-09	4.84E-08
1595	NG_291	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6366.957	2.41E-07	4.46E-07	Not Modelled	9.09E-09	2.21E-10	8.77E-06	2.39E-08	4.77E-09	4.77E-16	2.39E-09	5.71E-11	4.21E-11	1.17E-10	3.85E-10	2.28E-09	3.64E-11	8.22E-10	4.18E-08	3.87E-09	4.98E-08
1596	NG_292	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.957	2.46E-07	4.55E-07	Not Modelled	9.33E-09	2.25E-10	9.10E-06	2.43E-08	4.86E-09	4.86E-16	2.43E-09	5.81E-11	4.28E-11	1.19E-10	3.92E-10	2.32E-09	3.71E-11	8.37E-10	4.25E-08	3.94E-09	5.07E-08
1597	NG_293	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.957	2.48E-07	4.60E-07	Not Modelled	9.49E-09	2.28E-10	9.39E-06	2.46E-08	4.92E-09	4.92E-16	2.46E-09	5.88E-11	4.33E-11	1.21E-10	3.97E-10	2.35E-09	3.75E-11	8.47E-10	4.30E-08	3.99E-09	5.13E-08
1598	NG_294	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.957	2.50E-07	4.62E-07	Not Modelled	9.55E-09	2.29E-10	9.63E-06	2.47E-08	4.95E-09	4.95E-16	2.48E-09	5.92E-11	4.36E-11	1.21E-10	4.00E-10	2.36E-09	3.78E-11	8.53E-10	4.33E-08	4.01E-09	5.16E-08
1599	NG_295	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.957	2.50E-07	4.62E-07	Not Modelled	9.50E-09	2.29E-10	9.83E-06	2.48E-08	4.95E-09	4.95E-16	2.48E-09	5.92E-11	4.36E-11	1.21E-10	4.00E-10	2.36E-09	3.78E-11	8.53E-10	4.33E-08	4.02E-09	5.17E-08
1600	NG_296	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.957	2.46E-07	4.54E-07	Not Modelled	9.26E-09	2.26E-10	9.80E-06	2.44E-08	4.87E-09	4.87E-16	2.44E-09	5.83E-11	4.30E-11	1.20E-10	3.94E-10	2.33E-09	3.72E-11	8.40E-10	4.27E-08	3.95E-09	5.09E-08
1601	NG_297	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.957	2.39E-07	4.40E-07	Not Modelled	8.88E-09	2.19E-10	9.55E-06	2.37E-08	4.74E-09	4.74E-16	2.37E-09	5.66E-11	4.17E-11	1.16E-10	3.82E-10	2.26E-09	3.61E-11	8.16E-10	4.15E-08	3.84E-09	4.94E-08
1602	NG_298	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6366.957	2.32E-07	4.26E-07	Not Modelled	8.49E-09	2.13E-10	9.29E-06	2.30E-08	4.60E-09	4.60E-16	2.30E-09	5.50E-11	4.05E-11	1.13E-10	3.71E-10	2.20E-09	3.51E-11	7.92E-10	4.03E-08	3.73E-09	4.80E-08
1603	NG_299	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6366.957	2.25E-07	4.13E-07	Not Modelled	8.13E-09	2.07E-10	9.01E-06	2.23E-08	4.47E-09	4.47E-16	2.24E-09	5.34E-11	3.94E-11	1.10E-10	3.61E-10	2.13E-09	3.41E-11	7.70E-10	3.91E-08	3.62E-09	4.66E-08
1604	NG_300	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6366.957	2.19E-07	4.00E-07	Not Modelled	7.80E-09	2.01E-10	8.70E-06	2.17E-08	4.34E-09	4.34E-16	2.17E-09	5.19E-11	3.82E-11	1.06E-10	3.50E-10	2.07E-09	3.31E-11	7.48E-10	3.80E-08	3.52E-09	4.53E-08
1605	NG_301	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.957	2.12E-07	3.88E-07	Not Modelled	7.47E-09	1.95E-10	8.33E-06	2.10E-08	4.21E-09	4.21E-16	2.11E-09	5.03E-11	3.71E-11	1.03E-10	3.40E-10	2.01E-09	3.21E-11	7.25E-10	3.68E-08	3.41E-09	4.39E-08
1606	NG_302	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.957	2.06E-07	3.76E-07	Not Modelled	7.16E-09	1.89E-10	7.99E-06	2.05E-08	4.09E-09	4.09E-16	2.05E-09	4.89E-11	3.61E-11	1.00E-10	3.30E-10	1.95E-09	3.12E-11	7.05E-10	3.58E-08	3.32E-09	4.27E-08
1607	NG_303	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.957	2.01E-07	3.68E-07	Not Modelled	6.88E-09	1.85E-10	7.70E-06	2.00E-08	4.00E-09	4.00E-16	2.00E-09	4.78E-11	3.53E-11	9.81E-11	3.23E-10	1.91E-09	3.05E-11	6.89E-10	3.50E-08	3.24E-09	4.17E-08
1608	NG_304	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.957	1.99E-07	3.63E-07	Not Modelled	6.62E-09	1.82E-10	7.46E-06	1.97E-08	3.94E-09	3.94E-16	1.97E-09	4.72E-11	3.48E-11	9.67E-11	3.18E-10	1.88E-09	3.01E-11	6.80E-10	3.45E-08	3.20E-09	4.11E-08
1609	NG_305	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.957	1.99E-07	3.64E-07	Not Modelled	6.45E-09	1.83E-10	7.35E-06	1.98E-08	3.96E-09	3.96E-16	1.98E-09	4.74E-11	3.49E-11	9.71E-11	3.20E-10	1.89E-09	3.02E-11	6.83E-10	3.47E-08	3.21E-09	4.13E-08
1610	NG_306	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.957	2.08E-07	3.80E-07	Not Modelled	6.53E-09	1.91E-10	7.54E-06	2.07E-08	4.13E-09	4.13E-16	2.07E-09	4.94E-11	3.64E-11	1.01E-10	3.34E-10	1.97E-09	3.15E-11	7.12E-10	3.62E-08	3.35E-09	4.31E-08
1611	NG_307	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.957	2.27E-07	4.17E-07	Not Modelled	6.94E-09	2.08E-10	8.15E-06	2.25E-08	4.51E-09	4.51E-16	2.25E-09	5.39E-11	3.97E-11	1.11E-10	3.64E-10	2.15E-09	3.44E-11	7.77E-10	3.94E-08	3.66E-09	4.70E-08
1612	NG_308	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.957	2.54E-07	4.70E-07	Not Modelled	7.63E-09	2.34E-10	9.09E-06	2.53E-08	5.06E-09	5.06E-16	2.53E-09	6.05E-11	4.46E-11	1.24E-10	4.08E-10	2.42E-09	3.86E-11	8.72E-10	4.43E-08	4.10E-09	5.28E-08
1613	NG_309	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.957	2.87E-07	5.33E-07	Not Modelled	8.50E-09	2.65E-10	1.02E-05	2.86E-08	5.72E-09	5.72E-16	2.86E-09	6.84E-11	5.04E-11	1.40E-10	4.62E-10	2.73E-09	4.37E-11	9.86E-10	5.01E-08	4.64E-09	5.97E-08
1614	NG_310	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.957	3.20E-07	5.95E-07	Not Modelled	9.41E-09	2.95E-10	1.12E-05	3.18E-08	6.37E-09	6.37E-16	3.18E-09	7.62E-11	5.61E-11	1.56E-10	5.14E-10	3.04E-09	4.86E-11	1.10E-09	5.57E-08	5.16E-09	6.64E-08
1615	NG_311	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.957	3.52E-07	6.58E-07	Not Modelled	1.04E-08	3.25E-10	1.21E-05	3.51E-08	7.03E-09	7.03E-16	3.51E-09	8.41E-11	6.19E-11	1.72E-10	5.67E-10	3.35E-09	5.36E-11	1.21E-09	6.15E-08	5.70E-09	7.33E-08
1616	NG_312	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.957	3.92E-07	7.33E-07	Not Modelled	1.19E-08	3.61E-10	1.32E-05	3.91E-08	7.81E-09	7.81E-16	3.91E-09	9.34E-11	6.88E-11	1.92E-10	6.31E-10	3.73E-09	5.96E-11	1.35E-09	6.84E-08	6.34E-09	8.15E-08
1617	NG_313	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.957	4.39E-07	8.26E-07	Not Modelled	1.40E-08	4.05E-10	1.45E-05	4.38E-08	8.76E-09	8.76E-16	4.38E-09	1.05E-10	7.72E-11	2.15E-10	7.07E-10	4.18E-09	6.69E-11	1.51E-09	7.67E-08	7.10E-09	9.14E-08
1618	NG_314	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.957	4.91E-07	9.27E-07	Not Modelled	1.69E-08	4.53E-10	1.58E-05	4.90E-08	9.79E-09	9.79E-16	4.90E-09	1.17E-10	8.63E-11	2.40E-10	7.91E-10	4.67E-09	7.48E-11	1.69E-09	8.57E-08	7.94E-09	1.02E-07
1619	NG_315	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.957	5.43E-07	1.03E-06	Not Modelled	2.07E-08	5.02E-10	1.72E-05	5.42E-08	1.08E-08	1.08E-15	5.43E-09	1.30E-10	9.56E-11	2.66E-10	8.76E-10	5.18E-09	8.28E-11	1.87E-09	9.50E-08	8.80E-09	1.13E-07
1632	NG_328	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.957	5.63E-07	1.10E-06	Not Modelled	5.95E-08	5.20E-10	1.99E-05	5.62E-08	1.12E-08	1.12E-15	5.63E-09	1.35E-10	9.91E-11	2.76E-10	9.08E-10	5.37E-09	8.59E-11	1.94E-09	9.85E-08	9.12E-09	1.17E-07
1633	NG_329	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.007	2.25E-07	4.14E-07	Not Modelled	8.64E-09	2.05E-10	7.72E-06	2.22E-08	4.44E-09	4.44E-16	2.22E-09	5.31E-11	3.91E-11	1.09E-10	3.58E-10	2.12E-09	3.39E-11	7.65E-10	3.88E-08	3.60E-09	4.63E-08
1634	NG_330	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.007	2.37E-07	4.38E-07	Not Modelled	9.23E-09	2.17E-10	8.27E-06	2.34E-08	4.69E-09	4.69E-16	2.34E-09	5.60E-11	4.13E-11	1.15E-10	3.78E-10	2.24E-09	3.58E-11	8.08E-10	4.10E-08	3.80E-09	4.89E-08
1635	NG_331	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.007	2.49E-07	4.61E-07	Not Modelled	9.81E-09	2.28E-10	8.84E-06	2.46E-08	4.92E-09	4.92E-16	2.46E-09	5.89E-11	4.34E-11	1.21E-10	3.97E-10	2.35E-09	3.76E-11	8.48E-10	4.31E-08	3.99E-09	5.14E-08
1636	NG_332	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.007	2.60E-07	4.84E-07	Not Modelled	1.04E-08	2.39E-10	9.48E-06	2.58E-08	5.16E-09	5.16E-16	2.58E-09	6.17E-11	4.55E-11	1.27E-10	4.17E-10	2.46E-09	3.94E-11	8.90E-10	4.52E-08	4.19E-09	5.39E-08
1637	NG_333	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.007	2.70E-07	5.02E-07	Not Modelled	1.09E-08	2.48E-10	1.00E-05	2.68E-08	5.35E-09	5.35E-16	2.68E-09	6.40E-11	4.72E-11	1.31E-10	4.32E-10	2.55E-09	4.08E-11	9.22E-10	4.68E-08	4.34E-09	5.58E-08
1638	NG_334	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.007	2.78E-07	5.18E-07	Not Modelled	1.13E-08	2.55E-10	1.06E-05	2.76E-08	5.51E-09	5.51E-16	2.76E-09	6.59E-11	4.86E-11	1.35E-10	4.45E-10	2.63E-09	4.21E-11	9.50E-10	4.83E-08	4.47E-09	5.75E-08
1639	NG_335	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.007	2.83E-07	5.28E-07	Not Modelled	1.16E-08	2.60E-10	1.10E-05	2.81E-08	5.62E-09	5.62E-16	2.81E-09	6.72E-11	4.95E-11	1.38E-10	4.54E-10	2.68E-09	4.29E-11	9.69E-10	4.92E-08	4.56E-09	5.87E-08
1640	NG_336	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.007	2.87E-07	5.35E-07	Not Modelled	1.17E-08	2.64E-10	1.15E-05	2.85E-08	5.70E-09	5.70E-16	2.85E-09	6.82E-11	5.03E-11	1.40E-10	4.61E-10	2.72E-09	4.35E-11	9.83E-10	4.99E-08	4.63E-09	5.95E-08
1641	NG_337	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.007	2.85E-07	5.31E-07	Not Modelled	1.15E-08	2.62E-10	1.16E-05	2.83E-08	5.67E-09	5.67E-16	2.83E-09	6.78E-11	4.99E-11	1.39E-10	4.57E-10	2.70E-09	4.32E-11	9.76E-10	4.96E-08	4.60E-09	5.91E-08
1642	NG_338	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.007	2.80E-07	5.21E-07	Not Modelled	1.12E-08	2.58E-10	1.16E-05	2.79E-08	5.57E-09	5.57E-16	2.79E-09	6.66E-11	4.91E-11	1.37E-10	4.50E-10	2.66E-09	4.25E-11	9.60E-10	4.88E-08	4.52E-09	5.81E-08
1643	NG_339	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.007	2.71E-07	5.03E-07	Not Modelled	1.07E-08	2.50E-10	1.12E-05	2.70E-08	5.40E-09	5.40E-16	2.70E-09	6.45E-11	4.76E-11	1.32E-10	4.36E-10	2.58E-09	4.12E-11	9.30E-10	4.72E-08	4.38E-09	5.63E-08
1644	NG_340	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.007	2.63E-07	4.86E-07	Not Modelled	1.02E-08	2.42E-10	1.09E-05	2.62E-08	5.23E-09	5.23E-16	2.62E-09	6.26E-11	4.61E-11	1.28E-10	4.23E-10	2.50E-09	4.00E-11	9.02E-10	4.58E-08	4.25E-09	5.46E-08
1645	NG_341	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.007	2.54E-07	4.68E-07	Not Modelled	9.72E-09	2.34E-10	1.04E-05	2.53E-08	5.05E-09	5.05E-16	2.53E-09	6.05E-11	4.46E-11	1.24E-10	4.08E-10	2.41E-09	3.86E-11	8.71E-10	4.43E-08	4.10E-09	5.28E-08
1646	NG_342	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.007	2.46E-07	4.53E-07	Not Modelled	9.34E-09	2.27E-10	1.00E-05	2.45E-08	4.90E-09	4.90E-16	2.45E-09	5.86E-11	4.32E-11	1.20E-10	3.96E-10	2.34E-09	3.74E-11	8.44E-10	4.29E-08	3.97E-09	5.11E-08
1647	NG_343	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.007	2.37E-07	4.36E-07	Not Modelled	8.90E-09	2.18E-10	9.48E-06	2.36E-08	4.72E-09	4.72E-16	2.36E-09	5.65E-11	4.16E-11	1.16E-10	3.81E-10	2.25E-09	3.60E-11	8.13E-10	4.13E-08	3.83E-09	4.93E-08
1648	NG_344	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.007	2.29E-07	4.21E-07	Not Modelled	8.47E-09	2.11E-10	9.00E-06	2.28E-08	4.56E-09	4.56E-16	2.28E-09	5.46E-11	4.02E-11	1.12E-10	3.69E-10	2.18E-09	3.48E-11	7.87E-10	4.00E-08	3.70E-09	4.76E-08
1649	NG_345	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.007	2.23E-07	4.10E-07	Not Modelled	8.02E-09	2.06E-10	8.57E-06	2.22E-08	4.45E-09	4.45E-16	2.22E-09	5.32E-11	3.92E-11	1.09E-10	3.59E-10	2.12E-09	3.40E-11	7.67E-10	3.89E-08	3.61E-09	4.64E-08
1650	NG_346	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.007	2.24E-07	4.11E-07	Not Modelled	7.76E-09	2.07E-10	8.42E-06	2.23E-08	4.46E-09	4.46E-16	2.23E-09	5.34E-11	3.94E-11	1.09E-10	3.60E-10	2.13E-09	3.41E-11	7.70E-10	3.91E-08	3.62E-09	4.66E-08
1651	NG_347	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.007	2.34E-07	4.30E-07	Not Modelled	7.78E-09	2.16E-10	8.64E-06	2.33E-08	4.66E-09	4.66E-16	2.33E-09	5.58E-11	4.11E-11	1.14E-10	3.77E-10	2.23E-09	3.56E-11	8.04E-10	4.08E-08	3.78E-09	4.87E-08
1652	NG_348	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.007	2.56E-07	4.72E-07	Not Modelled	8.21E-09	2.36E-10	9.34E-06	2.55E-08	5.11E-09	5.11E-16	2.55E-09	6.11E-11	4.50E-11	1.25E-10	4.12E-10	2.44E-09	3.90E-11	8.80E-10	4.47E-08	4.14E-09	5.33E-08
1653	NG_349	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.007	2.90E-07	5.37E-07	Not Modelled	9.02E-09	2.67E-10	1.05E-05	2.89E-08	5.78E-09	5.78E-16	2.89E-09	6.91E-11	5.09E-11	1.42E-10	4.66E-10	2.76E-09	4.41E-11	9.96E-10	5.06E-08	4.69E-09	6.03E-08
1654	NG_350	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.007	3.29E-07	6.12E-07	Not Modelled	1.01E-08	3.04E-10	1.18E-05	3.28E-08	6.56E-09	6.56E-16	3.28E-09	7.85E-11	5.78E-11	1.61E-10	5.30E-10	3.13E-09	5.01E-11	1.13E-09	5.75E-08	5.32E-09	6.85E-08
1655	NG_351	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.007	3.71E-07	6.93E-07	Not Modelled	1.13E-08	3.42E-10	1.31E-05	3.70E-08	7.40E-09	7.40E-16	3.70E-09	8.86E-11	6.52E-11	1.82E-10	5.98E-10	3.53E-09	5.65E-11	1.28E-09	6.48E-08	6.00E-09	7.73E-08
1656	NG_352	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.007	4.16E-07	7.78E-07	Not Modelled	1.30E-08	3.84E-10	1.44E-05	4.15E-08	8.30E-09	8.30E-16	4.15E-09	9.93E-11	7.32E-11	2.04E-10	6.70E-10	3.96E-09	6.34E-11	1.43E-09	7.27E-08	6.73E-09	8.66E-08
1657	NG_353	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.007	4.70E-07	8.83E-07	Not Modelled	1.52E-08	4.34E-10	1.59E-05	4.69E-08	9.39E-09	9.39E-16	4.70E-09	1.12E-10	8.28E-11	2.30E-10	7.58E-10	4.48E-09	7.17E-11	1.62E-09	8.22E-08	7.62E-09	9.80E-08
1658	NG_354	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.007	5.33E-07	1.01E-06	Not Modelled	1.84E-08	4.93E-10	1.76E-05	5.33E-08	1.06E-08	1.06E-15	5.33E-09	1.27E-10	9.39E-11	2.61E-10	8.60E-10	5.08E-09	8.13E-11	1.84E-09	9.32E-08	8.64E-09	1.11E-07
1674	NG_370	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.057	2.29E-07	4.23E-07	Not Modelled	9.44E-09	2.10E-10	7.92E-06	2.27E-08	4.54E-09	4.54E-16	2.27E-09	5.42E-11	4.00E-11	1.11E-10	3.66E-10	2.17E-09	3.46E-11	7.82E-10	3.97E-08	3.68E-09	4.73E-08
1675	NG_371	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.057	2.43E-07	4.50E-07	Not Modelled	1.02E-08	2.23E-10	8.52E-06	2.41E-08	4.82E-09	4.82E-16	2.41E-09	5.77E-11	4.25E-11	1.18E-10	3.89E-10	2.30E-09	3.68E-11	8.31E-10	4.22E-08	3.91E-09	5.03E-08
1676	NG_372	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.057	2.58E-07	4.80E-07	Not Modelled	1.10E-08	2.37E-10	9.22E-06	2.56E-08	5.13E-09	5.13E-16	2.57E-09	6.13E-11	4.52E-11	1.26E-10	4.14E-10	2.45E-09	3.92E-11	8.84E-10	4.49E-08	4.16E-09	5.35E-08
1677	NG_373	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.057	2.75E-07	5.13E-07	Not Modelled	1.18E-08	2.53E-10	1.00E-05	2.73E-08	5.46E-09	5.46E-16	2.73E-09	6.53E-11	4.81E-11	1.34E-10	4.41E-10	2.61E-09	4.17E-11	9.41E-10	4.78E-08	4.43E-09	5.70E-08
1678	NG_374	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.057	2.91E-07	5.44E-07	Not Modelled	1.27E-08	2.68E-10	1.09E-05	2.89E-08	5.79E-09	5.79E-16	2.89E-09	6.92E-11	5.10E-11	1.42E-10	4.67E-10	2.76E-09	4.42E-11	9.97E-10	5.07E-08	4.69E-09	6.04E-08
1679	NG_375	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.057	3.04E-07	5.70E-07	Not Modelled	1.34E-08	2.80E-10	1.16E-05	3.03E-08	6.06E-09	6.06E-16	3.03E-09	7.24E-11	5.34E-11	1.49E-10	4.89E-10	2.89E-09	4.62E-11	1.04E-09	5.30E-08	4.91E-09	6.32E-08
1680	NG_376	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.057	3.17E-07	5.94E-07	Not Modelled	1.40E-08	2.92E-10	1.24E-05	3.15E-08	6.30E-09	6.30E-16	3.15E-09	7.54E-11	5.56E-11	1.55E-10	5.09E-10	3.01E-09	4.81E-11	1.09E-09	5.52E-08	5.11E-09	6.58E-08
1681	NG_377	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.057	3.27E-07	6.14E-07	Not Modelled	1.44E-08	3.01E-10	1.32E-05	3.26E-08	6.51E-09	6.51E-16	3.26E-09	7.79E-11	5.74E-11	1.60E-10	5.26E-10	3.11E-09	4.97E-11	1.12E-09	5.70E-08	5.28E-09	6.80E-08

AQIA DATA - SCENARIO 2 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**3.08E-06**	**5.69E-06**	**0.00E+00**	**3.69E-07**	**2.85E-09**	**1.88E-04**	**3.08E-07**	**6.16E-08**	**6.16E-15**	**3.08E-08**	**7.37E-10**	**5.43E-10**	**1.51E-09**	**4.98E-09**	**2.94E-08**	**4.71E-10**	**1.06E-08**	**5.40E-07**	**5.00E-08**	**6.43E-07**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1682	NG_378	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.057	3.33E-07	6.25E-07	Not Modelled	1.46E-08	3.07E-10	1.38E-05	3.32E-08	6.63E-09	6.63E-16	3.32E-09	7.93E-11	5.85E-11	1.63E-10	5.36E-10	3.17E-09	5.06E-11	1.14E-09	5.81E-08	5.38E-09	6.92E-08
1683	NG_379	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.057	3.31E-07	6.20E-07	Not Modelled	1.43E-08	3.05E-10	1.40E-05	3.30E-08	6.60E-09	6.60E-16	3.30E-09	7.89E-11	5.81E-11	1.62E-10	5.33E-10	3.15E-09	5.04E-11	1.14E-09	5.78E-08	5.35E-09	6.88E-08
1684	NG_380	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.057	3.23E-07	6.03E-07	Not Modelled	1.37E-08	2.98E-10	1.37E-05	3.22E-08	6.44E-09	6.44E-16	3.22E-09	7.70E-11	5.67E-11	1.58E-10	5.20E-10	3.07E-09	4.91E-11	1.11E-09	5.63E-08	5.22E-09	6.72E-08
1685	NG_381	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.057	3.12E-07	5.81E-07	Not Modelled	1.30E-08	2.88E-10	1.33E-05	3.11E-08	6.22E-09	6.22E-16	3.11E-09	7.44E-11	5.48E-11	1.52E-10	5.02E-10	2.97E-09	4.75E-11	1.07E-09	5.44E-08	5.04E-09	6.49E-08
1686	NG_382	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.057	3.01E-07	5.58E-07	Not Modelled	1.24E-08	2.77E-10	1.27E-05	3.00E-08	5.99E-09	5.99E-16	3.00E-09	7.17E-11	5.28E-11	1.47E-10	4.84E-10	2.86E-09	4.57E-11	1.03E-09	5.24E-08	4.86E-09	6.25E-08
1687	NG_383	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.057	2.88E-07	5.34E-07	Not Modelled	1.19E-08	2.66E-10	1.21E-05	2.87E-08	5.74E-09	5.74E-16	2.87E-09	6.87E-11	5.06E-11	1.41E-10	4.64E-10	2.74E-09	4.38E-11	9.90E-10	5.03E-08	4.66E-09	5.99E-08
1688	NG_384	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.057	2.75E-07	5.09E-07	Not Modelled	1.14E-08	2.54E-10	1.14E-05	2.75E-08	5.49E-09	5.49E-16	2.75E-09	6.57E-11	4.84E-11	1.35E-10	4.43E-10	2.62E-09	4.19E-11	9.46E-10	4.81E-08	4.45E-09	5.73E-08
1689	NG_385	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.057	2.65E-07	4.89E-07	Not Modelled	1.07E-08	2.44E-10	1.07E-05	2.64E-08	5.28E-09	5.28E-16	2.64E-09	6.31E-11	4.65E-11	1.29E-10	4.26E-10	2.52E-09	4.03E-11	9.10E-10	4.62E-08	4.28E-09	5.51E-08
1690	NG_386	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.057	2.57E-07	4.74E-07	Not Modelled	1.01E-08	2.37E-10	1.02E-05	2.56E-08	5.13E-09	5.13E-16	2.57E-09	6.14E-11	4.52E-11	1.26E-10	4.14E-10	2.45E-09	3.92E-11	8.84E-10	4.49E-08	4.16E-09	5.35E-08
1691	NG_387	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.057	2.56E-07	4.71E-07	Not Modelled	9.56E-09	2.36E-10	9.83E-06	2.55E-08	5.11E-09	5.11E-16	2.55E-09	6.11E-11	4.50E-11	1.25E-10	4.12E-10	2.44E-09	3.90E-11	8.80E-10	4.47E-08	4.14E-09	5.33E-08
1692	NG_388	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.057	2.68E-07	4.92E-07	Not Modelled	9.48E-09	2.47E-10	1.00E-05	2.67E-08	5.33E-09	5.33E-16	2.67E-09	6.38E-11	4.70E-11	1.31E-10	4.31E-10	2.55E-09	4.07E-11	9.20E-10	4.67E-08	4.33E-09	5.57E-08
1693	NG_389	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.057	2.96E-07	5.46E-07	Not Modelled	9.99E-09	2.73E-10	1.10E-05	2.95E-08	5.90E-09	5.90E-16	2.95E-09	7.06E-11	5.20E-11	1.45E-10	4.76E-10	2.82E-09	4.50E-11	1.02E-09	5.16E-08	4.79E-09	6.16E-08
1694	NG_390	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.057	3.39E-07	6.29E-07	Not Modelled	1.11E-08	3.13E-10	1.25E-05	3.38E-08	6.77E-09	6.77E-16	3.39E-09	8.10E-11	5.96E-11	1.66E-10	5.46E-10	3.23E-09	5.17E-11	1.17E-09	5.92E-08	5.49E-09	7.06E-08
1695	NG_391	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.057	3.92E-07	7.30E-07	Not Modelled	1.26E-08	3.62E-10	1.42E-05	3.91E-08	7.81E-09	7.81E-16	3.91E-09	9.35E-11	6.89E-11	1.92E-10	6.31E-10	3.73E-09	5.97E-11	1.35E-09	6.84E-08	6.34E-09	8.16E-08
1696	NG_392	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.057	4.46E-07	8.35E-07	Not Modelled	1.44E-08	4.12E-10	1.59E-05	4.46E-08	8.91E-09	8.91E-16	4.46E-09	1.07E-10	7.86E-11	2.19E-10	7.20E-10	4.26E-09	6.81E-11	1.54E-09	7.80E-08	7.23E-09	9.30E-08
1697	NG_393	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.057	5.07E-07	9.50E-07	Not Modelled	1.71E-08	4.68E-10	1.76E-05	5.06E-08	1.01E-08	1.01E-15	5.06E-09	1.21E-10	8.92E-11	2.48E-10	8.17E-10	4.83E-09	7.72E-11	1.74E-09	8.86E-08	8.21E-09	1.06E-07
1698	NG_394	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.057	5.78E-07	1.09E-06	Not Modelled	2.06E-08	5.34E-10	1.95E-05	5.77E-08	1.15E-08	1.15E-15	5.77E-09	1.38E-10	1.02E-10	2.83E-10	9.32E-10	5.51E-09	8.82E-11	1.99E-09	1.01E-07	9.37E-09	1.20E-07
1699	NG_395	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.057	6.65E-07	1.26E-06	Not Modelled	2.54E-08	6.14E-10	2.18E-05	6.64E-08	1.33E-08	1.33E-15	6.64E-09	1.59E-10	1.17E-10	3.26E-10	1.07E-09	6.34E-09	1.01E-10	2.29E-09	1.16E-07	1.08E-08	1.39E-07
1715	NG_411	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.107	2.31E-07	4.27E-07	Not Modelled	1.03E-08	2.12E-10	8.10E-06	2.29E-08	4.58E-09	4.58E-16	2.29E-09	5.48E-11	4.04E-11	1.12E-10	3.70E-10	2.19E-09	3.50E-11	7.90E-10	4.01E-08	3.72E-09	4.78E-08
1716	NG_412	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.107	2.46E-07	4.56E-07	Not Modelled	1.12E-08	2.26E-10	8.72E-06	2.44E-08	4.89E-09	4.89E-16	2.44E-09	5.84E-11	4.31E-11	1.20E-10	3.95E-10	2.33E-09	3.73E-11	8.42E-10	4.28E-08	3.96E-09	5.10E-08
1717	NG_413	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.107	2.64E-07	4.91E-07	Not Modelled	1.22E-08	2.43E-10	9.53E-06	2.63E-08	5.25E-09	5.25E-16	2.63E-09	6.28E-11	4.63E-11	1.29E-10	4.24E-10	2.51E-09	4.01E-11	9.05E-10	4.60E-08	4.26E-09	5.48E-08
1718	NG_414	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.107	2.85E-07	5.33E-07	Not Modelled	1.34E-08	2.63E-10	1.05E-05	2.84E-08	5.68E-09	5.68E-16	2.84E-09	6.79E-11	5.01E-11	1.39E-10	4.59E-10	2.71E-09	4.33E-11	9.79E-10	4.97E-08	4.61E-09	5.93E-08
1719	NG_415	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.107	3.07E-07	5.75E-07	Not Modelled	1.45E-08	2.83E-10	1.15E-05	3.05E-08	6.11E-09	6.11E-16	3.06E-09	7.30E-11	5.38E-11	1.50E-10	4.93E-10	2.92E-09	4.66E-11	1.05E-09	5.35E-08	4.95E-09	6.37E-08
1720	NG_416	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.107	3.25E-07	6.11E-07	Not Modelled	1.55E-08	3.00E-10	1.24E-05	3.24E-08	6.48E-09	6.48E-16	3.24E-09	7.75E-11	5.71E-11	1.59E-10	5.23E-10	3.09E-09	4.95E-11	1.12E-09	5.67E-08	5.26E-09	6.76E-08
1721	NG_417	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.107	3.45E-07	6.49E-07	Not Modelled	1.66E-08	3.18E-10	1.35E-05	3.44E-08	6.88E-09	6.88E-16	3.44E-09	8.23E-11	6.06E-11	1.69E-10	5.55E-10	3.28E-09	5.25E-11	1.19E-09	6.02E-08	5.58E-09	7.18E-08
1722	NG_418	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.107	3.67E-07	6.92E-07	Not Modelled	1.77E-08	3.39E-10	1.48E-05	3.66E-08	7.32E-09	7.32E-16	3.66E-09	8.75E-11	6.45E-11	1.79E-10	5.91E-10	3.49E-09	5.59E-11	1.26E-09	6.41E-08	5.94E-09	7.64E-08
1723	NG_419	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.107	3.84E-07	7.23E-07	Not Modelled	1.83E-08	3.54E-10	1.60E-05	3.83E-08	7.65E-09	7.65E-16	3.83E-09	9.15E-11	6.75E-11	1.88E-10	6.18E-10	3.65E-09	5.84E-11	1.32E-09	6.70E-08	6.21E-09	7.99E-08
1724	NG_420	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.107	3.89E-07	7.32E-07	Not Modelled	1.83E-08	3.59E-10	1.65E-05	3.88E-08	7.76E-09	7.76E-16	3.88E-09	9.28E-11	6.84E-11	1.90E-10	6.26E-10	3.70E-09	5.92E-11	1.34E-09	6.79E-08	6.29E-09	8.09E-08
1725	NG_421	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.107	3.84E-07	7.21E-07	Not Modelled	1.77E-08	3.54E-10	1.65E-05	3.83E-08	7.65E-09	7.65E-16	3.83E-09	9.16E-11	6.75E-11	1.88E-10	6.18E-10	3.65E-09	5.84E-11	1.32E-09	6.70E-08	6.21E-09	7.99E-08
1726	NG_422	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.107	3.74E-07	7.01E-07	Not Modelled	1.69E-08	3.45E-10	1.62E-05	3.73E-08	7.46E-09	7.46E-16	3.73E-09	8.92E-11	6.57E-11	1.83E-10	6.02E-10	3.56E-09	5.69E-11	1.29E-09	6.53E-08	6.05E-09	7.78E-08
1727	NG_423	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.107	3.60E-07	6.72E-07	Not Modelled	1.63E-08	3.32E-10	1.57E-05	3.59E-08	7.18E-09	7.18E-16	3.59E-09	8.59E-11	6.33E-11	1.76E-10	5.80E-10	3.43E-09	5.48E-11	1.24E-09	6.28E-08	5.82E-09	7.49E-08
1728	NG_424	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.107	3.43E-07	6.40E-07	Not Modelled	1.56E-08	3.17E-10	1.49E-05	3.42E-08	6.85E-09	6.85E-16	3.43E-09	8.19E-11	6.04E-11	1.68E-10	5.53E-10	3.27E-09	5.23E-11	1.18E-09	6.00E-08	5.56E-09	7.15E-08
1729	NG_425	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.107	3.26E-07	6.05E-07	Not Modelled	1.48E-08	3.01E-10	1.39E-05	3.25E-08	6.50E-09	6.50E-16	3.25E-09	7.77E-11	5.73E-11	1.59E-10	5.25E-10	3.10E-09	4.96E-11	1.12E-09	5.69E-08	5.27E-09	6.78E-08
1730	NG_426	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.107	3.12E-07	5.78E-07	Not Modelled	1.39E-08	2.88E-10	1.31E-05	3.11E-08	6.22E-09	6.22E-16	3.11E-09	7.44E-11	5.48E-11	1.53E-10	5.02E-10	2.97E-09	4.75E-11	1.07E-09	5.45E-08	5.05E-09	6.49E-08
1732	NG_428	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.107	2.96E-07	5.46E-07	Not Modelled	1.20E-08	2.73E-10	1.17E-05	2.95E-08	5.91E-09	5.91E-16	2.96E-09	7.07E-11	5.21E-11	1.45E-10	4.77E-10	2.82E-09	4.51E-11	1.02E-09	5.17E-08	4.79E-09	6.16E-08
1733	NG_429	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.107	3.07E-07	5.66E-07	Not Modelled	1.17E-08	2.83E-10	1.18E-05	3.06E-08	6.13E-09	6.13E-16	3.06E-09	7.33E-11	5.40E-11	1.50E-10	4.95E-10	2.93E-09	4.68E-11	1.06E-09	5.36E-08	4.97E-09	6.39E-08
1734	NG_430	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.107	3.42E-07	6.33E-07	Not Modelled	1.23E-08	3.16E-10	1.29E-05	3.42E-08	6.83E-09	6.83E-16	3.42E-09	8.18E-11	6.02E-11	1.68E-10	5.52E-10	3.26E-09	5.22E-11	1.18E-09	5.98E-08	5.54E-09	7.13E-08
1735	NG_431	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.107	4.01E-07	7.46E-07	Not Modelled	1.38E-08	3.70E-10	1.50E-05	4.00E-08	8.00E-09	8.00E-16	4.00E-09	9.58E-11	7.06E-11	1.96E-10	6.46E-10	3.82E-09	6.11E-11	1.38E-09	7.01E-08	6.49E-09	8.35E-08
1736	NG_432	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.107	4.75E-07	8.87E-07	Not Modelled	1.62E-08	4.39E-10	1.76E-05	4.74E-08	9.48E-09	9.48E-16	4.74E-09	1.13E-10	8.36E-11	2.33E-10	7.66E-10	4.53E-09	7.24E-11	1.63E-09	8.30E-08	7.69E-09	9.90E-08
1737	NG_433	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.107	5.54E-07	1.04E-06	Not Modelled	1.98E-08	5.12E-10	2.01E-05	5.53E-08	1.11E-08	1.11E-15	5.54E-09	1.32E-10	9.76E-11	2.71E-10	8.94E-10	5.28E-09	8.45E-11	1.91E-09	9.69E-08	8.98E-09	1.16E-07
1738	NG_434	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.107	6.36E-07	1.20E-06	Not Modelled	2.44E-08	5.88E-10	2.23E-05	6.35E-08	1.27E-08	1.27E-15	6.36E-09	1.52E-10	1.12E-10	3.12E-10	1.03E-09	6.07E-09	9.70E-11	2.19E-09	1.11E-07	1.03E-08	1.33E-07
1739	NG_435	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.107	7.37E-07	1.39E-06	Not Modelled	3.05E-08	6.82E-10	2.50E-05	7.37E-08	1.47E-08	1.47E-15	7.37E-09	1.76E-10	1.30E-10	3.61E-10	1.19E-09	7.04E-09	1.13E-10	2.54E-09	1.29E-07	1.20E-08	1.54E-07
1740	NG_436	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.107	8.53E-07	1.62E-06	Not Modelled	3.75E-08	7.88E-10	2.81E-05	8.52E-08	1.70E-08	1.70E-15	8.52E-09	2.04E-10	1.50E-10	4.18E-10	1.38E-09	8.14E-09	1.30E-10	2.94E-09	1.49E-07	1.38E-08	1.78E-07
1756	NG_452	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.157	2.32E-07	4.27E-07	Not Modelled	1.13E-08	2.13E-10	8.31E-06	2.30E-08	4.60E-09	4.60E-16	2.30E-09	5.50E-11	4.05E-11	1.13E-10	3.71E-10	2.19E-09	3.51E-11	7.92E-10	4.03E-08	3.73E-09	4.80E-08
1757	NG_453	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.157	2.48E-07	4.60E-07	Not Modelled	1.24E-08	2.28E-10	9.01E-06	2.47E-08	4.93E-09	4.93E-16	2.47E-09	5.90E-11	4.35E-11	1.21E-10	3.98E-10	2.35E-09	3.77E-11	8.50E-10	4.32E-08	4.00E-09	5.15E-08
1758	NG_454	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.157	2.68E-07	4.98E-07	Not Modelled	1.37E-08	2.47E-10	9.88E-06	2.67E-08	5.33E-09	5.33E-16	2.67E-09	6.38E-11	4.70E-11	1.31E-10	4.31E-10	2.55E-09	4.07E-11	9.19E-10	4.67E-08	4.33E-09	5.56E-08
1759	NG_455	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.157	2.91E-07	5.43E-07	Not Modelled	1.50E-08	2.68E-10	1.09E-05	2.90E-08	5.79E-09	5.79E-16	2.90E-09	6.93E-11	5.10E-11	1.42E-10	4.68E-10	2.76E-09	4.42E-11	9.98E-10	5.07E-08	4.70E-09	6.04E-08
1760	NG_456	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.157	3.16E-07	5.93E-07	Not Modelled	1.65E-08	2.92E-10	1.20E-05	3.15E-08	6.30E-09	6.30E-16	3.15E-09	7.54E-11	5.56E-11	1.55E-10	5.09E-10	3.01E-09	4.81E-11	1.09E-09	5.52E-08	5.12E-09	6.58E-08
1761	NG_457	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.157	3.42E-07	6.42E-07	Not Modelled	1.79E-08	3.15E-10	1.32E-05	3.41E-08	6.81E-09	6.81E-16	3.41E-09	8.15E-11	6.00E-11	1.67E-10	5.50E-10	3.25E-09	5.20E-11	1.17E-09	5.96E-08	5.53E-09	7.11E-08
1762	NG_458	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.157	3.69E-07	6.95E-07	Not Modelled	1.95E-08	3.41E-10	1.45E-05	3.68E-08	7.36E-09	7.36E-16	3.68E-09	8.81E-11	6.49E-11	1.81E-10	5.95E-10	3.52E-09	5.62E-11	1.27E-09	6.45E-08	5.97E-09	7.68E-08
1763	NG_459	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.157	4.01E-07	7.56E-07	Not Modelled	2.11E-08	3.70E-10	1.62E-05	4.00E-08	8.00E-09	8.00E-16	4.00E-09	9.57E-11	7.05E-11	1.96E-10	6.46E-10	3.82E-09	6.10E-11	1.38E-09	7.00E-08	6.49E-09	8.35E-08
1764	NG_460	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.157	4.30E-07	8.12E-07	Not Modelled	2.24E-08	3.97E-10	1.78E-05	4.29E-08	8.58E-09	8.58E-16	4.29E-09	1.03E-10	7.56E-11	2.10E-10	6.93E-10	4.10E-09	6.55E-11	1.48E-09	7.51E-08	6.96E-09	8.95E-08
1765	NG_461	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.157	4.49E-07	8.48E-07	Not Modelled	2.29E-08	4.15E-10	1.90E-05	4.48E-08	8.96E-09	8.96E-16	4.48E-09	1.07E-10	7.90E-11	2.20E-10	7.23E-10	4.28E-09	6.84E-11	1.54E-09	7.84E-08	7.27E-09	9.35E-08
1766	NG_462	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.157	4.54E-07	8.58E-07	Not Modelled	2.27E-08	4.20E-10	1.95E-05	4.54E-08	9.07E-09	9.07E-16	4.54E-09	1.09E-10	8.00E-11	2.22E-10	7.33E-10	4.33E-09	6.93E-11	1.56E-09	7.94E-08	7.36E-09	9.47E-08
1767	NG_463	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.157	4.50E-07	8.49E-07	Not Modelled	2.23E-08	4.16E-10	1.97E-05	4.50E-08	8.99E-09	8.99E-16	4.50E-09	1.08E-10	7.92E-11	2.20E-10	7.26E-10	4.29E-09	6.86E-11	1.55E-09	7.87E-08	7.29E-09	9.38E-08
1768	NG_464	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.157	4.39E-07	8.25E-07	Not Modelled	2.17E-08	4.06E-10	1.94E-05	4.38E-08	8.76E-09	8.76E-16	4.38E-09	1.05E-10	7.72E-11	2.15E-10	7.08E-10	4.18E-09	6.69E-11	1.51E-09	7.67E-08	7.11E-09	9.15E-08
1769	NG_465	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.157	4.19E-07	7.86E-07	Not Modelled	2.08E-08	3.88E-10	1.87E-05	4.19E-08	8.37E-09	8.37E-16	4.19E-09	1.00E-10	7.38E-11	2.05E-10	6.76E-10	4.00E-09	6.39E-11	1.44E-09	7.33E-08	6.79E-09	8.74E-08
1770	NG_466	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.157	3.95E-07	7.38E-07	Not Modelled	1.96E-08	3.65E-10	1.74E-05	3.95E-08	7.89E-09	7.89E-16	3.95E-09	9.44E-11	6.96E-11	1.94E-10	6.37E-10	3.77E-09	6.02E-11	1.36E-09	6.91E-08	6.40E-09	8.24E-08
1771	NG_467	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.157	3.73E-07	6.95E-07	Not Modelled	1.83E-08	3.45E-10	1.62E-05	3.73E-08	7.45E-09	7.45E-16	3.73E-09	8.92E-11	6.57E-11	1.83E-10	6.02E-10	3.56E-09	5.69E-11	1.28E-09	6.52E-08	6.05E-09	7.78E-08
1774	NG_470	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.157	3.54E-07	6.55E-07	Not Modelled	1.46E-08	3.27E-10	1.40E-05	3.54E-08	7.07E-09	7.07E-16	3.54E-09	8.46E-11	6.24E-11	1.73E-10	5.71E-10	3.38E-09	5.40E-11	1.22E-09	6.19E-08	5.74E-09	7.38E-08
1775	NG_471	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.157	3.96E-07	7.35E-07	Not Modelled	1.52E-08	3.66E-10	1.53E-05	3.96E-08	7.92E-09	7.92E-16	3.96E-09	9.47E-11	6.98E-11	1.94E-10	6.39E-10	3.78E-09	6.05E-11	1.37E-09	6.93E-08	6.42E-09	8.26E-08
1776	NG_472	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.157	4.72E-07	8.79E-07	Not Modelled	1.73E-08	4.36E-10	1.79E-05	4.71E-08	9.42E-09	9.42E-16	4.71E-09	1.13E-10	8.31E-11	2.31E-10	7.61E-10	4.50E-09	7.20E-11	1.62E-09	8.25E-08	7.65E-09	9.84E-08
1777	NG_473	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.157	5.74E-07	1.08E-06	Not Modelled	2.14E-08	5.31E-10	2.15E-05	5.74E-08	1.15E-08	1.15E-15	5.74E-09	1.37E-10	1.01E-10	2.81E-10	9.26E-10	5.48E-09	8.76E-11	1.98E-09	1.00E-07	9.31E-09	1.20E-07
1778	NG_474	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.157	6.97E-07	1.31E-06	Not Modelled	2.89E-08	6.44E-10	2.56E-05	6.97E-08	1.39E-08	1.39E-15	6.97E-09	1.67E-10	1.23E-10	3.42E-10	1.12E-09	6.65E-09	1.06E-10	2.40E-09	1.22E-07	1.13E-08	1.45E-07
1779	NG_475	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.157	8.36E-07	1.58E-06	Not Modelled	3.88E-08	7.73E-10	2.97E-05	8.35E-08	1.67E-08	1.67E-15	8.36E-09	2.00E-10	1.47E-10	4.10E-10	1.35E-09	7.98E-09	1.28E-10	2.88E-09	1.46E-07	1.36E-08	1.74E-07
1780	NG_476	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.157	9.89E-07	1.87E-06	Not Modelled	4.96E-08	9.15E-10	3.40E-05	9.89E-08	1.98E-08	1.98E-15	9.89E-09	2.37E-10	1.74E-10	4.85E-10	1.60E-09	9.44E-09	1.51E-10	3.41E-09	1.73E-07	1.60E-08	2.06E-07
1781	NG_477	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.157	1.14E-06	2.17E-06	Not Modelled	6.01E-08	1.05E-09	3.82E-05	1.14E-07	2.27E-08	2.27E-15	1.14E-08	2.72E-10	2.00E-10	5.58E-10	1.84E-09	1.09E-08	1.74E-10	3.92E-09	1.99E-07	1.84E-08	2.37E-07
1797	NG_493	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.207	2.32E-07	4.28E-07	Not Modelled	1.24E-08	2.13E-10	8.61E-06	2.31E-08	4.61E-09	4.61E-16	2.31E-09	5.52E-11	4.07E-11	1.13E-10	3.72E-10	2.20E-09	3.52E-11	7.95E-10	4.04E-08	3.74E-09	4.81E-08
1798	NG_494	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.207	2.50E-07	4.62E-07	Not Modelled	1.37E-08	2.30E-10	9.39E-06	2.48E-08	4.97E-09	4.97E-16	2.49E-09	5.94E-11	4.38E-11	1.22E-10	4.01E-10	2.37E-09	3.79E-11	8.56E-10	4.35E-08	4.03E-09	5.19E-08
1799	NG_495	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.207	2.70E-07	5.01E-07	Not Modelled	1.52E-08	2.48E-10	1.03E-05	2.68E-08	5.37E-09	5.37E-16	2.69E-09	6.42E-11	4.73E-11	1.32E-10	4.34E-10	2.56E-09	4.10E-11	9.25E-10	4.70E-08	4.36E-09	5.60E-08
1800	NG_496	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.207	2.94E-07	5.49E-07	Not Modelled	1.68E-08	2.71E-10	1.13E-05	2.93E-08	5.86E-09	5.86E-16	2.93E-09	7.01E-11	5.17E-11	1.44E-10	4.73E-10	2.80E-09	4.48E-11	1.01E-09	5.13E-08	4.76E-09	6.12E-08
1801	NG_497	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.207	3.21E-07	6.01E-07	Not Modelled	1.85E-08	2.96E-10	1.25E-05	3.20E-08	6.40E-09	6.40E-16	3.20E-09	7.66E-11	5.64E-11	1.57E-10	5.17E-10	3.06E-09	4.89E-11	1.10E-09	5.61E-08	5.20E-09	6.68E-08
1802	NG_498	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.207	3.52E-07	6.60E-07	Not Modelled	2.03E-08	3.25E-10	1.38E-05	3.51E-08	7.02E-09	7.02E-16	3.51E-09	8.40E-11	6.19E-11	1.72E-10	5.67E-10	3.35E-09	5.36E-11	1.21E-09	6.15E-08	5.70E-09	7.33E-08
1803	NG_499	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.207	3.86E-07	7.26E-07	Not Modelled	2.23E-08	3.56E-10	1.53E-05	3.85E-08	7.70E-09	7.70E-16	3.85E-09	9.21E-11	6.79E-11	1.89E-10	6.22E-10	3.68E-09	5.88E-11	1.33E-09	6.74E-08	6.25E-09	8.03E-08
1804	NG_500	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.207	4.26E-07	8.05E-07	Not Modelled	2.45E-08	3.94E-10	1.72E-05	4.26E-08	8.51E-09	8.51E-16	4.26E-09	1.02E-10	7.51E-11	2.09E-10	6.88E-10	4.06E-09	6.50E-11	1.47E-09	7.45E-08	6.91E-09	8.89E-08
1805	NG_501	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.207	4.68E-07	8.84E-07	Not Modelled	2.64E-08	4.32E-10	1.92E-05	4.67E-08	9.34E-09	9.34E-16	4.67E-09	1.12E-10	8.23E-11	2.29E-10	7.54E-10	4.46E-09	7.13E-11	1.61E-09	8.18E-08	7.58E-09	9.75E-08
1806	NG_502	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.207	5.05E-07	9.55E-07	Not Modelled	2.79E-08	4.67E-10	2.11E-05	5.04E-08	1.01E-08	1.01E-15	5.04E-09	1.21E-10	8.89E-11	2.47E-10	8.14E-10	4.81E-09	7.69E-11	1.74E-09	8.82E-08	8.18E-09	1.05E-07
1807	NG_503	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.207	5.28E-07	9.99E-07	Not Modelled	2.86E-08	4.88E-10	2.25E-05	5.27E-08	1.05E-08	1.05E-15	5.28E-09	1.26E-10	9.29E-11	2.59E-10	8.51E-10	5.03E-09	8.05E-11	1.82E-09	9.23E-08	8.55E-09	1.10E-07
1808	NG_504	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.207	5.43E-07	1.03E-06	Not Modelled	2.91E-08	5.02E-10	2.37E-05	5.42E-08	1.08E-08	1.08E-15	5.42E-09	1.30E-10	9.55E-11	2.66E-10	8.75E-10	5.17E-09	8.27E-11	1.87E-09	9.49E-08	8.79E-09	1.13E-07
1809	NG_505	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.207	5.41E-07	1.02E-06	Not Modelled	2.91E-08	5.00E-10	2.41E-05	5.41E-08	1.08E-08	1.08E-15	5.41E-09	1.29E-10	9.53E-11	2.65E-10	8.73E-10	5.16E-09	8.25E-11	1.86E-09	9.47E-08	8.77E-09	1.13E-07
1810	NG_506	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.207	5.23E-07	9.84E-07	Not Modelled	2.82E-08	4.83E-10	2.36E-05	5.22E-08	1.04E-08	1.04E-15	5.22E-09	1.25E-10	9.20E-11	2.56E-10	8.43E-10	4.98E-09	7.97E-11	1.80E-09	9.14E-08	8.47E-09	1.09E-07
1811	NG_507	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.207	4.90E-07	9.20E-07	Not Modelled	2.65E-08	4.53E-10	2.22E-05	4.89E-08	9.79E-09	9.79E-16	4.90E-09	1.17E-10	8.63E-11	2.40E-10	7.90E-10	4.67E-09	7.47E-11	1.69E-09	8.57E-08	7.94E-09	1.02E-07
1817	NG_513	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.207	5.65E-07	1.05E-06	Not Modelled	2.28E-08	5.23E-10	2.20E-05	5.65E-08	1.13E-08	1.13E-15	5.65E-09	1.35E-10	9.96E-11	2.77E-10	9.12E-10	5.39E-09	8.62E-11	1.95E-09	9.89E-08	9.16E-09	1.18E-07
1818	NG_514	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.207	7.09E-07	1.33E-06	Not Modelled	3.07E-08	6.56E-10	2.70E-05	7.09E-08	1.42E-08	1.42E-15	7.09E-09	1.70E-10	1.25E-10	3.48E-10	1.15E-09	6.77E-09	1.08E-10	2.44E-09	1.24E-07	1.15E-08	1.48E-07
1819	NG_515	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.207	9.04E-07	1.71E-06	Not Modelled	4.68E-08	8.36E-10	3.36E-05	9.03E-08	1.81E-08	1.81E-15	9.03E-09	2.16E-10	1.59E-10	4.43E-10	1.46E-09	8.62E-09	1.38E-10	3.11E-09	1.58E-07	1.47E-08	1.89E-07

AQIA DATA - SCENARIO 2 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**3.08E-06**	**5.69E-06**	**0.00E+00**	**3.69E-07**	**2.85E-09**	**1.88E-04**	**3.08E-07**	**6.16E-08**	**6.16E-15**	**3.08E-08**	**7.37E-10**	**5.43E-10**	**1.51E-09**	**4.98E-09**	**2.94E-08**	**4.71E-10**	**1.06E-08**	**5.40E-07**	**5.00E-08**	**6.43E-07**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1820	NG_516	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.207	1.13E-06	2.14E-06	Not Modelled	6.70E-08	1.05E-09	4.10E-05	1.13E-07	2.26E-08	2.26E-15	1.13E-08	2.70E-10	1.99E-10	5.54E-10	1.82E-09	1.08E-08	1.73E-10	3.90E-09	1.98E-07	1.83E-08	2.36E-07
1821	NG_517	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.207	1.36E-06	2.58E-06	Not Modelled	8.60E-08	1.25E-09	4.79E-05	1.36E-07	2.71E-08	2.71E-15	1.36E-08	3.24E-10	2.39E-10	6.65E-10	2.19E-09	1.29E-08	2.07E-10	4.68E-09	2.37E-07	2.20E-08	2.83E-07
1838	NG_534	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.257	2.33E-07	4.29E-07	Not Modelled	1.36E-08	2.14E-10	8.95E-06	2.31E-08	4.63E-09	4.63E-16	2.31E-09	5.53E-11	4.08E-11	1.13E-10	3.74E-10	2.21E-09	3.53E-11	7.97E-10	4.05E-08	3.75E-09	4.83E-08
1839	NG_535	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.257	2.50E-07	4.63E-07	Not Modelled	1.51E-08	2.30E-10	9.76E-06	2.49E-08	4.98E-09	4.98E-16	2.49E-09	5.96E-11	4.39E-11	1.22E-10	4.02E-10	2.38E-09	3.80E-11	8.58E-10	4.36E-08	4.04E-09	5.20E-08
1840	NG_536	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.257	2.71E-07	5.02E-07	Not Modelled	1.68E-08	2.50E-10	1.07E-05	2.70E-08	5.39E-09	5.39E-16	2.70E-09	6.45E-11	4.75E-11	1.32E-10	4.35E-10	2.57E-09	4.12E-11	9.30E-10	4.72E-08	4.38E-09	5.63E-08
1841	NG_537	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.257	2.95E-07	5.49E-07	Not Modelled	1.86E-08	2.72E-10	1.17E-05	2.94E-08	5.88E-09	5.88E-16	2.94E-09	7.03E-11	5.18E-11	1.44E-10	4.75E-10	2.81E-09	4.49E-11	1.01E-09	5.15E-08	4.77E-09	6.14E-08
1842	NG_538	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.257	3.23E-07	6.02E-07	Not Modelled	2.04E-08	2.98E-10	1.29E-05	3.22E-08	6.44E-09	6.44E-16	3.22E-09	7.70E-11	5.67E-11	1.58E-10	5.20E-10	3.07E-09	4.91E-11	1.11E-09	5.63E-08	5.22E-09	6.72E-08
1843	NG_539	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.257	3.54E-07	6.64E-07	Not Modelled	2.25E-08	3.27E-10	1.43E-05	3.54E-08	7.07E-09	7.07E-16	3.54E-09	8.46E-11	6.24E-11	1.73E-10	5.71E-10	3.38E-09	5.40E-11	1.22E-09	6.19E-08	5.74E-09	7.38E-08
1844	NG_540	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.257	3.94E-07	7.40E-07	Not Modelled	2.49E-08	3.64E-10	1.60E-05	3.94E-08	7.87E-09	7.87E-16	3.94E-09	9.42E-11	6.94E-11	1.93E-10	6.36E-10	3.76E-09	6.01E-11	1.36E-09	6.89E-08	6.39E-09	8.21E-08
1845	NG_541	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.257	4.43E-07	8.33E-07	Not Modelled	2.75E-08	4.09E-10	1.80E-05	4.42E-08	8.84E-09	8.84E-16	4.42E-09	1.06E-10	7.79E-11	2.17E-10	7.14E-10	4.22E-09	6.75E-11	1.52E-09	7.74E-08	7.17E-09	9.22E-08
1846	NG_542	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.257	4.96E-07	9.35E-07	Not Modelled	3.01E-08	4.58E-10	2.03E-05	4.95E-08	9.90E-09	9.90E-16	4.95E-09	1.18E-10	8.73E-11	2.43E-10	8.00E-10	4.73E-09	7.56E-11	1.71E-09	8.67E-08	8.03E-09	1.03E-07
1847	NG_543	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.257	5.48E-07	1.04E-06	Not Modelled	3.24E-08	5.06E-10	2.27E-05	5.47E-08	1.09E-08	1.09E-15	5.47E-09	1.31E-10	9.64E-11	2.68E-10	8.83E-10	5.22E-09	8.35E-11	1.89E-09	9.58E-08	8.88E-09	1.14E-07
1848	NG_544	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.257	5.99E-07	1.13E-06	Not Modelled	3.49E-08	5.54E-10	2.54E-05	5.98E-08	1.20E-08	1.20E-15	5.99E-09	1.43E-10	1.05E-10	2.93E-10	9.66E-10	5.71E-09	9.13E-11	2.06E-09	1.05E-07	9.71E-09	1.25E-07
1849	NG_545	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.257	6.44E-07	1.22E-06	Not Modelled	3.73E-08	5.95E-10	2.80E-05	6.43E-08	1.29E-08	1.29E-15	6.44E-09	1.54E-10	1.13E-10	3.16E-10	1.04E-09	6.14E-09	9.82E-11	2.22E-09	1.13E-07	1.04E-08	1.34E-07
1850	NG_546	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.257	6.67E-07	1.26E-06	Not Modelled	3.88E-08	6.17E-10	2.97E-05	6.67E-08	1.33E-08	1.33E-15	6.67E-09	1.60E-10	1.18E-10	3.27E-10	1.08E-09	6.37E-09	1.02E-10	2.30E-09	1.17E-07	1.08E-08	1.39E-07
1851	NG_547	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.257	6.61E-07	1.25E-06	Not Modelled	3.88E-08	6.11E-10	3.01E-05	6.61E-08	1.32E-08	1.32E-15	6.61E-09	1.58E-10	1.16E-10	3.24E-10	1.07E-09	6.31E-09	1.01E-10	2.28E-09	1.16E-07	1.07E-08	1.38E-07
1852	NG_548	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.257	6.26E-07	1.18E-06	Not Modelled	3.73E-08	5.79E-10	2.91E-05	6.26E-08	1.25E-08	1.25E-15	6.26E-09	1.50E-10	1.10E-10	3.07E-10	1.01E-09	5.97E-09	9.55E-11	2.16E-09	1.10E-07	1.02E-08	1.31E-07
1859	NG_555	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.257	9.48E-07	1.78E-06	Not Modelled	5.19E-08	8.76E-10	3.72E-05	9.47E-08	1.89E-08	1.89E-15	9.48E-09	2.27E-10	1.67E-10	4.65E-10	1.53E-09	9.05E-09	1.45E-10	3.27E-09	1.66E-07	1.54E-08	1.98E-07
1860	NG_556	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.257	1.27E-06	2.40E-06	Not Modelled	8.75E-08	1.17E-09	4.86E-05	1.27E-07	2.53E-08	2.53E-15	1.27E-08	3.03E-10	2.23E-10	6.21E-10	2.04E-09	1.21E-08	1.93E-10	4.37E-09	2.22E-07	2.05E-08	2.64E-07
1861	NG_557	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.257	1.61E-06	3.07E-06	Not Modelled	1.26E-07	1.49E-09	6.04E-05	1.61E-07	3.22E-08	3.22E-15	1.61E-08	3.85E-10	2.84E-10	7.90E-10	2.60E-09	1.54E-08	2.46E-10	5.55E-09	2.82E-07	2.61E-08	3.36E-07
1862	NG_558	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.257	1.86E-06	3.57E-06	Not Modelled	1.53E-07	1.72E-09	6.83E-05	1.86E-07	3.73E-08	3.73E-15	1.86E-08	4.46E-10	3.29E-10	9.14E-10	3.01E-09	1.78E-08	2.85E-10	6.43E-09	3.26E-07	3.02E-08	3.89E-07
1879	NG_575	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.307	2.33E-07	4.31E-07	Not Modelled	1.48E-08	2.15E-10	9.31E-06	2.32E-08	4.65E-09	4.65E-16	2.33E-09	5.56E-11	4.10E-11	1.14E-10	3.75E-10	2.22E-09	3.55E-11	8.01E-10	4.07E-08	3.77E-09	4.85E-08
1880	NG_576	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.307	2.50E-07	4.62E-07	Not Modelled	1.64E-08	2.31E-10	1.01E-05	2.49E-08	4.98E-09	4.98E-16	2.49E-09	5.96E-11	4.39E-11	1.22E-10	4.02E-10	2.38E-09	3.80E-11	8.59E-10	4.36E-08	4.04E-09	5.20E-08
1881	NG_577	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.307	2.71E-07	5.03E-07	Not Modelled	1.83E-08	2.50E-10	1.11E-05	2.70E-08	5.40E-09	5.40E-16	2.70E-09	6.47E-11	4.76E-11	1.33E-10	4.36E-10	2.58E-09	4.13E-11	9.32E-10	4.73E-08	4.38E-09	5.64E-08
1882	NG_578	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.307	2.96E-07	5.51E-07	Not Modelled	2.03E-08	2.73E-10	1.22E-05	2.95E-08	5.91E-09	5.91E-16	2.95E-09	7.07E-11	5.21E-11	1.45E-10	4.77E-10	2.82E-09	4.51E-11	1.02E-09	5.17E-08	4.79E-09	6.16E-08
1883	NG_579	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.307	3.23E-07	6.01E-07	Not Modelled	2.23E-08	2.98E-10	1.34E-05	3.22E-08	6.44E-09	6.44E-16	3.22E-09	7.70E-11	5.68E-11	1.58E-10	5.20E-10	3.07E-09	4.92E-11	1.11E-09	5.64E-08	5.22E-09	6.72E-08
1884	NG_580	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.307	3.55E-07	6.62E-07	Not Modelled	2.45E-08	3.28E-10	1.47E-05	3.54E-08	7.08E-09	7.08E-16	3.54E-09	8.47E-11	6.24E-11	1.74E-10	5.72E-10	3.38E-09	5.41E-11	1.22E-09	6.20E-08	5.75E-09	7.39E-08
1885	NG_581	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.307	3.98E-07	7.44E-07	Not Modelled	2.72E-08	3.68E-10	1.65E-05	3.97E-08	7.94E-09	7.94E-16	3.97E-09	9.50E-11	7.00E-11	1.95E-10	6.41E-10	3.79E-09	6.06E-11	1.37E-09	6.95E-08	6.44E-09	8.29E-08
1886	NG_582	Nested Grid - 50m	Parks/ Recreation	Offsite	379.014	6367.307	4.52E-07	8.48E-07	Not Modelled	3.03E-08	4.18E-10	1.88E-05	4.52E-08	9.03E-09	9.03E-16	4.52E-09	1.08E-10	7.96E-11	2.22E-10	7.29E-10	4.31E-09	6.90E-11	1.56E-09	7.91E-08	7.33E-09	9.43E-08
1887	NG_583	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.307	5.11E-07	9.61E-07	Not Modelled	3.34E-08	4.73E-10	2.12E-05	5.11E-08	1.02E-08	1.02E-15	5.11E-09	1.22E-10	9.00E-11	2.51E-10	8.25E-10	4.88E-09	7.80E-11	1.76E-09	8.94E-08	8.29E-09	1.07E-07
1888	NG_584	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.307	5.77E-07	1.09E-06	Not Modelled	3.68E-08	5.34E-10	2.41E-05	5.77E-08	1.15E-08	1.15E-15	5.77E-09	1.38E-10	1.02E-10	2.83E-10	9.31E-10	5.51E-09	8.80E-11	1.99E-09	1.01E-07	9.36E-09	1.20E-07
1889	NG_585	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.307	6.56E-07	1.24E-06	Not Modelled	4.12E-08	6.07E-10	2.78E-05	6.56E-08	1.31E-08	1.31E-15	6.56E-09	1.57E-10	1.16E-10	3.22E-10	1.06E-09	6.26E-09	1.00E-10	2.26E-09	1.15E-07	1.06E-08	1.37E-07
1890	NG_586	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.307	7.41E-07	1.40E-06	Not Modelled	4.62E-08	6.85E-10	3.19E-05	7.40E-08	1.48E-08	1.48E-15	7.41E-09	1.77E-10	1.31E-10	3.63E-10	1.20E-09	7.07E-09	1.13E-10	2.55E-09	1.30E-07	1.20E-08	1.55E-07
1891	NG_587	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.307	8.05E-07	1.52E-06	Not Modelled	5.06E-08	7.44E-10	3.55E-05	8.04E-08	1.61E-08	1.61E-15	8.05E-09	1.92E-10	1.42E-10	3.94E-10	1.30E-09	7.68E-09	1.23E-10	2.77E-09	1.41E-07	1.31E-08	1.68E-07
1892	NG_588	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.307	8.32E-07	1.57E-06	Not Modelled	5.37E-08	7.70E-10	3.80E-05	8.32E-08	1.66E-08	1.66E-15	8.32E-09	1.99E-10	1.47E-10	4.08E-10	1.34E-09	7.94E-09	1.27E-10	2.87E-09	1.46E-07	1.35E-08	1.74E-07
1893	NG_589	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.307	8.29E-07	1.57E-06	Not Modelled	5.52E-08	7.67E-10	3.95E-05	8.29E-08	1.66E-08	1.66E-15	8.29E-09	1.98E-10	1.46E-10	4.06E-10	1.34E-09	7.91E-09	1.26E-10	2.86E-09	1.45E-07	1.34E-08	1.73E-07
1900	NG_596	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.307	1.41E-06	2.67E-06	Not Modelled	1.04E-07	1.31E-09	5.78E-05	1.41E-07	2.82E-08	2.82E-15	1.41E-08	3.38E-10	2.49E-10	6.93E-10	2.28E-09	1.35E-08	2.16E-10	4.87E-09	2.47E-07	2.29E-08	2.95E-07
1901	NG_597	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.307	1.96E-06	3.74E-06	Not Modelled	1.84E-07	1.81E-09	7.85E-05	1.96E-07	3.92E-08	3.92E-15	1.96E-08	4.69E-10	3.45E-10	9.61E-10	3.16E-09	1.87E-08	2.99E-10	6.75E-09	3.43E-07	3.18E-08	4.09E-07
1902	NG_598	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.307	2.39E-06	4.58E-06	Not Modelled	2.46E-07	2.21E-09	9.38E-05	2.39E-07	4.77E-08	4.77E-15	2.39E-08	5.71E-10	4.21E-10	1.17E-09	3.86E-09	2.28E-08	3.65E-10	8.23E-09	4.18E-07	3.87E-08	4.98E-07
1903	NG_599	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.307	2.56E-06	4.94E-06	Not Modelled	2.68E-07	2.37E-09	9.89E-05	2.56E-07	5.13E-08	5.13E-15	2.57E-08	6.14E-10	4.52E-10	1.26E-09	4.14E-09	2.45E-08	3.92E-10	8.84E-09	4.49E-07	4.16E-08	5.35E-07
1920	NG_616	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.357	2.35E-07	4.34E-07	Not Modelled	1.60E-08	2.17E-10	9.68E-06	2.34E-08	4.69E-09	4.69E-16	2.34E-09	5.61E-11	4.13E-11	1.15E-10	3.78E-10	2.24E-09	3.58E-11	8.08E-10	4.10E-08	3.80E-09	4.89E-08
1921	NG_617	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.357	2.52E-07	4.67E-07	Not Modelled	1.78E-08	2.33E-10	1.06E-05	2.52E-08	5.03E-09	5.03E-16	2.52E-09	6.02E-11	4.44E-11	1.23E-10	4.06E-10	2.40E-09	3.84E-11	8.67E-10	4.40E-08	4.08E-09	5.25E-08
1922	NG_618	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.357	2.74E-07	5.07E-07	Not Modelled	1.98E-08	2.53E-10	1.16E-05	2.73E-08	5.46E-09	5.46E-16	2.73E-09	6.53E-11	4.81E-11	1.34E-10	4.41E-10	2.61E-09	4.17E-11	9.41E-10	4.78E-08	4.43E-09	5.70E-08
1923	NG_619	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.357	2.98E-07	5.54E-07	Not Modelled	2.20E-08	2.75E-10	1.28E-05	2.97E-08	5.95E-09	5.95E-16	2.98E-09	7.12E-11	5.24E-11	1.46E-10	4.80E-10	2.84E-09	4.54E-11	1.03E-09	5.21E-08	4.83E-09	6.21E-08
1924	NG_620	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.357	3.25E-07	6.05E-07	Not Modelled	2.42E-08	3.01E-10	1.40E-05	3.25E-08	6.50E-09	6.50E-16	3.25E-09	7.77E-11	5.73E-11	1.59E-10	5.25E-10	3.10E-09	4.96E-11	1.12E-09	5.69E-08	5.27E-09	6.78E-08
1925	NG_621	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.357	3.59E-07	6.68E-07	Not Modelled	2.67E-08	3.32E-10	1.54E-05	3.58E-08	7.16E-09	7.16E-16	3.58E-09	8.57E-11	6.31E-11	1.76E-10	5.78E-10	3.42E-09	5.47E-11	1.23E-09	6.27E-08	5.81E-09	7.48E-08
1926	NG_622	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.357	4.03E-07	7.50E-07	Not Modelled	2.96E-08	3.72E-10	1.73E-05	4.02E-08	8.04E-09	8.04E-16	4.02E-09	9.62E-11	7.09E-11	1.97E-10	6.50E-10	3.84E-09	6.14E-11	1.39E-09	7.04E-08	6.53E-09	8.40E-08
1927	NG_623	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.357	4.57E-07	8.54E-07	Not Modelled	3.30E-08	4.23E-10	1.95E-05	4.57E-08	9.14E-09	9.14E-16	4.57E-09	1.09E-10	8.05E-11	2.24E-10	7.38E-10	4.36E-09	6.98E-11	1.57E-09	8.00E-08	7.41E-09	9.54E-08
1928	NG_624	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.357	5.19E-07	9.70E-07	Not Modelled	3.65E-08	4.80E-10	2.21E-05	5.19E-08	1.04E-08	1.04E-15	5.19E-09	1.24E-10	9.14E-11	2.54E-10	8.37E-10	4.95E-09	7.92E-11	1.79E-09	9.08E-08	8.41E-09	1.08E-07
1929	NG_625	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.357	5.97E-07	1.12E-06	Not Modelled	4.11E-08	5.52E-10	2.54E-05	5.96E-08	1.19E-08	1.19E-15	5.97E-09	1.43E-10	1.05E-10	2.92E-10	9.63E-10	5.69E-09	9.10E-11	2.06E-09	1.04E-07	9.68E-09	1.24E-07
1930	NG_626	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.357	7.00E-07	1.31E-06	Not Modelled	4.76E-08	6.47E-10	3.00E-05	6.99E-08	1.40E-08	1.40E-15	7.00E-09	1.67E-10	1.23E-10	3.43E-10	1.13E-09	6.68E-09	1.07E-10	2.41E-09	1.22E-07	1.13E-08	1.46E-07
1931	NG_627	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.357	8.17E-07	1.54E-06	Not Modelled	5.52E-08	7.56E-10	3.53E-05	8.17E-08	1.63E-08	1.63E-15	8.18E-09	1.95E-10	1.44E-10	4.01E-10	1.32E-09	7.80E-09	1.25E-10	2.82E-09	1.43E-07	1.33E-08	1.71E-07
1932	NG_628	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.357	9.27E-07	1.75E-06	Not Modelled	6.35E-08	8.57E-10	4.08E-05	9.26E-08	1.85E-08	1.85E-15	9.27E-09	2.22E-10	1.63E-10	4.54E-10	1.50E-09	8.84E-09	1.41E-10	3.19E-09	1.62E-07	1.50E-08	1.93E-07
1933	NG_629	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.357	1.02E-06	1.92E-06	Not Modelled	7.31E-08	9.41E-10	4.70E-05	1.02E-07	2.03E-08	2.03E-15	1.02E-08	2.43E-10	1.79E-10	4.99E-10	1.64E-09	9.71E-09	1.55E-10	3.51E-09	1.78E-07	1.65E-08	2.12E-07
1934	NG_630	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.357	1.10E-06	2.09E-06	Not Modelled	8.25E-08	1.02E-09	5.35E-05	1.10E-07	2.21E-08	2.21E-15	1.10E-08	2.64E-10	1.95E-10	5.41E-10	1.78E-09	1.05E-08	1.69E-10	3.80E-09	1.93E-07	1.79E-08	2.30E-07
1961	NG_657	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.407	2.39E-07	4.42E-07	Not Modelled	1.71E-08	2.21E-10	1.02E-05	2.38E-08	4.77E-09	4.77E-16	2.38E-09	5.70E-11	4.20E-11	1.17E-10	3.85E-10	2.28E-09	3.64E-11	8.22E-10	4.17E-08	3.87E-09	4.97E-08
1962	NG_658	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.407	2.58E-07	4.77E-07	Not Modelled	1.91E-08	2.38E-10	1.12E-05	2.57E-08	5.14E-09	5.14E-16	2.57E-09	6.15E-11	4.53E-11	1.26E-10	4.15E-10	2.45E-09	3.93E-11	8.86E-10	4.50E-08	4.17E-09	5.37E-08
1963	NG_659	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.407	2.79E-07	5.17E-07	Not Modelled	2.13E-08	2.57E-10	1.22E-05	2.78E-08	5.56E-09	5.56E-16	2.78E-09	6.65E-11	4.90E-11	1.36E-10	4.49E-10	2.65E-09	4.24E-11	9.58E-10	4.87E-08	4.51E-09	5.80E-08
1964	NG_660	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.407	3.03E-07	5.62E-07	Not Modelled	2.35E-08	2.80E-10	1.34E-05	3.02E-08	6.05E-09	6.05E-16	3.03E-09	7.24E-11	5.33E-11	1.48E-10	4.88E-10	2.89E-09	4.62E-11	1.04E-09	5.30E-08	4.91E-09	6.31E-08
1965	NG_661	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.407	3.32E-07	6.16E-07	Not Modelled	2.60E-08	3.06E-10	1.47E-05	3.31E-08	6.62E-09	6.62E-16	3.31E-09	7.92E-11	5.83E-11	1.62E-10	5.35E-10	3.16E-09	5.05E-11	1.14E-09	5.80E-08	5.37E-09	6.91E-08
1966	NG_662	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.407	3.68E-07	6.83E-07	Not Modelled	2.88E-08	3.40E-10	1.64E-05	3.67E-08	7.34E-09	7.34E-16	3.67E-09	8.79E-11	6.47E-11	1.80E-10	5.93E-10	3.51E-09	5.61E-11	1.27E-09	6.43E-08	5.96E-09	7.67E-08
1967	NG_663	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.407	4.12E-07	7.66E-07	Not Modelled	3.21E-08	3.81E-10	1.83E-05	4.12E-08	8.24E-09	8.24E-16	4.12E-09	9.85E-11	7.26E-11	2.02E-10	6.65E-10	3.93E-09	6.29E-11	1.42E-09	7.21E-08	6.68E-09	8.60E-08
1968	NG_664	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.407	4.66E-07	8.66E-07	Not Modelled	3.57E-08	4.31E-10	2.05E-05	4.66E-08	9.31E-09	9.31E-16	4.66E-09	1.11E-10	8.21E-11	2.28E-10	7.52E-10	4.45E-09	7.11E-11	1.61E-09	8.15E-08	7.55E-09	9.72E-08
1969	NG_665	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.407	5.31E-07	9.86E-07	Not Modelled	3.99E-08	4.91E-10	2.33E-05	5.30E-08	1.06E-08	1.06E-15	5.31E-09	1.27E-10	9.35E-11	2.60E-10	8.57E-10	5.06E-09	8.10E-11	1.83E-09	9.29E-08	8.61E-09	1.11E-07
1970	NG_666	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.407	6.19E-07	1.15E-06	Not Modelled	4.60E-08	5.72E-10	2.72E-05	6.19E-08	1.24E-08	1.24E-15	6.19E-09	1.48E-10	1.09E-10	3.03E-10	9.99E-10	5.91E-09	9.44E-11	2.13E-09	1.08E-07	1.00E-08	1.29E-07
1971	NG_667	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.407	7.36E-07	1.37E-06	Not Modelled	5.43E-08	6.81E-10	3.24E-05	7.36E-08	1.47E-08	1.47E-15	7.36E-09	1.76E-10	1.30E-10	3.61E-10	1.19E-09	7.03E-09	1.12E-10	2.54E-09	1.29E-07	1.19E-08	1.54E-07
1972	NG_668	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.407	8.75E-07	1.63E-06	Not Modelled	6.43E-08	8.09E-10	3.85E-05	8.75E-08	1.75E-08	1.75E-15	8.75E-09	2.09E-10	1.54E-10	4.29E-10	1.41E-09	8.35E-09	1.34E-10	3.01E-09	1.53E-07	1.42E-08	1.83E-07
1973	NG_669	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.407	1.02E-06	1.91E-06	Not Modelled	7.73E-08	9.43E-10	4.59E-05	1.02E-07	2.04E-08	2.04E-15	1.02E-08	2.44E-10	1.80E-10	4.99E-10	1.64E-09	9.72E-09	1.55E-10	3.51E-09	1.78E-07	1.65E-08	2.13E-07
1974	NG_670	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.407	1.19E-06	2.24E-06	Not Modelled	9.60E-08	1.10E-09	5.62E-05	1.19E-07	2.38E-08	2.38E-15	1.19E-08	2.85E-10	2.10E-10	5.83E-10	1.92E-09	1.14E-08	1.82E-10	4.10E-09	2.08E-07	1.93E-08	2.48E-07
1975	NG_671	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.407	1.41E-06	2.66E-06	Not Modelled	1.19E-07	1.30E-09	6.94E-05	1.41E-07	2.82E-08	2.82E-15	1.41E-08	3.37E-10	2.48E-10	6.91E-10	2.28E-09	1.35E-08	2.15E-10	4.86E-09	2.47E-07	2.29E-08	2.94E-07
2002	NG_698	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.457	2.42E-07	4.48E-07	Not Modelled	1.80E-08	2.24E-10	1.06E-05	2.42E-08	4.83E-09	4.83E-16	2.42E-09	5.78E-11	4.26E-11	1.19E-10	3.90E-10	2.31E-09	3.69E-11	8.33E-10	4.23E-08	3.92E-09	5.04E-08
2003	NG_699	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.457	2.62E-07	4.85E-07	Not Modelled	2.01E-08	2.41E-10	1.16E-05	2.61E-08	5.22E-09	5.22E-16	2.61E-09	6.24E-11	4.60E-11	1.28E-10	4.21E-10	2.49E-09	3.98E-11	9.00E-10	4.57E-08	4.23E-09	5.45E-08
2004	NG_700	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.457	2.82E-07	5.23E-07	Not Modelled	2.23E-08	2.61E-10	1.26E-05	2.82E-08	5.63E-09	5.63E-16	2.82E-09	6.74E-11	4.96E-11	1.38E-10	4.55E-10	2.69E-09	4.30E-11	9.71E-10	4.93E-08	4.57E-09	5.88E-08
2005	NG_701	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.457	3.07E-07	5.68E-07	Not Modelled	2.45E-08	2.83E-10	1.38E-05	3.06E-08	6.12E-09	6.12E-16	3.06E-09	7.32E-11	5.39E-11	1.50E-10	4.94E-10	2.92E-09	4.67E-11	1.05E-09	5.36E-08	4.97E-09	6.39E-08
2006	NG_702	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.457	3.37E-07	6.25E-07	Not Modelled	2.72E-08	3.12E-10	1.52E-05	3.37E-08	6.74E-09	6.74E-16	3.37E-09	8.06E-11	5.94E-11	1.65E-10	5.44E-10	3.22E-09	5.14E-11	1.16E-09	5.90E-08	5.47E-09	7.03E-08
2007	NG_703	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.457	3.75E-07	6.96E-07	Not Modelled	3.04E-08	3.47E-10	1.70E-05	3.75E-08	7.50E-09	7.50E-16	3.75E-09	8.97E-11	6.61E-11	1.84E-10	6.06E-10	3.58E-09	5.73E-11	1.29E-09	6.57E-08	6.08E-09	7.83E-08
2008	NG_704	Nested Grid - 50m	Parks/ Recreation	Offsite	378.964	6367.457	4.21E-07	7.80E-07	Not Modelled	3.38E-08	3.89E-10	1.90E-05	4.20E-08	8.41E-09	8.41E-16	4.21E-09	1.01E-10	7.41E-11	2.06E-10	6.79E-10	4.01E-09	6.42E-11	1.45E-09	7.36E-08	6.82E-09	8.78E-08
2009	NG_705	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.457	4.76E-07	8.81E-07	Not Modelled	3.78E-08	4.40E-10	2.13E-05	4.76E-08	9.51E-09	9.51E-16	4.76E-09	1.14E-10	8.39E-11	2.33E-10	7.68E-10	4.54E-09	7.26E-11	1.64E-09	8.33E-08	7.72E-09	9.93E-08
2010	NG_706	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.457	5.45E-07	1.01E-06	Not Modelled	4.28E-08	5.04E-10	2.44E-05	5.45E-08	1.09E-08	1.09E-15	5.45E-09	1.30E-10	9.60E-11	2.67E-10	8.79E-10	5.20E-09	8.31E-11	1.88E-09	9.53E-08	8.84E-09	1.14E-07
2011	NG_707	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.457	6.42E-07	1.19E-06	Not Modelled	5.02E-08	5.93E-10	2.88E-05	6.41E-08	1.28E-08	1.28E-15	6.42E-09	1.53E-10	1.13E-10	3.15E-10	1.04E-09	6.12E-09	9.79E-11	2.21E-09	1.12E-07	1.04E-08	1.34E-07
2012	NG_708	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.457	7.71E-07	1.42E-06	Not Modelled	6.03E-08	7.13E-10	3.47E-05	7.71E-08	1.54E-08	1.54E-15	7.71E-09	1.84E-10	1.36E-10	3.78E-10	1.24E-09	7.36E-09	1.18E-10	2.66E-09	1.35E-07	1.25E-08	1.61E-07
2013	NG_709	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.457	9.23E-07	1.71E-06	Not Modelled	7.28E-08	8.54E-10	4.18E-05	9.23E-08	1.84E-08	1.84E-15	9.23E-09	2.21E-10	1.63E-10	4.52E-10	1.49E-09	8.81E-09	1.41E-10	3.18E-09	1.62E-07	1.50E-08	1.93E-07
2014	NG_710	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.457	1.08E-06	2.01E-06	Not Modelled	9.06E-08	1.00E-09	5.07E-05	1.08E-07	2.16E-08	2.16E-15	1.08E-08	2.59E-10	1.91E-10	5.31E-10	1.75E-09	1.03E-08	1.65E-10	3.73E-09	1.89E-07	1.76E-08	2.26E-07
2015	NG_711	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.457	1.32E-06	2.45E-06	Not Modelled	1.19E-07	1.22E-09	6.48E-05	1.32E-07	2.63E-08	2.63E-15	1.32E-08	3.15E-10	2.32E-10	6.45E-10	2.12E-09	1.26E-08	2.01E-10	4.54E-09	2.30E-07	2.13E-08	2.75E-07
2016	NG_712	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.457	1.67E-06	3.12E-06	Not Modelled	1.58E-07	1.55E-09	8.49E-05	1.67E-07	3.34E-08	3.34E-15	1.67E-08	3.99E-10	2.94E-10	8.19E-10	2.70E-09	1.59E-08	2.55E-10	5.76E-09	2.92E-07	2.71E-08	3.48E-07

AQIA DATA - SCENARIO 2 GRID MAX

Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2 (20)	NO2 (21)	CO (22)	PM10 (23)	Lead (24)	TSP (25)	HF (26)	Cyanide (27)	Dioxins & Furans (28)	PAH (29)	Antimony (30)	Arsenic (31)	Cadmium (32)	Chromium (33)	Manganese (34)	Mercury (35)	Nickel (36)	Acetone (37)	Benzene (38)	Toluene (39)
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**3.08E-06**	**5.69E-06**	**0.00E+00**	**3.69E-07**	**2.85E-09**	**1.88E-04**	**3.08E-07**	**6.16E-08**	**6.16E-15**	**3.08E-08**	**7.37E-10**	**5.43E-10**	**1.51E-09**	**4.98E-09**	**2.94E-08**	**4.71E-10**	**1.06E-08**	**5.40E-07**	**5.00E-08**	**6.43E-07**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2043	NG_739	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.507	2.43E-07	4.49E-07	Not Modelled	1.85E-08	2.24E-10	1.07E-05	2.42E-08	4.84E-09	4.84E-16	2.42E-09	5.79E-11	4.27E-11	1.19E-10	3.91E-10	2.31E-09	3.70E-11	8.35E-10	4.24E-08	3.93E-09	5.05E-08
2044	NG_740	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.507	2.62E-07	4.85E-07	Not Modelled	2.06E-08	2.42E-10	1.17E-05	2.61E-08	5.23E-09	5.23E-16	2.62E-09	6.25E-11	4.61E-11	1.28E-10	4.22E-10	2.50E-09	3.99E-11	9.01E-10	4.58E-08	4.24E-09	5.46E-08
2045	NG_741	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.507	2.83E-07	5.24E-07	Not Modelled	2.28E-08	2.62E-10	1.28E-05	2.83E-08	5.65E-09	5.65E-16	2.83E-09	6.76E-11	4.98E-11	1.39E-10	4.56E-10	2.70E-09	4.32E-11	9.74E-10	4.95E-08	4.59E-09	5.90E-08
2046	NG_742	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.507	3.08E-07	5.71E-07	Not Modelled	2.51E-08	2.85E-10	1.39E-05	3.08E-08	6.16E-09	6.16E-16	3.08E-09	7.37E-11	5.43E-11	1.51E-10	4.97E-10	2.94E-09	4.70E-11	1.06E-09	5.39E-08	5.00E-09	6.43E-08
2047	NG_743	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.507	3.40E-07	6.28E-07	Not Modelled	2.78E-08	3.14E-10	1.54E-05	3.39E-08	6.78E-09	6.78E-16	3.39E-09	8.11E-11	5.98E-11	1.66E-10	5.48E-10	3.24E-09	5.18E-11	1.17E-09	5.94E-08	5.50E-09	7.08E-08
2048	NG_744	Nested Grid - 50m	Parks/ Recreation	Offsite	378.914	6367.507	3.79E-07	7.01E-07	Not Modelled	3.10E-08	3.50E-10	1.72E-05	3.79E-08	7.57E-09	7.57E-16	3.79E-09	9.06E-11	6.67E-11	1.86E-10	6.11E-10	3.62E-09	5.78E-11	1.31E-09	6.63E-08	6.14E-09	7.90E-08
2049	NG_745	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.507	4.27E-07	7.88E-07	Not Modelled	3.47E-08	3.95E-10	1.93E-05	4.26E-08	8.53E-09	8.53E-16	4.27E-09	1.02E-10	7.52E-11	2.09E-10	6.89E-10	4.07E-09	6.51E-11	1.47E-09	7.47E-08	6.92E-09	8.90E-08
2050	NG_746	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.507	4.85E-07	8.94E-07	Not Modelled	3.90E-08	4.48E-10	2.18E-05	4.84E-08	9.68E-09	9.68E-16	4.84E-09	1.16E-10	8.54E-11	2.37E-10	7.82E-10	4.62E-09	7.39E-11	1.67E-09	8.48E-08	7.86E-09	1.01E-07
2051	NG_747	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.507	5.57E-07	1.03E-06	Not Modelled	4.45E-08	5.15E-10	2.51E-05	5.57E-08	1.11E-08	1.11E-15	5.57E-09	1.33E-10	9.82E-11	2.73E-10	8.99E-10	5.32E-09	8.50E-11	1.92E-09	9.75E-08	9.04E-09	1.16E-07
2052	NG_748	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.507	6.61E-07	1.22E-06	Not Modelled	5.29E-08	6.11E-10	2.99E-05	6.61E-08	1.32E-08	1.32E-15	6.61E-09	1.58E-10	1.16E-10	3.24E-10	1.07E-09	6.31E-09	1.01E-10	2.28E-09	1.16E-07	1.07E-08	1.38E-07
2053	NG_749	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.507	8.03E-07	1.48E-06	Not Modelled	6.45E-08	7.42E-10	3.66E-05	8.02E-08	1.60E-08	1.60E-15	8.03E-09	1.92E-10	1.41E-10	3.93E-10	1.30E-09	7.66E-09	1.22E-10	2.77E-09	1.40E-07	1.30E-08	1.67E-07
2054	NG_750	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.507	9.62E-07	1.77E-06	Not Modelled	7.88E-08	8.90E-10	4.44E-05	9.62E-08	1.92E-08	1.92E-15	9.62E-09	2.30E-10	1.70E-10	4.72E-10	1.55E-09	9.18E-09	1.47E-10	3.32E-09	1.68E-07	1.56E-08	2.01E-07
2055	NG_751	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.507	1.13E-06	2.09E-06	Not Modelled	1.01E-07	1.05E-09	5.47E-05	1.13E-07	2.27E-08	2.27E-15	1.13E-08	2.71E-10	2.00E-10	5.56E-10	1.83E-09	1.08E-08	1.73E-10	3.91E-09	1.98E-07	1.84E-08	2.36E-07
2056	NG_752	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.507	1.40E-06	2.59E-06	Not Modelled	1.37E-07	1.29E-09	7.16E-05	1.40E-07	2.80E-08	2.80E-15	1.40E-08	3.34E-10	2.46E-10	6.86E-10	2.26E-09	1.33E-08	2.13E-10	4.82E-09	2.45E-07	2.27E-08	2.92E-07
2057	NG_753	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.507	1.83E-06	3.39E-06	Not Modelled	1.91E-07	1.69E-09	9.72E-05	1.83E-07	3.66E-08	3.66E-15	1.83E-08	4.38E-10	3.22E-10	8.97E-10	2.95E-09	1.75E-08	2.79E-10	6.31E-09	3.20E-07	2.97E-08	3.82E-07
2084	NG_780	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.557	2.41E-07	4.45E-07	Not Modelled	1.87E-08	2.23E-10	1.07E-05	2.41E-08	4.81E-09	4.81E-16	2.41E-09	5.75E-11	4.24E-11	1.18E-10	3.88E-10	2.30E-09	3.67E-11	8.29E-10	4.21E-08	3.90E-09	5.02E-08
2085	NG_781	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.557	2.60E-07	4.81E-07	Not Modelled	2.07E-08	2.40E-10	1.17E-05	2.60E-08	5.19E-09	5.19E-16	2.60E-09	6.21E-11	4.58E-11	1.27E-10	4.19E-10	2.48E-09	3.96E-11	8.95E-10	4.55E-08	4.21E-09	5.42E-08
2086	NG_782	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.557	2.82E-07	5.21E-07	Not Modelled	2.29E-08	2.61E-10	1.27E-05	2.82E-08	5.63E-09	5.63E-16	2.82E-09	6.74E-11	4.96E-11	1.38E-10	4.55E-10	2.69E-09	4.30E-11	9.71E-10	4.93E-08	4.57E-09	5.88E-08
2087	NG_783	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.557	3.08E-07	5.70E-07	Not Modelled	2.52E-08	2.85E-10	1.39E-05	3.08E-08	6.16E-09	6.16E-16	3.08E-09	7.36E-11	5.43E-11	1.51E-10	4.97E-10	2.94E-09	4.70E-11	1.06E-09	5.39E-08	4.99E-09	6.42E-08
2088	NG_784	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.557	3.40E-07	6.28E-07	Not Modelled	2.79E-08	3.14E-10	1.54E-05	3.40E-08	6.80E-09	6.80E-16	3.40E-09	8.13E-11	5.99E-11	1.67E-10	5.49E-10	3.24E-09	5.19E-11	1.17E-09	5.95E-08	5.51E-09	7.09E-08
2089	NG_785	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.557	3.81E-07	7.02E-07	Not Modelled	3.12E-08	3.52E-10	1.73E-05	3.80E-08	7.60E-09	7.60E-16	3.80E-09	9.10E-11	6.70E-11	1.86E-10	6.14E-10	3.63E-09	5.81E-11	1.31E-09	6.66E-08	6.17E-09	7.94E-08
2090	NG_786	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.557	4.30E-07	7.91E-07	Not Modelled	3.49E-08	3.97E-10	1.94E-05	4.29E-08	8.59E-09	8.59E-16	4.29E-09	1.03E-10	7.57E-11	2.11E-10	6.93E-10	4.10E-09	6.55E-11	1.48E-09	7.52E-08	6.97E-09	8.96E-08
2091	NG_787	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.557	4.89E-07	9.00E-07	Not Modelled	3.93E-08	4.53E-10	2.20E-05	4.89E-08	9.78E-09	9.78E-16	4.89E-09	1.17E-10	8.62E-11	2.40E-10	7.90E-10	4.67E-09	7.47E-11	1.69E-09	8.56E-08	7.93E-09	1.02E-07
2092	NG_788	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.557	5.66E-07	1.04E-06	Not Modelled	4.50E-08	5.23E-10	2.54E-05	5.65E-08	1.13E-08	1.13E-15	5.66E-09	1.35E-10	9.97E-11	2.77E-10	9.13E-10	5.40E-09	8.63E-11	1.95E-09	9.90E-08	9.17E-09	1.18E-07
2093	NG_789	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.557	6.76E-07	1.24E-06	Not Modelled	5.38E-08	6.25E-10	3.06E-05	6.75E-08	1.35E-08	1.35E-15	6.76E-09	1.62E-10	1.19E-10	3.31E-10	1.09E-09	6.45E-09	1.03E-10	2.33E-09	1.18E-07	1.10E-08	1.41E-07
2094	NG_790	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.557	8.24E-07	1.51E-06	Not Modelled	6.60E-08	7.62E-10	3.77E-05	8.24E-08	1.65E-08	1.65E-15	8.24E-09	1.97E-10	1.45E-10	4.04E-10	1.33E-09	7.86E-09	1.26E-10	2.84E-09	1.44E-07	1.34E-08	1.72E-07
2095	NG_791	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.557	9.91E-07	1.81E-06	Not Modelled	8.12E-08	9.17E-10	4.59E-05	9.91E-08	1.98E-08	1.98E-15	9.91E-09	2.37E-10	1.75E-10	4.86E-10	1.60E-09	9.46E-09	1.51E-10	3.41E-09	1.73E-07	1.61E-08	2.07E-07
2096	NG_792	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.557	1.17E-06	2.15E-06	Not Modelled	1.05E-07	1.08E-09	5.71E-05	1.17E-07	2.34E-08	2.34E-15	1.17E-08	2.80E-10	2.06E-10	5.73E-10	1.89E-09	1.12E-08	1.78E-10	4.03E-09	2.05E-07	1.90E-08	2.44E-07
2097	NG_793	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.557	1.44E-06	2.66E-06	Not Modelled	1.45E-07	1.34E-09	7.55E-05	1.44E-07	2.89E-08	2.89E-15	1.45E-08	3.46E-10	2.55E-10	7.08E-10	2.33E-09	1.38E-08	2.21E-10	4.98E-09	2.53E-07	2.34E-08	3.02E-07
2098	NG_794	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.557	1.89E-06	3.48E-06	Not Modelled	2.05E-07	1.75E-09	1.04E-04	1.89E-07	3.78E-08	3.78E-15	1.89E-08	4.52E-10	3.33E-10	9.27E-10	3.05E-09	1.80E-08	2.88E-10	6.51E-09	3.31E-07	3.07E-08	3.94E-07
2099	NG_795	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.557	2.48E-06	4.58E-06	Not Modelled	2.82E-07	2.30E-09	1.39E-04	2.48E-07	4.96E-08	4.96E-15	2.48E-08	5.93E-10	4.37E-10	1.22E-09	4.00E-09	2.37E-08	3.79E-10	8.55E-09	4.34E-07	4.02E-08	5.18E-07
2125	NG_821	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.607	2.40E-07	4.42E-07	Not Modelled	1.87E-08	2.21E-10	1.06E-05	2.39E-08	4.78E-09	4.78E-16	2.39E-09	5.72E-11	4.21E-11	1.17E-10	3.86E-10	2.28E-09	3.65E-11	8.24E-10	4.19E-08	3.88E-09	4.99E-08
2126	NG_822	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.607	2.59E-07	4.78E-07	Not Modelled	2.07E-08	2.39E-10	1.16E-05	2.59E-08	5.17E-09	5.17E-16	2.59E-09	6.19E-11	4.56E-11	1.27E-10	4.18E-10	2.47E-09	3.95E-11	8.92E-10	4.53E-08	4.20E-09	5.40E-08
2127	NG_823	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.607	2.82E-07	5.21E-07	Not Modelled	2.29E-08	2.60E-10	1.27E-05	2.81E-08	5.63E-09	5.63E-16	2.82E-09	6.73E-11	4.96E-11	1.38E-10	4.55E-10	2.69E-09	4.30E-11	9.70E-10	4.93E-08	4.57E-09	5.87E-08
2128	NG_824	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.607	3.09E-07	5.70E-07	Not Modelled	2.53E-08	2.85E-10	1.40E-05	3.08E-08	6.17E-09	6.17E-16	3.09E-09	7.38E-11	5.44E-11	1.51E-10	4.98E-10	2.94E-09	4.71E-11	1.06E-09	5.40E-08	5.00E-09	6.44E-08
2129	NG_825	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.607	3.41E-07	6.28E-07	Not Modelled	2.78E-08	3.15E-10	1.54E-05	3.40E-08	6.81E-09	6.81E-16	3.40E-09	8.14E-11	6.00E-11	1.67E-10	5.50E-10	3.25E-09	5.20E-11	1.17E-09	5.96E-08	5.52E-09	7.10E-08
2130	NG_826	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.607	3.81E-07	7.02E-07	Not Modelled	3.10E-08	3.52E-10	1.72E-05	3.81E-08	7.61E-09	7.61E-16	3.81E-09	9.11E-11	6.71E-11	1.87E-10	6.15E-10	3.64E-09	5.81E-11	1.31E-09	6.67E-08	6.18E-09	7.95E-08
2131	NG_827	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.607	4.32E-07	7.95E-07	Not Modelled	3.47E-08	4.00E-10	1.95E-05	4.32E-08	8.64E-09	8.64E-16	4.32E-09	1.03E-10	7.61E-11	2.12E-10	6.98E-10	4.12E-09	6.59E-11	1.49E-09	7.56E-08	7.01E-09	9.01E-08
2132	NG_828	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.607	4.95E-07	9.09E-07	Not Modelled	3.91E-08	4.58E-10	2.23E-05	4.95E-08	9.89E-09	9.89E-16	4.95E-09	1.18E-10	8.72E-11	2.43E-10	7.99E-10	4.72E-09	7.55E-11	1.71E-09	8.66E-08	8.03E-09	1.03E-07
2133	NG_829	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.607	5.73E-07	1.05E-06	Not Modelled	4.46E-08	5.30E-10	2.58E-05	5.73E-08	1.15E-08	1.15E-15	5.73E-09	1.37E-10	1.01E-10	2.81E-10	9.25E-10	5.47E-09	8.75E-11	1.97E-09	1.00E-07	9.30E-09	1.20E-07
2134	NG_830	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.607	6.84E-07	1.25E-06	Not Modelled	5.30E-08	6.32E-10	3.09E-05	6.83E-08	1.37E-08	1.37E-15	6.84E-09	1.63E-10	1.20E-10	3.35E-10	1.10E-09	6.52E-09	1.04E-10	2.36E-09	1.20E-07	1.11E-08	1.43E-07
2135	NG_831	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.607	8.33E-07	1.52E-06	Not Modelled	6.49E-08	7.71E-10	3.81E-05	8.33E-08	1.67E-08	1.67E-15	8.33E-09	1.99E-10	1.47E-10	4.08E-10	1.34E-09	7.95E-09	1.27E-10	2.87E-09	1.46E-07	1.35E-08	1.74E-07
2136	NG_832	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.607	1.01E-06	1.84E-06	Not Modelled	8.01E-08	9.31E-10	4.68E-05	1.01E-07	2.01E-08	2.01E-15	1.01E-08	2.41E-10	1.77E-10	4.93E-10	1.62E-09	9.60E-09	1.54E-10	3.47E-09	1.76E-07	1.63E-08	2.10E-07
2137	NG_833	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.607	1.19E-06	2.18E-06	Not Modelled	1.03E-07	1.10E-09	5.83E-05	1.19E-07	2.38E-08	2.38E-15	1.19E-08	2.84E-10	2.09E-10	5.83E-10	1.92E-09	1.13E-08	1.81E-10	4.10E-09	2.08E-07	1.93E-08	2.48E-07
2138	NG_834	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.607	1.45E-06	2.66E-06	Not Modelled	1.41E-07	1.34E-09	7.64E-05	1.45E-07	2.90E-08	2.90E-15	1.45E-08	3.46E-10	2.55E-10	7.10E-10	2.34E-09	1.38E-08	2.21E-10	4.99E-09	2.53E-07	2.35E-08	3.02E-07
2139	NG_835	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.607	1.85E-06	3.40E-06	Not Modelled	1.96E-07	1.71E-09	1.03E-04	1.85E-07	3.69E-08	3.69E-15	1.85E-08	4.42E-10	3.25E-10	9.05E-10	2.98E-09	1.76E-08	2.82E-10	6.36E-09	3.23E-07	3.00E-08	3.85E-07
2140	NG_836	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.607	2.36E-06	4.34E-06	Not Modelled	2.63E-07	2.18E-09	1.36E-04	2.36E-07	4.71E-08	4.71E-15	2.36E-08	5.63E-10	4.15E-10	1.16E-09	3.80E-09	2.25E-08	3.60E-10	8.12E-09	4.12E-07	3.82E-08	4.92E-07
2141	NG_837	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.607	3.08E-06	5.69E-06	Not Modelled	3.69E-07	2.85E-09	1.88E-04	3.08E-07	6.16E-08	6.16E-15	3.08E-08	7.37E-10	5.43E-10	1.51E-09	4.98E-09	2.94E-08	4.71E-10	1.06E-08	5.40E-07	5.00E-08	6.43E-07
2166	NG_862	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.657	2.40E-07	4.43E-07	Not Modelled	1.87E-08	2.22E-10	1.06E-05	2.40E-08	4.79E-09	4.79E-16	2.40E-09	5.73E-11	4.22E-11	1.18E-10	3.87E-10	2.29E-09	3.66E-11	8.26E-10	4.20E-08	3.89E-09	5.00E-08
2167	NG_863	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.657	2.60E-07	4.79E-07	Not Modelled	2.07E-08	2.40E-10	1.16E-05	2.59E-08	5.18E-09	5.18E-16	2.59E-09	6.20E-11	4.57E-11	1.27E-10	4.18E-10	2.47E-09	3.96E-11	8.93E-10	4.54E-08	4.20E-09	5.41E-08
2168	NG_864	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.657	2.82E-07	5.20E-07	Not Modelled	2.28E-08	2.61E-10	1.27E-05	2.82E-08	5.63E-09	5.63E-16	2.82E-09	6.74E-11	4.96E-11	1.38E-10	4.55E-10	2.69E-09	4.30E-11	9.71E-10	4.93E-08	4.57E-09	5.88E-08
2169	NG_865	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.657	3.09E-07	5.69E-07	Not Modelled	2.50E-08	2.86E-10	1.39E-05	3.09E-08	6.17E-09	6.17E-16	3.09E-09	7.38E-11	5.44E-11	1.51E-10	4.98E-10	2.95E-09	4.71E-11	1.06E-09	5.40E-08	5.01E-09	6.44E-08
2170	NG_866	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.657	3.41E-07	6.28E-07	Not Modelled	2.75E-08	3.15E-10	1.53E-05	3.41E-08	6.82E-09	6.82E-16	3.41E-09	8.15E-11	6.01E-11	1.67E-10	5.50E-10	3.25E-09	5.20E-11	1.17E-09	5.97E-08	5.53E-09	7.11E-08
2171	NG_867	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.657	3.81E-07	7.00E-07	Not Modelled	3.04E-08	3.53E-10	1.71E-05	3.81E-08	7.62E-09	7.62E-16	3.81E-09	9.12E-11	6.72E-11	1.87E-10	6.15E-10	3.64E-09	5.82E-11	1.31E-09	6.67E-08	6.18E-09	7.95E-08
2172	NG_868	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.657	4.32E-07	7.93E-07	Not Modelled	3.39E-08	4.00E-10	1.93E-05	4.32E-08	8.64E-09	8.64E-16	4.32E-09	1.03E-10	7.62E-11	2.12E-10	6.98E-10	4.13E-09	6.60E-11	1.49E-09	7.57E-08	7.01E-09	9.02E-08
2173	NG_869	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.657	4.97E-07	9.10E-07	Not Modelled	3.82E-08	4.59E-10	2.22E-05	4.97E-08	9.93E-09	9.93E-16	4.97E-09	1.19E-10	8.75E-11	2.44E-10	8.02E-10	4.74E-09	7.58E-11	1.71E-09	8.69E-08	8.06E-09	1.04E-07
2174	NG_870	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.657	5.75E-07	1.05E-06	Not Modelled	4.32E-08	5.32E-10	2.57E-05	5.75E-08	1.15E-08	1.15E-15	5.75E-09	1.38E-10	1.01E-10	2.82E-10	9.28E-10	5.49E-09	8.78E-11	1.98E-09	1.01E-07	9.33E-09	1.20E-07
2175	NG_871	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.657	6.80E-07	1.24E-06	Not Modelled	5.05E-08	6.29E-10	3.05E-05	6.80E-08	1.36E-08	1.36E-15	6.80E-09	1.63E-10	1.20E-10	3.33E-10	1.10E-09	6.49E-09	1.04E-10	2.34E-09	1.19E-07	1.10E-08	1.42E-07
2176	NG_872	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.657	8.23E-07	1.50E-06	Not Modelled	6.14E-08	7.61E-10	3.73E-05	8.23E-08	1.64E-08	1.64E-15	8.23E-09	1.97E-10	1.45E-10	4.03E-10	1.33E-09	7.85E-09	1.26E-10	2.84E-09	1.44E-07	1.33E-08	1.72E-07
2177	NG_873	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.657	9.96E-07	1.82E-06	Not Modelled	7.56E-08	9.21E-10	4.62E-05	9.95E-08	1.99E-08	1.99E-15	9.96E-09	2.38E-10	1.75E-10	4.88E-10	1.61E-09	9.50E-09	1.52E-10	3.43E-09	1.74E-07	1.61E-08	2.08E-07
2178	NG_874	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.657	1.17E-06	2.15E-06	Not Modelled	9.58E-08	1.08E-09	5.72E-05	1.17E-07	2.34E-08	2.34E-15	1.17E-08	2.80E-10	2.07E-10	5.75E-10	1.89E-09	1.12E-08	1.79E-10	4.04E-09	2.05E-07	1.90E-08	2.45E-07
2179	NG_875	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.657	1.39E-06	2.55E-06	Not Modelled	1.27E-07	1.28E-09	7.27E-05	1.39E-07	2.77E-08	2.77E-15	1.39E-08	3.32E-10	2.44E-10	6.80E-10	2.24E-09	1.32E-08	2.12E-10	4.78E-09	2.43E-07	2.25E-08	2.89E-07
2180	NG_876	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.657	1.69E-06	3.11E-06	Not Modelled	1.70E-07	1.56E-09	9.35E-05	1.69E-07	3.37E-08	3.37E-15	1.69E-08	4.03E-10	2.97E-10	8.27E-10	2.72E-09	1.61E-08	2.57E-10	5.81E-09	2.95E-07	2.73E-08	3.52E-07
2181	NG_877	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.657	2.08E-06	3.83E-06	Not Modelled	2.24E-07	1.92E-09	1.20E-04	2.07E-07	4.15E-08	4.15E-15	2.08E-08	4.96E-10	3.66E-10	1.02E-09	3.35E-09	1.98E-08	3.17E-10	7.15E-09	3.63E-07	3.37E-08	4.33E-07
2182	NG_878	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.657	2.58E-06	4.78E-06	Not Modelled	3.10E-07	2.39E-09	1.58E-04	2.58E-07	5.16E-08	5.16E-15	2.58E-08	6.17E-10	4.55E-10	1.27E-09	4.17E-09	2.46E-08	3.94E-10	8.89E-09	4.52E-07	4.19E-08	5.39E-07
2207	NG_903	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.707	2.42E-07	4.45E-07	Not Modelled	1.86E-08	2.23E-10	1.06E-05	2.41E-08	4.82E-09	4.82E-16	2.41E-09	5.77E-11	4.25E-11	1.18E-10	3.90E-10	2.30E-09	3.68E-11	8.32E-10	4.22E-08	3.91E-09	5.04E-08
2208	NG_904	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.707	2.61E-07	4.81E-07	Not Modelled	2.05E-08	2.41E-10	1.16E-05	2.61E-08	5.22E-09	5.22E-16	2.61E-09	6.24E-11	4.60E-11	1.28E-10	4.21E-10	2.49E-09	3.98E-11	8.99E-10	4.57E-08	4.23E-09	5.44E-08
2209	NG_905	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.707	2.83E-07	5.21E-07	Not Modelled	2.25E-08	2.62E-10	1.26E-05	2.83E-08	5.66E-09	5.66E-16	2.83E-09	6.77E-11	4.99E-11	1.39E-10	4.57E-10	2.70E-09	4.32E-11	9.75E-10	4.95E-08	4.59E-09	5.90E-08
2210	NG_906	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.707	3.10E-07	5.69E-07	Not Modelled	2.46E-08	2.86E-10	1.37E-05	3.09E-08	6.18E-09	6.18E-16	3.09E-09	7.40E-11	5.45E-11	1.52E-10	4.99E-10	2.95E-09	4.72E-11	1.07E-09	5.41E-08	5.02E-09	6.45E-08
2211	NG_907	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.707	3.42E-07	6.27E-07	Not Modelled	2.69E-08	3.16E-10	1.51E-05	3.42E-08	6.83E-09	6.83E-16	3.42E-09	8.17E-11	6.02E-11	1.67E-10	5.51E-10	3.26E-09	5.21E-11	1.18E-09	5.98E-08	5.54E-09	7.13E-08
2212	NG_908	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.707	3.81E-07	6.98E-07	Not Modelled	2.96E-08	3.52E-10	1.68E-05	3.81E-08	7.61E-09	7.61E-16	3.81E-09	9.11E-11	6.71E-11	1.87E-10	6.15E-10	3.64E-09	5.81E-11	1.31E-09	6.67E-08	6.18E-09	7.95E-08
2213	NG_909	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.707	4.32E-07	7.90E-07	Not Modelled	3.29E-08	3.99E-10	1.89E-05	4.32E-08	8.63E-09	8.63E-16	4.32E-09	1.03E-10	7.61E-11	2.12E-10	6.97E-10	4.12E-09	6.59E-11	1.49E-09	7.56E-08	7.00E-09	9.01E-08
2214	NG_910	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.707	4.95E-07	9.04E-07	Not Modelled	3.67E-08	4.58E-10	2.17E-05	4.94E-08	9.89E-09	9.89E-16	4.95E-09	1.18E-10	8.72E-11	2.43E-10	7.99E-10	4.72E-09	7.55E-11	1.70E-09	8.66E-08	8.02E-09	1.03E-07
2215	NG_911	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.707	5.71E-07	1.04E-06	Not Modelled	4.11E-08	5.28E-10	2.50E-05	5.70E-08	1.14E-08	1.14E-15	5.71E-09	1.36E-10	1.01E-10	2.80E-10	9.21E-10	5.45E-09	8.71E-11	1.97E-09	9.99E-08	9.25E-09	1.19E-07
2216	NG_912	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.707	6.64E-07	1.21E-06	Not Modelled	4.69E-08	6.14E-10	2.91E-05	6.64E-08	1.33E-08	1.33E-15	6.64E-09	1.59E-10	1.17E-10	3.26E-10	1.07E-09	6.34E-09	1.01E-10	2.29E-09	1.16E-07	1.08E-08	1.39E-07
2217	NG_913	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.707	7.94E-07	1.45E-06	Not Modelled	5.61E-08	7.35E-10	3.54E-05	7.94E-08	1.59E-08	1.59E-15	7.94E-09	1.90E-10	1.40E-10	3.89E-10	1.28E-09	7.58E-09	1.21E-10	2.74E-09	1.39E-07	1.29E-08	1.66E-07
2218	NG_914	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.707	9.55E-07	1.74E-06	Not Modelled	6.86E-08	8.83E-10	4.37E-05	9.55E-08	1.91E-08	1.91E-15	9.55E-09	2.28E-10	1.68E-10	4.68E-10	1.54E-09	9.11E-09	1.46E-10	3.29E-09	1.67E-07	1.55E-08	1.99E-07
2219	NG_915	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.707	1.11E-06	2.04E-06	Not Modelled	8.47E-08	1.03E-09	5.33E-05	1.11E-07	2.23E-08	2.23E-15	1.11E-08	2.67E-10	1.96E-10	5.46E-10	1.80E-09	1.06E-08	1.70E-10	3.84E-09	1.95E-07	1.81E-08	2.33E-07
2220	NG_916	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.707	1.27E-06	2.33E-06	Not Modelled	1.08E-07	1.17E-09	6.47E-05	1.27E-07	2.54E-08	2.54E-15	1.27E-08	3.04E-10	2.24E-10	6.22E-10	2.05E-09	1.21E-08	1.94E-10	4.37E-09	2.22E-07	2.06E-08	2.65E-07
2221	NG_917	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.707	1.47E-06	2.70E-06	Not Modelled	1.39E-07	1.36E-09	7.94E-05	1.47E-07	2.93E-08	2.93E-15	1.47E-08	3.51E-10	2.58E-10	7.19E-10	2.37E-09	1.40E-08	2.24E-10	5.05E-09	2.57E-07	2.38E-08	3.06E-07
2222	NG_918	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.707	1.75E-06	3.23E-06	Not Modelled	1.86E-07	1.62E-09	9.96E-05	1.75E-07	3.49E-08	3.49E-15	1.75E-08	4.18E-10	3.08E-10	8.56E-10	2.82E-09	1.67E-08	2.67E-10	6.02E-09	3.06E-07	2.83E-08	3.64E-07
2223	NG_919	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.707	2.15E-06	4.00E-06	Not Modelled	2.67E-07	1.99E-09	1.30E-04	2.15E-07	4.30E-08	4.30E-15	2.15E-08	5.15E-10	3.79E-10	1.06E-09	3.47E-09	2.05E-08	3.28E-10	7.42E-09	3.77E-07	3.49E-08	4.49E-07
2248	NG_944	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.757	2.43E-07	4.45E-07	Not Modelled	1.83E-08	2.24E-10	1.04E-05	2.42E-08	4.85E-09	4.85E-16	2.42E-09	5.80E-11	4.27E-11	1.19E-10	3.91E-10	2.31E-09	3.70E-11	8.35E-10	4.24E-08	3.93E-09	5.06E-08
2249	NG_945	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.757	2.62E-07	4.80E-07	Not Modelled	2.00E-08	2.42E-10	1.13E-05	2.62E-08	5.23E-09	5.23E-16	2.62E-09	6.26E-11	4.61E-11	1.28E-10	4.22E-10	2.50E-09	3.99E-11	9.02E-10	4.58E-08	4.24E-09	5.46E-08
2250	NG_946	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.757	2.84E-07	5.21E-07	Not Modelled	2.19E-08	2.63E-10	1.23E-05	2.84E-08	5.67E-09	5.67E-16	2.84E-09	6.79E-11	5.00E-11	1.39E-10	4.58E-10	2.71E-09	4.33E-11	9.78E-10	4.97E-08	4.60E-09	5.92E-08

AQIA DATA - SCENARIO 2 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**3.08E-06**	**5.69E-06**	**0.00E+00**	**3.69E-07**	**2.85E-09**	**1.88E-04**	**3.08E-07**	**6.16E-08**	**6.16E-15**	**3.08E-08**	**7.37E-10**	**5.43E-10**	**1.51E-09**	**4.98E-09**	**2.94E-08**	**4.71E-10**	**1.06E-08**	**5.40E-07**	**5.00E-08**	**6.43E-07**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2251	NG_947	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.757	3.10E-07	5.68E-07	Not Modelled	2.39E-08	2.87E-10	1.34E-05	3.10E-08	6.20E-09	6.20E-16	3.10E-09	7.41E-11	5.46E-11	1.52E-10	5.00E-10	2.96E-09	4.73E-11	1.07E-09	5.43E-08	5.03E-09	6.47E-08
2252	NG_948	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.757	3.42E-07	6.26E-07	Not Modelled	2.61E-08	3.16E-10	1.47E-05	3.42E-08	6.84E-09	6.84E-16	3.42E-09	8.18E-11	6.03E-11	1.68E-10	5.52E-10	3.26E-09	5.22E-11	1.18E-09	5.98E-08	5.55E-09	7.13E-08
2253	NG_949	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.757	3.81E-07	6.96E-07	Not Modelled	2.86E-08	3.53E-10	1.64E-05	3.81E-08	7.62E-09	7.62E-16	3.81E-09	9.12E-11	6.72E-11	1.87E-10	6.15E-10	3.64E-09	5.82E-11	1.31E-09	6.67E-08	6.18E-09	7.95E-08
2254	NG_950	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.757	4.30E-07	7.84E-07	Not Modelled	3.15E-08	3.98E-10	1.84E-05	4.30E-08	8.60E-09	8.60E-16	4.30E-09	1.03E-10	7.58E-11	2.11E-10	6.94E-10	4.11E-09	6.56E-11	1.48E-09	7.53E-08	6.98E-09	8.97E-08
2255	NG_951	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.757	4.90E-07	8.93E-07	Not Modelled	3.49E-08	4.54E-10	2.09E-05	4.90E-08	9.80E-09	9.80E-16	4.90E-09	1.17E-10	8.64E-11	2.40E-10	7.92E-10	4.68E-09	7.48E-11	1.69E-09	8.58E-08	7.95E-09	1.02E-07
2256	NG_952	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.757	5.62E-07	1.02E-06	Not Modelled	3.87E-08	5.20E-10	2.39E-05	5.62E-08	1.12E-08	1.12E-15	5.62E-09	1.34E-10	9.90E-11	2.75E-10	9.07E-10	5.36E-09	8.57E-11	1.94E-09	9.83E-08	9.11E-09	1.17E-07
2257	NG_953	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.757	6.48E-07	1.18E-06	Not Modelled	4.34E-08	5.99E-10	2.77E-05	6.48E-08	1.30E-08	1.30E-15	6.48E-09	1.55E-10	1.14E-10	3.18E-10	1.05E-09	6.18E-09	9.89E-11	2.23E-09	1.13E-07	1.05E-08	1.35E-07
2258	NG_954	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.757	7.59E-07	1.38E-06	Not Modelled	5.05E-08	7.02E-10	3.29E-05	7.59E-08	1.52E-08	1.52E-15	7.59E-09	1.82E-10	1.34E-10	3.72E-10	1.23E-09	7.24E-09	1.16E-10	2.62E-09	1.33E-07	1.23E-08	1.58E-07
2259	NG_955	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.757	8.93E-07	1.62E-06	Not Modelled	6.05E-08	8.26E-10	3.98E-05	8.93E-08	1.79E-08	1.79E-15	8.93E-09	2.14E-10	1.57E-10	4.38E-10	1.44E-09	8.53E-09	1.36E-10	3.08E-09	1.56E-07	1.45E-08	1.86E-07
2260	NG_956	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.757	1.03E-06	1.87E-06	Not Modelled	7.29E-08	9.51E-10	4.74E-05	1.03E-07	2.05E-08	2.05E-15	1.03E-08	2.46E-10	1.81E-10	5.04E-10	1.66E-09	9.81E-09	1.57E-10	3.54E-09	1.80E-07	1.67E-08	2.14E-07
2261	NG_957	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.757	1.14E-06	2.09E-06	Not Modelled	8.93E-08	1.06E-09	5.54E-05	1.14E-07	2.29E-08	2.29E-15	1.14E-08	2.73E-10	2.02E-10	5.61E-10	1.85E-09	1.09E-08	1.75E-10	3.94E-09	2.00E-07	1.85E-08	2.39E-07
2262	NG_958	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.757	1.28E-06	2.35E-06	Not Modelled	1.14E-07	1.18E-09	6.58E-05	1.28E-07	2.55E-08	2.55E-15	1.28E-08	3.05E-10	2.25E-10	6.26E-10	2.06E-09	1.22E-08	1.95E-10	4.40E-09	2.24E-07	2.07E-08	2.67E-07
2263	NG_959	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.757	1.49E-06	2.76E-06	Not Modelled	1.56E-07	1.38E-09	8.17E-05	1.49E-07	2.98E-08	2.98E-15	1.49E-08	3.57E-10	2.63E-10	7.32E-10	2.41E-09	1.42E-08	2.28E-10	5.14E-09	2.61E-07	2.42E-08	3.11E-07
2264	NG_960	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.757	1.82E-06	3.39E-06	Not Modelled	2.25E-07	1.68E-09	1.05E-04	1.82E-07	3.63E-08	3.63E-15	1.82E-08	4.35E-10	3.20E-10	8.91E-10	2.93E-09	1.73E-08	2.77E-10	6.26E-09	3.18E-07	2.95E-08	3.79E-07
2289	NG_985	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.807	2.43E-07	4.43E-07	Not Modelled	1.77E-08	2.24E-10	1.00E-05	2.42E-08	4.84E-09	4.84E-16	2.42E-09	5.79E-11	4.27E-11	1.19E-10	3.91E-10	2.31E-09	3.70E-11	8.35E-10	4.24E-08	3.93E-09	5.06E-08
2290	NG_986	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.807	2.61E-07	4.76E-07	Not Modelled	1.93E-08	2.41E-10	1.08E-05	2.61E-08	5.21E-09	5.21E-16	2.61E-09	6.23E-11	4.59E-11	1.28E-10	4.21E-10	2.49E-09	3.98E-11	8.98E-10	4.56E-08	4.23E-09	5.44E-08
2291	NG_987	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.807	2.83E-07	5.17E-07	Not Modelled	2.10E-08	2.62E-10	1.18E-05	2.83E-08	5.66E-09	5.66E-16	2.83E-09	6.77E-11	4.99E-11	1.39E-10	4.57E-10	2.70E-09	4.32E-11	9.76E-10	4.96E-08	4.59E-09	5.91E-08
2292	NG_988	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.807	3.11E-07	5.67E-07	Not Modelled	2.30E-08	2.88E-10	1.30E-05	3.11E-08	6.22E-09	6.22E-16	3.11E-09	7.44E-11	5.48E-11	1.52E-10	5.02E-10	2.97E-09	4.75E-11	1.07E-09	5.44E-08	5.04E-09	6.49E-08
2293	NG_989	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.807	3.42E-07	6.23E-07	Not Modelled	2.50E-08	3.17E-10	1.42E-05	3.42E-08	6.84E-09	6.84E-16	3.42E-09	8.18E-11	6.03E-11	1.68E-10	5.52E-10	3.27E-09	5.22E-11	1.18E-09	5.99E-08	5.55E-09	7.14E-08
2294	NG_990	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.807	3.80E-07	6.90E-07	Not Modelled	2.72E-08	3.51E-10	1.57E-05	3.80E-08	7.59E-09	7.59E-16	3.80E-09	9.08E-11	6.69E-11	1.86E-10	6.13E-10	3.63E-09	5.80E-11	1.31E-09	6.65E-08	6.16E-09	7.92E-08
2295	NG_991	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.807	4.27E-07	7.74E-07	Not Modelled	2.99E-08	3.95E-10	1.76E-05	4.27E-08	8.54E-09	8.54E-16	4.27E-09	1.02E-10	7.53E-11	2.09E-10	6.89E-10	4.08E-09	6.52E-11	1.47E-09	7.47E-08	6.93E-09	8.91E-08
2296	NG_992	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.807	4.88E-07	8.83E-07	Not Modelled	3.32E-08	4.51E-10	2.01E-05	4.88E-08	9.75E-09	9.75E-16	4.88E-09	1.17E-10	8.60E-11	2.39E-10	7.88E-10	4.66E-09	7.45E-11	1.68E-09	8.54E-08	7.91E-09	1.02E-07
2297	NG_993	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.807	5.55E-07	1.00E-06	Not Modelled	3.65E-08	5.13E-10	2.28E-05	5.55E-08	1.11E-08	1.11E-15	5.55E-09	1.33E-10	9.78E-11	2.72E-10	8.96E-10	5.30E-09	8.47E-11	1.91E-09	9.71E-08	9.00E-09	1.16E-07
2298	NG_994	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.807	6.33E-07	1.14E-06	Not Modelled	4.02E-08	5.86E-10	2.61E-05	6.33E-08	1.27E-08	1.27E-15	6.33E-09	1.51E-10	1.12E-10	3.11E-10	1.02E-09	6.05E-09	9.67E-11	2.18E-09	1.11E-07	1.03E-08	1.32E-07
2299	NG_995	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.807	7.24E-07	1.31E-06	Not Modelled	4.53E-08	6.70E-10	3.01E-05	7.24E-08	1.45E-08	1.45E-15	7.24E-09	1.73E-10	1.28E-10	3.55E-10	1.17E-09	6.91E-09	1.11E-10	2.50E-09	1.27E-07	1.17E-08	1.51E-07
2300	NG_996	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.807	8.35E-07	1.51E-06	Not Modelled	5.29E-08	7.72E-10	3.56E-05	8.35E-08	1.67E-08	1.67E-15	8.35E-09	2.00E-10	1.47E-10	4.09E-10	1.35E-09	7.97E-09	1.27E-10	2.88E-09	1.46E-07	1.35E-08	1.74E-07
2301	NG_997	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.807	9.49E-07	1.72E-06	Not Modelled	6.30E-08	8.78E-10	4.17E-05	9.49E-08	1.90E-08	1.90E-15	9.50E-09	2.27E-10	1.67E-10	4.65E-10	1.53E-09	9.06E-09	1.45E-10	3.27E-09	1.66E-07	1.54E-08	1.98E-07
2302	NG_998	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.807	1.06E-06	1.92E-06	Not Modelled	7.65E-08	9.79E-10	4.83E-05	1.06E-07	2.12E-08	2.12E-15	1.06E-08	2.53E-10	1.86E-10	5.19E-10	1.71E-09	1.01E-08	1.61E-10	3.65E-09	1.85E-07	1.72E-08	2.21E-07
2303	NG_999	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.807	1.18E-06	2.16E-06	Not Modelled	9.80E-08	1.09E-09	5.65E-05	1.18E-07	2.35E-08	2.35E-15	1.18E-08	2.82E-10	2.07E-10	5.77E-10	1.90E-09	1.12E-08	1.80E-10	4.06E-09	2.06E-07	1.91E-08	2.46E-07
2304	NG_1000	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.807	1.35E-06	2.49E-06	Not Modelled	1.34E-07	1.25E-09	6.88E-05	1.35E-07	2.69E-08	2.69E-15	1.35E-08	3.22E-10	2.37E-10	6.60E-10	2.17E-09	1.29E-08	2.06E-10	4.64E-09	2.36E-07	2.18E-08	2.81E-07
2305	NG_1001	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.807	1.57E-06	2.93E-06	Not Modelled	1.86E-07	1.46E-09	8.51E-05	1.57E-07	3.15E-08	3.15E-15	1.57E-08	3.76E-10	2.77E-10	7.71E-10	2.54E-09	1.50E-08	2.40E-10	5.42E-09	2.75E-07	2.55E-08	3.28E-07
2306	NG_1002	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.807	1.77E-06	3.31E-06	Not Modelled	2.42E-07	1.64E-09	9.90E-05	1.77E-07	3.53E-08	3.53E-15	1.77E-08	4.23E-10	3.11E-10	8.67E-10	2.85E-09	1.69E-08	2.70E-10	6.09E-09	3.09E-07	2.87E-08	3.69E-07
2330	NG_1026	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.857	2.43E-07	4.41E-07	Not Modelled	1.70E-08	2.25E-10	9.60E-06	2.43E-08	4.86E-09	4.86E-16	2.43E-09	5.82E-11	4.28E-11	1.19E-10	3.93E-10	2.32E-09	3.71E-11	8.38E-10	4.26E-08	3.94E-09	5.07E-08
2331	NG_1027	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.857	2.61E-07	4.74E-07	Not Modelled	1.84E-08	2.42E-10	1.03E-05	2.61E-08	5.22E-09	5.22E-16	2.61E-09	6.25E-11	4.60E-11	1.28E-10	4.22E-10	2.49E-09	3.99E-11	9.00E-10	4.57E-08	4.24E-09	5.45E-08
2332	NG_1028	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.857	2.85E-07	5.16E-07	Not Modelled	2.02E-08	2.63E-10	1.13E-05	2.84E-08	5.69E-09	5.69E-16	2.85E-09	6.80E-11	5.01E-11	1.39E-10	4.59E-10	2.72E-09	4.34E-11	9.81E-10	4.98E-08	4.61E-09	5.94E-08
2333	NG_1029	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.857	3.12E-07	5.65E-07	Not Modelled	2.20E-08	2.89E-10	1.24E-05	3.12E-08	6.24E-09	6.24E-16	3.12E-09	7.46E-11	5.50E-11	1.53E-10	5.04E-10	2.98E-09	4.76E-11	1.08E-09	5.46E-08	5.06E-09	6.51E-08
2334	NG_1030	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.857	3.44E-07	6.20E-07	Not Modelled	2.39E-08	3.18E-10	1.36E-05	3.43E-08	6.86E-09	6.86E-16	3.43E-09	8.21E-11	6.05E-11	1.68E-10	5.54E-10	3.28E-09	5.24E-11	1.18E-09	6.01E-08	5.57E-09	7.16E-08
2335	NG_1031	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.857	3.79E-07	6.83E-07	Not Modelled	2.58E-08	3.51E-10	1.48E-05	3.79E-08	7.58E-09	7.58E-16	3.79E-09	9.07E-11	6.68E-11	1.86E-10	6.12E-10	3.62E-09	5.79E-11	1.31E-09	6.63E-08	6.15E-09	7.91E-08
2336	NG_1032	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.857	4.26E-07	7.65E-07	Not Modelled	2.82E-08	3.94E-10	1.66E-05	4.26E-08	8.51E-09	8.51E-16	4.26E-09	1.02E-10	7.50E-11	2.09E-10	6.87E-10	4.06E-09	6.50E-11	1.47E-09	7.45E-08	6.90E-09	8.88E-08
2337	NG_1033	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.857	4.85E-07	8.71E-07	Not Modelled	3.12E-08	4.49E-10	1.90E-05	4.85E-08	9.70E-09	9.70E-16	4.85E-09	1.16E-10	8.55E-11	2.38E-10	7.83E-10	4.63E-09	7.41E-11	1.67E-09	8.49E-08	7.87E-09	1.01E-07
2338	NG_1034	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.857	5.52E-07	9.90E-07	Not Modelled	3.44E-08	5.11E-10	2.17E-05	5.52E-08	1.10E-08	1.10E-15	5.52E-09	1.32E-10	9.73E-11	2.71E-10	8.91E-10	5.27E-09	8.43E-11	1.90E-09	9.67E-08	8.96E-09	1.15E-07
2339	NG_1035	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.857	6.23E-07	1.11E-06	Not Modelled	3.73E-08	5.76E-10	2.43E-05	6.22E-08	1.24E-08	1.24E-15	6.23E-09	1.49E-10	1.10E-10	3.05E-10	1.01E-09	5.94E-09	9.50E-11	2.15E-09	1.09E-07	1.01E-08	1.30E-07
2340	NG_1036	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.857	7.02E-07	1.25E-06	Not Modelled	4.09E-08	6.50E-10	2.74E-05	7.02E-08	1.40E-08	1.40E-15	7.02E-09	1.68E-10	1.24E-10	3.44E-10	1.13E-09	6.70E-09	1.07E-10	2.42E-09	1.23E-07	1.14E-08	1.47E-07
2341	NG_1037	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.857	7.98E-07	1.43E-06	Not Modelled	4.66E-08	7.38E-10	3.18E-05	7.98E-08	1.60E-08	1.60E-15	7.98E-09	1.91E-10	1.41E-10	3.91E-10	1.29E-09	7.62E-09	1.22E-10	2.75E-09	1.40E-07	1.29E-08	1.67E-07
2342	NG_1038	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.857	9.06E-07	1.63E-06	Not Modelled	5.53E-08	8.38E-10	3.71E-05	9.06E-08	1.81E-08	1.81E-15	9.06E-09	2.17E-10	1.60E-10	4.44E-10	1.46E-09	8.65E-09	1.38E-10	3.12E-09	1.59E-07	1.47E-08	1.89E-07
2343	NG_1039	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.857	1.02E-06	1.85E-06	Not Modelled	6.82E-08	9.48E-10	4.34E-05	1.02E-07	2.05E-08	2.05E-15	1.02E-08	2.45E-10	1.81E-10	5.02E-10	1.65E-09	9.78E-09	1.56E-10	3.53E-09	1.79E-07	1.66E-08	2.14E-07
2344	NG_1040	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.857	1.15E-06	2.10E-06	Not Modelled	8.76E-08	1.07E-09	5.09E-05	1.15E-07	2.30E-08	2.30E-15	1.15E-08	2.75E-10	2.03E-10	5.65E-10	1.86E-09	1.10E-08	1.76E-10	3.97E-09	2.02E-07	1.87E-08	2.40E-07
2345	NG_1041	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.857	1.29E-06	2.37E-06	Not Modelled	1.16E-07	1.19E-09	6.01E-05	1.29E-07	2.58E-08	2.58E-15	1.29E-08	3.09E-10	2.27E-10	6.33E-10	2.08E-09	1.23E-08	1.97E-10	4.45E-09	2.26E-07	2.09E-08	2.69E-07
2346	NG_1042	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.857	1.43E-06	2.64E-06	Not Modelled	1.52E-07	1.32E-09	7.04E-05	1.43E-07	2.85E-08	2.85E-15	1.43E-08	3.41E-10	2.52E-10	7.00E-10	2.30E-09	1.36E-08	2.18E-10	4.92E-09	2.50E-07	2.31E-08	2.98E-07
2347	NG_1043	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.857	1.52E-06	2.83E-06	Not Modelled	1.86E-07	1.41E-09	7.81E-05	1.52E-07	3.04E-08	3.04E-15	1.52E-08	3.64E-10	2.68E-10	7.47E-10	2.46E-09	1.45E-08	2.32E-10	5.25E-09	2.67E-07	2.47E-08	3.18E-07
2371	NG_1067	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.907	2.47E-07	4.45E-07	Not Modelled	1.64E-08	2.28E-10	9.29E-06	2.47E-08	4.93E-09	4.93E-16	2.47E-09	5.90E-11	4.35E-11	1.21E-10	3.98E-10	2.36E-09	3.77E-11	8.50E-10	4.32E-08	4.00E-09	5.15E-08
2372	NG_1068	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.907	2.65E-07	4.77E-07	Not Modelled	1.77E-08	2.45E-10	9.97E-06	2.65E-08	5.30E-09	5.30E-16	2.65E-09	6.34E-11	4.67E-11	1.30E-10	4.28E-10	2.53E-09	4.04E-11	9.13E-10	4.64E-08	4.30E-09	5.53E-08
2373	NG_1069	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.907	2.88E-07	5.18E-07	Not Modelled	1.93E-08	2.67E-10	1.09E-05	2.88E-08	5.76E-09	5.76E-16	2.88E-09	6.89E-11	5.08E-11	1.41E-10	4.65E-10	2.75E-09	4.40E-11	9.93E-10	5.04E-08	4.67E-09	6.01E-08
2374	NG_1070	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.907	3.16E-07	5.67E-07	Not Modelled	2.10E-08	2.92E-10	1.19E-05	3.16E-08	6.31E-09	6.31E-16	3.16E-09	7.55E-11	5.56E-11	1.55E-10	5.10E-10	3.01E-09	4.82E-11	1.09E-09	5.53E-08	5.12E-09	6.59E-08
2375	NG_1071	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.907	3.47E-07	6.21E-07	Not Modelled	2.27E-08	3.21E-10	1.30E-05	3.47E-08	6.94E-09	6.94E-16	3.47E-09	8.30E-11	6.11E-11	1.70E-10	5.60E-10	3.31E-09	5.30E-11	1.20E-09	6.07E-08	5.63E-09	7.24E-08
2376	NG_1072	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.907	3.83E-07	6.82E-07	Not Modelled	2.44E-08	3.54E-10	1.41E-05	3.82E-08	7.64E-09	7.64E-16	3.82E-09	9.15E-11	6.74E-11	1.87E-10	6.17E-10	3.65E-09	5.84E-11	1.32E-09	6.69E-08	6.20E-09	7.98E-08
2377	NG_1073	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.907	4.28E-07	7.61E-07	Not Modelled	2.66E-08	3.96E-10	1.56E-05	4.28E-08	8.55E-09	8.55E-16	4.28E-09	1.02E-10	7.54E-11	2.10E-10	6.91E-10	4.08E-09	6.53E-11	1.47E-09	7.49E-08	6.94E-09	8.93E-08
2378	NG_1074	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.907	4.86E-07	8.63E-07	Not Modelled	2.92E-08	4.49E-10	1.78E-05	4.86E-08	9.71E-09	9.71E-16	4.86E-09	1.16E-10	8.56E-11	2.38E-10	7.84E-10	4.64E-09	7.41E-11	1.67E-09	8.50E-08	7.88E-09	1.01E-07
2379	NG_1075	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.907	5.53E-07	9.80E-07	Not Modelled	3.20E-08	5.11E-10	2.02E-05	5.53E-08	1.10E-08	1.10E-15	5.53E-09	1.32E-10	9.74E-11	2.71E-10	8.92E-10	5.28E-09	8.44E-11	1.90E-09	9.67E-08	8.96E-09	1.15E-07
2380	NG_1076	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.907	6.21E-07	1.10E-06	Not Modelled	3.44E-08	5.74E-10	2.23E-05	6.21E-08	1.24E-08	1.24E-15	6.21E-09	1.49E-10	1.09E-10	3.04E-10	1.00E-09	5.93E-09	9.48E-11	2.14E-09	1.09E-07	1.01E-08	1.30E-07
2381	NG_1077	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.907	7.00E-07	1.24E-06	Not Modelled	3.74E-08	6.48E-10	2.49E-05	7.00E-08	1.40E-08	1.40E-15	7.00E-09	1.67E-10	1.23E-10	3.43E-10	1.13E-09	6.68E-09	1.07E-10	2.41E-09	1.23E-07	1.14E-08	1.46E-07
2382	NG_1078	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.907	7.97E-07	1.41E-06	Not Modelled	4.21E-08	7.38E-10	2.86E-05	7.97E-08	1.59E-08	1.59E-15	7.97E-09	1.91E-10	1.41E-10	3.91E-10	1.29E-09	7.61E-09	1.22E-10	2.75E-09	1.40E-07	1.29E-08	1.66E-07
2383	NG_1079	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.907	9.11E-07	1.62E-06	Not Modelled	4.99E-08	8.43E-10	3.34E-05	9.11E-08	1.82E-08	1.82E-15	9.11E-09	2.18E-10	1.61E-10	4.47E-10	1.47E-09	8.69E-09	1.39E-10	3.14E-09	1.59E-07	1.48E-08	1.90E-07
2384	NG_1080	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.907	1.04E-06	1.85E-06	Not Modelled	6.19E-08	9.58E-10	3.92E-05	1.04E-07	2.07E-08	2.07E-15	1.04E-08	2.48E-10	1.82E-10	5.08E-10	1.67E-09	9.88E-09	1.58E-10	3.57E-09	1.81E-07	1.68E-08	2.16E-07
2385	NG_1081	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.907	1.16E-06	2.10E-06	Not Modelled	7.92E-08	1.08E-09	4.62E-05	1.16E-07	2.33E-08	2.33E-15	1.17E-08	2.79E-10	2.05E-10	5.71E-10	1.88E-09	1.11E-08	1.78E-10	4.02E-09	2.04E-07	1.89E-08	2.43E-07
2386	NG_1082	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.907	1.28E-06	2.33E-06	Not Modelled	1.01E-07	1.18E-09	5.35E-05	1.28E-07	2.56E-08	2.56E-15	1.28E-08	3.06E-10	2.26E-10	6.28E-10	2.07E-09	1.22E-08	1.95E-10	4.41E-09	2.24E-07	2.08E-08	2.67E-07
2387	NG_1083	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.907	1.36E-06	2.49E-06	Not Modelled	1.25E-07	1.26E-09	6.00E-05	1.36E-07	2.73E-08	2.73E-15	1.36E-08	3.26E-10	2.40E-10	6.69E-10	2.20E-09	1.30E-08	2.08E-10	4.70E-09	2.39E-07	2.21E-08	2.85E-07
2412	NG_1108	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.957	2.53E-07	4.53E-07	Not Modelled	1.59E-08	2.34E-10	9.06E-06	2.53E-08	5.06E-09	5.06E-16	2.53E-09	6.05E-11	4.46E-11	1.24E-10	4.08E-10	2.41E-09	3.86E-11	8.71E-10	4.43E-08	4.10E-09	5.28E-08
2413	NG_1109	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.957	2.72E-07	4.86E-07	Not Modelled	1.71E-08	2.51E-10	9.73E-06	2.72E-08	5.43E-09	5.43E-16	2.72E-09	6.50E-11	4.79E-11	1.33E-10	4.39E-10	2.59E-09	4.15E-11	9.37E-10	4.76E-08	4.41E-09	5.67E-08
2414	NG_1110	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.957	2.95E-07	5.26E-07	Not Modelled	1.86E-08	2.73E-10	1.06E-05	2.95E-08	5.89E-09	5.89E-16	2.95E-09	7.05E-11	5.20E-11	1.45E-10	4.76E-10	2.81E-09	4.50E-11	1.02E-09	5.16E-08	4.78E-09	6.15E-08
2415	NG_1111	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.957	3.22E-07	5.72E-07	Not Modelled	2.01E-08	2.98E-10	1.15E-05	3.22E-08	6.43E-09	6.43E-16	3.22E-09	7.69E-11	5.67E-11	1.58E-10	5.19E-10	3.07E-09	4.91E-11	1.11E-09	5.63E-08	5.22E-09	6.71E-08
2416	NG_1112	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.957	3.54E-07	6.27E-07	Not Modelled	2.17E-08	3.27E-10	1.24E-05	3.53E-08	7.06E-09	7.06E-16	3.53E-09	8.45E-11	6.23E-11	1.73E-10	5.70E-10	3.37E-09	5.39E-11	1.22E-09	6.18E-08	5.73E-09	7.37E-08
2417	NG_1113	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.957	3.90E-07	6.89E-07	Not Modelled	2.33E-08	3.61E-10	1.35E-05	3.90E-08	7.80E-09	7.80E-16	3.90E-09	9.33E-11	6.88E-11	1.91E-10	6.30E-10	3.73E-09	5.96E-11	1.35E-09	6.83E-08	6.33E-09	8.14E-08
2418	NG_1114	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.957	4.36E-07	7.67E-07	Not Modelled	2.51E-08	4.03E-10	1.48E-05	4.36E-08	8.71E-09	8.71E-16	4.36E-09	1.04E-10	7.68E-11	2.14E-10	7.04E-10	4.16E-09	6.65E-11	1.50E-09	7.63E-08	7.07E-09	9.09E-08
2419	NG_1115	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.957	4.92E-07	8.63E-07	Not Modelled	2.71E-08	4.55E-10	1.65E-05	4.91E-08	9.82E-09	9.82E-16	4.92E-09	1.18E-10	8.66E-11	2.41E-10	7.93E-10	4.69E-09	7.50E-11	1.69E-09	8.60E-08	7.97E-09	1.03E-07
2420	NG_1116	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.957	5.58E-07	9.77E-07	Not Modelled	2.94E-08	5.16E-10	1.84E-05	5.58E-08	1.12E-08	1.12E-15	5.58E-09	1.33E-10	9.83E-11	2.74E-10	9.01E-10	5.32E-09	8.51E-11	1.92E-09	9.76E-08	9.05E-09	1.16E-07
2421	NG_1117	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.957	6.35E-07	1.11E-06	Not Modelled	3.18E-08	5.87E-10	2.05E-05	6.34E-08	1.27E-08	1.27E-15	6.35E-09	1.52E-10	1.12E-10	3.11E-10	1.02E-09	6.06E-09	9.69E-11	2.19E-09	1.11E-07	1.03E-08	1.32E-07
2422	NG_1118	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.957	7.27E-07	1.27E-06	Not Modelled	3.48E-08	6.73E-10	2.29E-05	7.27E-08	1.45E-08	1.45E-15	7.27E-09	1.74E-10	1.28E-10	3.56E-10	1.17E-09	6.94E-09	1.11E-10	2.51E-09	1.27E-07	1.18E-08	1.52E-07
2423	NG_1119	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.957	8.38E-07	1.47E-06	Not Modelled	3.93E-08	7.75E-10	2.62E-05	8.38E-08	1.68E-08	1.68E-15	8.38E-09	2.00E-10	1.48E-10	4.11E-10	1.35E-09	8.00E-09	1.28E-10	2.89E-09	1.47E-07	1.36E-08	1.75E-07
2424	NG_1120	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.957	9.61E-07	1.69E-06	Not Modelled	4.63E-08	8.89E-10	3.03E-05	9.61E-08	1.92E-08	1.92E-15	9.61E-09	2.30E-10	1.69E-10	4.71E-10	1.55E-09	9.17E-09	1.47E-10	3.31E-09	1.68E-07	1.56E-08	2.01E-07
2425	NG_1121	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.957	1.09E-06	1.94E-06	Not Modelled	5.69E-08	1.01E-09	3.55E-05	1.09E-07	2.18E-08	2.18E-15	1.09E-08	2.61E-10	1.92E-10	5.35E-10	1.76E-09	1.04E-08	1.66E-10	3.76E-09	1.91E-07	1.77E-08	2.27E-07
2426	NG_1122	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.957	1.21E-06	2.17E-06	Not Modelled	7.11E-08	1.12E-09	4.15E-05	1.21E-07	2.42E-08	2.42E-15	1.21E-08	2.90E-10	2.14E-10	5.94E-10	1.96E-09	1.16E-08	1.85E-10	4.18E-09	2.12E-07	1.97E-08	2.53E-07
2427	NG_1123	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.957	1.30E-06	2.34E-06	Not Modelled	8.78E-08	1.21E-09	4.73E-05	1.30E-07	2.61E-08	2.61E-15	1.30E-08	3.12E-10	2.30E-10	6.39E-10	2.11E-09	1.24E-08	1.99E-10	4.49E-09	2.28E-07	2.11E-08	2.72E-07
2428	NG_1124	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.957	1.35E-06	2.44E-06	Not Modelled	1.04E-07	1.25E-09	5.17E-05	1.35E-07	2.71E-08	2.71E-15	1.35E-08	3.24E-10	2.39E-10	6.64E-10	2.19E-09	1.29E-08	2.07E-10	4.67E-09	2.37E-07	2.20E-08	2.83E-07
2453	NG_1149	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.007	2.61E-07	4.64E-07	Not Modelled	1.54E-08	2.41E-10	8.88E-06	2.61E-08	5.22E-09	5.22E-16	2.61E-09	6.24E-11	4.60E-11	1.28E-10	4.21E-10	2.49E-09	3.98E-11	9.00E-10	4.57E-08	4.23E-09	5.45E-08

AQIA DATA - SCENARIO 2 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**3.08E-06**	**5.69E-06**	**0.00E+00**	**3.69E-07**	**2.85E-09**	**1.88E-04**	**3.08E-07**	**6.16E-08**	**6.16E-15**	**3.08E-08**	**7.37E-10**	**5.43E-10**	**1.51E-09**	**4.98E-09**	**2.94E-08**	**4.71E-10**	**1.06E-08**	**5.40E-07**	**5.00E-08**	**6.43E-07**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2454	NG_1150	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.007	2.81E-07	4.97E-07	Not Modelled	1.66E-08	2.59E-10	9.51E-06	2.80E-08	5.60E-09	5.60E-16	2.80E-09	6.70E-11	4.94E-11	1.37E-10	4.53E-10	2.68E-09	4.28E-11	9.66E-10	4.91E-08	4.55E-09	5.85E-08
2455	NG_1151	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.007	3.03E-07	5.35E-07	Not Modelled	1.78E-08	2.80E-10	1.02E-05	3.02E-08	6.05E-09	6.05E-16	3.03E-09	7.23E-11	5.33E-11	1.48E-10	4.88E-10	2.89E-09	4.62E-11	1.04E-09	5.29E-08	4.91E-09	6.31E-08
2456	NG_1152	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.007	3.30E-07	5.81E-07	Not Modelled	1.91E-08	3.05E-10	1.10E-05	3.30E-08	6.59E-09	6.59E-16	3.30E-09	7.89E-11	5.81E-11	1.62E-10	5.32E-10	3.15E-09	5.03E-11	1.14E-09	5.77E-08	5.35E-09	6.88E-08
2457	NG_1153	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.007	3.62E-07	6.34E-07	Not Modelled	2.05E-08	3.34E-10	1.18E-05	3.61E-08	7.22E-09	7.22E-16	3.61E-09	8.64E-11	6.37E-11	1.77E-10	5.83E-10	3.45E-09	5.51E-11	1.25E-09	6.32E-08	5.86E-09	7.54E-08
2458	NG_1154	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.007	4.01E-07	7.01E-07	Not Modelled	2.21E-08	3.71E-10	1.28E-05	4.01E-08	8.01E-09	8.01E-16	4.01E-09	9.58E-11	7.06E-11	1.96E-10	6.47E-10	3.83E-09	6.12E-11	1.38E-09	7.01E-08	6.50E-09	8.36E-08
2459	NG_1155	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.007	4.48E-07	7.79E-07	Not Modelled	2.36E-08	4.14E-10	1.39E-05	4.47E-08	8.94E-09	8.94E-16	4.47E-09	1.07E-10	7.88E-11	2.19E-10	7.22E-10	4.27E-09	6.83E-11	1.54E-09	7.83E-08	7.26E-09	9.33E-08
2460	NG_1156	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.007	5.06E-07	8.79E-07	Not Modelled	2.54E-08	4.68E-10	1.53E-05	5.06E-08	1.01E-08	1.01E-15	5.06E-09	1.21E-10	8.92E-11	2.48E-10	8.17E-10	4.83E-09	7.73E-11	1.74E-09	8.86E-08	8.21E-09	1.06E-07
2461	NG_1157	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.007	5.76E-07	9.98E-07	Not Modelled	2.73E-08	5.33E-10	1.69E-05	5.76E-08	1.15E-08	1.15E-15	5.76E-09	1.38E-10	1.02E-10	2.82E-10	9.30E-10	5.50E-09	8.79E-11	1.99E-09	1.01E-07	9.34E-09	1.20E-07
2462	NG_1158	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.007	6.65E-07	1.15E-06	Not Modelled	2.98E-08	6.15E-10	1.88E-05	6.65E-08	1.33E-08	1.33E-15	6.65E-09	1.59E-10	1.17E-10	3.26E-10	1.07E-09	6.35E-09	1.02E-10	2.29E-09	1.16E-07	1.08E-08	1.39E-07
2463	NG_1159	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.007	7.74E-07	1.34E-06	Not Modelled	3.29E-08	7.16E-10	2.11E-05	7.74E-08	1.55E-08	1.55E-15	7.74E-09	1.85E-10	1.36E-10	3.79E-10	1.25E-09	7.39E-09	1.18E-10	2.67E-09	1.35E-07	1.26E-08	1.61E-07
2464	NG_1160	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.007	9.10E-07	1.59E-06	Not Modelled	3.78E-08	8.42E-10	2.44E-05	9.10E-08	1.82E-08	1.82E-15	9.11E-09	2.18E-10	1.60E-10	4.46E-10	1.47E-09	8.69E-09	1.39E-10	3.14E-09	1.59E-07	1.48E-08	1.90E-07
2465	NG_1161	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.007	1.06E-06	1.86E-06	Not Modelled	4.45E-08	9.78E-10	2.83E-05	1.06E-07	2.11E-08	2.11E-15	1.06E-08	2.53E-10	1.86E-10	5.18E-10	1.71E-09	1.01E-08	1.61E-10	3.64E-09	1.85E-07	1.71E-08	2.20E-07
2466	NG_1162	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.007	1.19E-06	2.11E-06	Not Modelled	5.33E-08	1.11E-09	3.27E-05	1.19E-07	2.39E-08	2.39E-15	1.20E-08	2.86E-10	2.11E-10	5.86E-10	1.93E-09	1.14E-08	1.82E-10	4.12E-09	2.09E-07	1.94E-08	2.49E-07
2467	NG_1163	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.007	1.30E-06	2.31E-06	Not Modelled	6.41E-08	1.21E-09	3.74E-05	1.30E-07	2.60E-08	2.60E-15	1.30E-08	3.12E-10	2.30E-10	6.39E-10	2.10E-09	1.24E-08	1.99E-10	4.49E-09	2.28E-07	2.11E-08	2.72E-07
2468	NG_1164	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.007	1.37E-06	2.43E-06	Not Modelled	7.57E-08	1.26E-09	4.15E-05	1.37E-07	2.73E-08	2.73E-15	1.37E-08	3.27E-10	2.41E-10	6.70E-10	2.21E-09	1.30E-08	2.09E-10	4.71E-09	2.39E-07	2.22E-08	2.85E-07
2469	NG_1165	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.007	1.39E-06	2.47E-06	Not Modelled	8.61E-08	1.28E-09	4.44E-05	1.39E-07	2.77E-08	2.77E-15	1.39E-08	3.32E-10	2.44E-10	6.80E-10	2.24E-09	1.32E-08	2.12E-10	4.78E-09	2.43E-07	2.25E-08	2.89E-07
2494	NG_1190	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.057	2.70E-07	4.76E-07	Not Modelled	1.49E-08	2.50E-10	8.66E-06	2.70E-08	5.40E-09	5.40E-16	2.70E-09	6.46E-11	4.76E-11	1.32E-10	4.36E-10	2.58E-09	4.12E-11	9.30E-10	4.73E-08	4.38E-09	5.63E-08
2495	NG_1191	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.057	2.90E-07	5.09E-07	Not Modelled	1.60E-08	2.68E-10	9.25E-06	2.90E-08	5.79E-09	5.79E-16	2.90E-09	6.93E-11	5.11E-11	1.42E-10	4.68E-10	2.77E-09	4.42E-11	9.99E-10	5.07E-08	4.70E-09	6.05E-08
2496	NG_1192	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.057	3.12E-07	5.47E-07	Not Modelled	1.70E-08	2.89E-10	9.80E-06	3.12E-08	6.24E-09	6.24E-16	3.12E-09	7.46E-11	5.50E-11	1.53E-10	5.04E-10	2.98E-09	4.76E-11	1.08E-09	5.46E-08	5.06E-09	6.51E-08
2497	NG_1193	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.057	3.39E-07	5.90E-07	Not Modelled	1.81E-08	3.13E-10	1.04E-05	3.38E-08	6.77E-09	6.77E-16	3.39E-09	8.10E-11	5.96E-11	1.66E-10	5.46E-10	3.23E-09	5.17E-11	1.17E-09	5.92E-08	5.49E-09	7.06E-08
2498	NG_1194	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.057	3.72E-07	6.45E-07	Not Modelled	1.93E-08	3.44E-10	1.11E-05	3.71E-08	7.42E-09	7.42E-16	3.71E-09	8.88E-11	6.54E-11	1.82E-10	6.00E-10	3.54E-09	5.67E-11	1.28E-09	6.50E-08	6.02E-09	7.75E-08
2499	NG_1195	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.057	4.12E-07	7.12E-07	Not Modelled	2.07E-08	3.81E-10	1.19E-05	4.12E-08	8.23E-09	8.23E-16	4.12E-09	9.85E-11	7.26E-11	2.02E-10	6.65E-10	3.93E-09	6.28E-11	1.42E-09	7.21E-08	6.68E-09	8.59E-08
2500	NG_1196	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.057	4.62E-07	7.97E-07	Not Modelled	2.21E-08	4.28E-10	1.29E-05	4.62E-08	9.24E-09	9.24E-16	4.62E-09	1.11E-10	8.15E-11	2.27E-10	7.46E-10	4.41E-09	7.06E-11	1.59E-09	8.09E-08	7.50E-09	9.64E-08
2501	NG_1197	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.057	5.28E-07	9.10E-07	Not Modelled	2.39E-08	4.89E-10	1.42E-05	5.28E-08	1.06E-08	1.06E-15	5.28E-09	1.26E-10	9.31E-11	2.59E-10	8.53E-10	5.04E-09	8.06E-11	1.82E-09	9.24E-08	8.57E-09	1.10E-07
2502	NG_1198	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.057	6.09E-07	1.05E-06	Not Modelled	2.58E-08	5.64E-10	1.57E-05	6.09E-08	1.22E-08	1.22E-15	6.09E-09	1.46E-10	1.07E-10	2.99E-10	9.83E-10	5.81E-09	9.30E-11	2.10E-09	1.07E-07	9.88E-09	1.27E-07
2503	NG_1199	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.057	7.08E-07	1.22E-06	Not Modelled	2.83E-08	6.55E-10	1.74E-05	7.08E-08	1.42E-08	1.42E-15	7.08E-09	1.69E-10	1.25E-10	3.47E-10	1.14E-09	6.76E-09	1.08E-10	2.44E-09	1.24E-07	1.15E-08	1.48E-07
2504	NG_1200	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.057	8.36E-07	1.45E-06	Not Modelled	3.18E-08	7.73E-10	1.97E-05	8.35E-08	1.67E-08	1.67E-15	8.36E-09	2.00E-10	1.47E-10	4.10E-10	1.35E-09	7.98E-09	1.28E-10	2.88E-09	1.46E-07	1.36E-08	1.74E-07
2505	NG_1201	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.057	9.95E-07	1.74E-06	Not Modelled	3.69E-08	9.21E-10	2.30E-05	9.95E-08	1.99E-08	1.99E-15	9.95E-09	2.38E-10	1.75E-10	4.88E-10	1.61E-09	9.50E-09	1.52E-10	3.43E-09	1.74E-07	1.61E-08	2.08E-07
2506	NG_1202	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.057	1.17E-06	2.05E-06	Not Modelled	4.34E-08	1.08E-09	2.67E-05	1.17E-07	2.33E-08	2.33E-15	1.17E-08	2.79E-10	2.05E-10	5.72E-10	1.88E-09	1.11E-08	1.78E-10	4.02E-09	2.04E-07	1.89E-08	2.43E-07
2507	NG_1203	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.057	1.32E-06	2.33E-06	Not Modelled	5.10E-08	1.22E-09	3.06E-05	1.32E-07	2.64E-08	2.64E-15	1.32E-08	3.16E-10	2.33E-10	6.47E-10	2.13E-09	1.26E-08	2.01E-10	4.55E-09	2.31E-07	2.14E-08	2.75E-07
2508	NG_1204	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.057	1.43E-06	2.52E-06	Not Modelled	5.90E-08	1.32E-09	3.42E-05	1.43E-07	2.85E-08	2.85E-15	1.43E-08	3.41E-10	2.52E-10	7.00E-10	2.30E-09	1.36E-08	2.18E-10	4.92E-09	2.50E-07	2.32E-08	2.98E-07
2509	NG_1205	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.057	1.47E-06	2.60E-06	Not Modelled	6.65E-08	1.36E-09	3.70E-05	1.47E-07	2.95E-08	2.95E-15	1.47E-08	3.52E-10	2.60E-10	7.22E-10	2.38E-09	1.41E-08	2.25E-10	5.08E-09	2.58E-07	2.39E-08	3.07E-07
2510	NG_1206	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.057	1.46E-06	2.57E-06	Not Modelled	7.24E-08	1.35E-09	3.83E-05	1.46E-07	2.92E-08	2.92E-15	1.46E-08	3.50E-10	2.58E-10	7.16E-10	2.36E-09	1.39E-08	2.23E-10	5.04E-09	2.56E-07	2.37E-08	3.05E-07
2521	NG_1217	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.057	7.25E-07	1.30E-06	Not Modelled	2.55E-08	6.70E-10	1.54E-05	7.24E-08	1.45E-08	1.45E-15	7.25E-09	1.73E-10	1.28E-10	3.55E-10	1.17E-09	6.92E-09	1.11E-10	2.50E-09	1.27E-07	1.18E-08	1.51E-07
2522	NG_1218	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.057	6.93E-07	1.25E-06	Not Modelled	2.31E-08	6.41E-10	1.42E-05	6.92E-08	1.38E-08	1.38E-15	6.93E-09	1.66E-10	1.22E-10	3.40E-10	1.12E-09	6.61E-09	1.06E-10	2.39E-09	1.21E-07	1.12E-08	1.45E-07
2523	NG_1219	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.057	6.62E-07	1.20E-06	Not Modelled	2.07E-08	6.13E-10	1.30E-05	6.62E-08	1.32E-08	1.32E-15	6.62E-09	1.58E-10	1.17E-10	3.25E-10	1.07E-09	6.32E-09	1.01E-10	2.28E-09	1.16E-07	1.07E-08	1.38E-07
2524	NG_1220	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.057	6.34E-07	1.15E-06	Not Modelled	1.85E-08	5.87E-10	1.18E-05	6.34E-08	1.27E-08	1.27E-15	6.34E-09	1.52E-10	1.12E-10	3.11E-10	1.02E-09	6.05E-09	9.68E-11	2.19E-09	1.11E-07	1.03E-08	1.32E-07
2533	NG_1229	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.057	4.54E-07	8.37E-07	Not Modelled	9.66E-09	4.20E-10	6.11E-06	4.54E-08	9.07E-09	9.07E-16	4.54E-09	1.09E-10	8.00E-11	2.22E-10	7.32E-10	4.33E-09	6.93E-11	1.56E-09	7.94E-08	7.36E-09	9.47E-08
2534	NG_1230	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.057	4.53E-07	8.38E-07	Not Modelled	9.54E-09	4.19E-10	5.95E-06	4.53E-08	9.06E-09	9.06E-16	4.53E-09	1.08E-10	7.98E-11	2.22E-10	7.31E-10	4.33E-09	6.92E-11	1.56E-09	7.93E-08	7.35E-09	9.45E-08
2535	NG_1231	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.107	2.79E-07	4.87E-07	Not Modelled	1.43E-08	2.58E-10	8.33E-06	2.79E-08	5.58E-09	5.58E-16	2.79E-09	6.67E-11	4.91E-11	1.37E-10	4.50E-10	2.66E-09	4.26E-11	9.61E-10	4.88E-08	4.52E-09	5.82E-08
2536	NG_1232	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.107	2.99E-07	5.21E-07	Not Modelled	1.52E-08	2.77E-10	8.84E-06	2.99E-08	5.98E-09	5.98E-16	2.99E-09	7.15E-11	5.27E-11	1.47E-10	4.83E-10	2.85E-09	4.56E-11	1.03E-09	5.23E-08	4.85E-09	6.24E-08
2537	NG_1233	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.107	3.22E-07	5.59E-07	Not Modelled	1.62E-08	2.98E-10	9.32E-06	3.22E-08	6.44E-09	6.44E-16	3.22E-09	7.70E-11	5.68E-11	1.58E-10	5.20E-10	3.07E-09	4.92E-11	1.11E-09	5.64E-08	5.22E-09	6.72E-08
2538	NG_1234	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.107	3.50E-07	6.05E-07	Not Modelled	1.71E-08	3.24E-10	9.84E-06	3.50E-08	7.00E-09	7.00E-16	3.50E-09	8.37E-11	6.17E-11	1.72E-10	5.65E-10	3.34E-09	5.34E-11	1.21E-09	6.13E-08	5.68E-09	7.30E-08
2539	NG_1235	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.107	3.84E-07	6.61E-07	Not Modelled	1.82E-08	3.55E-10	1.04E-05	3.84E-08	7.68E-09	7.68E-16	3.84E-09	9.19E-11	6.77E-11	1.88E-10	6.20E-10	3.67E-09	5.86E-11	1.32E-09	6.72E-08	6.23E-09	8.01E-08
2540	NG_1236	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.107	4.27E-07	7.31E-07	Not Modelled	1.93E-08	3.95E-10	1.11E-05	4.26E-08	8.53E-09	8.53E-16	4.27E-09	1.02E-10	7.52E-11	2.09E-10	6.89E-10	4.07E-09	6.51E-11	1.47E-09	7.46E-08	6.92E-09	8.90E-08
2541	NG_1237	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.107	4.83E-07	8.25E-07	Not Modelled	2.08E-08	4.46E-10	1.20E-05	4.82E-08	9.65E-09	9.65E-16	4.83E-09	1.15E-10	8.50E-11	2.37E-10	7.79E-10	4.61E-09	7.36E-11	1.66E-09	8.45E-08	7.83E-09	1.01E-07
2542	NG_1238	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.107	5.58E-07	9.56E-07	Not Modelled	2.28E-08	5.16E-10	1.34E-05	5.58E-08	1.12E-08	1.12E-15	5.58E-09	1.33E-10	9.83E-11	2.74E-10	9.01E-10	5.33E-09	8.52E-11	1.92E-09	9.77E-08	9.05E-09	1.16E-07
2543	NG_1239	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.107	6.51E-07	1.12E-06	Not Modelled	2.50E-08	6.02E-10	1.49E-05	6.51E-08	1.30E-08	1.30E-15	6.51E-09	1.56E-10	1.15E-10	3.19E-10	1.05E-09	6.21E-09	9.94E-11	2.24E-09	1.14E-07	1.06E-08	1.36E-07
2544	NG_1240	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.107	7.61E-07	1.31E-06	Not Modelled	2.75E-08	7.04E-10	1.64E-05	7.60E-08	1.52E-08	1.52E-15	7.61E-09	1.82E-10	1.34E-10	3.73E-10	1.23E-09	7.26E-09	1.16E-10	2.62E-09	1.33E-07	1.23E-08	1.59E-07
2545	NG_1241	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.107	8.99E-07	1.56E-06	Not Modelled	3.11E-08	8.32E-10	1.86E-05	8.99E-08	1.80E-08	1.80E-15	9.00E-09	2.15E-10	1.59E-10	4.41E-10	1.45E-09	8.58E-09	1.37E-10	3.10E-09	1.57E-07	1.46E-08	1.88E-07
2546	NG_1242	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.107	1.07E-06	1.87E-06	Not Modelled	3.61E-08	9.92E-10	2.16E-05	1.07E-07	2.14E-08	2.14E-15	1.07E-08	2.56E-10	1.89E-10	5.26E-10	1.73E-09	1.02E-08	1.64E-10	3.69E-09	1.88E-07	1.74E-08	2.24E-07
2547	NG_1243	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.107	1.25E-06	2.20E-06	Not Modelled	4.22E-08	1.16E-09	2.51E-05	1.25E-07	2.51E-08	2.51E-15	1.25E-08	3.00E-10	2.21E-10	6.14E-10	2.02E-09	1.20E-08	1.91E-10	4.32E-09	2.19E-07	2.03E-08	2.61E-07
2548	NG_1244	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.107	1.41E-06	2.48E-06	Not Modelled	4.86E-08	1.30E-09	2.84E-05	1.41E-07	2.82E-08	2.82E-15	1.41E-08	3.37E-10	2.48E-10	6.90E-10	2.27E-09	1.34E-08	2.15E-10	4.85E-09	2.46E-07	2.28E-08	2.94E-07
2549	NG_1245	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.107	1.52E-06	2.67E-06	Not Modelled	5.47E-08	1.40E-09	3.14E-05	1.51E-07	3.03E-08	3.03E-15	1.52E-08	3.62E-10	2.67E-10	7.43E-10	2.45E-09	1.45E-08	2.31E-10	5.22E-09	2.65E-07	2.46E-08	3.16E-07
2550	NG_1246	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.107	1.55E-06	2.72E-06	Not Modelled	5.95E-08	1.43E-09	3.31E-05	1.55E-07	3.10E-08	3.10E-15	1.55E-08	3.71E-10	2.73E-10	7.60E-10	2.50E-09	1.48E-08	2.37E-10	5.34E-09	2.71E-07	2.52E-08	3.24E-07
2555	NG_1251	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.107	1.13E-06	1.95E-06	Not Modelled	4.97E-08	1.04E-09	2.29E-05	1.13E-07	2.26E-08	2.26E-15	1.13E-08	2.70E-10	1.99E-10	5.53E-10	1.82E-09	1.08E-08	1.72E-10	3.89E-09	1.98E-07	1.83E-08	2.35E-07
2556	NG_1252	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.107	1.03E-06	1.78E-06	Not Modelled	4.34E-08	9.55E-10	2.03E-05	1.03E-07	2.06E-08	2.06E-15	1.03E-08	2.47E-10	1.82E-10	5.06E-10	1.67E-09	9.86E-09	1.58E-10	3.56E-09	1.81E-07	1.68E-08	2.15E-07
2557	NG_1253	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.107	9.57E-07	1.66E-06	Not Modelled	3.76E-08	8.85E-10	1.83E-05	9.56E-08	1.91E-08	1.91E-15	9.57E-09	2.29E-10	1.69E-10	4.69E-10	1.54E-09	9.13E-09	1.46E-10	3.30E-09	1.67E-07	1.55E-08	2.00E-07
2558	NG_1254	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.107	9.02E-07	1.57E-06	Not Modelled	3.31E-08	8.34E-10	1.69E-05	9.02E-08	1.80E-08	1.80E-15	9.02E-09	2.16E-10	1.59E-10	4.42E-10	1.46E-09	8.61E-09	1.38E-10	3.11E-09	1.58E-07	1.46E-08	1.88E-07
2561	NG_1257	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.107	8.01E-07	1.42E-06	Not Modelled	2.51E-08	7.41E-10	1.46E-05	8.00E-08	1.60E-08	1.60E-15	8.01E-09	1.92E-10	1.41E-10	3.93E-10	1.29E-09	7.64E-09	1.22E-10	2.76E-09	1.40E-07	1.30E-08	1.67E-07
2562	NG_1258	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.107	7.82E-07	1.40E-06	Not Modelled	2.36E-08	7.24E-10	1.42E-05	7.82E-08	1.56E-08	1.56E-15	7.82E-09	1.87E-10	1.38E-10	3.84E-10	1.26E-09	7.47E-09	1.19E-10	2.70E-09	1.37E-07	1.27E-08	1.63E-07
2563	NG_1259	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.107	7.59E-07	1.37E-06	Not Modelled	2.19E-08	7.02E-10	1.34E-05	7.59E-08	1.52E-08	1.52E-15	7.59E-09	1.82E-10	1.34E-10	3.72E-10	1.23E-09	7.24E-09	1.16E-10	2.62E-09	1.33E-07	1.23E-08	1.58E-07
2564	NG_1260	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.107	7.31E-07	1.32E-06	Not Modelled	2.00E-08	6.76E-10	1.24E-05	7.31E-08	1.46E-08	1.46E-15	7.31E-09	1.75E-10	1.29E-10	3.58E-10	1.18E-09	6.98E-09	1.12E-10	2.52E-09	1.28E-07	1.19E-08	1.53E-07
2565	NG_1261	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.107	6.98E-07	1.27E-06	Not Modelled	1.82E-08	6.46E-10	1.14E-05	6.98E-08	1.40E-08	1.40E-15	6.98E-09	1.67E-10	1.23E-10	3.42E-10	1.13E-09	6.66E-09	1.07E-10	2.41E-09	1.22E-07	1.13E-08	1.46E-07
2567	NG_1263	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.107	6.11E-07	1.11E-06	Not Modelled	1.45E-08	5.66E-10	9.13E-06	6.11E-08	1.22E-08	1.22E-15	6.11E-09	1.46E-10	1.08E-10	3.00E-10	9.87E-10	5.84E-09	9.33E-11	2.11E-09	1.07E-07	9.92E-09	1.28E-07
2568	NG_1264	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.107	5.78E-07	1.05E-06	Not Modelled	1.32E-08	5.34E-10	8.32E-06	5.78E-08	1.15E-08	1.15E-15	5.78E-09	1.38E-10	1.02E-10	2.83E-10	9.33E-10	5.51E-09	8.82E-11	1.99E-09	1.01E-07	9.37E-09	1.21E-07
2569	NG_1265	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.107	5.50E-07	1.00E-06	Not Modelled	1.21E-08	5.08E-10	7.66E-06	5.49E-08	1.10E-08	1.10E-15	5.50E-09	1.31E-10	9.68E-11	2.69E-10	8.87E-10	5.25E-09	8.39E-11	1.89E-09	9.62E-08	8.91E-09	1.15E-07
2570	NG_1266	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.107	5.24E-07	9.58E-07	Not Modelled	1.11E-08	4.85E-10	7.05E-06	5.24E-08	1.05E-08	1.05E-15	5.24E-09	1.25E-10	9.23E-11	2.57E-10	8.46E-10	5.00E-09	8.00E-11	1.81E-09	9.17E-08	8.50E-09	1.09E-07
2571	NG_1267	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.107	5.01E-07	9.17E-07	Not Modelled	1.04E-08	4.63E-10	6.53E-06	5.01E-08	1.00E-08	1.00E-15	5.01E-09	1.20E-10	8.83E-11	2.46E-10	8.09E-10	4.78E-09	7.65E-11	1.73E-09	8.77E-08	8.12E-09	1.05E-07
2572	NG_1268	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.107	4.83E-07	8.86E-07	Not Modelled	9.84E-09	4.47E-10	6.17E-06	4.83E-08	9.66E-09	9.66E-16	4.83E-09	1.16E-10	8.52E-11	2.37E-10	7.80E-10	4.61E-09	7.38E-11	1.67E-09	8.46E-08	7.84E-09	1.01E-07
2573	NG_1269	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.107	4.71E-07	8.66E-07	Not Modelled	9.46E-09	4.36E-10	5.91E-06	4.71E-08	9.42E-09	9.42E-16	4.71E-09	1.13E-10	8.31E-11	2.31E-10	7.61E-10	4.50E-09	7.19E-11	1.62E-09	8.25E-08	7.64E-09	9.83E-08
2574	NG_1270	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.107	4.64E-07	8.54E-07	Not Modelled	9.23E-09	4.29E-10	5.74E-06	4.64E-08	9.27E-09	9.27E-16	4.64E-09	1.11E-10	8.17E-11	2.27E-10	7.49E-10	4.43E-09	7.08E-11	1.60E-09	8.12E-08	7.52E-09	9.68E-08
2575	NG_1271	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.107	4.59E-07	8.49E-07	Not Modelled	9.09E-09	4.25E-10	5.60E-06	4.59E-08	9.19E-09	9.19E-16	4.60E-09	1.10E-10	8.10E-11	2.25E-10	7.42E-10	4.39E-09	7.01E-11	1.58E-09	8.04E-08	7.45E-09	9.59E-08
2576	NG_1272	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.157	2.89E-07	4.99E-07	Not Modelled	1.36E-08	2.67E-10	7.90E-06	2.88E-08	5.76E-09	5.76E-16	2.88E-09	6.89E-11	5.08E-11	1.41E-10	4.65E-10	2.75E-09	4.40E-11	9.93E-10	5.05E-08	4.68E-09	6.01E-08
2577	NG_1273	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.157	3.09E-07	5.33E-07	Not Modelled	1.44E-08	2.86E-10	8.34E-06	3.09E-08	6.18E-09	6.18E-16	3.09E-09	7.39E-11	5.45E-11	1.52E-10	4.99E-10	2.95E-09	4.72E-11	1.07E-09	5.41E-08	5.01E-09	6.45E-08
2578	NG_1274	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.157	3.34E-07	5.73E-07	Not Modelled	1.53E-08	3.09E-10	8.78E-06	3.34E-08	6.67E-09	6.67E-16	3.34E-09	7.98E-11	5.88E-11	1.64E-10	5.39E-10	3.19E-09	5.09E-11	1.15E-09	5.84E-08	5.41E-09	6.96E-08
2579	NG_1275	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.157	3.64E-07	6.23E-07	Not Modelled	1.62E-08	3.37E-10	9.25E-06	3.64E-08	7.28E-09	7.28E-16	3.64E-09	8.70E-11	6.41E-11	1.78E-10	5.88E-10	3.47E-09	5.55E-11	1.25E-09	6.37E-08	5.90E-09	7.59E-08
2580	NG_1276	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.157	4.02E-07	6.86E-07	Not Modelled	1.72E-08	3.72E-10	9.80E-06	4.02E-08	8.03E-09	8.03E-16	4.02E-09	9.61E-11	7.08E-11	1.97E-10	6.48E-10	3.83E-09	6.13E-11	1.38E-09	7.03E-08	6.51E-09	8.38E-08
2581	NG_1277	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.157	4.49E-07	7.65E-07	Not Modelled	1.84E-08	4.15E-10	1.05E-05	4.49E-08	8.97E-09	8.97E-16	4.49E-09	1.07E-10	7.91E-11	2.20E-10	7.25E-10	4.28E-09	6.85E-11	1.55E-09	7.85E-08	7.28E-09	9.36E-08
2582	NG_1278	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.157	5.10E-07	8.69E-07	Not Modelled	1.99E-08	4.72E-10	1.13E-05	5.10E-08	1.02E-08	1.02E-15	5.10E-09	1.22E-10	8.99E-11	2.50E-10	8.23E-10	4.87E-09	7.78E-11	1.76E-09	8.93E-08	8.27E-09	1.06E-07
2583	NG_1279	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.157	5.92E-07	1.01E-06	Not Modelled	2.19E-08	5.47E-10	1.26E-05	5.92E-08	1.18E-08	1.18E-15	5.92E-09	1.42E-10	1.04E-10	2.90E-10	9.55E-10	5.65E-09	9.03E-11	2.04E-09	1.04E-07	9.60E-09	1.23E-07
2584	NG_1280	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.157	6.94E-07	1.19E-06	Not Modelled	2.43E-08	6.42E-10	1.41E-05	6.94E-08	1.39E-08	1.39E-15	6.94E-09	1.66E-10	1.22E-10	3.40E-10	1.12E-09	6.62E-09	1.06E-10	2.39E-09	1.21E-07	1.13E-08	1.45E-07
2585	NG_1281	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.157	8.18E-07	1.41E-06	Not Modelled	2.72E-08	7.57E-10	1.57E-05	8.17E-08	1.63E-08	1.63E-15	8.18E-09	1.96E-10	1.44E-10	4.01E-10	1.32E-09	7.81E-09	1.25E-10	2.82E-09	1.43E-07	1.33E-08	1.71E-07
2586	NG_1282	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.157	9.66E-07	1.68E-06	Not Modelled	3.09E-08	8.94E-10	1.78E-05	9.66E-08	1.93E-08	1.93E-15	9.66E-09	2.31E-10	1.70E-10	4.74E-10	1.56E-09	9.22E-09	1.47E-10	3.33E-09	1.69E-07	1.57E-08	2.02E-07
2587	NG_1283	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.157	1.14E-06	1.99E-06	Not Modelled	3.55E-08	1.05E-09	2.04E-05	1.14E-07	2.27E-08	2.27E-15	1.14E-08	2.72E-10	2.00E-10	5.58E-10	1.84E-09	1.09E-08	1.74E-10	3.92E-09	1.99E-07	1.84E-08	2.37E-07

AQIA DATA - SCENARIO 2 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**3.08E-06**	**5.69E-06**	**0.00E+00**	**3.69E-07**	**2.85E-09**	**1.88E-04**	**3.08E-07**	**6.16E-08**	**6.16E-15**	**3.08E-08**	**7.37E-10**	**5.43E-10**	**1.51E-09**	**4.98E-09**	**2.94E-08**	**4.71E-10**	**1.06E-08**	**5.40E-07**	**5.00E-08**	**6.43E-07**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2588	NG_1284	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.157	1.31E-06	2.30E-06	Not Modelled	4.06E-08	1.21E-09	2.32E-05	1.31E-07	2.61E-08	2.61E-15	1.31E-08	3.12E-10	2.30E-10	6.40E-10	2.11E-09	1.25E-08	1.99E-10	4.50E-09	2.29E-07	2.12E-08	2.73E-07
2589	NG_1285	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.157	1.45E-06	2.55E-06	Not Modelled	4.58E-08	1.34E-09	2.60E-05	1.45E-07	2.90E-08	2.90E-15	1.45E-08	3.47E-10	2.56E-10	7.11E-10	2.34E-09	1.38E-08	2.21E-10	5.00E-09	2.54E-07	2.35E-08	3.03E-07
2590	NG_1286	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.157	1.54E-06	2.72E-06	Not Modelled	5.04E-08	1.43E-09	2.83E-05	1.54E-07	3.09E-08	3.09E-15	1.54E-08	3.69E-10	2.72E-10	7.57E-10	2.49E-09	1.47E-08	2.36E-10	5.32E-09	2.70E-07	2.50E-08	3.22E-07
2591	NG_1287	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.157	1.57E-06	2.75E-06	Not Modelled	5.36E-08	1.45E-09	2.94E-05	1.57E-07	3.14E-08	3.14E-15	1.57E-08	3.76E-10	2.77E-10	7.70E-10	2.54E-09	1.50E-08	2.40E-10	5.41E-09	2.75E-07	2.55E-08	3.28E-07
2596	NG_1292	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.157	1.17E-06	2.00E-06	Not Modelled	4.29E-08	1.08E-09	2.03E-05	1.17E-07	2.33E-08	2.33E-15	1.17E-08	2.79E-10	2.06E-10	5.72E-10	1.88E-09	1.11E-08	1.78E-10	4.02E-09	2.04E-07	1.89E-08	2.43E-07
2597	NG_1293	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.157	1.07E-06	1.84E-06	Not Modelled	3.78E-08	9.90E-10	1.80E-05	1.07E-07	2.14E-08	2.14E-15	1.07E-08	2.56E-10	1.89E-10	5.25E-10	1.73E-09	1.02E-08	1.63E-10	3.69E-09	1.87E-07	1.74E-08	2.23E-07
2598	NG_1294	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.157	9.92E-07	1.71E-06	Not Modelled	3.32E-08	9.17E-10	1.63E-05	9.91E-08	1.98E-08	1.98E-15	9.92E-09	2.37E-10	1.75E-10	4.86E-10	1.60E-09	9.47E-09	1.51E-10	3.42E-09	1.74E-07	1.61E-08	2.07E-07
2599	NG_1295	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.157	9.34E-07	1.62E-06	Not Modelled	2.95E-08	8.64E-10	1.50E-05	9.34E-08	1.87E-08	1.87E-15	9.34E-09	2.23E-10	1.65E-10	4.58E-10	1.51E-09	8.92E-09	1.43E-10	3.22E-09	1.64E-07	1.52E-08	1.95E-07
2600	NG_1296	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.157	8.93E-07	1.56E-06	Not Modelled	2.67E-08	8.26E-10	1.42E-05	8.93E-08	1.79E-08	1.79E-15	8.93E-09	2.14E-10	1.57E-10	4.38E-10	1.44E-09	8.53E-09	1.36E-10	3.08E-09	1.56E-07	1.45E-08	1.86E-07
2602	NG_1298	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.157	8.46E-07	1.50E-06	Not Modelled	2.32E-08	7.83E-10	1.34E-05	8.46E-08	1.69E-08	1.69E-15	8.47E-09	2.02E-10	1.49E-10	4.15E-10	1.37E-09	8.08E-09	1.29E-10	2.92E-09	1.48E-07	1.37E-08	1.77E-07
2603	NG_1299	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.157	8.32E-07	1.49E-06	Not Modelled	2.21E-08	7.70E-10	1.32E-05	8.32E-08	1.66E-08	1.66E-15	8.32E-09	1.99E-10	1.47E-10	4.08E-10	1.34E-09	7.94E-09	1.27E-10	2.87E-09	1.46E-07	1.35E-08	1.74E-07
2604	NG_1300	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.157	8.11E-07	1.46E-06	Not Modelled	2.07E-08	7.50E-10	1.26E-05	8.10E-08	1.62E-08	1.62E-15	8.11E-09	1.94E-10	1.43E-10	3.97E-10	1.31E-09	7.74E-09	1.24E-10	2.79E-09	1.42E-07	1.31E-08	1.69E-07
2605	NG_1301	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.157	7.81E-07	1.41E-06	Not Modelled	1.93E-08	7.23E-10	1.18E-05	7.81E-08	1.56E-08	1.56E-15	7.81E-09	1.87E-10	1.38E-10	3.83E-10	1.26E-09	7.46E-09	1.19E-10	2.69E-09	1.37E-07	1.27E-08	1.63E-07
2606	NG_1302	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.157	7.46E-07	1.35E-06	Not Modelled	1.77E-08	6.90E-10	1.10E-05	7.46E-08	1.49E-08	1.49E-15	7.46E-09	1.78E-10	1.31E-10	3.66E-10	1.20E-09	7.12E-09	1.14E-10	2.57E-09	1.31E-07	1.21E-08	1.56E-07
2607	NG_1303	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.157	7.01E-07	1.28E-06	Not Modelled	1.61E-08	6.48E-10	9.93E-06	7.00E-08	1.40E-08	1.40E-15	7.01E-09	1.68E-10	1.23E-10	3.44E-10	1.13E-09	6.69E-09	1.07E-10	2.41E-09	1.23E-07	1.14E-08	1.46E-07
2608	NG_1304	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.157	6.56E-07	1.20E-06	Not Modelled	1.45E-08	6.07E-10	8.97E-06	6.56E-08	1.31E-08	1.31E-15	6.56E-09	1.57E-10	1.16E-10	3.22E-10	1.06E-09	6.27E-09	1.00E-10	2.26E-09	1.15E-07	1.06E-08	1.37E-07
2609	NG_1305	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.157	6.17E-07	1.13E-06	Not Modelled	1.32E-08	5.71E-10	8.17E-06	6.17E-08	1.23E-08	1.23E-15	6.17E-09	1.48E-10	1.09E-10	3.03E-10	9.97E-10	5.89E-09	9.42E-11	2.13E-09	1.08E-07	1.00E-08	1.29E-07
2610	NG_1306	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.157	5.85E-07	1.07E-06	Not Modelled	1.22E-08	5.41E-10	7.53E-06	5.85E-08	1.17E-08	1.17E-15	5.85E-09	1.40E-10	1.03E-10	2.87E-10	9.44E-10	5.58E-09	8.93E-11	2.02E-09	1.02E-07	9.48E-09	1.22E-07
2611	NG_1307	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.157	5.54E-07	1.01E-06	Not Modelled	1.13E-08	5.13E-10	6.94E-06	5.54E-08	1.11E-08	1.11E-15	5.54E-09	1.33E-10	9.77E-11	2.72E-10	8.95E-10	5.29E-09	8.46E-11	1.91E-09	9.70E-08	8.99E-09	1.16E-07
2612	NG_1308	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.157	5.25E-07	9.61E-07	Not Modelled	1.04E-08	4.86E-10	6.40E-06	5.25E-08	1.05E-08	1.05E-15	5.25E-09	1.26E-10	9.26E-11	2.58E-10	8.48E-10	5.01E-09	8.02E-11	1.81E-09	9.19E-08	8.52E-09	1.10E-07
2613	NG_1309	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.157	5.02E-07	9.19E-07	Not Modelled	9.76E-09	4.64E-10	5.98E-06	5.02E-08	1.00E-08	1.00E-15	5.02E-09	1.20E-10	8.84E-11	2.46E-10	8.10E-10	4.79E-09	7.66E-11	1.73E-09	8.78E-08	8.14E-09	1.05E-07
2614	NG_1310	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.157	4.85E-07	8.90E-07	Not Modelled	9.30E-09	4.49E-10	5.69E-06	4.85E-08	9.69E-09	9.69E-16	4.85E-09	1.16E-10	8.54E-11	2.38E-10	7.83E-10	4.63E-09	7.40E-11	1.67E-09	8.49E-08	7.86E-09	1.01E-07
2615	NG_1311	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.157	4.73E-07	8.70E-07	Not Modelled	8.99E-09	4.37E-10	5.48E-06	4.73E-08	9.45E-09	9.45E-16	4.73E-09	1.13E-10	8.33E-11	2.32E-10	7.63E-10	4.51E-09	7.22E-11	1.63E-09	8.28E-08	7.67E-09	9.87E-08
2616	NG_1312	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.157	4.63E-07	8.53E-07	Not Modelled	8.74E-09	4.28E-10	5.30E-06	4.63E-08	9.25E-09	9.25E-16	4.63E-09	1.11E-10	8.15E-11	2.27E-10	7.47E-10	4.42E-09	7.06E-11	1.59E-09	8.10E-08	7.50E-09	9.65E-08
2617	NG_1313	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.207	3.00E-07	5.14E-07	Not Modelled	1.29E-08	2.77E-10	7.47E-06	2.99E-08	5.99E-09	5.99E-16	3.00E-09	7.16E-11	5.28E-11	1.47E-10	4.84E-10	2.86E-09	4.57E-11	1.03E-09	5.24E-08	4.86E-09	6.25E-08
2618	NG_1314	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.207	3.22E-07	5.50E-07	Not Modelled	1.37E-08	2.98E-10	7.87E-06	3.21E-08	6.43E-09	6.43E-16	3.22E-09	7.69E-11	5.67E-11	1.58E-10	5.19E-10	3.07E-09	4.91E-11	1.11E-09	5.63E-08	5.22E-09	6.71E-08
2619	NG_1315	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.207	3.48E-07	5.94E-07	Not Modelled	1.44E-08	3.22E-10	8.25E-06	3.48E-08	6.96E-09	6.96E-16	3.48E-09	8.33E-11	6.13E-11	1.71E-10	5.62E-10	3.32E-09	5.31E-11	1.20E-09	6.09E-08	5.65E-09	7.26E-08
2620	NG_1316	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.207	3.82E-07	6.50E-07	Not Modelled	1.53E-08	3.53E-10	8.73E-06	3.82E-08	7.63E-09	7.63E-16	3.82E-09	9.13E-11	6.73E-11	1.87E-10	6.16E-10	3.64E-09	5.83E-11	1.32E-09	6.68E-08	6.19E-09	7.96E-08
2621	NG_1317	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.207	4.23E-07	7.18E-07	Not Modelled	1.63E-08	3.91E-10	9.23E-06	4.22E-08	8.45E-09	8.45E-16	4.22E-09	1.01E-10	7.44E-11	2.07E-10	6.82E-10	4.03E-09	6.45E-11	1.46E-09	7.39E-08	6.85E-09	8.81E-08
2622	NG_1318	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.207	4.75E-07	8.07E-07	Not Modelled	1.76E-08	4.39E-10	9.90E-06	4.75E-08	9.49E-09	9.49E-16	4.75E-09	1.14E-10	8.37E-11	2.33E-10	7.67E-10	4.53E-09	7.25E-11	1.64E-09	8.31E-08	7.70E-09	9.91E-08
2623	NG_1319	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.207	5.41E-07	9.20E-07	Not Modelled	1.92E-08	5.01E-10	1.07E-05	5.41E-08	1.08E-08	1.08E-15	5.41E-09	1.29E-10	9.54E-11	2.65E-10	8.74E-10	5.16E-09	8.26E-11	1.86E-09	9.47E-08	8.78E-09	1.13E-07
2624	NG_1320	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.207	6.29E-07	1.07E-06	Not Modelled	2.13E-08	5.82E-10	1.20E-05	6.29E-08	1.26E-08	1.26E-15	6.29E-09	1.50E-10	1.11E-10	3.08E-10	1.02E-09	6.00E-09	9.60E-11	2.17E-09	1.10E-07	1.02E-08	1.31E-07
2625	NG_1321	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.207	7.37E-07	1.27E-06	Not Modelled	2.39E-08	6.82E-10	1.34E-05	7.37E-08	1.47E-08	1.47E-15	7.37E-09	1.76E-10	1.30E-10	3.61E-10	1.19E-09	7.03E-09	1.12E-10	2.54E-09	1.29E-07	1.20E-08	1.54E-07
2626	NG_1322	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.207	8.71E-07	1.51E-06	Not Modelled	2.71E-08	8.05E-10	1.51E-05	8.70E-08	1.74E-08	1.74E-15	8.71E-09	2.08E-10	1.53E-10	4.27E-10	1.41E-09	8.31E-09	1.33E-10	3.00E-09	1.52E-07	1.41E-08	1.82E-07
2627	NG_1323	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.207	1.02E-06	1.78E-06	Not Modelled	3.07E-08	9.44E-10	1.70E-05	1.02E-07	2.04E-08	2.04E-15	1.02E-08	2.44E-10	1.80E-10	5.00E-10	1.65E-09	9.74E-09	1.56E-10	3.52E-09	1.79E-07	1.66E-08	2.13E-07
2628	NG_1324	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.207	1.19E-06	2.08E-06	Not Modelled	3.50E-08	1.10E-09	1.94E-05	1.19E-07	2.38E-08	2.38E-15	1.19E-08	2.85E-10	2.10E-10	5.83E-10	1.92E-09	1.14E-08	1.82E-10	4.10E-09	2.08E-07	1.93E-08	2.48E-07
2629	NG_1325	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.207	1.35E-06	2.37E-06	Not Modelled	3.94E-08	1.25E-09	2.17E-05	1.35E-07	2.69E-08	2.69E-15	1.35E-08	3.22E-10	2.37E-10	6.60E-10	2.17E-09	1.29E-08	2.06E-10	4.64E-09	2.36E-07	2.18E-08	2.81E-07
2630	NG_1326	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.207	1.47E-06	2.59E-06	Not Modelled	4.36E-08	1.36E-09	2.39E-05	1.47E-07	2.94E-08	2.94E-15	1.47E-08	3.52E-10	2.59E-10	7.21E-10	2.37E-09	1.40E-08	2.24E-10	5.07E-09	2.57E-07	2.39E-08	3.07E-07
2631	NG_1327	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.207	1.54E-06	2.70E-06	Not Modelled	4.69E-08	1.42E-09	2.54E-05	1.54E-07	3.08E-08	3.08E-15	1.54E-08	3.68E-10	2.71E-10	7.54E-10	2.48E-09	1.47E-08	2.35E-10	5.30E-09	2.69E-07	2.50E-08	3.21E-07
2632	NG_1328	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.207	1.55E-06	2.70E-06	Not Modelled	4.88E-08	1.43E-09	2.60E-05	1.55E-07	3.10E-08	3.10E-15	1.55E-08	3.71E-10	2.73E-10	7.60E-10	2.50E-09	1.48E-08	2.37E-10	5.34E-09	2.71E-07	2.51E-08	3.23E-07
2637	NG_1333	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.207	1.18E-06	2.02E-06	Not Modelled	3.80E-08	1.09E-09	1.80E-05	1.18E-07	2.36E-08	2.36E-15	1.18E-08	2.82E-10	2.08E-10	5.78E-10	1.90E-09	1.13E-08	1.80E-10	4.06E-09	2.06E-07	1.91E-08	2.46E-07
2638	NG_1334	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.207	1.09E-06	1.86E-06	Not Modelled	3.37E-08	1.01E-09	1.60E-05	1.09E-07	2.17E-08	2.17E-15	1.09E-08	2.60E-10	1.91E-10	5.33E-10	1.75E-09	1.04E-08	1.66E-10	3.75E-09	1.90E-07	1.76E-08	2.27E-07
2639	NG_1335	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.207	1.01E-06	1.74E-06	Not Modelled	3.00E-08	9.38E-10	1.46E-05	1.01E-07	2.03E-08	2.03E-15	1.01E-08	2.42E-10	1.79E-10	4.97E-10	1.64E-09	9.67E-09	1.55E-10	3.49E-09	1.77E-07	1.64E-08	2.11E-07
2640	NG_1336	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.207	9.58E-07	1.65E-06	Not Modelled	2.69E-08	8.86E-10	1.36E-05	9.57E-08	1.91E-08	1.91E-15	9.58E-09	2.29E-10	1.69E-10	4.70E-10	1.55E-09	9.14E-09	1.46E-10	3.30E-09	1.68E-07	1.55E-08	2.00E-07
2641	NG_1337	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.207	9.20E-07	1.60E-06	Not Modelled	2.46E-08	8.51E-10	1.30E-05	9.20E-08	1.84E-08	1.84E-15	9.20E-09	2.20E-10	1.62E-10	4.51E-10	1.49E-09	8.78E-09	1.40E-10	3.17E-09	1.61E-07	1.49E-08	1.92E-07
2642	NG_1338	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.207	8.97E-07	1.57E-06	Not Modelled	2.30E-08	8.30E-10	1.27E-05	8.97E-08	1.79E-08	1.79E-15	8.97E-09	2.15E-10	1.58E-10	4.40E-10	1.45E-09	8.57E-09	1.37E-10	3.09E-09	1.57E-07	1.46E-08	1.87E-07
2643	NG_1339	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.207	8.81E-07	1.56E-06	Not Modelled	2.18E-08	8.15E-10	1.25E-05	8.81E-08	1.76E-08	1.76E-15	8.81E-09	2.11E-10	1.55E-10	4.32E-10	1.42E-09	8.41E-09	1.35E-10	3.04E-09	1.54E-07	1.43E-08	1.84E-07
2644	NG_1340	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.207	8.69E-07	1.55E-06	Not Modelled	2.10E-08	8.04E-10	1.23E-05	8.68E-08	1.74E-08	1.74E-15	8.69E-09	2.08E-10	1.53E-10	4.26E-10	1.40E-09	8.29E-09	1.33E-10	2.99E-09	1.52E-07	1.41E-08	1.81E-07
2645	NG_1341	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.207	8.48E-07	1.53E-06	Not Modelled	1.99E-08	7.85E-10	1.19E-05	8.48E-08	1.70E-08	1.70E-15	8.49E-09	2.03E-10	1.50E-10	4.16E-10	1.37E-09	8.10E-09	1.30E-10	2.92E-09	1.49E-07	1.38E-08	1.77E-07
2646	NG_1342	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.207	8.18E-07	1.48E-06	Not Modelled	1.87E-08	7.57E-10	1.13E-05	8.18E-08	1.64E-08	1.64E-15	8.18E-09	1.96E-10	1.44E-10	4.01E-10	1.32E-09	7.81E-09	1.25E-10	2.82E-09	1.43E-07	1.33E-08	1.71E-07
2647	NG_1343	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.207	7.77E-07	1.41E-06	Not Modelled	1.73E-08	7.19E-10	1.05E-05	7.77E-08	1.55E-08	1.55E-15	7.77E-09	1.86E-10	1.37E-10	3.81E-10	1.25E-09	7.42E-09	1.19E-10	2.68E-09	1.36E-07	1.26E-08	1.62E-07
2648	NG_1344	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.207	7.31E-07	1.33E-06	Not Modelled	1.58E-08	6.77E-10	9.59E-06	7.31E-08	1.46E-08	1.46E-15	7.32E-09	1.75E-10	1.29E-10	3.59E-10	1.18E-09	6.98E-09	1.12E-10	2.52E-09	1.28E-07	1.19E-08	1.53E-07
2649	NG_1345	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.207	6.89E-07	1.26E-06	Not Modelled	1.46E-08	6.38E-10	8.81E-06	6.89E-08	1.38E-08	1.38E-15	6.89E-09	1.65E-10	1.21E-10	3.38E-10	1.11E-09	6.58E-09	1.05E-10	2.38E-09	1.21E-07	1.12E-08	1.44E-07
2650	NG_1346	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.207	6.49E-07	1.18E-06	Not Modelled	1.34E-08	6.01E-10	8.10E-06	6.49E-08	1.30E-08	1.30E-15	6.49E-09	1.55E-10	1.14E-10	3.18E-10	1.05E-09	6.20E-09	9.91E-11	2.24E-09	1.14E-07	1.05E-08	1.35E-07
2651	NG_1347	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.207	6.13E-07	1.12E-06	Not Modelled	1.24E-08	5.67E-10	7.49E-06	6.13E-08	1.23E-08	1.23E-15	6.13E-09	1.47E-10	1.08E-10	3.01E-10	9.90E-10	5.85E-09	9.36E-11	2.11E-09	1.07E-07	9.94E-09	1.28E-07
2652	NG_1348	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.207	5.74E-07	1.05E-06	Not Modelled	1.14E-08	5.31E-10	6.82E-06	5.74E-08	1.15E-08	1.15E-15	5.74E-09	1.37E-10	1.01E-10	2.82E-10	9.27E-10	5.48E-09	8.77E-11	1.98E-09	1.01E-07	9.31E-09	1.20E-07
2653	NG_1349	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.207	5.42E-07	9.91E-07	Not Modelled	1.05E-08	5.01E-10	6.29E-06	5.42E-08	1.08E-08	1.08E-15	5.42E-09	1.30E-10	9.55E-11	2.66E-10	8.75E-10	5.17E-09	8.27E-11	1.87E-09	9.49E-08	8.79E-09	1.13E-07
2654	NG_1350	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.207	5.15E-07	9.42E-07	Not Modelled	9.80E-09	4.76E-10	5.86E-06	5.14E-08	1.03E-08	1.03E-15	5.15E-09	1.23E-10	9.07E-11	2.52E-10	8.31E-10	4.91E-09	7.86E-11	1.77E-09	9.01E-08	8.35E-09	1.07E-07
2655	NG_1351	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.207	4.94E-07	9.05E-07	Not Modelled	9.25E-09	4.57E-10	5.53E-06	4.93E-08	9.87E-09	9.87E-16	4.94E-09	1.18E-10	8.70E-11	2.42E-10	7.97E-10	4.71E-09	7.53E-11	1.70E-09	8.64E-08	8.01E-09	1.03E-07
2656	NG_1352	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.207	4.76E-07	8.74E-07	Not Modelled	8.83E-09	4.40E-10	5.27E-06	4.76E-08	9.52E-09	9.52E-16	4.76E-09	1.14E-10	8.39E-11	2.33E-10	7.69E-10	4.55E-09	7.27E-11	1.64E-09	8.33E-08	7.72E-09	9.93E-08
2657	NG_1353	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.207	4.62E-07	8.49E-07	Not Modelled	8.49E-09	4.27E-10	5.05E-06	4.62E-08	9.23E-09	9.23E-16	4.62E-09	1.10E-10	8.14E-11	2.26E-10	7.45E-10	4.41E-09	7.05E-11	1.59E-09	8.08E-08	7.49E-09	9.63E-08
2658	NG_1354	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.257	3.14E-07	5.34E-07	Not Modelled	1.23E-08	2.90E-10	7.08E-06	3.13E-08	6.27E-09	6.27E-16	3.13E-09	7.50E-11	5.52E-11	1.54E-10	5.06E-10	2.99E-09	4.78E-11	1.08E-09	5.49E-08	5.08E-09	6.54E-08
2659	NG_1355	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.257	3.37E-07	5.73E-07	Not Modelled	1.29E-08	3.12E-10	7.42E-06	3.37E-08	6.74E-09	6.74E-16	3.37E-09	8.06E-11	5.94E-11	1.65E-10	5.44E-10	3.22E-09	5.14E-11	1.16E-09	5.90E-08	5.47E-09	7.03E-08
2660	NG_1356	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.257	3.66E-07	6.21E-07	Not Modelled	1.37E-08	3.38E-10	7.79E-06	3.66E-08	7.31E-09	7.31E-16	3.66E-09	8.75E-11	6.45E-11	1.79E-10	5.91E-10	3.49E-09	5.58E-11	1.26E-09	6.40E-08	5.93E-09	7.63E-08
2661	NG_1357	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.257	4.02E-07	6.81E-07	Not Modelled	1.46E-08	3.72E-10	8.23E-06	4.02E-08	8.03E-09	8.03E-16	4.02E-09	9.61E-11	7.08E-11	1.97E-10	6.49E-10	3.83E-09	6.13E-11	1.38E-09	7.03E-08	6.52E-09	8.38E-08
2662	NG_1358	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.257	4.46E-07	7.56E-07	Not Modelled	1.57E-08	4.13E-10	8.73E-06	4.46E-08	8.92E-09	8.92E-16	4.46E-09	1.07E-10	7.86E-11	2.19E-10	7.20E-10	4.26E-09	6.81E-11	1.54E-09	7.81E-08	7.24E-09	9.31E-08
2663	NG_1359	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.257	5.02E-07	8.51E-07	Not Modelled	1.70E-08	4.64E-10	9.36E-06	5.02E-08	1.00E-08	1.00E-15	5.02E-09	1.20E-10	8.84E-11	2.46E-10	8.10E-10	4.79E-09	7.66E-11	1.73E-09	8.78E-08	8.14E-09	1.05E-07
2664	NG_1360	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.257	5.74E-07	9.77E-07	Not Modelled	1.87E-08	5.31E-10	1.03E-05	5.74E-08	1.15E-08	1.15E-15	5.74E-09	1.37E-10	1.01E-10	2.81E-10	9.27E-10	5.48E-09	8.76E-11	1.98E-09	1.00E-07	9.31E-09	1.20E-07
2665	NG_1361	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.257	6.67E-07	1.14E-06	Not Modelled	2.09E-08	6.17E-10	1.15E-05	6.67E-08	1.33E-08	1.33E-15	6.67E-09	1.59E-10	1.18E-10	3.27E-10	1.08E-09	6.36E-09	1.02E-10	2.30E-09	1.17E-07	1.08E-08	1.39E-07
2666	NG_1362	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.257	7.79E-07	1.34E-06	Not Modelled	2.36E-08	7.21E-10	1.29E-05	7.79E-08	1.56E-08	1.56E-15	7.79E-09	1.86E-10	1.37E-10	3.82E-10	1.26E-09	7.44E-09	1.19E-10	2.68E-09	1.36E-07	1.26E-08	1.63E-07
2667	NG_1363	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.257	9.09E-07	1.57E-06	Not Modelled	2.68E-08	8.41E-10	1.44E-05	9.09E-08	1.82E-08	1.82E-15	9.09E-09	2.17E-10	1.60E-10	4.46E-10	1.47E-09	8.68E-09	1.39E-10	3.13E-09	1.59E-07	1.47E-08	1.90E-07
2668	NG_1364	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.257	1.06E-06	1.85E-06	Not Modelled	3.05E-08	9.82E-10	1.63E-05	1.06E-07	2.12E-08	2.12E-15	1.06E-08	2.54E-10	1.87E-10	5.20E-10	1.71E-09	1.01E-08	1.62E-10	3.66E-09	1.86E-07	1.72E-08	2.21E-07
2669	NG_1365	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.257	1.23E-06	2.15E-06	Not Modelled	3.46E-08	1.13E-09	1.85E-05	1.22E-07	2.45E-08	2.45E-15	1.23E-08	2.93E-10	2.16E-10	6.01E-10	1.98E-09	1.17E-08	1.87E-10	4.22E-09	2.14E-07	1.99E-08	2.56E-07
2670	NG_1366	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.257	1.38E-06	2.43E-06	Not Modelled	3.88E-08	1.27E-09	2.07E-05	1.38E-07	2.75E-08	2.75E-15	1.38E-08	3.30E-10	2.43E-10	6.76E-10	2.22E-09	1.32E-08	2.10E-10	4.75E-09	2.41E-07	2.23E-08	2.88E-07
2671	NG_1367	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.257	1.48E-06	2.61E-06	Not Modelled	4.22E-08	1.37E-09	2.24E-05	1.48E-07	2.96E-08	2.96E-15	1.48E-08	3.55E-10	2.61E-10	7.27E-10	2.39E-09	1.42E-08	2.26E-10	5.11E-09	2.60E-07	2.41E-08	3.09E-07
2672	NG_1368	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.257	1.53E-06	2.68E-06	Not Modelled	4.45E-08	1.41E-09	2.33E-05	1.53E-07	3.05E-08	3.05E-15	1.53E-08	3.65E-10	2.69E-10	7.49E-10	2.47E-09	1.46E-08	2.33E-10	5.26E-09	2.67E-07	2.48E-08	3.19E-07
2673	NG_1369	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.257	1.52E-06	2.65E-06	Not Modelled	4.56E-08	1.41E-09	2.34E-05	1.52E-07	3.04E-08	3.04E-15	1.52E-08	3.64E-10	2.68E-10	7.46E-10	2.46E-09	1.45E-08	2.32E-10	5.24E-09	2.66E-07	2.47E-08	3.17E-07
2678	NG_1374	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.257	1.17E-06	1.99E-06	Not Modelled	3.44E-08	1.08E-09	1.59E-05	1.17E-07	2.34E-08	2.34E-15	1.17E-08	2.79E-10	2.06E-10	5.73E-10	1.89E-09	1.12E-08	1.78E-10	4.03E-09	2.05E-07	1.90E-08	2.44E-07
2679	NG_1375	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.257	1.09E-06	1.86E-06	Not Modelled	3.07E-08	1.01E-09	1.43E-05	1.09E-07	2.18E-08	2.18E-15	1.09E-08	2.60E-10	1.92E-10	5.34E-10	1.76E-09	1.04E-08	1.66E-10	3.75E-09	1.91E-07	1.77E-08	2.27E-07
2680	NG_1376	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.257	1.02E-06	1.75E-06	Not Modelled	2.75E-08	9.45E-10	1.31E-05	1.02E-07	2.04E-08	2.04E-15	1.02E-08	2.44E-10	1.80E-10	5.01E-10	1.65E-09	9.75E-09	1.56E-10	3.52E-09	1.79E-07	1.66E-08	2.13E-07
2681	NG_1377	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.257	9.70E-07	1.67E-06	Not Modelled	2.50E-08	8.98E-10	1.23E-05	9.70E-08	1.94E-08	1.94E-15	9.71E-09	2.32E-10	1.71E-10	4.76E-10	1.57E-09	9.26E-09	1.48E-10	3.34E-09	1.70E-07	1.57E-08	2.03E-07
2682	NG_1378	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.257	9.37E-07	1.63E-06	Not Modelled	2.31E-08	8.67E-10	1.19E-05	9.37E-08	1.87E-08	1.87E-15	9.37E-09	2.24E-10	1.65E-10	4.60E-10	1.51E-09	8.95E-09	1.43E-10	3.23E-09	1.64E-07	1.52E-08	1.96E-07
2683	NG_1379	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.257	9.14E-07	1.60E-06	Not Modelled	2.17E-08	8.45E-10	1.17E-05	9.13E-08	1.83E-08	1.83E-15	9.14E-09	2.19E-10	1.61E-10	4.48E-10	1.48E-09	8.72E-09	1.39E-10	3.15E-09	1.60E-07	1.48E-08	1.91E-07
2684	NG_1380	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.257	8.97E-07	1.58E-06	Not Modelled	2.07E-08	8.29E-10	1.16E-05	8.96E-08	1.79E-08	1.79E-15	8.97E-09	2.14E-10	1.58E-10	4.40E-10	1.45E-09	8.56E-09	1.37E-10	3.09E-09	1.57E-07	1.45E-08	1.87E-07
2685	NG_1381	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.257	8.83E-07	1.57E-06	Not Modelled	2.00E-08	8.17E-10	1.15E-05	8.83E-08	1.76E-08	1.76E-15	8.83E-09	2.11E-10	1.56E-10	4.33E-10	1.43E-09	8.43E-09	1.35E-10	3.04E-09	1.55E-07	1.43E-08	1.84E-07

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 2 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**3.08E-06**	**5.69E-06**	**0.00E+00**	**3.69E-07**	**2.85E-09**	**1.88E-04**	**3.08E-07**	**6.16E-08**	**6.16E-15**	**3.08E-08**	**7.37E-10**	**5.43E-10**	**1.51E-09**	**4.98E-09**	**2.94E-08**	**4.71E-10**	**1.06E-08**	**5.40E-07**	**5.00E-08**	**6.43E-07**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2686	NG_1382	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.257	8.68E-07	1.56E-06	Not Modelled	1.92E-08	8.03E-10	1.13E-05	8.68E-08	1.74E-08	1.74E-15	8.68E-09	2.08E-10	1.53E-10	4.26E-10	1.40E-09	8.29E-09	1.33E-10	2.99E-09	1.52E-07	1.41E-08	1.81E-07
2687	NG_1383	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.257	8.40E-07	1.52E-06	Not Modelled	1.82E-08	7.77E-10	1.09E-05	8.40E-08	1.68E-08	1.68E-15	8.40E-09	2.01E-10	1.48E-10	4.12E-10	1.36E-09	8.02E-09	1.28E-10	2.89E-09	1.47E-07	1.36E-08	1.75E-07
2688	NG_1384	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.257	7.95E-07	1.44E-06	Not Modelled	1.69E-08	7.36E-10	1.01E-05	7.95E-08	1.59E-08	1.59E-15	7.96E-09	1.90E-10	1.40E-10	3.90E-10	1.28E-09	7.59E-09	1.21E-10	2.74E-09	1.39E-07	1.29E-08	1.66E-07
2689	NG_1385	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.257	7.51E-07	1.37E-06	Not Modelled	1.57E-08	6.95E-10	9.29E-06	7.51E-08	1.50E-08	1.50E-15	7.51E-09	1.80E-10	1.32E-10	3.68E-10	1.21E-09	7.17E-09	1.15E-10	2.59E-09	1.31E-07	1.22E-08	1.57E-07
2690	NG_1386	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.257	7.08E-07	1.29E-06	Not Modelled	1.45E-08	6.55E-10	8.58E-06	7.08E-08	1.42E-08	1.42E-15	7.08E-09	1.69E-10	1.25E-10	3.47E-10	1.14E-09	6.76E-09	1.08E-10	2.44E-09	1.24E-07	1.15E-08	1.48E-07
2691	NG_1387	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.257	6.70E-07	1.22E-06	Not Modelled	1.36E-08	6.20E-10	8.01E-06	6.70E-08	1.34E-08	1.34E-15	6.70E-09	1.60E-10	1.18E-10	3.29E-10	1.08E-09	6.40E-09	1.02E-10	2.31E-09	1.17E-07	1.09E-08	1.40E-07
2692	NG_1388	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.257	6.30E-07	1.15E-06	Not Modelled	1.25E-08	5.82E-10	7.38E-06	6.29E-08	1.26E-08	1.26E-15	6.30E-09	1.51E-10	1.11E-10	3.09E-10	1.02E-09	6.01E-09	9.61E-11	2.17E-09	1.10E-07	1.02E-08	1.31E-07
2693	NG_1389	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.257	5.89E-07	1.08E-06	Not Modelled	1.15E-08	5.44E-10	6.75E-06	5.88E-08	1.18E-08	1.18E-15	5.89E-09	1.41E-10	1.04E-10	2.89E-10	9.50E-10	5.62E-09	8.99E-11	2.03E-09	1.03E-07	9.55E-09	1.23E-07
2694	NG_1390	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.257	5.50E-07	1.00E-06	Not Modelled	1.06E-08	5.08E-10	6.15E-06	5.49E-08	1.10E-08	1.10E-15	5.50E-09	1.31E-10	9.69E-11	2.69E-10	8.87E-10	5.25E-09	8.39E-11	1.89E-09	9.62E-08	8.91E-09	1.15E-07
2695	NG_1391	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.257	5.21E-07	9.52E-07	Not Modelled	9.84E-09	4.82E-10	5.74E-06	5.21E-08	1.04E-08	1.04E-15	5.21E-09	1.25E-10	9.18E-11	2.55E-10	8.41E-10	4.97E-09	7.95E-11	1.79E-09	9.11E-08	8.45E-09	1.09E-07
2696	NG_1392	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.257	4.99E-07	9.14E-07	Not Modelled	9.29E-09	4.62E-10	5.44E-06	4.99E-08	9.98E-09	9.98E-16	4.99E-09	1.19E-10	8.79E-11	2.45E-10	8.06E-10	4.76E-09	7.62E-11	1.72E-09	8.73E-08	8.09E-09	1.04E-07
2697	NG_1393	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.257	4.78E-07	8.76E-07	Not Modelled	8.77E-09	4.42E-10	5.13E-06	4.78E-08	9.55E-09	9.55E-16	4.78E-09	1.14E-10	8.42E-11	2.34E-10	7.71E-10	4.56E-09	7.29E-11	1.65E-09	8.36E-08	7.75E-09	9.97E-08
2698	NG_1394	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.257	4.58E-07	8.41E-07	Not Modelled	8.32E-09	4.24E-10	4.86E-06	4.58E-08	9.16E-09	9.16E-16	4.58E-09	1.10E-10	8.07E-11	2.25E-10	7.39E-10	4.37E-09	6.99E-11	1.58E-09	8.02E-08	7.43E-09	9.56E-08
2699	NG_1395	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.307	3.30E-07	5.60E-07	Not Modelled	1.17E-08	3.05E-10	6.71E-06	3.30E-08	6.60E-09	6.60E-16	3.30E-09	7.89E-11	5.81E-11	1.62E-10	5.33E-10	3.15E-09	5.04E-11	1.14E-09	5.77E-08	5.35E-09	6.88E-08
2700	NG_1396	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.307	3.56E-07	6.03E-07	Not Modelled	1.23E-08	3.29E-10	7.01E-06	3.55E-08	7.11E-09	7.11E-16	3.56E-09	8.50E-11	6.26E-11	1.74E-10	5.74E-10	3.39E-09	5.43E-11	1.23E-09	6.22E-08	5.77E-09	7.42E-08
2701	NG_1397	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.307	3.88E-07	6.56E-07	Not Modelled	1.31E-08	3.58E-10	7.38E-06	3.87E-08	7.74E-09	7.74E-16	3.87E-09	9.26E-11	6.82E-11	1.90E-10	6.25E-10	3.70E-09	5.91E-11	1.33E-09	6.78E-08	6.28E-09	8.08E-08
2702	NG_1398	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.307	4.26E-07	7.22E-07	Not Modelled	1.40E-08	3.94E-10	7.81E-06	4.26E-08	8.51E-09	8.51E-16	4.26E-09	1.02E-10	7.50E-11	2.09E-10	6.87E-10	4.06E-09	6.50E-11	1.47E-09	7.45E-08	6.91E-09	8.89E-08
2703	NG_1399	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.307	4.73E-07	8.02E-07	Not Modelled	1.51E-08	4.38E-10	8.31E-06	4.73E-08	9.46E-09	9.46E-16	4.73E-09	1.13E-10	8.34E-11	2.32E-10	7.64E-10	4.52E-09	7.22E-11	1.63E-09	8.28E-08	7.67E-09	9.87E-08
2704	NG_1400	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.307	5.32E-07	9.02E-07	Not Modelled	1.65E-08	4.92E-10	8.93E-06	5.31E-08	1.06E-08	1.06E-15	5.31E-09	1.27E-10	9.36E-11	2.61E-10	8.58E-10	5.07E-09	8.11E-11	1.83E-09	9.30E-08	8.62E-09	1.11E-07
2705	NG_1401	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.307	6.08E-07	1.04E-06	Not Modelled	1.84E-08	5.62E-10	9.86E-06	6.08E-08	1.22E-08	1.22E-15	6.08E-09	1.45E-10	1.07E-10	2.98E-10	9.81E-10	5.80E-09	9.28E-11	2.09E-09	1.06E-07	9.86E-09	1.27E-07
2706	NG_1402	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.307	7.06E-07	1.21E-06	Not Modelled	2.08E-08	6.53E-10	1.11E-05	7.05E-08	1.41E-08	1.41E-15	7.06E-09	1.69E-10	1.24E-10	3.46E-10	1.14E-09	6.73E-09	1.08E-10	2.43E-09	1.23E-07	1.14E-08	1.47E-07
2707	NG_1403	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.307	8.18E-07	1.41E-06	Not Modelled	2.35E-08	7.56E-10	1.25E-05	8.17E-08	1.63E-08	1.63E-15	8.18E-09	1.96E-10	1.44E-10	4.01E-10	1.32E-09	7.80E-09	1.25E-10	2.82E-09	1.43E-07	1.33E-08	1.71E-07
2708	NG_1404	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.307	9.39E-07	1.63E-06	Not Modelled	2.64E-08	8.68E-10	1.38E-05	9.38E-08	1.88E-08	1.88E-15	9.39E-09	2.25E-10	1.65E-10	4.60E-10	1.52E-09	8.96E-09	1.43E-10	3.23E-09	1.64E-07	1.52E-08	1.96E-07
2709	NG_1405	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.307	1.08E-06	1.88E-06	Not Modelled	2.98E-08	9.99E-10	1.54E-05	1.08E-07	2.16E-08	2.16E-15	1.08E-08	2.58E-10	1.90E-10	5.29E-10	1.74E-09	1.03E-08	1.65E-10	3.72E-09	1.89E-07	1.75E-08	2.25E-07
2710	NG_1406	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.307	1.24E-06	2.17E-06	Not Modelled	3.38E-08	1.14E-09	1.75E-05	1.24E-07	2.47E-08	2.47E-15	1.24E-08	2.96E-10	2.18E-10	6.06E-10	2.00E-09	1.18E-08	1.89E-10	4.26E-09	2.17E-07	2.01E-08	2.58E-07
2711	NG_1407	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.307	1.38E-06	2.42E-06	Not Modelled	3.77E-08	1.27E-09	1.95E-05	1.38E-07	2.75E-08	2.75E-15	1.38E-08	3.29E-10	2.43E-10	6.75E-10	2.22E-09	1.31E-08	2.10E-10	4.74E-09	2.41E-07	2.23E-08	2.87E-07
2712	NG_1408	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.307	1.46E-06	2.58E-06	Not Modelled	4.07E-08	1.36E-09	2.08E-05	1.46E-07	2.93E-08	2.93E-15	1.47E-08	3.50E-10	2.58E-10	7.18E-10	2.37E-09	1.40E-08	2.24E-10	5.05E-09	2.56E-07	2.38E-08	3.06E-07
2713	NG_1409	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.307	1.49E-06	2.61E-06	Not Modelled	4.24E-08	1.38E-09	2.13E-05	1.49E-07	2.98E-08	2.98E-15	1.49E-08	3.57E-10	2.63E-10	7.31E-10	2.41E-09	1.42E-08	2.28E-10	5.14E-09	2.61E-07	2.42E-08	3.11E-07
2714	NG_1410	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.307	1.48E-06	2.56E-06	Not Modelled	4.30E-08	1.37E-09	2.12E-05	1.48E-07	2.95E-08	2.95E-15	1.48E-08	3.53E-10	2.60E-10	7.24E-10	2.38E-09	1.41E-08	2.25E-10	5.09E-09	2.58E-07	2.39E-08	3.08E-07
2715	NG_1411	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.307	1.44E-06	2.49E-06	Not Modelled	4.29E-08	1.33E-09	2.07E-05	1.44E-07	2.88E-08	2.88E-15	1.44E-08	3.45E-10	2.54E-10	7.07E-10	2.33E-09	1.38E-08	2.20E-10	4.97E-09	2.52E-07	2.34E-08	3.01E-07
2716	NG_1412	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.307	1.40E-06	2.40E-06	Not Modelled	4.18E-08	1.29E-09	2.00E-05	1.40E-07	2.79E-08	2.79E-15	1.40E-08	3.34E-10	2.46E-10	6.84E-10	2.25E-09	1.33E-08	2.13E-10	4.81E-09	2.44E-07	2.26E-08	2.91E-07
2717	NG_1413	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.307	1.32E-06	2.27E-06	Not Modelled	3.92E-08	1.22E-09	1.83E-05	1.32E-07	2.65E-08	2.65E-15	1.32E-08	3.17E-10	2.33E-10	6.49E-10	2.14E-09	1.26E-08	2.02E-10	4.56E-09	2.32E-07	2.15E-08	2.76E-07
2718	NG_1414	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.307	1.23E-06	2.10E-06	Not Modelled	3.55E-08	1.14E-09	1.60E-05	1.23E-07	2.47E-08	2.47E-15	1.23E-08	2.95E-10	2.18E-10	6.05E-10	1.99E-09	1.18E-08	1.88E-10	4.25E-09	2.16E-07	2.00E-08	2.58E-07
2719	NG_1415	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.307	1.15E-06	1.96E-06	Not Modelled	3.19E-08	1.07E-09	1.42E-05	1.15E-07	2.30E-08	2.30E-15	1.15E-08	2.76E-10	2.03E-10	5.65E-10	1.86E-09	1.10E-08	1.76E-10	3.97E-09	2.02E-07	1.87E-08	2.40E-07
2720	NG_1416	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.307	1.08E-06	1.84E-06	Not Modelled	2.87E-08	1.00E-09	1.29E-05	1.08E-07	2.16E-08	2.16E-15	1.08E-08	2.59E-10	1.91E-10	5.31E-10	1.75E-09	1.03E-08	1.65E-10	3.73E-09	1.89E-07	1.76E-08	2.26E-07
2721	NG_1417	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.307	1.02E-06	1.75E-06	Not Modelled	2.59E-08	9.45E-10	1.20E-05	1.02E-07	2.04E-08	2.04E-15	1.02E-08	2.44E-10	1.80E-10	5.01E-10	1.65E-09	9.76E-09	1.56E-10	3.52E-09	1.79E-07	1.66E-08	2.13E-07
2722	NG_1418	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.307	9.73E-07	1.67E-06	Not Modelled	2.36E-08	9.00E-10	1.13E-05	9.72E-08	1.94E-08	1.94E-15	9.73E-09	2.33E-10	1.71E-10	4.77E-10	1.57E-09	9.28E-09	1.48E-10	3.35E-09	1.70E-07	1.58E-08	2.03E-07
2723	NG_1419	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.307	9.36E-07	1.62E-06	Not Modelled	2.18E-08	8.66E-10	1.10E-05	9.36E-08	1.87E-08	1.87E-15	9.37E-09	2.24E-10	1.65E-10	4.59E-10	1.51E-09	8.94E-09	1.43E-10	3.23E-09	1.64E-07	1.52E-08	1.95E-07
2724	NG_1420	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.307	9.08E-07	1.58E-06	Not Modelled	2.05E-08	8.40E-10	1.07E-05	9.08E-08	1.82E-08	1.82E-15	9.08E-09	2.17E-10	1.60E-10	4.45E-10	1.47E-09	8.67E-09	1.39E-10	3.13E-09	1.59E-07	1.47E-08	1.89E-07
2725	NG_1421	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.307	8.86E-07	1.56E-06	Not Modelled	1.95E-08	8.20E-10	1.05E-05	8.86E-08	1.77E-08	1.77E-15	8.86E-09	2.12E-10	1.56E-10	4.34E-10	1.43E-09	8.46E-09	1.35E-10	3.05E-09	1.55E-07	1.44E-08	1.85E-07
2726	NG_1422	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.307	8.77E-07	1.56E-06	Not Modelled	1.90E-08	8.11E-10	1.06E-05	8.77E-08	1.75E-08	1.75E-15	8.77E-09	2.10E-10	1.55E-10	4.30E-10	1.42E-09	8.37E-09	1.34E-10	3.02E-09	1.54E-07	1.42E-08	1.83E-07
2727	NG_1423	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.307	8.66E-07	1.55E-06	Not Modelled	1.84E-08	8.02E-10	1.06E-05	8.66E-08	1.73E-08	1.73E-15	8.67E-09	2.07E-10	1.53E-10	4.25E-10	1.40E-09	8.27E-09	1.32E-10	2.99E-09	1.52E-07	1.41E-08	1.81E-07
2728	NG_1424	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.307	8.41E-07	1.52E-06	Not Modelled	1.76E-08	7.78E-10	1.03E-05	8.41E-08	1.68E-08	1.68E-15	8.42E-09	2.01E-10	1.48E-10	4.13E-10	1.36E-09	8.03E-09	1.28E-10	2.90E-09	1.47E-07	1.36E-08	1.76E-07
2729	NG_1425	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.307	8.01E-07	1.45E-06	Not Modelled	1.65E-08	7.41E-10	9.61E-06	8.01E-08	1.60E-08	1.60E-15	8.01E-09	1.92E-10	1.41E-10	3.93E-10	1.29E-09	7.65E-09	1.22E-10	2.76E-09	1.40E-07	1.30E-08	1.67E-07
2730	NG_1426	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.307	7.55E-07	1.37E-06	Not Modelled	1.54E-08	6.98E-10	8.88E-06	7.55E-08	1.51E-08	1.51E-15	7.55E-09	1.81E-10	1.33E-10	3.70E-10	1.22E-09	7.21E-09	1.15E-10	2.60E-09	1.32E-07	1.22E-08	1.58E-07
2731	NG_1427	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.307	7.15E-07	1.30E-06	Not Modelled	1.44E-08	6.61E-10	8.31E-06	7.15E-08	1.43E-08	1.43E-15	7.15E-09	1.71E-10	1.26E-10	3.51E-10	1.15E-09	6.82E-09	1.09E-10	2.46E-09	1.25E-07	1.16E-08	1.49E-07
2732	NG_1428	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.307	6.78E-07	1.24E-06	Not Modelled	1.35E-08	6.27E-10	7.80E-06	6.77E-08	1.35E-08	1.35E-15	6.78E-09	1.62E-10	1.19E-10	3.32E-10	1.09E-09	6.47E-09	1.03E-10	2.34E-09	1.19E-07	1.10E-08	1.41E-07
2733	NG_1429	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.307	6.38E-07	1.17E-06	Not Modelled	1.26E-08	5.90E-10	7.25E-06	6.38E-08	1.28E-08	1.28E-15	6.38E-09	1.53E-10	1.12E-10	3.13E-10	1.03E-09	6.09E-09	9.74E-11	2.20E-09	1.12E-07	1.04E-08	1.33E-07
2734	NG_1430	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.307	5.95E-07	1.09E-06	Not Modelled	1.16E-08	5.51E-10	6.63E-06	5.95E-08	1.19E-08	1.19E-15	5.95E-09	1.42E-10	1.05E-10	2.92E-10	9.61E-10	5.68E-09	9.09E-11	2.05E-09	1.04E-07	9.65E-09	1.24E-07
2735	NG_1431	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.307	5.54E-07	1.01E-06	Not Modelled	1.06E-08	5.12E-10	6.04E-06	5.54E-08	1.11E-08	1.11E-15	5.54E-09	1.33E-10	9.76E-11	2.72E-10	8.94E-10	5.29E-09	8.46E-11	1.91E-09	9.70E-08	8.99E-09	1.16E-07
2736	NG_1432	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.307	5.24E-07	9.58E-07	Not Modelled	9.92E-09	4.85E-10	5.66E-06	5.24E-08	1.05E-08	1.05E-15	5.24E-09	1.25E-10	9.24E-11	2.57E-10	8.47E-10	5.01E-09	8.00E-11	1.81E-09	9.18E-08	8.50E-09	1.09E-07
2737	NG_1433	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.307	5.02E-07	9.19E-07	Not Modelled	9.37E-09	4.64E-10	5.38E-06	5.02E-08	1.00E-08	1.00E-15	5.02E-09	1.20E-10	8.85E-11	2.46E-10	8.10E-10	4.79E-09	7.66E-11	1.73E-09	8.79E-08	8.14E-09	1.05E-07
2738	NG_1434	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.307	4.79E-07	8.79E-07	Not Modelled	8.82E-09	4.43E-10	5.08E-06	4.79E-08	9.58E-09	9.58E-16	4.79E-09	1.15E-10	8.45E-11	2.35E-10	7.74E-10	4.58E-09	7.32E-11	1.65E-09	8.39E-08	7.78E-09	1.00E-07
2739	NG_1435	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.307	4.54E-07	8.32E-07	Not Modelled	8.25E-09	4.20E-10	4.73E-06	4.54E-08	9.08E-09	9.08E-16	4.54E-09	1.09E-10	8.00E-11	2.23E-10	7.33E-10	4.33E-09	6.93E-11	1.56E-09	7.95E-08	7.36E-09	9.47E-08
2740	NG_1436	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.357	3.49E-07	5.90E-07	Not Modelled	1.12E-08	3.22E-10	6.36E-06	3.48E-08	6.96E-09	6.96E-16	3.48E-09	8.33E-11	6.13E-11	1.71E-10	5.62E-10	3.32E-09	5.31E-11	1.20E-09	6.09E-08	5.65E-09	7.26E-08
2741	NG_1437	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.357	3.77E-07	6.39E-07	Not Modelled	1.18E-08	3.49E-10	6.68E-06	3.77E-08	7.53E-09	7.53E-16	3.77E-09	9.01E-11	6.64E-11	1.85E-10	6.08E-10	3.60E-09	5.75E-11	1.30E-09	6.59E-08	6.11E-09	7.86E-08
2742	NG_1438	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.357	4.12E-07	6.98E-07	Not Modelled	1.26E-08	3.81E-10	7.05E-06	4.11E-08	8.23E-09	8.23E-16	4.12E-09	9.84E-11	7.25E-11	2.02E-10	6.64E-10	3.93E-09	6.28E-11	1.42E-09	7.20E-08	6.68E-09	8.59E-08
2743	NG_1439	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.357	4.54E-07	7.69E-07	Not Modelled	1.36E-08	4.19E-10	7.49E-06	4.53E-08	9.06E-09	9.06E-16	4.53E-09	1.08E-10	7.99E-11	2.22E-10	7.32E-10	4.33E-09	6.92E-11	1.56E-09	7.93E-08	7.35E-09	9.45E-08
2744	NG_1440	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.357	5.04E-07	8.56E-07	Not Modelled	1.48E-08	4.66E-10	8.03E-06	5.03E-08	1.01E-08	1.01E-15	5.04E-09	1.20E-10	8.87E-11	2.47E-10	8.13E-10	4.81E-09	7.69E-11	1.74E-09	8.81E-08	8.17E-09	1.05E-07
2745	NG_1441	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.357	5.66E-07	9.64E-07	Not Modelled	1.63E-08	5.23E-10	8.72E-06	5.65E-08	1.13E-08	1.13E-15	5.66E-09	1.35E-10	9.97E-11	2.77E-10	9.13E-10	5.40E-09	8.63E-11	1.95E-09	9.90E-08	9.17E-09	1.18E-07
2746	NG_1442	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.357	6.43E-07	1.10E-06	Not Modelled	1.82E-08	5.95E-10	9.64E-06	6.43E-08	1.29E-08	1.29E-15	6.43E-09	1.54E-10	1.13E-10	3.15E-10	1.04E-09	6.14E-09	9.82E-11	2.22E-09	1.13E-07	1.04E-08	1.34E-07
2747	NG_1443	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.357	7.40E-07	1.27E-06	Not Modelled	2.06E-08	6.84E-10	1.08E-05	7.39E-08	1.48E-08	1.48E-15	7.40E-09	1.77E-10	1.30E-10	3.63E-10	1.19E-09	7.06E-09	1.13E-10	2.55E-09	1.29E-07	1.20E-08	1.54E-07
2748	NG_1444	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.357	8.48E-07	1.47E-06	Not Modelled	2.32E-08	7.84E-10	1.21E-05	8.48E-08	1.70E-08	1.70E-15	8.48E-09	2.03E-10	1.49E-10	4.16E-10	1.37E-09	8.09E-09	1.29E-10	2.92E-09	1.48E-07	1.38E-08	1.77E-07
2749	NG_1445	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.357	9.65E-07	1.68E-06	Not Modelled	2.61E-08	8.92E-10	1.33E-05	9.64E-08	1.93E-08	1.93E-15	9.65E-09	2.31E-10	1.70E-10	4.73E-10	1.56E-09	9.21E-09	1.47E-10	3.32E-09	1.69E-07	1.56E-08	2.01E-07
2750	NG_1446	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.357	1.09E-06	1.91E-06	Not Modelled	2.93E-08	1.01E-09	1.48E-05	1.09E-07	2.18E-08	2.18E-15	1.09E-08	2.61E-10	1.93E-10	5.36E-10	1.76E-09	1.04E-08	1.67E-10	3.77E-09	1.91E-07	1.77E-08	2.28E-07
2751	NG_1447	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.357	1.22E-06	2.15E-06	Not Modelled	3.27E-08	1.13E-09	1.64E-05	1.22E-07	2.45E-08	2.45E-15	1.22E-08	2.93E-10	2.16E-10	6.00E-10	1.98E-09	1.17E-08	1.87E-10	4.22E-09	2.14E-07	1.99E-08	2.56E-07
2752	NG_1448	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.357	1.34E-06	2.35E-06	Not Modelled	3.59E-08	1.24E-09	1.79E-05	1.34E-07	2.67E-08	2.67E-15	1.34E-08	3.20E-10	2.36E-10	6.55E-10	2.16E-09	1.28E-08	2.04E-10	4.61E-09	2.34E-07	2.17E-08	2.79E-07
2753	NG_1449	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.357	1.41E-06	2.46E-06	Not Modelled	3.84E-08	1.30E-09	1.88E-05	1.41E-07	2.81E-08	2.81E-15	1.41E-08	3.36E-10	2.48E-10	6.89E-10	2.27E-09	1.34E-08	2.15E-10	4.84E-09	2.46E-07	2.28E-08	2.93E-07
2754	NG_1450	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.357	1.43E-06	2.49E-06	Not Modelled	4.00E-08	1.32E-09	1.92E-05	1.43E-07	2.85E-08	2.85E-15	1.43E-08	3.41E-10	2.52E-10	7.00E-10	2.30E-09	1.36E-08	2.18E-10	4.92E-09	2.50E-07	2.32E-08	2.98E-07
2755	NG_1451	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.357	1.41E-06	2.45E-06	Not Modelled	4.05E-08	1.31E-09	1.91E-05	1.41E-07	2.82E-08	2.82E-15	1.41E-08	3.38E-10	2.49E-10	6.92E-10	2.28E-09	1.35E-08	2.16E-10	4.87E-09	2.47E-07	2.29E-08	2.95E-07
2756	NG_1452	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.357	1.38E-06	2.37E-06	Not Modelled	4.01E-08	1.27E-09	1.85E-05	1.38E-07	2.75E-08	2.75E-15	1.38E-08	3.29E-10	2.43E-10	6.75E-10	2.22E-09	1.31E-08	2.10E-10	4.75E-09	2.41E-07	2.23E-08	2.87E-07
2757	NG_1453	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.357	1.33E-06	2.29E-06	Not Modelled	3.89E-08	1.23E-09	1.77E-05	1.33E-07	2.67E-08	2.67E-15	1.33E-08	3.19E-10	2.35E-10	6.54E-10	2.15E-09	1.27E-08	2.04E-10	4.59E-09	2.33E-07	2.16E-08	2.78E-07
2758	NG_1454	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.357	1.27E-06	2.18E-06	Not Modelled	3.65E-08	1.18E-09	1.63E-05	1.27E-07	2.54E-08	2.54E-15	1.27E-08	3.04E-10	2.24E-10	6.24E-10	2.05E-09	1.21E-08	1.94E-10	4.39E-09	2.23E-07	2.06E-08	2.66E-07
2759	NG_1455	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.357	1.20E-06	2.04E-06	Not Modelled	3.33E-08	1.11E-09	1.46E-05	1.20E-07	2.40E-08	2.40E-15	1.20E-08	2.87E-10	2.11E-10	5.88E-10	1.94E-09	1.15E-08	1.83E-10	4.14E-09	2.10E-07	1.95E-08	2.50E-07
2760	NG_1456	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.357	1.13E-06	1.92E-06	Not Modelled	3.02E-08	1.05E-09	1.31E-05	1.13E-07	2.26E-08	2.26E-15	1.13E-08	2.70E-10	1.99E-10	5.54E-10	1.82E-09	1.08E-08	1.73E-10	3.90E-09	1.98E-07	1.83E-08	2.36E-07
2761	NG_1457	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.357	1.07E-06	1.82E-06	Not Modelled	2.72E-08	9.86E-10	1.20E-05	1.07E-07	2.13E-08	2.13E-15	1.07E-08	2.55E-10	1.88E-10	5.22E-10	1.72E-09	1.02E-08	1.63E-10	3.67E-09	1.87E-07	1.73E-08	2.22E-07
2762	NG_1458	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.357	1.01E-06	1.72E-06	Not Modelled	2.45E-08	9.30E-10	1.11E-05	1.01E-07	2.01E-08	2.01E-15	1.01E-08	2.41E-10	1.77E-10	4.93E-10	1.62E-09	9.60E-09	1.54E-10	3.47E-09	1.76E-07	1.63E-08	2.10E-07
2763	NG_1459	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.357	9.55E-07	1.64E-06	Not Modelled	2.23E-08	8.83E-10	1.04E-05	9.55E-08	1.91E-08	1.91E-15	9.55E-09	2.28E-10	1.68E-10	4.68E-10	1.54E-09	9.12E-09	1.46E-10	3.29E-09	1.67E-07	1.55E-08	1.99E-07
2764	NG_1460	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.357	9.16E-07	1.58E-06	Not Modelled	2.07E-08	8.47E-10	1.00E-05	9.16E-08	1.83E-08	1.83E-15	9.16E-09	2.19E-10	1.61E-10	4.49E-10	1.48E-09	8.74E-09	1.40E-10	3.16E-09	1.60E-07	1.49E-08	1.91E-07
2765	NG_1461	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.357	8.85E-07	1.54E-06	Not Modelled	1.94E-08	8.19E-10	9.73E-06	8.85E-08	1.77E-08	1.77E-15	8.85E-09	2.12E-10	1.56E-10	4.34E-10	1.43E-09	8.45E-09	1.35E-10	3.05E-09	1.55E-07	1.44E-08	1.85E-07
2766	NG_1462	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.357	8.63E-07	1.51E-06	Not Modelled	1.84E-08	7.98E-10	9.59E-06	8.62E-08	1.72E-08	1.72E-15	8.63E-09	2.06E-10	1.52E-10	4.23E-10	1.39E-09	8.23E-09	1.32E-10	2.97E-09	1.51E-07	1.40E-08	1.80E-07
2767	NG_1463	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.357	8.51E-07	1.51E-06	Not Modelled	1.79E-08	7.87E-10	9.62E-06	8.51E-08	1.70E-08	1.70E-15	8.51E-09	2.04E-10	1.50E-10	4.17E-10	1.37E-09	8.13E-09	1.30E-10	2.93E-09	1.49E-07	1.38E-08	1.78E-07
2768	NG_1464	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.357	8.39E-07	1.50E-06	Not Modelled	1.74E-08	7.76E-10	9.61E-06	8.39E-08	1.68E-08	1.68E-15	8.39E-09	2.01E-10	1.48E-10	4.11E-10	1.35E-09	8.01E-09	1.28E-10	2.89E-09	1.47E-07	1.36E-08	1.75E-07
2769	NG_1465	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.357	8.20E-07	1.47E-06	Not Modelled	1.68E-08	7.58E-10	9.44E-06	8.20E-08	1.64E-08	1.64E-15	8.20E-09	1.96E-10	1.44E-10	4.02E-10	1.32E-09	7.83E-09	1.25E-10	2.83E-09	1.44E-07	1.33E-08	1.71E-07
2770	NG_1466	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.357	7.88E-07	1.42E-06	Not Modelled	1.60E-08	7.29E-10	9.02E-06	7.88E-08	1.58E-08	1.58E-15	7.88E-09	1.88E-10	1.39E-10	3.86E-10	1.27E-09	7.52E-09	1.20E-10	2.72E-09	1.38E-07	1.28E-08	1.64E-07

AQIA DATA - SCENARIO 2 GRID MAX

Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution — All Pollutants

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**3.08E-06**	**5.69E-06**	**0.00E+00**	**3.69E-07**	**2.85E-09**	**1.88E-04**	**3.08E-07**	**6.16E-08**	**6.16E-15**	**3.08E-08**	**7.37E-10**	**5.43E-10**	**1.51E-09**	**4.98E-09**	**2.94E-08**	**4.71E-10**	**1.06E-08**	**5.40E-07**	**5.00E-08**	**6.43E-07**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2771	NG_1467	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.357	7.49E-07	1.36E-06	Not Modelled	1.51E-08	6.93E-10	8.49E-06	7.49E-08	1.50E-08	1.50E-15	7.50E-09	1.79E-10	1.32E-10	3.67E-10	1.21E-09	7.15E-09	1.14E-10	2.58E-09	1.31E-07	1.22E-08	1.56E-07
2772	NG_1468	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.357	7.11E-07	1.29E-06	Not Modelled	1.42E-08	6.58E-10	7.99E-06	7.11E-08	1.42E-08	1.42E-15	7.11E-09	1.70E-10	1.25E-10	3.49E-10	1.15E-09	6.79E-09	1.09E-10	2.45E-09	1.24E-07	1.15E-08	1.48E-07
2773	NG_1469	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.357	6.75E-07	1.23E-06	Not Modelled	1.34E-08	6.25E-10	7.54E-06	6.75E-08	1.35E-08	1.35E-15	6.75E-09	1.62E-10	1.19E-10	3.31E-10	1.09E-09	6.45E-09	1.03E-10	2.33E-09	1.18E-07	1.10E-08	1.41E-07
2774	NG_1470	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.357	6.36E-07	1.16E-06	Not Modelled	1.25E-08	5.88E-10	7.04E-06	6.36E-08	1.27E-08	1.27E-15	6.36E-09	1.52E-10	1.12E-10	3.12E-10	1.03E-09	6.07E-09	9.71E-11	2.19E-09	1.11E-07	1.03E-08	1.33E-07
2775	NG_1471	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.357	5.98E-07	1.09E-06	Not Modelled	1.16E-08	5.53E-10	6.54E-06	5.98E-08	1.19E-08	1.19E-15	5.98E-09	1.43E-10	1.05E-10	2.93E-10	9.65E-10	5.71E-09	9.12E-11	2.06E-09	1.05E-07	9.69E-09	1.25E-07
2776	NG_1472	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.357	5.61E-07	1.02E-06	Not Modelled	1.08E-08	5.19E-10	6.06E-06	5.61E-08	1.12E-08	1.12E-15	5.61E-09	1.34E-10	9.88E-11	2.75E-10	9.05E-10	5.35E-09	8.56E-11	1.93E-09	9.81E-08	9.09E-09	1.17E-07
2777	NG_1473	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.357	5.30E-07	9.68E-07	Not Modelled	1.01E-08	4.90E-10	5.67E-06	5.30E-08	1.06E-08	1.06E-15	5.30E-09	1.27E-10	9.34E-11	2.60E-10	8.55E-10	5.06E-09	8.09E-11	1.83E-09	9.27E-08	8.59E-09	1.11E-07
2778	NG_1474	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.357	5.04E-07	9.23E-07	Not Modelled	9.47E-09	4.66E-10	5.36E-06	5.04E-08	1.01E-08	1.01E-15	5.04E-09	1.21E-10	8.88E-11	2.47E-10	8.14E-10	4.81E-09	7.69E-11	1.74E-09	8.82E-08	8.18E-09	1.05E-07
2779	NG_1475	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.357	4.79E-07	8.78E-07	Not Modelled	8.89E-09	4.43E-10	5.05E-06	4.79E-08	9.58E-09	9.58E-16	4.79E-09	1.15E-10	8.45E-11	2.35E-10	7.74E-10	4.58E-09	7.32E-11	1.65E-09	8.39E-08	7.77E-09	1.00E-07
2780	NG_1476	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.357	4.54E-07	8.32E-07	Not Modelled	8.32E-09	4.20E-10	4.72E-06	4.54E-08	9.08E-09	9.08E-16	4.54E-09	1.09E-10	8.00E-11	2.23E-10	7.33E-10	4.33E-09	6.93E-11	1.57E-09	7.95E-08	7.37E-09	9.47E-08
2781	NG_1477	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.407	3.70E-07	6.27E-07	Not Modelled	1.08E-08	3.42E-10	6.09E-06	3.69E-08	7.38E-09	7.38E-16	3.69E-09	8.83E-11	6.51E-11	1.81E-10	5.96E-10	3.52E-09	5.64E-11	1.27E-09	6.46E-08	5.99E-09	7.70E-08
2782	NG_1478	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.407	4.01E-07	6.81E-07	Not Modelled	1.15E-08	3.71E-10	6.42E-06	4.01E-08	8.01E-09	8.01E-16	4.01E-09	9.58E-11	7.06E-11	1.96E-10	6.47E-10	3.82E-09	6.12E-11	1.38E-09	7.01E-08	6.50E-09	8.36E-08
2783	NG_1479	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.407	4.39E-07	7.45E-07	Not Modelled	1.23E-08	4.05E-10	6.80E-06	4.38E-08	8.76E-09	8.76E-16	4.38E-09	1.05E-10	7.72E-11	2.15E-10	7.07E-10	4.18E-09	6.69E-11	1.51E-09	7.67E-08	7.10E-09	9.14E-08
2784	NG_1480	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.407	4.85E-07	8.26E-07	Not Modelled	1.34E-08	4.48E-10	7.31E-06	4.84E-08	9.68E-09	9.68E-16	4.84E-09	1.16E-10	8.53E-11	2.37E-10	7.82E-10	4.62E-09	7.39E-11	1.67E-09	8.47E-08	7.85E-09	1.01E-07
2785	NG_1481	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.407	5.38E-07	9.19E-07	Not Modelled	1.47E-08	4.97E-10	7.88E-06	5.37E-08	1.07E-08	1.07E-15	5.38E-09	1.29E-10	9.47E-11	2.64E-10	8.68E-10	5.13E-09	8.20E-11	1.85E-09	9.41E-08	8.72E-09	1.12E-07
2786	NG_1482	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.407	6.02E-07	1.03E-06	Not Modelled	1.63E-08	5.57E-10	8.60E-06	6.01E-08	1.20E-08	1.20E-15	6.02E-09	1.44E-10	1.06E-10	2.95E-10	9.71E-10	5.74E-09	9.18E-11	2.07E-09	1.05E-07	9.76E-09	1.26E-07
2787	NG_1483	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.407	6.78E-07	1.17E-06	Not Modelled	1.81E-08	6.27E-10	9.45E-06	6.77E-08	1.35E-08	1.35E-15	6.77E-09	1.62E-10	1.19E-10	3.32E-10	1.09E-09	6.47E-09	1.03E-10	2.33E-09	1.19E-07	1.10E-08	1.41E-07
2788	NG_1484	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.407	7.70E-07	1.33E-06	Not Modelled	2.05E-08	7.12E-10	1.05E-05	7.70E-08	1.54E-08	1.54E-15	7.70E-09	1.84E-10	1.36E-10	3.77E-10	1.24E-09	7.35E-09	1.18E-10	2.65E-09	1.35E-07	1.25E-08	1.61E-07
2789	NG_1485	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.407	8.73E-07	1.52E-06	Not Modelled	2.30E-08	8.08E-10	1.17E-05	8.73E-08	1.75E-08	1.75E-15	8.73E-09	2.09E-10	1.54E-10	4.28E-10	1.41E-09	8.33E-09	1.33E-10	3.01E-09	1.53E-07	1.42E-08	1.82E-07
2790	NG_1486	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.407	9.87E-07	1.72E-06	Not Modelled	2.59E-08	9.13E-10	1.30E-05	9.86E-08	1.97E-08	1.97E-15	9.87E-09	2.36E-10	1.74E-10	4.84E-10	1.59E-09	9.42E-09	1.51E-10	3.40E-09	1.73E-07	1.60E-08	2.06E-07
2791	NG_1487	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.407	1.10E-06	1.92E-06	Not Modelled	2.87E-08	1.01E-09	1.41E-05	1.10E-07	2.19E-08	2.19E-15	1.10E-08	2.62E-10	1.93E-10	5.37E-10	1.77E-09	1.05E-08	1.67E-10	3.78E-09	1.92E-07	1.78E-08	2.29E-07
2792	NG_1488	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.407	1.20E-06	2.10E-06	Not Modelled	3.15E-08	1.11E-09	1.53E-05	1.20E-07	2.40E-08	2.40E-15	1.20E-08	2.87E-10	2.11E-10	5.88E-10	1.94E-09	1.15E-08	1.83E-10	4.14E-09	2.10E-07	1.95E-08	2.50E-07
2793	NG_1489	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.407	1.28E-06	2.24E-06	Not Modelled	3.40E-08	1.19E-09	1.62E-05	1.28E-07	2.56E-08	2.56E-15	1.28E-08	3.07E-10	2.26E-10	6.28E-10	2.07E-09	1.22E-08	1.96E-10	4.42E-09	2.24E-07	2.08E-08	2.67E-07
2794	NG_1490	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.407	1.33E-06	2.33E-06	Not Modelled	3.61E-08	1.23E-09	1.69E-05	1.33E-07	2.67E-08	2.67E-15	1.33E-08	3.19E-10	2.35E-10	6.54E-10	2.15E-09	1.27E-08	2.04E-10	4.60E-09	2.33E-07	2.16E-08	2.78E-07
2795	NG_1491	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.407	1.35E-06	2.35E-06	Not Modelled	3.73E-08	1.25E-09	1.71E-05	1.35E-07	2.70E-08	2.70E-15	1.35E-08	3.23E-10	2.38E-10	6.61E-10	2.18E-09	1.29E-08	2.06E-10	4.65E-09	2.36E-07	2.19E-08	2.81E-07
2796	NG_1492	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.407	1.33E-06	2.30E-06	Not Modelled	3.76E-08	1.23E-09	1.69E-05	1.33E-07	2.67E-08	2.67E-15	1.33E-08	3.19E-10	2.35E-10	6.54E-10	2.15E-09	1.27E-08	2.04E-10	4.60E-09	2.33E-07	2.16E-08	2.78E-07
2797	NG_1493	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.407	1.30E-06	2.24E-06	Not Modelled	3.72E-08	1.20E-09	1.64E-05	1.30E-07	2.60E-08	2.60E-15	1.30E-08	3.12E-10	2.30E-10	6.39E-10	2.10E-09	1.24E-08	1.99E-10	4.49E-09	2.28E-07	2.11E-08	2.72E-07
2798	NG_1494	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.407	1.26E-06	2.15E-06	Not Modelled	3.59E-08	1.16E-09	1.55E-05	1.26E-07	2.51E-08	2.51E-15	1.26E-08	3.01E-10	2.22E-10	6.17E-10	2.03E-09	1.20E-08	1.92E-10	4.33E-09	2.20E-07	2.04E-08	2.62E-07
2799	NG_1495	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.407	1.21E-06	2.07E-06	Not Modelled	3.39E-08	1.12E-09	1.45E-05	1.21E-07	2.42E-08	2.42E-15	1.21E-08	2.89E-10	2.13E-10	5.93E-10	1.95E-09	1.16E-08	1.85E-10	4.17E-09	2.12E-07	1.96E-08	2.53E-07
2800	NG_1496	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.407	1.15E-06	1.96E-06	Not Modelled	3.13E-08	1.07E-09	1.32E-05	1.15E-07	2.30E-08	2.30E-15	1.15E-08	2.76E-10	2.03E-10	5.65E-10	1.86E-09	1.10E-08	1.76E-10	3.97E-09	2.02E-07	1.87E-08	2.40E-07
2801	NG_1497	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.407	1.09E-06	1.86E-06	Not Modelled	2.85E-08	1.01E-09	1.21E-05	1.09E-07	2.19E-08	2.19E-15	1.09E-08	2.61E-10	1.93E-10	5.36E-10	1.76E-09	1.04E-08	1.67E-10	3.77E-09	1.91E-07	1.77E-08	2.28E-07
2802	NG_1498	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.407	1.03E-06	1.76E-06	Not Modelled	2.57E-08	9.55E-10	1.10E-05	1.03E-07	2.06E-08	2.06E-15	1.03E-08	2.47E-10	1.82E-10	5.06E-10	1.67E-09	9.85E-09	1.58E-10	3.56E-09	1.81E-07	1.67E-08	2.15E-07
2803	NG_1499	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.407	9.77E-07	1.67E-06	Not Modelled	2.33E-08	9.04E-10	1.02E-05	9.77E-08	1.95E-08	1.95E-15	9.77E-09	2.34E-10	1.72E-10	4.79E-10	1.58E-09	9.33E-09	1.49E-10	3.37E-09	1.71E-07	1.58E-08	2.04E-07
2804	NG_1500	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.407	9.25E-07	1.59E-06	Not Modelled	2.12E-08	8.56E-10	9.56E-06	9.25E-08	1.85E-08	1.85E-15	9.25E-09	2.21E-10	1.63E-10	4.54E-10	1.49E-09	8.83E-09	1.41E-10	3.19E-09	1.62E-07	1.50E-08	1.93E-07
2805	NG_1501	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.407	8.82E-07	1.52E-06	Not Modelled	1.95E-08	8.16E-10	9.10E-06	8.82E-08	1.76E-08	1.76E-15	8.83E-09	2.11E-10	1.56E-10	4.33E-10	1.42E-09	8.42E-09	1.35E-10	3.04E-09	1.54E-07	1.43E-08	1.84E-07
2806	NG_1502	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.407	8.52E-07	1.48E-06	Not Modelled	1.83E-08	7.88E-10	8.86E-06	8.52E-08	1.70E-08	1.70E-15	8.52E-09	2.04E-10	1.50E-10	4.18E-10	1.38E-09	8.13E-09	1.30E-10	2.94E-09	1.49E-07	1.38E-08	1.78E-07
2807	NG_1503	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.407	8.30E-07	1.45E-06	Not Modelled	1.74E-08	7.68E-10	8.73E-06	8.30E-08	1.66E-08	1.66E-15	8.30E-09	1.98E-10	1.46E-10	4.07E-10	1.34E-09	7.92E-09	1.27E-10	2.86E-09	1.45E-07	1.35E-08	1.73E-07
2808	NG_1504	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.407	8.15E-07	1.44E-06	Not Modelled	1.68E-08	7.54E-10	8.71E-06	8.15E-08	1.63E-08	1.63E-15	8.16E-09	1.95E-10	1.44E-10	4.00E-10	1.32E-09	7.78E-09	1.24E-10	2.81E-09	1.43E-07	1.32E-08	1.70E-07
2809	NG_1505	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.407	8.01E-07	1.42E-06	Not Modelled	1.63E-08	7.41E-10	8.67E-06	8.01E-08	1.60E-08	1.60E-15	8.01E-09	1.92E-10	1.41E-10	3.93E-10	1.29E-09	7.65E-09	1.22E-10	2.76E-09	1.40E-07	1.30E-08	1.67E-07
2810	NG_1506	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.407	7.83E-07	1.40E-06	Not Modelled	1.58E-08	7.25E-10	8.55E-06	7.83E-08	1.57E-08	1.57E-15	7.84E-09	1.87E-10	1.38E-10	3.84E-10	1.26E-09	7.48E-09	1.20E-10	2.70E-09	1.37E-07	1.27E-08	1.63E-07
2811	NG_1507	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.407	7.61E-07	1.37E-06	Not Modelled	1.53E-08	7.04E-10	8.34E-06	7.61E-08	1.52E-08	1.52E-15	7.61E-09	1.82E-10	1.34E-10	3.73E-10	1.23E-09	7.26E-09	1.16E-10	2.62E-09	1.33E-07	1.23E-08	1.59E-07
2812	NG_1508	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.407	7.35E-07	1.33E-06	Not Modelled	1.46E-08	6.80E-10	8.07E-06	7.35E-08	1.47E-08	1.47E-15	7.35E-09	1.76E-10	1.29E-10	3.60E-10	1.19E-09	7.01E-09	1.12E-10	2.53E-09	1.29E-07	1.19E-08	1.53E-07
2813	NG_1509	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.407	7.02E-07	1.27E-06	Not Modelled	1.39E-08	6.49E-10	7.69E-06	7.02E-08	1.40E-08	1.40E-15	7.02E-09	1.68E-10	1.24E-10	3.44E-10	1.13E-09	6.70E-09	1.07E-10	2.42E-09	1.23E-07	1.14E-08	1.46E-07
2814	NG_1510	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.407	6.65E-07	1.21E-06	Not Modelled	1.31E-08	6.15E-10	7.24E-06	6.65E-08	1.33E-08	1.33E-15	6.65E-09	1.59E-10	1.17E-10	3.26E-10	1.07E-09	6.35E-09	1.01E-10	2.29E-09	1.16E-07	1.08E-08	1.39E-07
2815	NG_1511	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.407	6.31E-07	1.15E-06	Not Modelled	1.24E-08	5.84E-10	6.85E-06	6.31E-08	1.26E-08	1.26E-15	6.31E-09	1.51E-10	1.11E-10	3.09E-10	1.02E-09	6.02E-09	9.63E-11	2.18E-09	1.10E-07	1.02E-08	1.32E-07
2816	NG_1512	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.407	5.99E-07	1.10E-06	Not Modelled	1.17E-08	5.55E-10	6.50E-06	5.99E-08	1.20E-08	1.20E-15	6.00E-09	1.43E-10	1.06E-10	2.94E-10	9.68E-10	5.72E-09	9.15E-11	2.07E-09	1.05E-07	9.72E-09	1.25E-07
2817	NG_1513	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.407	5.70E-07	1.04E-06	Not Modelled	1.10E-08	5.27E-10	6.16E-06	5.69E-08	1.14E-08	1.14E-15	5.70E-09	1.36E-10	1.00E-10	2.79E-10	9.19E-10	5.44E-09	8.69E-11	1.96E-09	9.97E-08	9.24E-09	1.19E-07
2818	NG_1514	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.407	5.38E-07	9.86E-07	Not Modelled	1.03E-08	4.98E-10	5.78E-06	5.38E-08	1.08E-08	1.08E-15	5.38E-09	1.29E-10	9.48E-11	2.64E-10	8.69E-10	5.14E-09	8.22E-11	1.86E-09	9.42E-08	8.73E-09	1.12E-07
2819	NG_1515	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.407	5.09E-07	9.33E-07	Not Modelled	9.65E-09	4.71E-10	5.42E-06	5.09E-08	1.02E-08	1.02E-15	5.09E-09	1.22E-10	8.97E-11	2.50E-10	8.22E-10	4.86E-09	7.77E-11	1.75E-09	8.91E-08	8.25E-09	1.06E-07
2820	NG_1516	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.407	4.80E-07	8.81E-07	Not Modelled	9.01E-09	4.44E-10	5.06E-06	4.80E-08	9.60E-09	9.60E-16	4.80E-09	1.15E-10	8.46E-11	2.36E-10	7.75E-10	4.59E-09	7.33E-11	1.66E-09	8.41E-08	7.79E-09	1.00E-07
2821	NG_1517	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.407	4.57E-07	8.38E-07	Not Modelled	8.47E-09	4.22E-10	4.77E-06	4.56E-08	9.13E-09	9.13E-16	4.57E-09	1.09E-10	8.05E-11	2.24E-10	7.37E-10	4.36E-09	6.97E-11	1.57E-09	7.99E-08	7.40E-09	9.53E-08
2822	NG_1518	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.457	3.92E-07	6.65E-07	Not Modelled	1.04E-08	3.62E-10	5.86E-06	3.91E-08	7.82E-09	7.82E-16	3.91E-09	9.35E-11	6.89E-11	1.92E-10	6.31E-10	3.73E-09	5.97E-11	1.35E-09	6.84E-08	6.34E-09	8.16E-08
2823	NG_1519	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.457	4.25E-07	7.24E-07	Not Modelled	1.12E-08	3.93E-10	6.20E-06	4.24E-08	8.49E-09	8.49E-16	4.25E-09	1.02E-10	7.48E-11	2.08E-10	6.85E-10	4.05E-09	6.48E-11	1.46E-09	7.43E-08	6.89E-09	8.86E-08
2824	NG_1520	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.457	4.64E-07	7.92E-07	Not Modelled	1.21E-08	4.29E-10	6.58E-06	4.64E-08	9.27E-09	9.27E-16	4.64E-09	1.11E-10	8.17E-11	2.27E-10	7.49E-10	4.43E-09	7.08E-11	1.60E-09	8.12E-08	7.52E-09	9.68E-08
2825	NG_1521	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.457	5.13E-07	8.78E-07	Not Modelled	1.32E-08	4.74E-10	7.11E-06	5.12E-08	1.02E-08	1.02E-15	5.12E-09	1.23E-10	9.03E-11	2.51E-10	8.27E-10	4.89E-09	7.82E-11	1.77E-09	8.97E-08	8.31E-09	1.07E-07
2826	NG_1522	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.457	5.69E-07	9.78E-07	Not Modelled	1.46E-08	5.26E-10	7.74E-06	5.69E-08	1.14E-08	1.14E-15	5.69E-09	1.36E-10	1.00E-10	2.79E-10	9.18E-10	5.43E-09	8.68E-11	1.96E-09	9.95E-08	9.22E-09	1.19E-07
2827	NG_1523	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.457	6.32E-07	1.09E-06	Not Modelled	1.62E-08	5.85E-10	8.42E-06	6.32E-08	1.26E-08	1.26E-15	6.32E-09	1.51E-10	1.11E-10	3.10E-10	1.02E-09	6.03E-09	9.64E-11	2.18E-09	1.11E-07	1.02E-08	1.32E-07
2828	NG_1524	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.457	7.05E-07	1.22E-06	Not Modelled	1.80E-08	6.52E-10	9.22E-06	7.05E-08	1.41E-08	1.41E-15	7.05E-09	1.69E-10	1.24E-10	3.46E-10	1.14E-09	6.73E-09	1.08E-10	2.43E-09	1.23E-07	1.14E-08	1.47E-07
2829	NG_1525	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.457	7.94E-07	1.38E-06	Not Modelled	2.03E-08	7.35E-10	1.03E-05	7.94E-08	1.59E-08	1.59E-15	7.94E-09	1.90E-10	1.40E-10	3.89E-10	1.28E-09	7.58E-09	1.21E-10	2.74E-09	1.39E-07	1.29E-08	1.66E-07
2830	NG_1526	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.457	8.94E-07	1.56E-06	Not Modelled	2.28E-08	8.27E-10	1.14E-05	8.94E-08	1.79E-08	1.79E-15	8.94E-09	2.14E-10	1.58E-10	4.38E-10	1.44E-09	8.53E-09	1.36E-10	3.08E-09	1.56E-07	1.45E-08	1.86E-07
2831	NG_1527	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.457	9.96E-07	1.74E-06	Not Modelled	2.55E-08	9.21E-10	1.25E-05	9.95E-08	1.99E-08	1.99E-15	9.96E-09	2.38E-10	1.75E-10	4.88E-10	1.61E-09	9.50E-09	1.52E-10	3.43E-09	1.74E-07	1.61E-08	2.08E-07
2832	NG_1528	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.457	1.09E-06	1.91E-06	Not Modelled	2.80E-08	1.01E-09	1.35E-05	1.09E-07	2.18E-08	2.18E-15	1.09E-08	2.61E-10	1.92E-10	5.34E-10	1.76E-09	1.04E-08	1.66E-10	3.76E-09	1.91E-07	1.77E-08	2.27E-07
2833	NG_1529	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.457	1.17E-06	2.06E-06	Not Modelled	3.04E-08	1.09E-09	1.44E-05	1.17E-07	2.35E-08	2.35E-15	1.17E-08	2.81E-10	2.07E-10	5.75E-10	1.89E-09	1.12E-08	1.79E-10	4.04E-09	2.05E-07	1.90E-08	2.45E-07
2834	NG_1530	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.457	1.23E-06	2.16E-06	Not Modelled	3.24E-08	1.14E-09	1.50E-05	1.23E-07	2.47E-08	2.47E-15	1.23E-08	2.95E-10	2.17E-10	6.05E-10	1.99E-09	1.18E-08	1.88E-10	4.25E-09	2.16E-07	2.00E-08	2.57E-07
2835	NG_1531	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.457	1.27E-06	2.21E-06	Not Modelled	3.40E-08	1.17E-09	1.54E-05	1.27E-07	2.54E-08	2.54E-15	1.27E-08	3.04E-10	2.24E-10	6.23E-10	2.05E-09	1.21E-08	1.94E-10	4.38E-09	2.22E-07	2.06E-08	2.65E-07
2836	NG_1532	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.457	1.28E-06	2.22E-06	Not Modelled	3.50E-08	1.18E-09	1.55E-05	1.28E-07	2.56E-08	2.56E-15	1.28E-08	3.06E-10	2.26E-10	6.28E-10	2.07E-09	1.22E-08	1.95E-10	4.41E-09	2.24E-07	2.08E-08	2.67E-07
2837	NG_1533	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.457	1.26E-06	2.18E-06	Not Modelled	3.52E-08	1.17E-09	1.52E-05	1.26E-07	2.53E-08	2.53E-15	1.26E-08	3.02E-10	2.23E-10	6.19E-10	2.04E-09	1.21E-08	1.93E-10	4.35E-09	2.21E-07	2.05E-08	2.64E-07
2838	NG_1534	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.457	1.23E-06	2.11E-06	Not Modelled	3.46E-08	1.14E-09	1.46E-05	1.23E-07	2.46E-08	2.46E-15	1.23E-08	2.94E-10	2.17E-10	6.04E-10	1.99E-09	1.17E-08	1.88E-10	4.24E-09	2.15E-07	2.00E-08	2.57E-07
2839	NG_1535	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.457	1.19E-06	2.04E-06	Not Modelled	3.34E-08	1.10E-09	1.39E-05	1.19E-07	2.39E-08	2.39E-15	1.19E-08	2.86E-10	2.10E-10	5.85E-10	1.93E-09	1.14E-08	1.82E-10	4.12E-09	2.09E-07	1.94E-08	2.49E-07
2840	NG_1536	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.457	1.15E-06	1.97E-06	Not Modelled	3.16E-08	1.07E-09	1.31E-05	1.15E-07	2.30E-08	2.30E-15	1.15E-08	2.75E-10	2.03E-10	5.65E-10	1.86E-09	1.10E-08	1.76E-10	3.97E-09	2.02E-07	1.87E-08	2.40E-07
2841	NG_1537	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.457	1.10E-06	1.88E-06	Not Modelled	2.94E-08	1.02E-09	1.21E-05	1.10E-07	2.20E-08	2.20E-15	1.10E-08	2.63E-10	1.94E-10	5.40E-10	1.78E-09	1.05E-08	1.68E-10	3.80E-09	1.93E-07	1.79E-08	2.30E-07
2842	NG_1538	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.457	1.05E-06	1.78E-06	Not Modelled	2.68E-08	9.68E-10	1.10E-05	1.05E-07	2.09E-08	2.09E-15	1.05E-08	2.50E-10	1.84E-10	5.13E-10	1.69E-09	9.99E-09	1.60E-10	3.61E-09	1.83E-07	1.70E-08	2.18E-07
2843	NG_1539	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.457	9.92E-07	1.69E-06	Not Modelled	2.44E-08	9.18E-10	1.02E-05	9.92E-08	1.98E-08	1.98E-15	9.93E-09	2.37E-10	1.75E-10	4.87E-10	1.60E-09	9.47E-09	1.52E-10	3.42E-09	1.74E-07	1.61E-08	2.07E-07
2844	NG_1540	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.457	9.41E-07	1.61E-06	Not Modelled	2.22E-08	8.70E-10	9.46E-06	9.41E-08	1.88E-08	1.88E-15	9.41E-09	2.25E-10	1.66E-10	4.61E-10	1.52E-09	8.98E-09	1.44E-10	3.24E-09	1.65E-07	1.53E-08	1.96E-07
2845	NG_1541	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.457	8.92E-07	1.53E-06	Not Modelled	2.02E-08	8.25E-10	8.86E-06	8.92E-08	1.78E-08	1.78E-15	8.92E-09	2.13E-10	1.57E-10	4.37E-10	1.44E-09	8.51E-09	1.36E-10	3.07E-09	1.56E-07	1.45E-08	1.86E-07
2846	NG_1542	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.457	8.48E-07	1.46E-06	Not Modelled	1.86E-08	7.85E-10	8.38E-06	8.48E-08	1.70E-08	1.70E-15	8.48E-09	2.03E-10	1.49E-10	4.16E-10	1.37E-09	8.10E-09	1.29E-10	2.92E-09	1.48E-07	1.38E-08	1.77E-07
2847	NG_1543	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.457	8.15E-07	1.41E-06	Not Modelled	1.73E-08	7.54E-10	8.11E-06	8.15E-08	1.63E-08	1.63E-15	8.15E-09	1.95E-10	1.44E-10	4.00E-10	1.32E-09	7.78E-09	1.24E-10	2.81E-09	1.43E-07	1.32E-08	1.70E-07
2848	NG_1544	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.457	7.94E-07	1.38E-06	Not Modelled	1.65E-08	7.35E-10	8.01E-06	7.94E-08	1.59E-08	1.59E-15	7.94E-09	1.90E-10	1.40E-10	3.89E-10	1.28E-09	7.58E-09	1.21E-10	2.74E-09	1.39E-07	1.29E-08	1.66E-07
2849	NG_1545	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.457	7.77E-07	1.37E-06	Not Modelled	1.59E-08	7.19E-10	7.95E-06	7.77E-08	1.55E-08	1.55E-15	7.77E-09	1.86E-10	1.37E-10	3.81E-10	1.25E-09	7.42E-09	1.19E-10	2.68E-09	1.36E-07	1.26E-08	1.62E-07
2850	NG_1546	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.457	7.60E-07	1.35E-06	Not Modelled	1.54E-08	7.03E-10	7.87E-06	7.60E-08	1.52E-08	1.52E-15	7.61E-09	1.82E-10	1.34E-10	3.73E-10	1.23E-09	7.26E-09	1.16E-10	2.62E-09	1.33E-07	1.23E-08	1.59E-07
2851	NG_1547	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.457	7.43E-07	1.32E-06	Not Modelled	1.49E-08	6.87E-10	7.75E-06	7.43E-08	1.49E-08	1.49E-15	7.43E-09	1.78E-10	1.31E-10	3.64E-10	1.20E-09	7.09E-09	1.13E-10	2.56E-09	1.30E-07	1.21E-08	1.55E-07
2852	NG_1548	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.457	7.28E-07	1.31E-06	Not Modelled	1.45E-08	6.73E-10	7.69E-06	7.28E-08	1.46E-08	1.46E-15	7.28E-09	1.74E-10	1.28E-10	3.57E-10	1.18E-09	6.95E-09	1.11E-10	2.51E-09	1.27E-07	1.18E-08	1.52E-07
2853	NG_1549	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.457	7.10E-07	1.28E-06	Not Modelled	1.41E-08	6.57E-10	7.57E-06	7.09E-08	1.42E-08	1.42E-15	7.10E-09	1.70E-10	1.25E-10	3.48E-10	1.15E-09	6.77E-09	1.08E-10	2.45E-09	1.24E-07	1.15E-08	1.48E-07
2854	NG_1550	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.457	6.86E-07	1.24E-06	Not Modelled	1.35E-08	6.34E-10	7.36E-06	6.86E-08	1.37E-08	1.37E-15	6.86E-09	1.64E-10	1.21E-10	3.36E-10	1.11E-09	6.55E-09	1.05E-10	2.36E-09	1.20E-07	1.11E-08	1.43E-07
2855	NG_1551	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.457	6.54E-07	1.19E-06	Not Modelled	1.29E-08	6.05E-10	7.02E-06	6.54E-08	1.31E-08	1.31E-15	6.55E-09	1.57E-10	1.15E-10	3.21E-10	1.06E-09	6.25E-09	9.99E-11	2.26E-09	1.15E-07	1.06E-08	1.37E-07

AQIA DATA - SCENARIO 2 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**3.08E-06**	**5.69E-06**	**0.00E+00**	**3.69E-07**	**2.85E-09**	**1.88E-04**	**3.08E-07**	**6.16E-08**	**6.16E-15**	**3.08E-08**	**7.37E-10**	**5.43E-10**	**1.51E-09**	**4.98E-09**	**2.94E-08**	**4.71E-10**	**1.06E-08**	**5.40E-07**	**5.00E-08**	**6.43E-07**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2856	NG_1552	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.457	6.24E-07	1.14E-06	Not Modelled	1.22E-08	5.77E-10	6.69E-06	6.24E-08	1.25E-08	1.25E-15	6.24E-09	1.49E-10	1.10E-10	3.06E-10	1.01E-09	5.95E-09	9.52E-11	2.15E-09	1.09E-07	1.01E-08	1.30E-07
2857	NG_1553	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.457	5.97E-07	1.09E-06	Not Modelled	1.17E-08	5.52E-10	6.42E-06	5.97E-08	1.19E-08	1.19E-15	5.97E-09	1.43E-10	1.05E-10	2.93E-10	9.64E-10	5.70E-09	9.12E-11	2.06E-09	1.05E-07	9.69E-09	1.25E-07
2858	NG_1554	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.457	5.71E-07	1.05E-06	Not Modelled	1.11E-08	5.28E-10	6.16E-06	5.71E-08	1.14E-08	1.14E-15	5.71E-09	1.37E-10	1.01E-10	2.80E-10	9.22E-10	5.45E-09	8.72E-11	1.97E-09	1.00E-07	9.26E-09	1.19E-07
2859	NG_1555	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.457	5.44E-07	9.98E-07	Not Modelled	1.05E-08	5.03E-10	5.86E-06	5.43E-08	1.09E-08	1.09E-15	5.44E-09	1.30E-10	9.58E-11	2.67E-10	8.78E-10	5.19E-09	8.30E-11	1.87E-09	9.51E-08	8.82E-09	1.13E-07
2860	NG_1556	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.457	5.12E-07	9.39E-07	Not Modelled	9.79E-09	4.73E-10	5.47E-06	5.11E-08	1.02E-08	1.02E-15	5.12E-09	1.22E-10	9.01E-11	2.51E-10	8.26E-10	4.88E-09	7.81E-11	1.76E-09	8.95E-08	8.30E-09	1.07E-07
2861	NG_1557	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.457	4.82E-07	8.84E-07	Not Modelled	9.14E-09	4.46E-10	5.09E-06	4.81E-08	9.63E-09	9.63E-16	4.82E-09	1.15E-10	8.49E-11	2.36E-10	7.78E-10	4.60E-09	7.35E-11	1.66E-09	8.43E-08	7.81E-09	1.00E-07
2862	NG_1558	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.457	4.56E-07	8.37E-07	Not Modelled	8.57E-09	4.22E-10	4.78E-06	4.56E-08	9.11E-09	9.11E-16	4.56E-09	1.09E-10	8.03E-11	2.23E-10	7.36E-10	4.35E-09	6.96E-11	1.57E-09	7.98E-08	7.39E-09	9.51E-08
2863	NG_1559	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.507	4.12E-07	7.02E-07	Not Modelled	1.02E-08	3.80E-10	5.65E-06	4.11E-08	8.22E-09	8.22E-16	4.11E-09	9.83E-11	7.25E-11	2.02E-10	6.64E-10	3.92E-09	6.28E-11	1.42E-09	7.20E-08	6.67E-09	8.58E-08
2864	NG_1560	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.507	4.47E-07	7.64E-07	Not Modelled	1.10E-08	4.13E-10	6.00E-06	4.47E-08	8.93E-09	8.93E-16	4.47E-09	1.07E-10	7.87E-11	2.19E-10	7.21E-10	4.26E-09	6.82E-11	1.54E-09	7.82E-08	7.24E-09	9.32E-08
2865	NG_1561	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.507	4.88E-07	8.36E-07	Not Modelled	1.19E-08	4.51E-10	6.40E-06	4.87E-08	9.74E-09	9.74E-16	4.87E-09	1.17E-10	8.59E-11	2.39E-10	7.87E-10	4.65E-09	7.44E-11	1.68E-09	8.53E-08	7.90E-09	1.02E-07
2866	NG_1562	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.507	5.37E-07	9.22E-07	Not Modelled	1.31E-08	4.96E-10	6.92E-06	5.36E-08	1.07E-08	1.07E-15	5.36E-09	1.28E-10	9.45E-11	2.63E-10	8.66E-10	5.12E-09	8.18E-11	1.85E-09	9.38E-08	8.70E-09	1.12E-07
2867	NG_1563	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.507	5.95E-07	1.03E-06	Not Modelled	1.45E-08	5.50E-10	7.57E-06	5.94E-08	1.19E-08	1.19E-15	5.94E-09	1.42E-10	1.05E-10	2.91E-10	9.59E-10	5.67E-09	9.07E-11	2.05E-09	1.04E-07	9.64E-09	1.24E-07
2868	NG_1564	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.507	6.55E-07	1.13E-06	Not Modelled	1.60E-08	6.06E-10	8.20E-06	6.55E-08	1.31E-08	1.31E-15	6.55E-09	1.57E-10	1.15E-10	3.21E-10	1.06E-09	6.25E-09	1.00E-10	2.26E-09	1.15E-07	1.06E-08	1.37E-07
2869	NG_1565	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.507	7.26E-07	1.26E-06	Not Modelled	1.78E-08	6.71E-10	8.97E-06	7.25E-08	1.45E-08	1.45E-15	7.25E-09	1.73E-10	1.28E-10	3.56E-10	1.17E-09	6.92E-09	1.11E-10	2.50E-09	1.27E-07	1.18E-08	1.51E-07
2870	NG_1566	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.507	8.12E-07	1.42E-06	Not Modelled	2.01E-08	7.51E-10	1.00E-05	8.11E-08	1.62E-08	1.62E-15	8.12E-09	1.94E-10	1.43E-10	3.98E-10	1.31E-09	7.75E-09	1.24E-10	2.80E-09	1.42E-07	1.32E-08	1.69E-07
2871	NG_1567	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.507	9.04E-07	1.58E-06	Not Modelled	2.25E-08	8.36E-10	1.11E-05	9.04E-08	1.81E-08	1.81E-15	9.04E-09	2.16E-10	1.59E-10	4.43E-10	1.46E-09	8.63E-09	1.38E-10	3.12E-09	1.58E-07	1.47E-08	1.89E-07
2872	NG_1568	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.507	9.90E-07	1.74E-06	Not Modelled	2.48E-08	9.16E-10	1.20E-05	9.90E-08	1.98E-08	1.98E-15	9.90E-09	2.37E-10	1.74E-10	4.85E-10	1.60E-09	9.45E-09	1.51E-10	3.41E-09	1.73E-07	1.61E-08	2.07E-07
2873	NG_1569	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.507	1.07E-06	1.87E-06	Not Modelled	2.71E-08	9.88E-10	1.27E-05	1.07E-07	2.13E-08	2.13E-15	1.07E-08	2.55E-10	1.88E-10	5.23E-10	1.72E-09	1.02E-08	1.63E-10	3.68E-09	1.87E-07	1.73E-08	2.23E-07
2874	NG_1570	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.507	1.14E-06	2.00E-06	Not Modelled	2.92E-08	1.05E-09	1.35E-05	1.14E-07	2.27E-08	2.27E-15	1.14E-08	2.72E-10	2.00E-10	5.58E-10	1.84E-09	1.09E-08	1.74E-10	3.92E-09	1.99E-07	1.85E-08	2.37E-07
2875	NG_1571	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.507	1.19E-06	2.07E-06	Not Modelled	3.10E-08	1.10E-09	1.40E-05	1.19E-07	2.37E-08	2.37E-15	1.19E-08	2.84E-10	2.09E-10	5.81E-10	1.91E-09	1.13E-08	1.81E-10	4.09E-09	2.08E-07	1.92E-08	2.47E-07
2876	NG_1572	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.507	1.21E-06	2.11E-06	Not Modelled	3.23E-08	1.12E-09	1.42E-05	1.21E-07	2.42E-08	2.42E-15	1.21E-08	2.90E-10	2.14E-10	5.94E-10	1.96E-09	1.16E-08	1.85E-10	4.18E-09	2.12E-07	1.97E-08	2.53E-07
2877	NG_1573	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.507	1.21E-06	2.11E-06	Not Modelled	3.30E-08	1.12E-09	1.42E-05	1.21E-07	2.43E-08	2.43E-15	1.21E-08	2.91E-10	2.14E-10	5.96E-10	1.96E-09	1.16E-08	1.85E-10	4.19E-09	2.13E-07	1.97E-08	2.53E-07
2878	NG_1574	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.507	1.20E-06	2.06E-06	Not Modelled	3.29E-08	1.11E-09	1.38E-05	1.20E-07	2.39E-08	2.39E-15	1.20E-08	2.86E-10	2.11E-10	5.86E-10	1.93E-09	1.14E-08	1.82E-10	4.12E-09	2.09E-07	1.94E-08	2.49E-07
2879	NG_1575	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.507	1.17E-06	2.00E-06	Not Modelled	3.23E-08	1.08E-09	1.33E-05	1.17E-07	2.33E-08	2.33E-15	1.17E-08	2.79E-10	2.06E-10	5.72E-10	1.88E-09	1.11E-08	1.78E-10	4.02E-09	2.04E-07	1.89E-08	2.44E-07
2880	NG_1576	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.507	1.14E-06	1.95E-06	Not Modelled	3.13E-08	1.05E-09	1.27E-05	1.14E-07	2.27E-08	2.27E-15	1.14E-08	2.72E-10	2.00E-10	5.57E-10	1.84E-09	1.09E-08	1.74E-10	3.92E-09	1.99E-07	1.84E-08	2.37E-07
2881	NG_1577	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.507	1.10E-06	1.88E-06	Not Modelled	2.97E-08	1.02E-09	1.20E-05	1.10E-07	2.20E-08	2.20E-15	1.10E-08	2.63E-10	1.94E-10	5.39E-10	1.77E-09	1.05E-08	1.68E-10	3.79E-09	1.92E-07	1.78E-08	2.29E-07
2882	NG_1578	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.507	1.05E-06	1.79E-06	Not Modelled	2.76E-08	9.70E-10	1.10E-05	1.05E-07	2.10E-08	2.10E-15	1.05E-08	2.51E-10	1.85E-10	5.14E-10	1.69E-09	1.00E-08	1.60E-10	3.61E-09	1.83E-07	1.70E-08	2.19E-07
2883	NG_1579	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.507	9.99E-07	1.70E-06	Not Modelled	2.53E-08	9.24E-10	1.02E-05	9.98E-08	2.00E-08	2.00E-15	9.99E-09	2.39E-10	1.76E-10	4.90E-10	1.61E-09	9.53E-09	1.52E-10	3.44E-09	1.75E-07	1.62E-08	2.08E-07
2884	NG_1580	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.507	9.50E-07	1.62E-06	Not Modelled	2.31E-08	8.79E-10	9.42E-06	9.50E-08	1.90E-08	1.90E-15	9.50E-09	2.27E-10	1.67E-10	4.66E-10	1.53E-09	9.07E-09	1.45E-10	3.27E-09	1.66E-07	1.54E-08	1.98E-07
2885	NG_1581	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.507	9.02E-07	1.54E-06	Not Modelled	2.11E-08	8.35E-10	8.80E-06	9.02E-08	1.80E-08	1.80E-15	9.02E-09	2.16E-10	1.59E-10	4.42E-10	1.46E-09	8.61E-09	1.38E-10	3.11E-09	1.58E-07	1.46E-08	1.88E-07
2886	NG_1582	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.507	8.57E-07	1.47E-06	Not Modelled	1.93E-08	7.93E-10	8.28E-06	8.57E-08	1.71E-08	1.71E-15	8.57E-09	2.05E-10	1.51E-10	4.20E-10	1.38E-09	8.18E-09	1.31E-10	2.95E-09	1.50E-07	1.39E-08	1.79E-07
2887	NG_1583	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.507	8.14E-07	1.40E-06	Not Modelled	1.77E-08	7.53E-10	7.81E-06	8.13E-08	1.63E-08	1.63E-15	8.14E-09	1.95E-10	1.43E-10	3.99E-10	1.31E-09	7.77E-09	1.24E-10	2.80E-09	1.42E-07	1.32E-08	1.70E-07
2888	NG_1584	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.507	7.79E-07	1.35E-06	Not Modelled	1.65E-08	7.21E-10	7.51E-06	7.79E-08	1.56E-08	1.56E-15	7.79E-09	1.86E-10	1.37E-10	3.82E-10	1.26E-09	7.44E-09	1.19E-10	2.69E-09	1.36E-07	1.26E-08	1.63E-07
2889	NG_1585	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.507	7.56E-07	1.32E-06	Not Modelled	1.57E-08	6.99E-10	7.38E-06	7.56E-08	1.51E-08	1.51E-15	7.56E-09	1.81E-10	1.33E-10	3.71E-10	1.22E-09	7.22E-09	1.15E-10	2.61E-09	1.32E-07	1.23E-08	1.58E-07
2890	NG_1586	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.507	7.39E-07	1.30E-06	Not Modelled	1.51E-08	6.84E-10	7.32E-06	7.39E-08	1.48E-08	1.48E-15	7.39E-09	1.77E-10	1.30E-10	3.62E-10	1.19E-09	7.05E-09	1.13E-10	2.55E-09	1.29E-07	1.20E-08	1.54E-07
2891	NG_1587	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.507	7.22E-07	1.27E-06	Not Modelled	1.45E-08	6.68E-10	7.22E-06	7.22E-08	1.44E-08	1.44E-15	7.22E-09	1.73E-10	1.27E-10	3.54E-10	1.17E-09	6.89E-09	1.10E-10	2.49E-09	1.26E-07	1.17E-08	1.51E-07
2892	NG_1588	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.507	7.06E-07	1.26E-06	Not Modelled	1.41E-08	6.53E-10	7.15E-06	7.06E-08	1.41E-08	1.41E-15	7.06E-09	1.69E-10	1.24E-10	3.46E-10	1.14E-09	6.74E-09	1.08E-10	2.43E-09	1.24E-07	1.15E-08	1.47E-07
2893	NG_1589	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.507	6.95E-07	1.24E-06	Not Modelled	1.38E-08	6.43E-10	7.14E-06	6.95E-08	1.39E-08	1.39E-15	6.95E-09	1.66E-10	1.22E-10	3.41E-10	1.12E-09	6.63E-09	1.06E-10	2.40E-09	1.22E-07	1.13E-08	1.45E-07
2894	NG_1590	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.507	6.81E-07	1.23E-06	Not Modelled	1.35E-08	6.30E-10	7.11E-06	6.81E-08	1.36E-08	1.36E-15	6.82E-09	1.63E-10	1.20E-10	3.34E-10	1.10E-09	6.51E-09	1.04E-10	2.35E-09	1.19E-07	1.11E-08	1.42E-07
2895	NG_1591	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.507	6.65E-07	1.21E-06	Not Modelled	1.32E-08	6.16E-10	7.03E-06	6.65E-08	1.33E-08	1.33E-15	6.65E-09	1.59E-10	1.17E-10	3.26E-10	1.07E-09	6.35E-09	1.02E-10	2.29E-09	1.16E-07	1.08E-08	1.39E-07
2896	NG_1592	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.507	6.40E-07	1.16E-06	Not Modelled	1.26E-08	5.92E-10	6.78E-06	6.40E-08	1.28E-08	1.28E-15	6.40E-09	1.53E-10	1.13E-10	3.14E-10	1.03E-09	6.11E-09	9.77E-11	2.21E-09	1.12E-07	1.04E-08	1.34E-07
2897	NG_1593	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.507	6.13E-07	1.12E-06	Not Modelled	1.21E-08	5.67E-10	6.51E-06	6.13E-08	1.23E-08	1.23E-15	6.13E-09	1.47E-10	1.08E-10	3.01E-10	9.90E-10	5.85E-09	9.36E-11	2.11E-09	1.07E-07	9.95E-09	1.28E-07
2898	NG_1594	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.507	5.87E-07	1.07E-06	Not Modelled	1.15E-08	5.43E-10	6.25E-06	5.87E-08	1.17E-08	1.17E-15	5.87E-09	1.40E-10	1.03E-10	2.88E-10	9.48E-10	5.61E-09	8.96E-11	2.02E-09	1.03E-07	9.52E-09	1.23E-07
2899	NG_1595	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.507	5.63E-07	1.03E-06	Not Modelled	1.10E-08	5.21E-10	6.03E-06	5.63E-08	1.13E-08	1.13E-15	5.64E-09	1.35E-10	9.93E-11	2.76E-10	9.10E-10	5.38E-09	8.60E-11	1.94E-09	9.86E-08	9.14E-09	1.18E-07
2900	NG_1596	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.507	5.38E-07	9.87E-07	Not Modelled	1.04E-08	4.97E-10	5.77E-06	5.38E-08	1.07E-08	1.07E-15	5.38E-09	1.29E-10	9.48E-11	2.64E-10	8.68E-10	5.13E-09	8.21E-11	1.85E-09	9.41E-08	8.72E-09	1.12E-07
2901	NG_1597	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.507	5.09E-07	9.35E-07	Not Modelled	9.82E-09	4.71E-10	5.44E-06	5.09E-08	1.02E-08	1.02E-15	5.09E-09	1.22E-10	8.97E-11	2.50E-10	8.22E-10	4.86E-09	7.77E-11	1.75E-09	8.91E-08	8.26E-09	1.06E-07
2902	NG_1598	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.507	4.80E-07	8.82E-07	Not Modelled	9.21E-09	4.44E-10	5.08E-06	4.80E-08	9.60E-09	9.60E-16	4.80E-09	1.15E-10	8.46E-11	2.35E-10	7.75E-10	4.58E-09	7.33E-11	1.65E-09	8.40E-08	7.79E-09	1.00E-07
2903	NG_1599	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.507	4.52E-07	8.30E-07	Not Modelled	8.60E-09	4.18E-10	4.73E-06	4.52E-08	9.03E-09	9.03E-16	4.52E-09	1.08E-10	7.96E-11	2.21E-10	7.29E-10	4.31E-09	6.89E-11	1.56E-09	7.91E-08	7.33E-09	9.42E-08
2904	NG_1600	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.557	4.28E-07	7.31E-07	Not Modelled	9.91E-09	3.95E-10	5.41E-06	4.27E-08	8.54E-09	8.54E-16	4.27E-09	1.02E-10	7.53E-11	2.09E-10	6.90E-10	4.08E-09	6.52E-11	1.47E-09	7.48E-08	6.93E-09	8.91E-08
2905	NG_1601	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.557	4.66E-07	7.98E-07	Not Modelled	1.08E-08	4.30E-10	5.79E-06	4.65E-08	9.29E-09	9.29E-16	4.65E-09	1.11E-10	8.19E-11	2.28E-10	7.50E-10	4.44E-09	7.09E-11	1.60E-09	8.13E-08	7.54E-09	9.70E-08
2906	NG_1602	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.557	5.07E-07	8.71E-07	Not Modelled	1.17E-08	4.68E-10	6.21E-06	5.06E-08	1.01E-08	1.01E-15	5.06E-09	1.21E-10	8.92E-11	2.48E-10	8.17E-10	4.83E-09	7.73E-11	1.74E-09	8.86E-08	8.21E-09	1.06E-07
2907	NG_1603	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.557	5.56E-07	9.58E-07	Not Modelled	1.29E-08	5.13E-10	6.72E-06	5.55E-08	1.11E-08	1.11E-15	5.55E-09	1.33E-10	9.78E-11	2.72E-10	8.96E-10	5.30E-09	8.47E-11	1.91E-09	9.71E-08	9.00E-09	1.16E-07
2908	NG_1604	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.557	6.12E-07	1.06E-06	Not Modelled	1.43E-08	5.66E-10	7.36E-06	6.11E-08	1.22E-08	1.22E-15	6.12E-09	1.46E-10	1.08E-10	3.00E-10	9.87E-10	5.84E-09	9.34E-11	2.11E-09	1.07E-07	9.92E-09	1.28E-07
2909	NG_1605	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.557	6.74E-07	1.17E-06	Not Modelled	1.59E-08	6.23E-10	8.03E-06	6.73E-08	1.35E-08	1.35E-15	6.73E-09	1.61E-10	1.19E-10	3.30E-10	1.09E-09	6.43E-09	1.03E-10	2.32E-09	1.18E-07	1.09E-08	1.40E-07
2910	NG_1606	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.557	7.41E-07	1.29E-06	Not Modelled	1.77E-08	6.85E-10	8.75E-06	7.40E-08	1.48E-08	1.48E-15	7.40E-09	1.77E-10	1.30E-10	3.63E-10	1.19E-09	7.06E-09	1.13E-10	2.55E-09	1.30E-07	1.20E-08	1.54E-07
2911	NG_1607	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.557	8.18E-07	1.43E-06	Not Modelled	1.97E-08	7.56E-10	9.64E-06	8.17E-08	1.63E-08	1.63E-15	8.18E-09	1.96E-10	1.44E-10	4.01E-10	1.32E-09	7.80E-09	1.25E-10	2.82E-09	1.43E-07	1.33E-08	1.71E-07
2912	NG_1608	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.557	8.98E-07	1.57E-06	Not Modelled	2.19E-08	8.30E-10	1.05E-05	8.97E-08	1.79E-08	1.79E-15	8.97E-09	2.15E-10	1.58E-10	4.40E-10	1.45E-09	8.57E-09	1.37E-10	3.09E-09	1.57E-07	1.46E-08	1.87E-07
2913	NG_1609	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.557	9.73E-07	1.71E-06	Not Modelled	2.40E-08	9.00E-10	1.13E-05	9.72E-08	1.94E-08	1.94E-15	9.73E-09	2.33E-10	1.71E-10	4.77E-10	1.57E-09	9.28E-09	1.48E-10	3.35E-09	1.70E-07	1.58E-08	2.03E-07
2914	NG_1610	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.557	1.04E-06	1.82E-06	Not Modelled	2.60E-08	9.59E-10	1.20E-05	1.04E-07	2.07E-08	2.07E-15	1.04E-08	2.48E-10	1.83E-10	5.08E-10	1.67E-09	9.90E-09	1.58E-10	3.57E-09	1.81E-07	1.68E-08	2.16E-07
2915	NG_1611	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.557	1.09E-06	1.92E-06	Not Modelled	2.79E-08	1.01E-09	1.26E-05	1.09E-07	2.18E-08	2.18E-15	1.09E-08	2.61E-10	1.93E-10	5.36E-10	1.76E-09	1.04E-08	1.67E-10	3.77E-09	1.91E-07	1.77E-08	2.28E-07
2916	NG_1612	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.557	1.13E-06	1.97E-06	Not Modelled	2.93E-08	1.04E-09	1.29E-05	1.13E-07	2.25E-08	2.25E-15	1.13E-08	2.70E-10	1.99E-10	5.53E-10	1.82E-09	1.08E-08	1.72E-10	3.89E-09	1.97E-07	1.83E-08	2.35E-07
2917	NG_1613	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.557	1.15E-06	2.00E-06	Not Modelled	3.04E-08	1.06E-09	1.30E-05	1.15E-07	2.29E-08	2.29E-15	1.15E-08	2.74E-10	2.02E-10	5.62E-10	1.85E-09	1.09E-08	1.75E-10	3.95E-09	2.01E-07	1.86E-08	2.39E-07
2918	NG_1614	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.557	1.15E-06	1.99E-06	Not Modelled	3.09E-08	1.06E-09	1.30E-05	1.15E-07	2.29E-08	2.29E-15	1.15E-08	2.74E-10	2.02E-10	5.62E-10	1.85E-09	1.09E-08	1.75E-10	3.95E-09	2.01E-07	1.86E-08	2.39E-07
2919	NG_1615	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.557	1.13E-06	1.95E-06	Not Modelled	3.09E-08	1.05E-09	1.26E-05	1.13E-07	2.26E-08	2.26E-15	1.13E-08	2.70E-10	1.99E-10	5.54E-10	1.82E-09	1.08E-08	1.72E-10	3.89E-09	1.98E-07	1.83E-08	2.36E-07
2920	NG_1616	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.557	1.10E-06	1.90E-06	Not Modelled	3.03E-08	1.02E-09	1.21E-05	1.10E-07	2.21E-08	2.21E-15	1.10E-08	2.64E-10	1.95E-10	5.41E-10	1.78E-09	1.05E-08	1.68E-10	3.80E-09	1.93E-07	1.79E-08	2.30E-07
2921	NG_1617	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.557	1.08E-06	1.84E-06	Not Modelled	2.93E-08	9.94E-10	1.16E-05	1.07E-07	2.15E-08	2.15E-15	1.08E-08	2.57E-10	1.89E-10	5.27E-10	1.74E-09	1.03E-08	1.64E-10	3.71E-09	1.88E-07	1.74E-08	2.24E-07
2922	NG_1618	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.557	1.04E-06	1.78E-06	Not Modelled	2.78E-08	9.62E-10	1.10E-05	1.04E-07	2.08E-08	2.08E-15	1.04E-08	2.49E-10	1.83E-10	5.10E-10	1.68E-09	9.93E-09	1.59E-10	3.59E-09	1.82E-07	1.69E-08	2.17E-07
2923	NG_1619	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.557	9.96E-07	1.70E-06	Not Modelled	2.59E-08	9.22E-10	1.02E-05	9.96E-08	1.99E-08	1.99E-15	9.96E-09	2.38E-10	1.76E-10	4.88E-10	1.61E-09	9.51E-09	1.52E-10	3.43E-09	1.74E-07	1.62E-08	2.08E-07
2924	NG_1620	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.557	9.52E-07	1.63E-06	Not Modelled	2.39E-08	8.81E-10	9.45E-06	9.52E-08	1.90E-08	1.90E-15	9.52E-09	2.28E-10	1.68E-10	4.67E-10	1.54E-09	9.09E-09	1.45E-10	3.28E-09	1.67E-07	1.54E-08	1.99E-07
2925	NG_1621	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.557	9.07E-07	1.55E-06	Not Modelled	2.20E-08	8.39E-10	8.80E-06	9.07E-08	1.81E-08	1.81E-15	9.07E-09	2.17E-10	1.60E-10	4.45E-10	1.46E-09	8.66E-09	1.38E-10	3.13E-09	1.59E-07	1.47E-08	1.89E-07
2926	NG_1622	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.557	8.61E-07	1.47E-06	Not Modelled	2.01E-08	7.97E-10	8.22E-06	8.61E-08	1.72E-08	1.72E-15	8.61E-09	2.06E-10	1.52E-10	4.22E-10	1.39E-09	8.22E-09	1.31E-10	2.97E-09	1.51E-07	1.40E-08	1.80E-07
2927	NG_1623	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.557	8.18E-07	1.40E-06	Not Modelled	1.84E-08	7.57E-10	7.74E-06	8.18E-08	1.64E-08	1.64E-15	8.18E-09	1.96E-10	1.44E-10	4.01E-10	1.32E-09	7.81E-09	1.25E-10	2.82E-09	1.43E-07	1.33E-08	1.71E-07
2928	NG_1624	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.557	7.77E-07	1.34E-06	Not Modelled	1.70E-08	7.19E-10	7.31E-06	7.77E-08	1.55E-08	1.55E-15	7.77E-09	1.86E-10	1.37E-10	3.81E-10	1.25E-09	7.42E-09	1.19E-10	2.68E-09	1.36E-07	1.26E-08	1.62E-07
2929	NG_1625	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.557	7.43E-07	1.28E-06	Not Modelled	1.58E-08	6.87E-10	7.00E-06	7.42E-08	1.48E-08	1.48E-15	7.43E-09	1.78E-10	1.31E-10	3.64E-10	1.20E-09	7.09E-09	1.13E-10	2.56E-09	1.30E-07	1.20E-08	1.55E-07
2930	NG_1626	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.557	7.18E-07	1.25E-06	Not Modelled	1.49E-08	6.64E-10	6.85E-06	7.18E-08	1.44E-08	1.44E-15	7.18E-09	1.72E-10	1.27E-10	3.52E-10	1.16E-09	6.86E-09	1.10E-10	2.48E-09	1.26E-07	1.16E-08	1.50E-07
2931	NG_1627	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.557	7.01E-07	1.23E-06	Not Modelled	1.43E-08	6.48E-10	6.77E-06	7.00E-08	1.40E-08	1.40E-15	7.01E-09	1.68E-10	1.23E-10	3.43E-10	1.13E-09	6.69E-09	1.07E-10	2.41E-09	1.23E-07	1.14E-08	1.46E-07
2932	NG_1628	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.557	6.85E-07	1.21E-06	Not Modelled	1.38E-08	6.34E-10	6.70E-06	6.85E-08	1.37E-08	1.37E-15	6.85E-09	1.64E-10	1.21E-10	3.36E-10	1.11E-09	6.54E-09	1.05E-10	2.36E-09	1.20E-07	1.11E-08	1.43E-07
2933	NG_1629	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.557	6.73E-07	1.19E-06	Not Modelled	1.35E-08	6.23E-10	6.68E-06	6.73E-08	1.35E-08	1.35E-15	6.73E-09	1.61E-10	1.19E-10	3.30E-10	1.09E-09	6.42E-09	1.03E-10	2.32E-09	1.18E-07	1.09E-08	1.40E-07
2934	NG_1630	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.557	6.65E-07	1.19E-06	Not Modelled	1.32E-08	6.15E-10	6.72E-06	6.64E-08	1.33E-08	1.33E-15	6.65E-09	1.59E-10	1.17E-10	3.26E-10	1.07E-09	6.34E-09	1.01E-10	2.29E-09	1.16E-07	1.08E-08	1.39E-07
2935	NG_1631	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.557	6.53E-07	1.18E-06	Not Modelled	1.30E-08	6.04E-10	6.70E-06	6.53E-08	1.31E-08	1.31E-15	6.53E-09	1.56E-10	1.15E-10	3.20E-10	1.05E-09	6.24E-09	9.97E-11	2.25E-09	1.14E-07	1.06E-08	1.36E-07
2936	NG_1632	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.557	6.40E-07	1.16E-06	Not Modelled	1.27E-08	5.92E-10	6.65E-06	6.40E-08	1.28E-08	1.28E-15	6.40E-09	1.53E-10	1.13E-10	3.14E-10	1.03E-09	6.11E-09	9.77E-11	2.21E-09	1.12E-07	1.04E-08	1.33E-07
2937	NG_1633	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.557	6.20E-07	1.13E-06	Not Modelled	1.22E-08	5.73E-10	6.48E-06	6.20E-08	1.24E-08	1.24E-15	6.20E-09	1.48E-10	1.09E-10	3.04E-10	1.00E-09	5.92E-09	9.46E-11	2.14E-09	1.08E-07	1.01E-08	1.29E-07
2938	NG_1634	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.557	5.97E-07	1.09E-06	Not Modelled	1.18E-08	5.52E-10	6.26E-06	5.97E-08	1.19E-08	1.19E-15	5.97E-09	1.43E-10	1.05E-10	2.93E-10	9.64E-10	5.70E-09	9.11E-11	2.06E-09	1.04E-07	9.68E-09	1.25E-07
2939	NG_1635	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.557	5.72E-07	1.05E-06	Not Modelled	1.12E-08	5.29E-10	6.02E-06	5.72E-08	1.14E-08	1.14E-15	5.72E-09	1.37E-10	1.01E-10	2.81E-10	9.24E-10	5.46E-09	8.74E-11	1.97E-09	1.00E-07	9.28E-09	1.19E-07
2940	NG_1636	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.557	5.50E-07	1.01E-06	Not Modelled	1.08E-08	5.09E-10	5.82E-06	5.50E-08	1.10E-08	1.10E-15	5.50E-09	1.32E-10	9.69E-11	2.70E-10	8.88E-10	5.25E-09	8.39E-11	1.90E-09	9.62E-08	8.92E-09	1.15E-07

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 2 GRID MAX

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							3.08E-06	5.69E-06	0.00E+00	3.69E-07	2.85E-09	1.88E-04	3.08E-07	6.16E-08	6.16E-15	3.08E-08	7.37E-10	5.43E-10	1.51E-09	4.98E-09	2.94E-08	4.71E-10	1.06E-08	5.40E-07	5.00E-08	6.43E-07
Receptor ID of Maximum Offsite Concentration / Deposition Rate							NG_837	NG_837	#N/A	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837
Coordinates of Maximum Offsite Concentration/ Deposition Rate						X	379.464	379.464	#N/A	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464
						Y	6367.607	6367.607	#N/A	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607
2941	NG_1637	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.557	5.26E-07	9.66E-07	Not Modelled	1.03E-08	4.87E-10	5.59E-06	5.26E-08	1.05E-08	1.05E-15	5.26E-09	1.26E-10	9.28E-11	2.58E-10	8.50E-10	5.02E-09	8.03E-11	1.81E-09	9.21E-08	8.54E-09	1.10E-07
2942	NG_1638	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.557	5.01E-07	9.20E-07	Not Modelled	9.73E-09	4.63E-10	5.31E-06	5.00E-08	1.00E-08	1.00E-15	5.01E-09	1.20E-10	8.82E-11	2.45E-10	8.08E-10	4.78E-09	7.64E-11	1.73E-09	8.76E-08	8.12E-09	1.04E-07
2943	NG_1639	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.557	4.75E-07	8.73E-07	Not Modelled	9.18E-09	4.39E-10	5.01E-06	4.74E-08	9.49E-09	9.49E-16	4.75E-09	1.14E-10	8.36E-11	2.33E-10	7.66E-10	4.53E-09	7.25E-11	1.64E-09	8.31E-08	7.70E-09	9.90E-08
2944	NG_1640	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.557	4.49E-07	8.26E-07	Not Modelled	8.64E-09	4.15E-10	4.72E-06	4.49E-08	8.98E-09	8.98E-16	4.49E-09	1.07E-10	7.91E-11	2.20E-10	7.25E-10	4.29E-09	6.86E-11	1.55E-09	7.86E-08	7.28E-09	9.37E-08
2945	NG_1641	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.607	4.40E-07	7.51E-07	Not Modelled	9.67E-09	4.05E-10	5.18E-06	4.38E-08	8.76E-09	8.76E-16	4.38E-09	1.05E-10	7.72E-11	2.15E-10	7.08E-10	4.18E-09	6.69E-11	1.51E-09	7.67E-08	7.11E-09	9.14E-08
2946	NG_1642	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.607	4.77E-07	8.18E-07	Not Modelled	1.05E-08	4.40E-10	5.55E-06	4.76E-08	9.51E-09	9.51E-16	4.76E-09	1.14E-10	8.39E-11	2.33E-10	7.68E-10	4.54E-09	7.26E-11	1.64E-09	8.33E-08	7.72E-09	9.93E-08
2947	NG_1643	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.607	5.20E-07	8.95E-07	Not Modelled	1.16E-08	4.80E-10	6.00E-06	5.18E-08	1.04E-08	1.04E-15	5.19E-09	1.24E-10	9.14E-11	2.54E-10	8.37E-10	4.95E-09	7.92E-11	1.79E-09	9.08E-08	8.41E-09	1.08E-07
2948	NG_1644	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.607	5.69E-07	9.85E-07	Not Modelled	1.28E-08	5.26E-10	6.56E-06	5.68E-08	1.14E-08	1.14E-15	5.69E-09	1.36E-10	1.00E-10	2.79E-10	9.18E-10	5.43E-09	8.68E-11	1.96E-09	9.95E-08	9.22E-09	1.19E-07
2949	NG_1645	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.607	6.23E-07	1.08E-06	Not Modelled	1.42E-08	5.76E-10	7.14E-06	6.22E-08	1.24E-08	1.24E-15	6.22E-09	1.49E-10	1.10E-10	3.05E-10	1.00E-09	5.94E-09	9.50E-11	2.14E-09	1.09E-07	1.01E-08	1.30E-07
2950	NG_1646	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.607	6.83E-07	1.19E-06	Not Modelled	1.57E-08	6.31E-10	7.80E-06	6.82E-08	1.36E-08	1.36E-15	6.82E-09	1.63E-10	1.20E-10	3.34E-10	1.10E-09	6.51E-09	1.04E-10	2.35E-09	1.19E-07	1.11E-08	1.42E-07
2951	NG_1647	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.607	7.45E-07	1.30E-06	Not Modelled	1.74E-08	6.89E-10	8.48E-06	7.44E-08	1.49E-08	1.49E-15	7.45E-09	1.78E-10	1.31E-10	3.65E-10	1.20E-09	7.11E-09	1.14E-10	2.57E-09	1.30E-07	1.21E-08	1.55E-07
2952	NG_1648	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.607	8.16E-07	1.43E-06	Not Modelled	1.93E-08	7.54E-10	9.27E-06	8.15E-08	1.63E-08	1.63E-15	8.15E-09	1.95E-10	1.44E-10	4.00E-10	1.32E-09	7.78E-09	1.24E-10	2.81E-09	1.43E-07	1.32E-08	1.70E-07
2953	NG_1649	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.607	8.84E-07	1.55E-06	Not Modelled	2.13E-08	8.17E-10	1.00E-05	8.83E-08	1.77E-08	1.77E-15	8.83E-09	2.11E-10	1.56E-10	4.33E-10	1.43E-09	8.43E-09	1.35E-10	3.04E-09	1.55E-07	1.43E-08	1.84E-07
2954	NG_1650	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.607	9.48E-07	1.67E-06	Not Modelled	2.32E-08	8.77E-10	1.07E-05	9.47E-08	1.89E-08	1.89E-15	9.48E-09	2.27E-10	1.67E-10	4.65E-10	1.53E-09	9.05E-09	1.45E-10	3.27E-09	1.66E-07	1.54E-08	1.98E-07
2955	NG_1651	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.607	1.00E-06	1.76E-06	Not Modelled	2.49E-08	9.26E-10	1.13E-05	1.00E-07	2.00E-08	2.00E-15	1.00E-08	2.39E-10	1.76E-10	4.91E-10	1.62E-09	9.56E-09	1.53E-10	3.45E-09	1.75E-07	1.62E-08	2.09E-07
2956	NG_1652	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.607	1.04E-06	1.83E-06	Not Modelled	2.64E-08	9.64E-10	1.17E-05	1.04E-07	2.08E-08	2.08E-15	1.04E-08	2.49E-10	1.84E-10	5.11E-10	1.68E-09	9.95E-09	1.59E-10	3.59E-09	1.82E-07	1.69E-08	2.18E-07
2957	NG_1653	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.607	1.07E-06	1.87E-06	Not Modelled	2.76E-08	9.89E-10	1.19E-05	1.07E-07	2.14E-08	2.14E-15	1.07E-08	2.56E-10	1.88E-10	5.24E-10	1.73E-09	1.02E-08	1.63E-10	3.68E-09	1.87E-07	1.73E-08	2.23E-07
2958	NG_1654	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.607	1.08E-06	1.88E-06	Not Modelled	2.85E-08	9.99E-10	1.19E-05	1.08E-07	2.16E-08	2.16E-15	1.08E-08	2.58E-10	1.90E-10	5.29E-10	1.74E-09	1.03E-08	1.65E-10	3.72E-09	1.89E-07	1.75E-08	2.25E-07
2959	NG_1655	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.607	1.08E-06	1.87E-06	Not Modelled	2.89E-08	9.96E-10	1.18E-05	1.08E-07	2.15E-08	2.15E-15	1.08E-08	2.58E-10	1.90E-10	5.28E-10	1.74E-09	1.03E-08	1.64E-10	3.71E-09	1.89E-07	1.75E-08	2.25E-07
2960	NG_1656	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.607	1.06E-06	1.83E-06	Not Modelled	2.88E-08	9.82E-10	1.15E-05	1.06E-07	2.12E-08	2.12E-15	1.06E-08	2.54E-10	1.87E-10	5.21E-10	1.71E-09	1.01E-08	1.62E-10	3.66E-09	1.86E-07	1.72E-08	2.22E-07
2961	NG_1657	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.607	1.04E-06	1.79E-06	Not Modelled	2.82E-08	9.61E-10	1.11E-05	1.04E-07	2.08E-08	2.08E-15	1.04E-08	2.48E-10	1.83E-10	5.09E-10	1.68E-09	9.92E-09	1.59E-10	3.58E-09	1.82E-07	1.69E-08	2.17E-07
2962	NG_1658	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.607	1.01E-06	1.73E-06	Not Modelled	2.73E-08	9.34E-10	1.06E-05	1.01E-07	2.02E-08	2.02E-15	1.01E-08	2.42E-10	1.78E-10	4.95E-10	1.63E-09	9.64E-09	1.54E-10	3.48E-09	1.77E-07	1.64E-08	2.11E-07
2963	NG_1659	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.607	9.79E-07	1.68E-06	Not Modelled	2.60E-08	9.06E-10	1.00E-05	9.79E-08	1.96E-08	1.96E-15	9.79E-09	2.34E-10	1.73E-10	4.80E-10	1.58E-09	9.35E-09	1.49E-10	3.38E-09	1.71E-07	1.59E-08	2.04E-07
2964	NG_1660	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.607	9.44E-07	1.61E-06	Not Modelled	2.44E-08	8.73E-10	9.44E-06	9.43E-08	1.89E-08	1.89E-15	9.44E-09	2.26E-10	1.66E-10	4.63E-10	1.52E-09	9.01E-09	1.44E-10	3.25E-09	1.65E-07	1.53E-08	1.97E-07
2965	NG_1661	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.607	9.05E-07	1.55E-06	Not Modelled	2.27E-08	8.37E-10	8.84E-06	9.05E-08	1.81E-08	1.81E-15	9.05E-09	2.16E-10	1.59E-10	4.44E-10	1.46E-09	8.64E-09	1.38E-10	3.12E-09	1.58E-07	1.47E-08	1.89E-07
2966	NG_1662	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.607	8.62E-07	1.48E-06	Not Modelled	2.08E-08	7.98E-10	8.25E-06	8.62E-08	1.72E-08	1.72E-15	8.63E-09	2.06E-10	1.52E-10	4.23E-10	1.39E-09	8.23E-09	1.32E-10	2.97E-09	1.51E-07	1.40E-08	1.80E-07
2967	NG_1663	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.607	8.20E-07	1.41E-06	Not Modelled	1.91E-08	7.58E-10	7.72E-06	8.20E-08	1.64E-08	1.64E-15	8.20E-09	1.96E-10	1.44E-10	4.02E-10	1.32E-09	7.83E-09	1.25E-10	2.83E-09	1.44E-07	1.33E-08	1.71E-07
2968	NG_1664	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.607	7.79E-07	1.34E-06	Not Modelled	1.76E-08	7.20E-10	7.26E-06	7.78E-08	1.56E-08	1.56E-15	7.79E-09	1.86E-10	1.37E-10	3.82E-10	1.26E-09	7.43E-09	1.19E-10	2.68E-09	1.36E-07	1.26E-08	1.62E-07
2969	NG_1665	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.607	7.41E-07	1.28E-06	Not Modelled	1.62E-08	6.85E-10	6.89E-06	7.41E-08	1.48E-08	1.48E-15	7.41E-09	1.77E-10	1.31E-10	3.63E-10	1.20E-09	7.07E-09	1.13E-10	2.55E-09	1.30E-07	1.20E-08	1.55E-07
2970	NG_1666	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.607	7.08E-07	1.22E-06	Not Modelled	1.51E-08	6.55E-10	6.60E-06	7.08E-08	1.42E-08	1.42E-15	7.08E-09	1.69E-10	1.25E-10	3.47E-10	1.14E-09	6.76E-09	1.08E-10	2.44E-09	1.24E-07	1.15E-08	1.48E-07
2971	NG_1667	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.607	6.82E-07	1.18E-06	Not Modelled	1.42E-08	6.31E-10	6.41E-06	6.82E-08	1.36E-08	1.36E-15	6.82E-09	1.63E-10	1.20E-10	3.35E-10	1.10E-09	6.51E-09	1.04E-10	2.35E-09	1.19E-07	1.11E-08	1.42E-07
2972	NG_1668	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.607	6.63E-07	1.16E-06	Not Modelled	1.36E-08	6.13E-10	6.29E-06	6.63E-08	1.33E-08	1.33E-15	6.63E-09	1.59E-10	1.17E-10	3.25E-10	1.07E-09	6.33E-09	1.01E-10	2.29E-09	1.16E-07	1.08E-08	1.38E-07
2973	NG_1669	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.607	6.50E-07	1.14E-06	Not Modelled	1.31E-08	6.01E-10	6.25E-06	6.49E-08	1.30E-08	1.30E-15	6.50E-09	1.55E-10	1.14E-10	3.19E-10	1.05E-09	6.20E-09	9.92E-11	2.24E-09	1.14E-07	1.05E-08	1.36E-07
2974	NG_1670	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.607	6.41E-07	1.14E-06	Not Modelled	1.29E-08	5.93E-10	6.28E-06	6.41E-08	1.28E-08	1.28E-15	6.41E-09	1.53E-10	1.13E-10	3.14E-10	1.03E-09	6.12E-09	9.78E-11	2.21E-09	1.12E-07	1.04E-08	1.34E-07
2975	NG_1671	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.607	6.33E-07	1.13E-06	Not Modelled	1.26E-08	5.86E-10	6.31E-06	6.33E-08	1.27E-08	1.27E-15	6.33E-09	1.51E-10	1.12E-10	3.10E-10	1.02E-09	6.04E-09	9.66E-11	2.18E-09	1.11E-07	1.03E-08	1.32E-07
2976	NG_1672	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.607	6.24E-07	1.12E-06	Not Modelled	1.24E-08	5.78E-10	6.31E-06	6.24E-08	1.25E-08	1.25E-15	6.25E-09	1.49E-10	1.10E-10	3.06E-10	1.01E-09	5.96E-09	9.53E-11	2.15E-09	1.09E-07	1.01E-08	1.30E-07
2977	NG_1673	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.607	6.11E-07	1.10E-06	Not Modelled	1.21E-08	5.65E-10	6.25E-06	6.11E-08	1.22E-08	1.22E-15	6.11E-09	1.46E-10	1.08E-10	3.00E-10	9.87E-10	5.83E-09	9.33E-11	2.11E-09	1.07E-07	9.91E-09	1.28E-07
2978	NG_1674	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.607	5.96E-07	1.08E-06	Not Modelled	1.18E-08	5.51E-10	6.14E-06	5.96E-08	1.19E-08	1.19E-15	5.96E-09	1.43E-10	1.05E-10	2.92E-10	9.62E-10	5.69E-09	9.09E-11	2.05E-09	1.04E-07	9.66E-09	1.24E-07
2979	NG_1675	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.607	5.76E-07	1.05E-06	Not Modelled	1.14E-08	5.33E-10	5.97E-06	5.76E-08	1.15E-08	1.15E-15	5.76E-09	1.38E-10	1.02E-10	2.83E-10	9.30E-10	5.50E-09	8.80E-11	1.99E-09	1.01E-07	9.35E-09	1.20E-07
2980	NG_1676	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.607	5.59E-07	1.02E-06	Not Modelled	1.10E-08	5.17E-10	5.84E-06	5.58E-08	1.12E-08	1.12E-15	5.59E-09	1.34E-10	9.84E-11	2.74E-10	9.02E-10	5.33E-09	8.53E-11	1.93E-09	9.78E-08	9.06E-09	1.17E-07
2981	NG_1677	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.607	5.38E-07	9.86E-07	Not Modelled	1.06E-08	4.98E-10	5.66E-06	5.38E-08	1.08E-08	1.08E-15	5.38E-09	1.29E-10	9.48E-11	2.64E-10	8.69E-10	5.14E-09	8.21E-11	1.85E-09	9.42E-08	8.73E-09	1.12E-07
2982	NG_1678	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.607	5.16E-07	9.47E-07	Not Modelled	1.01E-08	4.77E-10	5.44E-06	5.15E-08	1.03E-08	1.03E-15	5.16E-09	1.23E-10	9.09E-11	2.53E-10	8.32E-10	4.92E-09	7.87E-11	1.78E-09	9.03E-08	8.36E-09	1.08E-07
2983	NG_1679	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.607	4.93E-07	9.06E-07	Not Modelled	9.65E-09	4.56E-10	5.21E-06	4.93E-08	9.86E-09	9.86E-16	4.93E-09	1.18E-10	8.69E-11	2.42E-10	7.96E-10	4.71E-09	7.53E-11	1.70E-09	8.63E-08	8.00E-09	1.03E-07
2984	NG_1680	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.607	4.71E-07	8.67E-07	Not Modelled	9.19E-09	4.36E-10	4.98E-06	4.71E-08	9.42E-09	9.42E-16	4.71E-09	1.13E-10	8.30E-11	2.31E-10	7.61E-10	4.50E-09	7.19E-11	1.62E-09	8.25E-08	7.64E-09	9.83E-08
2985	NG_1681	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.607	4.50E-07	8.29E-07	Not Modelled	8.75E-09	4.16E-10	4.77E-06	4.50E-08	8.99E-09	8.99E-16	4.50E-09	1.08E-10	7.93E-11	2.21E-10	7.26E-10	4.29E-09	6.87E-11	1.55E-09	7.87E-08	7.30E-09	9.39E-08

AQIA DATA - SCENARIO 2 RESIDENTIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.179**	**0.358**	**0.000**	**0.074**	**0.000**	**0.113**	**0.018**	**0.004**	**3.58E-10**	**1.79E-03**	**4.28E-05**	**3.16E-05**	**8.78E-05**	**2.89E-04**	**1.71E-03**	**2.73E-05**	**6.17E-04**	**0.031**	**0.003**	**0.037**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**SR_300**	**SR_300**	**#N/A**	**SR_271**	**SR_300**	**SR_299**	**SR_300**	**SR_300**	**SR_300**	**SR_300**	**SR_300**	**SR_300**	**SR_300**	**SR_300**	**SR_300**	**SR_300**	**SR_300**	**SR_300**	**SR_300**	**SR_300**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.964**	**379.964**	**#N/A**	**378.837**	**379.964**	**379.929**	**379.964**	**379.964**	**379.964**	**379.964**	**379.964**	**379.964**	**379.964**	**379.964**	**379.964**	**379.964**	**379.964**	**379.964**	**379.964**	**379.964**
						Y	**6366.659**	**6366.659**	**#N/A**	**6368.740**	**6366.659**	**6366.674**	**6366.659**	**6366.659**	**6366.659**	**6366.659**	**6366.659**	**6366.659**	**6366.659**	**6366.659**	**6366.659**	**6366.659**	**6366.659**	**6366.659**	**6366.659**	**6366.659**
1232	SR_271	Sensitive Receptor	Residential	Offsite	378.837	6368.740	1.27E-01	2.53E-01	Not Modelled	7.44E-02	1.17E-04	9.70E-02	1.27E-02	2.53E-03	2.53E-10	1.27E-03	3.03E-05	2.23E-05	6.21E-05	2.04E-04	1.21E-03	1.93E-05	4.36E-04	2.22E-02	2.05E-03	2.64E-02
1233	SR_272	Sensitive Receptor	Residential	Offsite	378.134	6368.193	8.63E-02	1.73E-01	Not Modelled	4.95E-02	7.99E-05	6.94E-02	8.63E-03	1.73E-03	1.73E-10	8.64E-04	2.07E-05	1.52E-05	4.23E-05	1.39E-04	8.24E-04	1.32E-05	2.98E-04	1.51E-02	1.40E-03	1.80E-02
1234	SR_273	Sensitive Receptor	Residential	Offsite	378.115	6367.996	8.90E-02	1.78E-01	Not Modelled	5.01E-02	8.24E-05	7.29E-02	8.90E-03	1.78E-03	1.78E-10	8.91E-04	2.13E-05	1.57E-05	4.37E-05	1.44E-04	8.50E-04	1.36E-05	3.07E-04	1.56E-02	1.44E-03	1.86E-02
1235	SR_274	Sensitive Receptor	Residential	Offsite	378.143	6367.950	9.18E-02	1.84E-01	Not Modelled	5.15E-02	8.49E-05	7.59E-02	9.18E-03	1.84E-03	1.84E-10	9.18E-04	2.20E-05	1.62E-05	4.50E-05	1.48E-04	8.77E-04	1.40E-05	3.16E-04	1.61E-02	1.49E-03	1.92E-02
1236	SR_275	Sensitive Receptor	Residential	Offsite	378.169	6367.907	9.45E-02	1.89E-01	Not Modelled	5.29E-02	8.75E-05	7.88E-02	9.46E-03	1.89E-03	1.89E-10	9.46E-04	2.26E-05	1.67E-05	4.64E-05	1.53E-04	9.03E-04	1.44E-05	3.26E-04	1.66E-02	1.53E-03	1.97E-02
1237	SR_276	Sensitive Receptor	Residential	Offsite	378.185	6367.877	9.66E-02	1.93E-01	Not Modelled	5.40E-02	8.94E-05	8.10E-02	9.66E-03	1.93E-03	1.93E-10	9.67E-04	2.31E-05	1.70E-05	4.74E-05	1.56E-04	9.23E-04	1.48E-05	3.33E-04	1.69E-02	1.57E-03	2.02E-02
1238	SR_277	Sensitive Receptor	Residential	Offsite	378.200	6367.850	9.83E-02	1.97E-01	Not Modelled	5.48E-02	9.10E-05	8.27E-02	9.83E-03	1.97E-03	1.97E-10	9.84E-04	2.35E-05	1.73E-05	4.82E-05	1.59E-04	9.39E-04	1.50E-05	3.39E-04	1.72E-02	1.60E-03	2.05E-02
1239	SR_278	Sensitive Receptor	Residential	Offsite	378.097	6367.941	8.87E-02	1.78E-01	Not Modelled	4.99E-02	8.21E-05	7.31E-02	8.87E-03	1.77E-03	1.77E-10	8.87E-04	2.12E-05	1.56E-05	4.35E-05	1.43E-04	8.47E-04	1.35E-05	3.06E-04	1.55E-02	1.44E-03	1.85E-02
1240	SR_279	Sensitive Receptor	Residential	Offsite	378.081	6367.889	8.79E-02	1.76E-01	Not Modelled	4.93E-02	8.13E-05	7.26E-02	8.79E-03	1.76E-03	1.76E-10	8.79E-04	2.10E-05	1.55E-05	4.31E-05	1.42E-04	8.39E-04	1.34E-05	3.03E-04	1.54E-02	1.43E-03	1.83E-02
1241	SR_280	Sensitive Receptor	Residential	Offsite	378.069	6367.843	8.69E-02	1.74E-01	Not Modelled	4.85E-02	8.04E-05	7.17E-02	8.69E-03	1.74E-03	1.74E-10	8.70E-04	2.08E-05	1.53E-05	4.26E-05	1.40E-04	8.30E-04	1.33E-05	3.00E-04	1.52E-02	1.41E-03	1.81E-02
1242	SR_281	Sensitive Receptor	Residential	Offsite	378.056	6367.797	8.63E-02	1.73E-01	Not Modelled	4.79E-02	7.98E-05	7.12E-02	8.63E-03	1.73E-03	1.73E-10	8.63E-04	2.06E-05	1.52E-05	4.23E-05	1.39E-04	8.24E-04	1.32E-05	2.97E-04	1.51E-02	1.40E-03	1.80E-02
1243	SR_282	Sensitive Receptor	Residential	Offsite	378.122	6367.917	9.07E-02	1.82E-01	Not Modelled	5.09E-02	8.40E-05	7.51E-02	9.07E-03	1.81E-03	1.81E-10	9.08E-04	2.17E-05	1.60E-05	4.45E-05	1.47E-04	8.66E-04	1.39E-05	3.13E-04	1.59E-02	1.47E-03	1.89E-02
1244	SR_283	Sensitive Receptor	Residential	Offsite	378.110	6367.883	8.99E-02	1.80E-01	Not Modelled	5.03E-02	8.33E-05	7.45E-02	9.00E-03	1.80E-03	1.80E-10	9.00E-04	2.15E-05	1.59E-05	4.41E-05	1.45E-04	8.59E-04	1.37E-05	3.10E-04	1.58E-02	1.46E-03	1.88E-02
1245	SR_284	Sensitive Receptor	Residential	Offsite	378.098	6367.845	8.90E-02	1.78E-01	Not Modelled	4.96E-02	8.24E-05	7.37E-02	8.90E-03	1.78E-03	1.78E-10	8.91E-04	2.13E-05	1.57E-05	4.37E-05	1.44E-04	8.50E-04	1.36E-05	3.07E-04	1.56E-02	1.44E-03	1.86E-02
1246	SR_285	Sensitive Receptor	Residential	Offsite	378.087	6367.803	8.85E-02	1.77E-01	Not Modelled	4.92E-02	8.19E-05	7.33E-02	8.85E-03	1.77E-03	1.77E-10	8.86E-04	2.12E-05	1.56E-05	4.34E-05	1.43E-04	8.45E-04	1.35E-05	3.05E-04	1.55E-02	1.44E-03	1.85E-02
1247	SR_286	Sensitive Receptor	Residential	Offsite	378.145	6367.872	9.29E-02	1.86E-01	Not Modelled	5.19E-02	8.60E-05	7.74E-02	9.30E-03	1.86E-03	1.86E-10	9.30E-04	2.22E-05	1.64E-05	4.56E-05	1.50E-04	8.88E-04	1.42E-05	3.20E-04	1.63E-02	1.51E-03	1.94E-02
1248	SR_287	Sensitive Receptor	Residential	Offsite	378.132	6367.836	9.21E-02	1.84E-01	Not Modelled	5.13E-02	8.52E-05	7.68E-02	9.21E-03	1.84E-03	1.84E-10	9.21E-04	2.20E-05	1.62E-05	4.52E-05	1.49E-04	8.79E-04	1.41E-05	3.18E-04	1.61E-02	1.49E-03	1.92E-02
1249	SR_288	Sensitive Receptor	Residential	Offsite	378.122	6367.798	9.19E-02	1.84E-01	Not Modelled	5.12E-02	8.51E-05	7.68E-02	9.19E-03	1.84E-03	1.84E-10	9.20E-04	2.20E-05	1.62E-05	4.51E-05	1.48E-04	8.78E-04	1.40E-05	3.17E-04	1.61E-02	1.49E-03	1.92E-02
1250	SR_289	Sensitive Receptor	Residential	Offsite	378.165	6367.846	9.51E-02	1.90E-01	Not Modelled	5.31E-02	8.80E-05	7.97E-02	9.51E-03	1.90E-03	1.90E-10	9.52E-04	2.28E-05	1.68E-05	4.67E-05	1.54E-04	9.08E-04	1.45E-05	3.28E-04	1.67E-02	1.54E-03	1.99E-02
1251	SR_290	Sensitive Receptor	Residential	Offsite	378.155	6367.814	9.44E-02	1.89E-01	Not Modelled	5.26E-02	8.74E-05	7.92E-02	9.45E-03	1.89E-03	1.89E-10	9.45E-04	2.26E-05	1.67E-05	4.63E-05	1.53E-04	9.02E-04	1.44E-05	3.26E-04	1.65E-02	1.53E-03	1.97E-02
1252	SR_291	Sensitive Receptor	Residential	Offsite	378.145	6367.779	9.42E-02	1.89E-01	Not Modelled	5.24E-02	8.72E-05	7.91E-02	9.43E-03	1.88E-03	1.88E-10	9.43E-04	2.26E-05	1.66E-05	4.62E-05	1.52E-04	9.00E-04	1.44E-05	3.25E-04	1.65E-02	1.53E-03	1.97E-02
1253	SR_292	Sensitive Receptor	Residential	Offsite	378.131	6367.743	9.35E-02	1.87E-01	Not Modelled	5.18E-02	8.65E-05	7.84E-02	9.35E-03	1.87E-03	1.87E-10	9.35E-04	2.24E-05	1.65E-05	4.59E-05	1.51E-04	8.93E-04	1.43E-05	3.22E-04	1.64E-02	1.52E-03	1.95E-02
1254	SR_293	Sensitive Receptor	Residential	Offsite	378.180	6367.783	9.73E-02	1.95E-01	Not Modelled	5.40E-02	9.00E-05	8.20E-02	9.73E-03	1.95E-03	1.95E-10	9.73E-04	2.33E-05	1.72E-05	4.77E-05	1.57E-04	9.29E-04	1.49E-05	3.35E-04	1.70E-02	1.58E-03	2.03E-02
1255	SR_294	Sensitive Receptor	Residential	Offsite	378.169	6367.748	9.65E-02	1.93E-01	Not Modelled	5.33E-02	8.93E-05	8.12E-02	9.65E-03	1.93E-03	1.93E-10	9.65E-04	2.31E-05	1.70E-05	4.73E-05	1.56E-04	9.21E-04	1.47E-05	3.33E-04	1.69E-02	1.57E-03	2.01E-02
1256	SR_295	Sensitive Receptor	Residential	Offsite	378.204	6367.755	1.00E-01	2.00E-01	Not Modelled	5.53E-02	9.25E-05	8.46E-02	1.00E-02	2.00E-03	2.00E-10	1.00E-03	2.39E-05	1.76E-05	4.90E-05	1.62E-04	9.55E-04	1.53E-05	3.45E-04	1.75E-02	1.62E-03	2.09E-02
1257	SR_296	Sensitive Receptor	Residential	Offsite	378.195	6367.730	9.91E-02	1.98E-01	Not Modelled	5.45E-02	9.17E-05	8.35E-02	9.91E-03	1.98E-03	1.98E-10	9.91E-04	2.37E-05	1.75E-05	4.86E-05	1.60E-04	9.46E-04	1.51E-05	3.42E-04	1.73E-02	1.61E-03	2.07E-02
1258	SR_297	Sensitive Receptor	Residential	Offsite	378.221	6367.722	1.02E-01	2.04E-01	Not Modelled	5.62E-02	9.44E-05	8.65E-02	1.02E-02	2.04E-03	2.04E-10	1.02E-03	2.44E-05	1.80E-05	5.01E-05	1.65E-04	9.75E-04	1.56E-05	3.52E-04	1.79E-02	1.66E-03	2.13E-02
1260	SR_299	Sensitive Receptor	Residential	Offsite	379.929	6366.674	1.77E-01	3.55E-01	Not Modelled	7.00E-02	1.64E-04	1.13E-01	1.77E-02	3.55E-03	3.55E-10	1.77E-03	4.25E-05	3.13E-05	8.70E-05	2.87E-04	1.69E-03	2.71E-05	6.12E-04	3.11E-02	2.88E-03	3.70E-02
1261	SR_300	Sensitive Receptor	Residential	Offsite	379.964	6366.659	1.79E-01	3.58E-01	Not Modelled	7.00E-02	1.66E-04	1.12E-01	1.79E-02	3.58E-03	3.58E-10	1.79E-03	4.28E-05	3.16E-05	8.78E-05	2.89E-04	1.71E-03	2.73E-05	6.17E-04	3.14E-02	2.90E-03	3.74E-02
1262	SR_301	Sensitive Receptor	Residential	Offsite	379.914	6366.612	1.48E-01	2.96E-01	Not Modelled	5.87E-02	1.37E-04	9.34E-02	1.48E-02	2.96E-03	2.96E-10	1.48E-03	3.54E-05	2.61E-05	7.27E-05	2.39E-04	1.41E-03	2.26E-05	5.11E-04	2.59E-02	2.40E-03	3.09E-02
1263	SR_302	Sensitive Receptor	Residential	Offsite	379.954	6366.593	1.49E-01	2.98E-01	Not Modelled	5.84E-02	1.38E-04	9.20E-02	1.49E-02	2.97E-03	2.97E-10	1.49E-03	3.56E-05	2.62E-05	7.29E-05	2.40E-04	1.42E-03	2.27E-05	5.13E-04	2.60E-02	2.41E-03	3.10E-02
1264	SR_303	Sensitive Receptor	Residential	Offsite	377.335	6366.729	5.60E-02	1.12E-01	Not Modelled	2.76E-02	5.19E-05	3.66E-02	5.61E-03	1.12E-03	1.12E-10	5.61E-04	1.34E-05	9.89E-06	2.75E-05	9.06E-05	5.36E-04	8.56E-06	1.93E-04	9.82E-03	9.10E-04	1.17E-02
1265	SR_304	Sensitive Receptor	Residential	Offsite	377.341	6366.701	5.71E-02	1.15E-01	Not Modelled	2.79E-02	5.29E-05	3.69E-02	5.72E-03	1.14E-03	1.14E-10	5.72E-04	1.37E-05	1.01E-05	2.80E-05	9.23E-05	5.46E-04	8.73E-06	1.97E-04	1.00E-02	9.28E-04	1.19E-02
1266	SR_305	Sensitive Receptor	Residential	Offsite	377.348	6366.669	5.87E-02	1.18E-01	Not Modelled	2.85E-02	5.44E-05	3.75E-02	5.88E-03	1.18E-03	1.18E-10	5.88E-04	1.41E-05	1.04E-05	2.88E-05	9.50E-05	5.61E-04	8.98E-06	2.03E-04	1.03E-02	9.54E-04	1.23E-02
1267	SR_306	Sensitive Receptor	Residential	Offsite	377.354	6366.640	6.02E-02	1.21E-01	Not Modelled	2.90E-02	5.58E-05	3.81E-02	6.03E-03	1.21E-03	1.21E-10	6.03E-04	1.44E-05	1.06E-05	2.96E-05	9.74E-05	5.76E-04	9.21E-06	2.08E-04	1.06E-02	9.79E-04	1.26E-02
1268	SR_307	Sensitive Receptor	Residential	Offsite	377.357	6366.612	6.16E-02	1.24E-01	Not Modelled	2.96E-02	5.71E-05	3.86E-02	6.17E-03	1.23E-03	1.23E-10	6.17E-04	1.48E-05	1.09E-05	3.03E-05	9.97E-05	5.89E-04	9.42E-06	2.13E-04	1.08E-02	1.00E-03	1.29E-02
1269	SR_308	Sensitive Receptor	Residential	Offsite	377.359	6366.584	6.30E-02	1.26E-01	Not Modelled	3.01E-02	5.84E-05	3.91E-02	6.31E-03	1.26E-03	1.26E-10	6.31E-04	1.51E-05	1.11E-05	3.09E-05	1.02E-04	6.02E-04	9.63E-06	2.17E-04	1.10E-02	1.02E-03	1.32E-02
1270	SR_309	Sensitive Receptor	Residential	Offsite	377.356	6366.526	6.48E-02	1.30E-01	Not Modelled	3.08E-02	6.01E-05	3.95E-02	6.49E-03	1.30E-03	1.30E-10	6.50E-04	1.55E-05	1.14E-05	3.18E-05	1.05E-04	6.20E-04	9.91E-06	2.24E-04	1.14E-02	1.05E-03	1.36E-02
1271	SR_310	Sensitive Receptor	Residential	Offsite	377.355	6366.500	6.54E-02	1.31E-01	Not Modelled	3.10E-02	6.07E-05	3.95E-02	6.56E-03	1.31E-03	1.31E-10	6.56E-04	1.57E-05	1.16E-05	3.22E-05	1.06E-04	6.26E-04	1.00E-05	2.26E-04	1.15E-02	1.06E-03	1.37E-02
1272	SR_311	Sensitive Receptor	Residential	Offsite	377.355	6366.474	6.59E-02	1.32E-01	Not Modelled	3.12E-02	6.11E-05	3.95E-02	6.61E-03	1.32E-03	1.32E-10	6.61E-04	1.58E-05	1.16E-05	3.24E-05	1.07E-04	6.31E-04	1.01E-05	2.28E-04	1.16E-02	1.07E-03	1.38E-02
1273	SR_312	Sensitive Receptor	Residential	Offsite	377.353	6366.444	6.62E-02	1.33E-01	Not Modelled	3.12E-02	6.14E-05	3.93E-02	6.64E-03	1.33E-03	1.33E-10	6.64E-04	1.59E-05	1.17E-05	3.26E-05	1.07E-04	6.34E-04	1.01E-05	2.29E-04	1.16E-02	1.08E-03	1.39E-02
1274	SR_313	Sensitive Receptor	Residential	Offsite	377.352	6366.418	6.64E-02	1.33E-01	Not Modelled	3.13E-02	6.16E-05	3.90E-02	6.65E-03	1.33E-03	1.33E-10	6.65E-04	1.59E-05	1.17E-05	3.26E-05	1.07E-04	6.35E-04	1.02E-05	2.29E-04	1.16E-02	1.08E-03	1.39E-02
1275	SR_314	Sensitive Receptor	Residential	Offsite	377.352	6366.392	6.64E-02	1.33E-01	Not Modelled	3.13E-02	6.16E-05	3.87E-02	6.66E-03	1.33E-03	1.33E-10	6.66E-04	1.59E-05	1.17E-05	3.26E-05	1.08E-04	6.36E-04	1.02E-05	2.29E-04	1.17E-02	1.08E-03	1.39E-02
1276	SR_315	Sensitive Receptor	Residential	Offsite	377.352	6366.361	6.64E-02	1.33E-01	Not Modelled	3.13E-02	6.16E-05	3.84E-02	6.66E-03	1.33E-03	1.33E-10	6.66E-04	1.59E-05	1.17E-05	3.26E-05	1.07E-04	6.35E-04	1.02E-05	2.29E-04	1.17E-02	1.08E-03	1.39E-02
1277	SR_316	Sensitive Receptor	Residential	Offsite	377.355	6366.225	6.61E-02	1.33E-01	Not Modelled	3.16E-02	6.14E-05	3.76E-02	6.63E-03	1.33E-03	1.33E-10	6.63E-04	1.59E-05	1.17E-05	3.25E-05	1.07E-04	6.33E-04	1.01E-05	2.28E-04	1.16E-02	1.08E-03	1.38E-02
1278	SR_317	Sensitive Receptor	Residential	Offsite	377.357	6366.199	6.60E-02	1.32E-01	Not Modelled	3.16E-02	6.12E-05	3.74E-02	6.61E-03	1.32E-03	1.32E-10	6.62E-04	1.58E-05	1.17E-05	3.24E-05	1.07E-04	6.31E-04	1.01E-05	2.28E-04	1.16E-02	1.07E-03	1.38E-02
1279	SR_318	Sensitive Receptor	Residential	Offsite	377.358	6366.114	6.43E-02	1.29E-01	Not Modelled	3.13E-02	5.97E-05	3.63E-02	6.45E-03	1.29E-03	1.29E-10	6.45E-04	1.54E-05	1.14E-05	3.16E-05	1.04E-04	6.16E-04	9.84E-06	2.22E-04	1.13E-02	1.05E-03	1.35E-02
1280	SR_319	Sensitive Receptor	Residential	Offsite	377.359	6366.086	6.37E-02	1.28E-01	Not Modelled	3.12E-02	5.91E-05	3.60E-02	6.39E-03	1.28E-03	1.28E-10	6.39E-04	1.53E-05	1.13E-05	3.13E-05	1.03E-04	6.10E-04	9.75E-06	2.20E-04	1.12E-02	1.04E-03	1.33E-02
1281	SR_320	Sensitive Receptor	Residential	Offsite	377.415	6366.112	6.62E-02	1.33E-01	Not Modelled	3.25E-02	6.14E-05	3.78E-02	6.64E-03	1.33E-03	1.33E-10	6.64E-04	1.59E-05	1.17E-05	3.25E-05	1.07E-04	6.34E-04	1.01E-05	2.29E-04	1.16E-02	1.08E-03	1.39E-02
1282	SR_321	Sensitive Receptor	Residential	Offsite	377.424	6366.069	6.51E-02	1.31E-01	Not Modelled	3.23E-02	6.04E-05	3.72E-02	6.53E-03	1.31E-03	1.31E-10	6.53E-04	1.56E-05	1.15E-05	3.20E-05	1.05E-04	6.23E-04	9.96E-06	2.25E-04	1.14E-02	1.06E-03	1.36E-02
1283	SR_322	Sensitive Receptor	Residential	Offsite	377.490	6365.297	3.58E-02	7.18E-02	Not Modelled	2.03E-02	3.32E-05	2.02E-02	3.58E-03	7.17E-04	7.17E-11	3.59E-04	8.57E-06	6.32E-06	1.76E-05	5.79E-05	3.42E-04	5.47E-06	1.23E-04	6.27E-03	5.81E-04	7.48E-03
1284	SR_323	Sensitive Receptor	Residential	Offsite	377.501	6365.274	3.50E-02	7.03E-02	Not Modelled	1.99E-02	3.25E-05	1.98E-02	3.51E-03	7.02E-04	7.02E-11	3.51E-04	8.40E-06	6.19E-06	1.72E-05	5.67E-05	3.35E-04	5.36E-06	1.21E-04	6.15E-03	5.70E-04	7.33E-03
1285	SR_324	Sensitive Receptor	Residential	Offsite	377.517	6365.248	3.42E-02	6.88E-02	Not Modelled	1.95E-02	3.18E-05	1.93E-02	3.43E-03	6.86E-04	6.86E-11	3.43E-04	8.21E-06	6.05E-06	1.68E-05	5.54E-05	3.28E-04	5.24E-06	1.18E-04	6.01E-03	5.57E-04	7.16E-03
1286	SR_325	Sensitive Receptor	Residential	Offsite	377.545	6365.208	3.32E-02	6.67E-02	Not Modelled	1.89E-02	3.08E-05	1.88E-02	3.33E-03	6.66E-04	6.66E-11	3.33E-04	7.97E-06	5.87E-06	1.63E-05	5.38E-05	3.18E-04	5.08E-06	1.15E-04	5.83E-03	5.41E-04	6.95E-03
1287	SR_326	Sensitive Receptor	Residential	Offsite	377.560	6365.175	3.23E-02	6.50E-02	Not Modelled	1.84E-02	3.00E-05	1.82E-02	3.24E-03	6.48E-04	6.48E-11	3.24E-04	7.75E-06	5.71E-06	1.59E-05	5.23E-05	3.09E-04	4.95E-06	1.12E-04	5.68E-03	5.26E-04	6.77E-03
1288	SR_327	Sensitive Receptor	Residential	Offsite	377.551	6365.143	3.14E-02	6.31E-02	Not Modelled	1.79E-02	2.91E-05	1.76E-02	3.15E-03	6.30E-04	6.30E-11	3.15E-04	7.53E-06	5.55E-06	1.54E-05	5.08E-05	3.01E-04	4.80E-06	1.08E-04	5.51E-03	5.11E-04	6.57E-03
1289	SR_328	Sensitive Receptor	Residential	Offsite	377.584	6365.158	3.21E-02	6.44E-02	Not Modelled	1.83E-02	2.97E-05	1.81E-02	3.21E-03	6.42E-04	6.42E-11	3.21E-04	7.68E-06	5.66E-06	1.58E-05	5.19E-05	3.07E-04	4.90E-06	1.11E-04	5.62E-03	5.21E-04	6.71E-03
1290	SR_329	Sensitive Receptor	Residential	Offsite	377.571	6365.096	3.04E-02	6.10E-02	Not Modelled	1.73E-02	2.82E-05	1.70E-02	3.04E-03	6.09E-04	6.09E-11	3.05E-04	7.28E-06	5.36E-06	1.49E-05	4.91E-05	2.90E-04	4.64E-06	1.05E-04	5.33E-03	4.94E-04	6.35E-03
1291	SR_330	Sensitive Receptor	Residential	Offsite	377.612	6365.109	3.14E-02	6.31E-02	Not Modelled	1.80E-02	2.92E-05	1.79E-02	3.15E-03	6.30E-04	6.30E-11	3.15E-04	7.54E-06	5.55E-06	1.55E-05	5.09E-05	3.01E-04	4.81E-06	1.09E-04	5.52E-03	5.11E-04	6.58E-03
1292	SR_331	Sensitive Receptor	Residential	Offsite	377.578	6365.066	2.98E-02	5.98E-02	Not Modelled	1.70E-02	2.76E-05	1.66E-02	2.98E-03	5.96E-04	5.96E-11	2.98E-04	7.13E-06	5.26E-06	1.46E-05	4.82E-05	2.85E-04	4.55E-06	1.03E-04	5.22E-03	4.84E-04	6.22E-03
1293	SR_332	Sensitive Receptor	Residential	Offsite	377.621	6365.086	3.09E-02	6.21E-02	Not Modelled	1.77E-02	2.87E-05	1.76E-02	3.10E-03	6.20E-04	6.20E-11	3.10E-04	7.42E-06	5.47E-06	1.52E-05	5.01E-05	2.96E-04	4.73E-06	1.07E-04	5.43E-03	5.03E-04	6.47E-03
1294	SR_333	Sensitive Receptor	Residential	Offsite	377.604	6365.014	2.87E-02	5.77E-02	Not Modelled	1.64E-02	2.67E-05	1.60E-02	2.88E-03	5.76E-04	5.76E-11	2.88E-04	6.89E-06	5.08E-06	1.41E-05	4.65E-05	2.75E-04	4.40E-06	9.92E-05	5.04E-03	4.67E-04	6.01E-03
1295	SR_334	Sensitive Receptor	Residential	Offsite	377.637	6365.025	2.93E-02	5.88E-02	Not Modelled	1.68E-02	2.72E-05	1.65E-02	2.94E-03	5.87E-04	5.87E-11	2.94E-04	7.02E-06	5.18E-06	1.44E-05	4.74E-05	2.80E-04	4.48E-06	1.01E-04	5.14E-03	4.76E-04	6.13E-03
1296	SR_335	Sensitive Receptor	Residential	Offsite	377.670	6365.038	2.99E-02	6.00E-02	Not Modelled	1.72E-02	2.77E-05	1.70E-02	2.99E-03	5.99E-04	5.99E-11	3.00E-04	7.16E-06	5.28E-06	1.47E-05	4.83E-05	2.86E-04	4.57E-06	1.03E-04	5.24E-03	4.86E-04	6.25E-03
1297	SR_336	Sensitive Receptor	Residential	Offsite	377.685	6364.995	2.82E-02	5.67E-02	Not Modelled	1.62E-02	2.62E-05	1.59E-02	2.83E-03	5.66E-04	5.66E-11	2.83E-04	6.77E-06	4.99E-06	1.39E-05	4.57E-05	2.70E-04	4.32E-06	9.76E-05	4.96E-03	4.59E-04	5.91E-03
1298	SR_337	Sensitive Receptor	Residential	Offsite	377.707	6364.724	2.18E-02	4.39E-02	Not Modelled	1.24E-02	2.02E-05	1.17E-02	2.19E-03	4.37E-04	4.37E-11	2.19E-04	5.23E-06	3.86E-06	1.07E-05	3.53E-05	2.09E-04	3.34E-06	7.54E-05	3.83E-03	3.55E-04	4.56E-03
1299	SR_338	Sensitive Receptor	Residential	Offsite	377.738	6364.735	2.19E-02	4.41E-02	Not Modelled	1.25E-02	2.04E-05	1.18E-02	2.20E-03	4.40E-04	4.40E-11	2.20E-04	5.26E-06	3.88E-06	1.08E-05	3.55E-05	2.10E-04	3.36E-06	7.58E-05	3.85E-03	3.57E-04	4.59E-03
1300	SR_339	Sensitive Receptor	Residential	Offsite	377.769	6364.749	2.21E-02	4.44E-02	Not Modelled	1.26E-02	2.05E-05	1.20E-02	2.22E-03	4.43E-04	4.43E-11	2.22E-04	5.30E-06	3.91E-06	1.09E-05	3.58E-05	2.11E-04	3.38E-06	7.63E-05	3.88E-03	3.60E-04	4.62E-03
1301	SR_340	Sensitive Receptor	Residential	Offsite	377.799	6364.758	2.22E-02	4.46E-02	Not Modelled	1.27E-02	2.06E-05	1.21E-02	2.22E-03	4.44E-04	4.44E-11	2.22E-04	5.31E-06	3.92E-06	1.09E-05	3.59E-05	2.12E-04	3.39E-06	7.66E-05	3.89E-03	3.61E-04	4.64E-03
1302	SR_341	Sensitive Receptor	Residential	Offsite	377.830	6364.769	2.23E-02	4.47E-02	Not Modelled	1.27E-02	2.07E-05	1.22E-02	2.23E-03	4.46E-04	4.46E-11	2.23E-04	5.34E-06	3.93E-06	1.09E-05	3.60E-05	2.13E-04	3.41E-06	7.69E-05	3.91E-03	3.62E-04	4.66E-03
1303	SR_342	Sensitive Receptor	Residential	Offsite	377.857	6364.784	2.25E-02	4.52E-02	Not Modelled	1.28E-02	2.08E-05	1.24E-02	2.25E-03	4.50E-04	4.50E-11	2.25E-04	5.39E-06	3.97E-06	1.10E-05	3.64E-05	2.15E-04	3.44E-06	7.76E-05	3.94E-03	3.65E-04	4.70E-03
1304	SR_343	Sensitive Receptor	Residential	Offsite	380.055	6370.517	2.79E-02	5.59E-02	Not Modelled	1.58E-02	2.58E-05	1.62E-02	2.79E-03	5.58E-04	5.58E-11	2.79E-04	6.68E-06	4.92E-06	1.37E-05	4.51E-05	2.66E-04	4.26E-06	9.62E-05	4.89E-03	4.53E-04	5.82E-03

AQIA DATA - SCENARIO 2 RESIDENTIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.00**	**0.00**	**0.00**	**0.00**	**0.000**	**0.00**	**0.00**	**0.00**	**1.19E-15**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**SR_271**	**SR_271**	**#N/A**	**SR_271**	**SR_271**	**SR_299**	**SR_271**	**SR_271**	**SR_271**	**SR_271**	**SR_271**	**SR_271**	**SR_271**	**SR_271**	**SR_271**	**SR_271**	**SR_271**	**SR_271**	**SR_271**	**SR_271**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**378.837**	**378.837**	**#N/A**	**378.837**	**378.837**	**379.929**	**378.837**	**378.837**	**378.837**	**378.837**	**378.837**	**378.837**	**378.837**	**378.837**	**378.837**	**378.837**	**378.837**	**378.837**	**378.837**	**378.837**
						Y	**6368.740**	**6368.740**	**#N/A**	**6368.740**	**6368.740**	**6366.674**	**6368.740**	**6368.740**	**6368.740**	**6368.740**	**6368.740**	**6368.740**	**6368.740**	**6368.740**	**6368.740**	**6368.740**	**6368.740**	**6368.740**	**6368.740**	**6368.740**
1232	SR_271	Sensitive Receptor	Residential	Offsite	378.837	6368.740	5.99E-07	1.04E-06	Not Modelled	1.29E-08	5.53E-10	6.29E-06	5.97E-08	1.19E-08	1.19E-15	5.97E-09	1.43E-10	1.05E-10	2.93E-10	9.64E-10	5.70E-09	9.12E-11	2.06E-09	1.05E-07	9.69E-09	1.25E-07
1233	SR_272	Sensitive Receptor	Residential	Offsite	378.134	6368.193	1.97E-07	3.41E-07	Not Modelled	6.83E-09	1.81E-10	4.36E-06	1.96E-08	3.92E-09	3.92E-16	1.96E-09	4.69E-11	3.46E-11	9.61E-11	3.17E-10	1.87E-09	2.99E-11	6.76E-10	3.43E-08	3.18E-09	4.09E-08
1234	SR_273	Sensitive Receptor	Residential	Offsite	378.115	6367.996	1.62E-07	2.84E-07	Not Modelled	7.05E-09	1.49E-10	4.59E-06	1.61E-08	3.22E-09	3.22E-16	1.61E-09	3.85E-11	2.83E-11	7.88E-11	2.60E-10	1.54E-09	2.45E-11	5.54E-10	2.81E-08	2.61E-09	3.36E-08
1235	SR_274	Sensitive Receptor	Residential	Offsite	378.143	6367.950	1.59E-07	2.79E-07	Not Modelled	7.45E-09	1.46E-10	4.80E-06	1.58E-08	3.15E-09	3.15E-16	1.58E-09	3.77E-11	2.78E-11	7.72E-11	2.54E-10	1.50E-09	2.40E-11	5.43E-10	2.76E-08	2.56E-09	3.29E-08
1236	SR_275	Sensitive Receptor	Residential	Offsite	378.169	6367.907	1.56E-07	2.77E-07	Not Modelled	7.82E-09	1.44E-10	5.00E-06	1.55E-08	3.11E-09	3.11E-16	1.55E-09	3.72E-11	2.74E-11	7.62E-11	2.51E-10	1.48E-09	2.37E-11	5.36E-10	2.72E-08	2.52E-09	3.24E-08
1237	SR_276	Sensitive Receptor	Residential	Offsite	378.185	6367.877	1.56E-07	2.77E-07	Not Modelled	8.08E-09	1.43E-10	5.15E-06	1.55E-08	3.09E-09	3.09E-16	1.55E-09	3.70E-11	2.72E-11	7.58E-11	2.50E-10	1.48E-09	2.36E-11	5.33E-10	2.71E-08	2.51E-09	3.23E-08
1238	SR_277	Sensitive Receptor	Residential	Offsite	378.200	6367.850	1.55E-07	2.76E-07	Not Modelled	8.30E-09	1.42E-10	5.27E-06	1.54E-08	3.08E-09	3.08E-16	1.54E-09	3.68E-11	2.71E-11	7.55E-11	2.48E-10	1.47E-09	2.35E-11	5.30E-10	2.69E-08	2.50E-09	3.21E-08
1239	SR_278	Sensitive Receptor	Residential	Offsite	378.097	6367.941	1.54E-07	2.70E-07	Not Modelled	6.96E-09	1.41E-10	4.59E-06	1.53E-08	3.05E-09	3.05E-16	1.53E-09	3.65E-11	2.69E-11	7.48E-11	2.46E-10	1.46E-09	2.33E-11	5.26E-10	2.67E-08	2.48E-09	3.18E-08
1240	SR_279	Sensitive Receptor	Residential	Offsite	378.081	6367.889	1.47E-07	2.59E-07	Not Modelled	6.83E-09	1.35E-10	4.55E-06	1.46E-08	2.91E-09	2.91E-16	1.46E-09	3.48E-11	2.57E-11	7.14E-11	2.35E-10	1.39E-09	2.22E-11	5.02E-10	2.55E-08	2.36E-09	3.04E-08
1241	SR_280	Sensitive Receptor	Residential	Offsite	378.069	6367.843	1.41E-07	2.49E-07	Not Modelled	6.71E-09	1.30E-10	4.49E-06	1.40E-08	2.80E-09	2.80E-16	1.40E-09	3.35E-11	2.47E-11	6.86E-11	2.26E-10	1.34E-09	2.14E-11	4.82E-10	2.45E-08	2.27E-09	2.92E-08
1242	SR_281	Sensitive Receptor	Residential	Offsite	378.056	6367.797	1.37E-07	2.42E-07	Not Modelled	6.57E-09	1.25E-10	4.45E-06	1.35E-08	2.70E-09	2.70E-16	1.35E-09	3.24E-11	2.38E-11	6.63E-11	2.18E-10	1.29E-09	2.07E-11	4.66E-10	2.37E-08	2.19E-09	2.82E-08
1243	SR_282	Sensitive Receptor	Residential	Offsite	378.122	6367.917	1.53E-07	2.70E-07	Not Modelled	7.26E-09	1.41E-10	4.74E-06	1.52E-08	3.04E-09	3.04E-16	1.52E-09	3.64E-11	2.68E-11	7.46E-11	2.46E-10	1.45E-09	2.32E-11	5.24E-10	2.66E-08	2.47E-09	3.17E-08
1244	SR_283	Sensitive Receptor	Residential	Offsite	378.110	6367.883	1.49E-07	2.63E-07	Not Modelled	7.15E-09	1.36E-10	4.69E-06	1.47E-08	2.95E-09	2.95E-16	1.47E-09	3.53E-11	2.60E-11	7.23E-11	2.38E-10	1.41E-09	2.25E-11	5.08E-10	2.58E-08	2.39E-09	3.08E-08
1245	SR_284	Sensitive Receptor	Residential	Offsite	378.098	6367.845	1.44E-07	2.55E-07	Not Modelled	7.02E-09	1.32E-10	4.63E-06	1.43E-08	2.85E-09	2.85E-16	1.43E-09	3.41E-11	2.52E-11	7.00E-11	2.30E-10	1.36E-09	2.18E-11	4.92E-10	2.50E-08	2.31E-09	2.98E-08
1246	SR_285	Sensitive Receptor	Residential	Offsite	378.087	6367.803	1.40E-07	2.48E-07	Not Modelled	6.90E-09	1.28E-10	4.60E-06	1.38E-08	2.77E-09	2.77E-16	1.38E-09	3.31E-11	2.44E-11	6.79E-11	2.24E-10	1.32E-09	2.11E-11	4.77E-10	2.42E-08	2.25E-09	2.89E-08
1247	SR_286	Sensitive Receptor	Residential	Offsite	378.145	6367.872	1.51E-07	2.68E-07	Not Modelled	7.57E-09	1.39E-10	4.90E-06	1.50E-08	3.00E-09	3.00E-16	1.50E-09	3.58E-11	2.64E-11	7.35E-11	2.42E-10	1.43E-09	2.29E-11	5.16E-10	2.62E-08	2.43E-09	3.13E-08
1248	SR_287	Sensitive Receptor	Residential	Offsite	378.132	6367.836	1.47E-07	2.60E-07	Not Modelled	7.43E-09	1.35E-10	4.85E-06	1.45E-08	2.91E-09	2.91E-16	1.45E-09	3.48E-11	2.56E-11	7.13E-11	2.35E-10	1.39E-09	2.22E-11	5.01E-10	2.55E-08	2.36E-09	3.04E-08
1249	SR_288	Sensitive Receptor	Residential	Offsite	378.122	6367.798	1.43E-07	2.55E-07	Not Modelled	7.33E-09	1.31E-10	4.84E-06	1.42E-08	2.84E-09	2.84E-16	1.42E-09	3.40E-11	2.50E-11	6.96E-11	2.29E-10	1.36E-09	2.17E-11	4.89E-10	2.49E-08	2.30E-09	2.96E-08
1250	SR_289	Sensitive Receptor	Residential	Offsite	378.165	6367.846	1.51E-07	2.69E-07	Not Modelled	7.85E-09	1.39E-10	5.06E-06	1.50E-08	3.00E-09	3.00E-16	1.50E-09	3.58E-11	2.64E-11	7.35E-11	2.42E-10	1.43E-09	2.29E-11	5.17E-10	2.62E-08	2.43E-09	3.13E-08
1251	SR_290	Sensitive Receptor	Residential	Offsite	378.155	6367.814	1.47E-07	2.63E-07	Not Modelled	7.73E-09	1.35E-10	5.01E-06	1.46E-08	2.92E-09	2.92E-16	1.46E-09	3.50E-11	2.58E-11	7.17E-11	2.36E-10	1.40E-09	2.23E-11	5.04E-10	2.56E-08	2.37E-09	3.05E-08
1252	SR_291	Sensitive Receptor	Residential	Offsite	378.145	6367.779	1.45E-07	2.58E-07	Not Modelled	7.62E-09	1.33E-10	5.00E-06	1.43E-08	2.86E-09	2.86E-16	1.43E-09	3.43E-11	2.52E-11	7.02E-11	2.31E-10	1.37E-09	2.19E-11	4.94E-10	2.51E-08	2.32E-09	2.99E-08
1253	SR_292	Sensitive Receptor	Residential	Offsite	378.131	6367.743	1.41E-07	2.52E-07	Not Modelled	7.43E-09	1.29E-10	4.94E-06	1.40E-08	2.80E-09	2.80E-16	1.40E-09	3.35E-11	2.47E-11	6.86E-11	2.26E-10	1.34E-09	2.14E-11	4.82E-10	2.45E-08	2.27E-09	2.92E-08
1254	SR_293	Sensitive Receptor	Residential	Offsite	378.180	6367.783	1.48E-07	2.65E-07	Not Modelled	8.06E-09	1.36E-10	5.21E-06	1.47E-08	2.94E-09	2.94E-16	1.47E-09	3.52E-11	2.59E-11	7.22E-11	2.38E-10	1.40E-09	2.25E-11	5.07E-10	2.58E-08	2.39E-09	3.07E-08
1255	SR_294	Sensitive Receptor	Residential	Offsite	378.169	6367.748	1.45E-07	2.60E-07	Not Modelled	7.89E-09	1.33E-10	5.14E-06	1.44E-08	2.88E-09	2.88E-16	1.44E-09	3.44E-11	2.54E-11	7.06E-11	2.32E-10	1.37E-09	2.20E-11	4.96E-10	2.52E-08	2.33E-09	3.00E-08
1256	SR_295	Sensitive Receptor	Residential	Offsite	378.204	6367.755	1.50E-07	2.68E-07	Not Modelled	8.37E-09	1.37E-10	5.39E-06	1.48E-08	2.97E-09	2.97E-16	1.49E-09	3.55E-11	2.62E-11	7.28E-11	2.40E-10	1.42E-09	2.27E-11	5.12E-10	2.60E-08	2.41E-09	3.10E-08
1257	SR_296	Sensitive Receptor	Residential	Offsite	378.195	6367.730	1.47E-07	2.64E-07	Not Modelled	8.21E-09	1.35E-10	5.31E-06	1.46E-08	2.92E-09	2.92E-16	1.46E-09	3.49E-11	2.57E-11	7.15E-11	2.36E-10	1.39E-09	2.23E-11	5.03E-10	2.55E-08	2.37E-09	3.04E-08
1258	SR_297	Sensitive Receptor	Residential	Offsite	378.221	6367.722	1.50E-07	2.70E-07	Not Modelled	8.57E-09	1.38E-10	5.51E-06	1.49E-08	2.98E-09	2.98E-16	1.49E-09	3.56E-11	2.62E-11	7.30E-11	2.40E-10	1.42E-09	2.27E-11	5.13E-10	2.61E-08	2.42E-09	3.11E-08
1260	SR_299	Sensitive Receptor	Residential	Offsite	379.929	6366.674	1.99E-07	3.60E-07	Not Modelled	5.12E-09	1.79E-10	6.41E-06	1.94E-08	3.88E-09	3.88E-16	1.94E-09	4.64E-11	3.42E-11	9.51E-11	3.13E-10	1.85E-09	2.96E-11	6.68E-10	3.39E-08	3.14E-09	4.05E-08
1261	SR_300	Sensitive Receptor	Residential	Offsite	379.964	6366.659	2.01E-07	3.63E-07	Not Modelled	5.19E-09	1.80E-10	6.36E-06	1.95E-08	3.90E-09	3.90E-16	1.95E-09	4.67E-11	3.44E-11	9.56E-11	3.15E-10	1.86E-09	2.98E-11	6.72E-10	3.41E-08	3.16E-09	4.07E-08
1262	SR_301	Sensitive Receptor	Residential	Offsite	379.914	6366.612	1.68E-07	2.94E-07	Not Modelled	4.11E-09	1.48E-10	5.30E-06	1.60E-08	3.20E-09	3.20E-16	1.60E-09	3.83E-11	2.82E-11	7.85E-11	2.58E-10	1.53E-09	2.44E-11	5.52E-10	2.80E-08	2.60E-09	3.34E-08
1263	SR_302	Sensitive Receptor	Residential	Offsite	379.954	6366.593	1.68E-07	2.94E-07	Not Modelled	4.13E-09	1.48E-10	5.22E-06	1.60E-08	3.20E-09	3.20E-16	1.60E-09	3.83E-11	2.82E-11	7.85E-11	2.58E-10	1.53E-09	2.44E-11	5.52E-10	2.80E-08	2.60E-09	3.34E-08
1264	SR_303	Sensitive Receptor	Residential	Offsite	377.335	6366.729	8.33E-08	9.82E-08	Not Modelled	2.91E-09	5.69E-11	2.18E-06	6.14E-09	1.23E-09	1.23E-16	6.15E-10	1.47E-11	1.08E-11	3.01E-11	9.92E-11	5.87E-10	9.38E-12	2.12E-10	1.08E-08	9.97E-10	1.28E-08
1265	SR_304	Sensitive Receptor	Residential	Offsite	377.341	6366.701	8.44E-08	9.94E-08	Not Modelled	2.94E-09	5.75E-11	2.20E-06	6.22E-09	1.24E-09	1.24E-16	6.22E-10	1.49E-11	1.10E-11	3.05E-11	1.00E-10	5.93E-10	9.49E-12	2.14E-10	1.09E-08	1.01E-09	1.30E-08
1266	SR_305	Sensitive Receptor	Residential	Offsite	377.348	6366.669	8.61E-08	1.01E-07	Not Modelled	2.97E-09	5.86E-11	2.23E-06	6.33E-09	1.27E-09	1.27E-16	6.33E-10	1.51E-11	1.12E-11	3.11E-11	1.02E-10	6.04E-10	9.67E-12	2.18E-10	1.11E-08	1.03E-09	1.32E-08
1267	SR_306	Sensitive Receptor	Residential	Offsite	377.354	6366.640	8.76E-08	1.03E-07	Not Modelled	3.01E-09	5.96E-11	2.26E-06	6.44E-09	1.29E-09	1.29E-16	6.44E-10	1.54E-11	1.14E-11	3.16E-11	1.04E-10	6.15E-10	9.83E-12	2.22E-10	1.13E-08	1.04E-09	1.34E-08
1268	SR_307	Sensitive Receptor	Residential	Offsite	377.357	6366.612	8.88E-08	1.05E-07	Not Modelled	3.03E-09	6.06E-11	2.29E-06	6.55E-09	1.31E-09	1.31E-16	6.55E-10	1.57E-11	1.15E-11	3.21E-11	1.06E-10	6.25E-10	9.99E-12	2.26E-10	1.15E-08	1.06E-09	1.37E-08
1269	SR_308	Sensitive Receptor	Residential	Offsite	377.359	6366.584	8.98E-08	1.08E-07	Not Modelled	3.06E-09	6.16E-11	2.32E-06	6.65E-09	1.33E-09	1.33E-16	6.65E-10	1.59E-11	1.17E-11	3.26E-11	1.07E-10	6.35E-10	1.02E-11	2.29E-10	1.16E-08	1.08E-09	1.39E-08
1270	SR_309	Sensitive Receptor	Residential	Offsite	377.356	6366.526	8.99E-08	1.12E-07	Not Modelled	3.07E-09	6.30E-11	2.33E-06	6.81E-09	1.36E-09	1.36E-16	6.81E-10	1.63E-11	1.20E-11	3.34E-11	1.10E-10	6.50E-10	1.04E-11	2.35E-10	1.19E-08	1.10E-09	1.42E-08
1271	SR_310	Sensitive Receptor	Residential	Offsite	377.355	6366.500	8.97E-08	1.14E-07	Not Modelled	3.07E-09	6.35E-11	2.33E-06	6.86E-09	1.37E-09	1.37E-16	6.86E-10	1.64E-11	1.21E-11	3.36E-11	1.11E-10	6.55E-10	1.05E-11	2.36E-10	1.20E-08	1.11E-09	1.43E-08
1272	SR_311	Sensitive Receptor	Residential	Offsite	377.355	6366.474	8.93E-08	1.15E-07	Not Modelled	3.05E-09	6.39E-11	2.33E-06	6.90E-09	1.38E-09	1.38E-16	6.90E-10	1.65E-11	1.22E-11	3.38E-11	1.11E-10	6.59E-10	1.05E-11	2.38E-10	1.21E-08	1.12E-09	1.44E-08
1273	SR_312	Sensitive Receptor	Residential	Offsite	377.353	6366.444	8.84E-08	1.17E-07	Not Modelled	3.03E-09	6.41E-11	2.31E-06	6.93E-09	1.39E-09	1.39E-16	6.93E-10	1.66E-11	1.22E-11	3.40E-11	1.12E-10	6.62E-10	1.06E-11	2.39E-10	1.21E-08	1.12E-09	1.45E-08
1274	SR_313	Sensitive Receptor	Residential	Offsite	377.352	6366.418	8.74E-08	1.18E-07	Not Modelled	3.00E-09	6.43E-11	2.29E-06	6.94E-09	1.39E-09	1.39E-16	6.95E-10	1.66E-11	1.22E-11	3.40E-11	1.12E-10	6.63E-10	1.06E-11	2.39E-10	1.22E-08	1.13E-09	1.45E-08
1275	SR_314	Sensitive Receptor	Residential	Offsite	377.352	6366.392	8.65E-08	1.19E-07	Not Modelled	2.97E-09	6.43E-11	2.27E-06	6.95E-09	1.39E-09	1.39E-16	6.95E-10	1.66E-11	1.22E-11	3.41E-11	1.12E-10	6.63E-10	1.06E-11	2.39E-10	1.22E-08	1.13E-09	1.45E-08
1276	SR_315	Sensitive Receptor	Residential	Offsite	377.352	6366.361	8.53E-08	1.20E-07	Not Modelled	2.93E-09	6.43E-11	2.25E-06	6.94E-09	1.39E-09	1.39E-16	6.95E-10	1.66E-11	1.22E-11	3.41E-11	1.12E-10	6.63E-10	1.06E-11	2.39E-10	1.22E-08	1.13E-09	1.45E-08
1277	SR_316	Sensitive Receptor	Residential	Offsite	377.355	6366.225	8.02E-08	1.23E-07	Not Modelled	2.75E-09	6.39E-11	2.18E-06	6.90E-09	1.38E-09	1.38E-16	6.90E-10	1.65E-11	1.22E-11	3.38E-11	1.11E-10	6.59E-10	1.05E-11	2.38E-10	1.21E-08	1.12E-09	1.44E-08
1278	SR_317	Sensitive Receptor	Residential	Offsite	377.357	6366.199	7.94E-08	1.23E-07	Not Modelled	2.71E-09	6.36E-11	2.17E-06	6.87E-09	1.37E-09	1.37E-16	6.88E-10	1.64E-11	1.21E-11	3.37E-11	1.11E-10	6.56E-10	1.05E-11	2.37E-10	1.20E-08	1.12E-09	1.43E-08
1279	SR_318	Sensitive Receptor	Residential	Offsite	377.358	6366.114	7.60E-08	1.21E-07	Not Modelled	2.55E-09	6.20E-11	2.09E-06	6.70E-09	1.34E-09	1.34E-16	6.70E-10	1.60E-11	1.18E-11	3.28E-11	1.08E-10	6.39E-10	1.02E-11	2.31E-10	1.17E-08	1.09E-09	1.40E-08
1280	SR_319	Sensitive Receptor	Residential	Offsite	377.359	6366.086	7.50E-08	1.20E-07	Not Modelled	2.50E-09	6.13E-11	2.07E-06	6.63E-09	1.33E-09	1.33E-16	6.63E-10	1.59E-11	1.17E-11	3.25E-11	1.07E-10	6.33E-10	1.01E-11	2.28E-10	1.16E-08	1.08E-09	1.38E-08
1281	SR_320	Sensitive Receptor	Residential	Offsite	377.415	6366.112	7.81E-08	1.21E-07	Not Modelled	2.55E-09	6.26E-11	2.17E-06	6.76E-09	1.35E-09	1.35E-16	6.77E-10	1.62E-11	1.19E-11	3.32E-11	1.09E-10	6.46E-10	1.03E-11	2.33E-10	1.18E-08	1.10E-09	1.41E-08
1282	SR_321	Sensitive Receptor	Residential	Offsite	377.424	6366.069	7.63E-08	1.19E-07	Not Modelled	2.45E-09	6.14E-11	2.13E-06	6.63E-09	1.33E-09	1.33E-16	6.64E-10	1.59E-11	1.17E-11	3.25E-11	1.07E-10	6.33E-10	1.01E-11	2.29E-10	1.16E-08	1.08E-09	1.38E-08
1283	SR_322	Sensitive Receptor	Residential	Offsite	377.490	6365.297	4.03E-08	6.71E-08	Not Modelled	1.20E-09	3.42E-11	1.14E-06	3.70E-09	7.40E-10	7.40E-17	3.70E-10	8.85E-12	6.52E-12	1.81E-11	5.97E-11	3.53E-10	5.65E-12	1.27E-10	6.48E-09	6.00E-10	7.72E-09
1284	SR_323	Sensitive Receptor	Residential	Offsite	377.501	6365.274	3.96E-08	6.57E-08	Not Modelled	1.18E-09	3.36E-11	1.12E-06	3.63E-09	7.25E-10	7.25E-17	3.63E-10	8.67E-12	6.39E-12	1.78E-11	5.85E-11	3.46E-10	5.53E-12	1.25E-10	6.35E-09	5.88E-10	7.57E-09
1285	SR_324	Sensitive Receptor	Residential	Offsite	377.517	6365.248	3.89E-08	6.40E-08	Not Modelled	1.15E-09	3.28E-11	1.09E-06	3.54E-09	7.08E-10	7.08E-17	3.54E-10	8.47E-12	6.24E-12	1.74E-11	5.72E-11	3.38E-10	5.41E-12	1.22E-10	6.20E-09	5.75E-10	7.39E-09
1286	SR_325	Sensitive Receptor	Residential	Offsite	377.545	6365.208	3.80E-08	6.17E-08	Not Modelled	1.11E-09	3.18E-11	1.06E-06	3.43E-09	6.86E-10	6.86E-17	3.43E-10	8.21E-12	6.05E-12	1.68E-11	5.54E-11	3.28E-10	5.24E-12	1.18E-10	6.01E-09	5.57E-10	7.16E-09
1287	SR_326	Sensitive Receptor	Residential	Offsite	377.560	6365.175	3.71E-08	5.99E-08	Not Modelled	1.08E-09	3.09E-11	1.03E-06	3.34E-09	6.68E-10	6.68E-17	3.34E-10	7.99E-12	5.89E-12	1.64E-11	5.40E-11	3.19E-10	5.10E-12	1.15E-10	5.85E-09	5.42E-10	6.98E-09
1288	SR_327	Sensitive Receptor	Residential	Offsite	377.551	6365.143	3.61E-08	5.86E-08	Not Modelled	1.06E-09	3.03E-11	9.93E-07	3.27E-09	6.54E-10	6.54E-17	3.27E-10	7.82E-12	5.76E-12	1.60E-11	5.28E-11	3.12E-10	4.99E-12	1.13E-10	5.72E-09	5.30E-10	6.82E-09
1289	SR_328	Sensitive Receptor	Residential	Offsite	377.584	6365.158	3.69E-08	5.88E-08	Not Modelled	1.07E-09	3.05E-11	1.02E-06	3.30E-09	6.60E-10	6.60E-17	3.30E-10	7.89E-12	5.81E-12	1.62E-11	5.33E-11	3.15E-10	5.03E-12	1.14E-10	5.77E-09	5.35E-10	6.88E-09
1290	SR_329	Sensitive Receptor	Residential	Offsite	377.571	6365.096	3.51E-08	5.66E-08	Not Modelled	1.02E-09	2.93E-11	9.58E-07	3.16E-09	6.33E-10	6.33E-17	3.17E-10	7.57E-12	5.58E-12	1.55E-11	5.11E-11	3.02E-10	4.83E-12	1.09E-10	5.54E-09	5.13E-10	6.60E-09
1291	SR_330	Sensitive Receptor	Residential	Offsite	377.612	6365.109	3.62E-08	5.71E-08	Not Modelled	1.05E-09	2.98E-11	1.01E-06	3.22E-09	6.43E-10	6.43E-17	3.22E-10	7.69E-12	5.67E-12	1.58E-11	5.20E-11	3.07E-10	4.91E-12	1.11E-10	5.63E-09	5.22E-10	6.71E-09
1292	SR_331	Sensitive Receptor	Residential	Offsite	377.578	6365.066	3.45E-08	5.55E-08	Not Modelled	1.00E-09	2.87E-11	9.38E-07	3.11E-09	6.21E-10	6.21E-17	3.11E-10	7.43E-12	5.47E-12	1.52E-11	5.01E-11	2.96E-10	4.74E-12	1.07E-10	5.44E-09	5.04E-10	6.48E-09
1293	SR_332	Sensitive Receptor	Residential	Offsite	377.621	6365.086	3.57E-08	5.62E-08	Not Modelled	1.03E-09	2.93E-11	9.93E-07	3.17E-09	6.34E-10	6.34E-17	3.17E-10	7.58E-12	5.58E-12	1.55E-11	5.12E-11	3.02E-10	4.84E-12	1.09E-10	5.55E-09	5.14E-10	6.61E-09
1294	SR_333	Sensitive Receptor	Residential	Offsite	377.604	6365.014	3.35E-08	5.35E-08	Not Modelled	9.72E-10	2.78E-11	9.05E-07	3.00E-09	6.01E-10	6.01E-17	3.01E-10	7.18E-12	5.29E-12	1.47E-11	4.85E-11	2.87E-10	4.58E-12	1.04E-10	5.26E-09	4.87E-10	6.27E-09
1295	SR_334	Sensitive Receptor	Residential	Offsite	377.637	6365.025	3.41E-08	5.36E-08	Not Modelled	9.83E-10	2.80E-11	9.32E-07	3.03E-09	6.05E-10	6.05E-17	3.03E-10	7.24E-12	5.33E-12	1.48E-11	4.89E-11	2.89E-10	4.62E-12	1.04E-10	5.30E-09	4.91E-10	6.32E-09
1296	SR_335	Sensitive Receptor	Residential	Offsite	377.670	6365.038	3.48E-08	5.37E-08	Not Modelled	9.95E-10	2.82E-11	9.61E-07	3.05E-09	6.10E-10	6.10E-17	3.05E-10	7.30E-12	5.38E-12	1.50E-11	4.93E-11	2.91E-10	4.66E-12	1.05E-10	5.34E-09	4.95E-10	6.37E-09
1297	SR_336	Sensitive Receptor	Residential	Offsite	377.685	6364.995	3.33E-08	5.13E-08	Not Modelled	9.47E-10	2.70E-11	8.99E-07	2.92E-09	5.84E-10	5.84E-17	2.92E-10	6.99E-12	5.15E-12	1.43E-11	4.72E-11	2.79E-10	4.46E-12	1.01E-10	5.11E-09	4.74E-10	6.10E-09
1298	SR_337	Sensitive Receptor	Residential	Offsite	377.707	6364.724	2.66E-08	4.29E-08	Not Modelled	7.59E-10	2.23E-11	6.59E-07	2.41E-09	4.82E-10	4.82E-17	2.41E-10	5.76E-12	4.25E-12	1.18E-11	3.89E-11	2.30E-10	3.68E-12	8.30E-11	4.22E-09	3.91E-10	5.03E-09
1299	SR_338	Sensitive Receptor	Residential	Offsite	377.738	6364.735	2.68E-08	4.27E-08	Not Modelled	7.59E-10	2.23E-11	6.67E-07	2.41E-09	4.82E-10	4.82E-17	2.41E-10	5.77E-12	4.25E-12	1.18E-11	3.89E-11	2.30E-10	3.68E-12	8.31E-11	4.22E-09	3.91E-10	5.03E-09
1300	SR_339	Sensitive Receptor	Residential	Offsite	377.769	6364.749	2.70E-08	4.26E-08	Not Modelled	7.61E-10	2.24E-11	6.76E-07	2.42E-09	4.83E-10	4.83E-17	2.42E-10	5.78E-12	4.26E-12	1.18E-11	3.90E-11	2.31E-10	3.69E-12	8.32E-11	4.23E-09	3.92E-10	5.04E-09
1301	SR_340	Sensitive Receptor	Residential	Offsite	377.799	6364.758	2.72E-08	4.24E-08	Not Modelled	7.60E-10	2.23E-11	6.81E-07	2.41E-09	4.83E-10	4.83E-17	2.42E-10	5.77E-12	4.26E-12	1.18E-11	3.90E-11	2.30E-10	3.68E-12	8.32E-11	4.23E-09	3.92E-10	5.04E-09
1302	SR_341	Sensitive Receptor	Residential	Offsite	377.830	6364.769	2.73E-08	4.23E-08	Not Modelled	7.60E-10	2.24E-11	6.87E-07	2.42E-09	4.83E-10	4.83E-17	2.42E-10	5.78E-12	4.26E-12	1.19E-11	3.90E-11	2.31E-10	3.69E-12	8.33E-11	4.23E-09	3.92E-10	5.04E-09
1303	SR_342	Sensitive Receptor	Residential	Offsite	377.857	6364.784	2.76E-08	4.24E-08	Not Modelled	7.63E-10	2.25E-11	6.98E-07	2.43E-09	4.86E-10	4.86E-17	2.43E-10	5.81E-12	4.28E-12	1.19E-11	3.92E-11	2.32E-10	3.71E-12	8.37E-11	4.25E-09	3.94E-10	5.07E-09
1304	SR_343	Sensitive Receptor	Residential	Offsite	380.055	6370.517	1.37E-07	2.41E-07	Not Modelled	3.10E-09	1.26E-10	1.09E-06	1.36E-08	2.73E-09	2.73E-16	1.36E-09	3.26E-11	2.40E-11	6.68E-11	2.20E-10	1.30E-09	2.08E-11	4.70E-10	2.39E-08	2.21E-09	2.84E-08

AQIA DATA - SCENARIO 2 COMMERCIAL

Annual Average Pollutant Concentration (µg/m3) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**0.000**	**0.024**	**0.001**	**0.000**	**0.001**	**0.004**	**0.023**	**0.000**	**0.008**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
16	SG_16	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6364.500	1.72E-02	3.47E-02	Not Modelled	8.31E-03	1.60E-05	9.58E-03	1.73E-03	3.45E-04	3.45E-11	1.73E-04	4.13E-06	3.04E-06	8.47E-06	2.79E-05	1.65E-04	2.64E-06	5.95E-05	3.02E-03	2.80E-04	3.60E-03
47	SG_47	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6364.700	1.88E-02	3.77E-02	Not Modelled	8.93E-03	1.74E-05	1.06E-02	1.88E-03	3.76E-04	3.76E-11	1.88E-04	4.50E-06	3.31E-06	9.22E-06	3.04E-05	1.79E-04	2.87E-06	6.48E-05	3.29E-03	3.05E-04	3.92E-03
78	SG_78	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6364.900	2.02E-02	4.05E-02	Not Modelled	9.47E-03	1.87E-05	1.14E-02	2.02E-03	4.04E-04	4.04E-11	2.02E-04	4.84E-06	3.56E-06	9.91E-06	3.26E-05	1.93E-04	3.09E-06	6.97E-05	3.54E-03	3.28E-04	4.22E-03
79	SG_79	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6364.900	2.34E-02	4.70E-02	Not Modelled	1.04E-02	2.17E-05	1.27E-02	2.35E-03	4.69E-04	4.69E-11	2.35E-04	5.61E-06	4.14E-06	1.15E-05	3.79E-05	2.24E-04	3.58E-06	8.09E-05	4.11E-03	3.81E-04	4.90E-03
98	SG_98	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6365.100	3.02E-02	6.07E-02	Not Modelled	1.72E-02	2.81E-05	1.67E-02	3.03E-03	6.06E-04	6.06E-11	3.03E-04	7.25E-06	5.34E-06	1.49E-05	4.89E-05	2.89E-04	4.63E-06	1.04E-04	5.31E-03	4.92E-04	6.32E-03
99	SG_99	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6365.100	3.19E-02	6.41E-02	Not Modelled	1.84E-02	2.96E-05	1.86E-02	3.20E-03	6.40E-04	6.40E-11	3.20E-04	7.65E-06	5.64E-06	1.57E-05	5.17E-05	3.06E-04	4.88E-06	1.10E-04	5.60E-03	5.19E-04	6.68E-03
109	SG_109	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.100	2.23E-02	4.49E-02	Not Modelled	1.03E-02	2.07E-05	1.28E-02	2.24E-03	4.47E-04	4.47E-11	2.24E-04	5.35E-06	3.94E-06	1.10E-05	3.61E-05	2.14E-04	3.42E-06	7.71E-05	3.92E-03	3.63E-04	4.67E-03
110	SG_110	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.100	2.64E-02	5.30E-02	Not Modelled	1.16E-02	2.45E-05	1.44E-02	2.65E-03	5.29E-04	5.29E-11	2.65E-04	6.33E-06	4.66E-06	1.30E-05	4.27E-05	2.53E-04	4.04E-06	9.12E-05	4.63E-03	4.29E-04	5.52E-03
140	SG_140	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.300	2.56E-02	5.14E-02	Not Modelled	1.17E-02	2.37E-05	1.50E-02	2.57E-03	5.13E-04	5.13E-11	2.57E-04	6.14E-06	4.52E-06	1.26E-05	4.14E-05	2.45E-04	3.92E-06	8.84E-05	4.49E-03	4.16E-04	5.35E-03
141	SG_141	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.300	3.01E-02	6.03E-02	Not Modelled	1.30E-02	2.78E-05	1.66E-02	3.01E-03	6.02E-04	6.02E-11	3.01E-04	7.20E-06	5.30E-06	1.48E-05	4.86E-05	2.87E-04	4.60E-06	1.04E-04	5.27E-03	4.88E-04	6.28E-03
171	SG_171	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.500	2.92E-02	5.85E-02	Not Modelled	1.32E-02	2.70E-05	1.74E-02	2.92E-03	5.84E-04	5.84E-11	2.92E-04	6.99E-06	5.15E-06	1.43E-05	4.72E-05	2.79E-04	4.46E-06	1.01E-04	5.11E-03	4.74E-04	6.10E-03
172	SG_172	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.500	3.51E-02	7.03E-02	Not Modelled	1.49E-02	3.25E-05	1.97E-02	3.51E-03	7.02E-04	7.02E-11	3.51E-04	8.40E-06	6.19E-06	1.72E-05	5.67E-05	3.35E-04	5.36E-06	1.21E-04	6.15E-03	5.70E-04	7.33E-03
190	SG_190	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6365.700	5.10E-02	1.03E-01	Not Modelled	2.70E-02	4.74E-05	2.85E-02	5.12E-03	1.02E-03	1.02E-10	5.12E-04	1.22E-05	9.02E-06	2.51E-05	8.26E-05	4.88E-04	7.81E-06	1.76E-04	8.96E-03	8.30E-04	1.07E-02
202	SG_202	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.700	3.41E-02	6.85E-02	Not Modelled	1.52E-02	3.16E-05	2.07E-02	3.42E-03	6.84E-04	6.84E-11	3.42E-04	8.18E-06	6.03E-06	1.68E-05	5.52E-05	3.26E-04	5.22E-06	1.18E-04	5.98E-03	5.55E-04	7.13E-03
203	SG_203	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.700	4.19E-02	8.41E-02	Not Modelled	1.76E-02	3.88E-05	2.40E-02	4.20E-03	8.40E-04	8.40E-11	4.20E-04	1.00E-05	7.40E-06	2.06E-05	6.78E-05	4.01E-04	6.41E-06	1.45E-04	7.35E-03	6.81E-04	8.76E-03
218	SG_218	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6365.900	4.77E-02	9.58E-02	Not Modelled	2.32E-02	4.43E-05	2.49E-02	4.78E-03	9.57E-04	9.57E-11	4.79E-04	1.14E-05	8.43E-06	2.35E-05	7.73E-05	4.57E-04	7.30E-06	1.65E-04	8.38E-03	7.76E-04	9.99E-03
219	SG_219	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6365.900	5.07E-02	1.02E-01	Not Modelled	2.47E-02	4.70E-05	2.67E-02	5.08E-03	1.02E-03	1.02E-10	5.08E-04	1.22E-05	8.96E-06	2.49E-05	8.20E-05	4.85E-04	7.75E-06	1.75E-04	8.89E-03	8.24E-04	1.06E-02
220	SG_220	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6365.900	5.45E-02	1.09E-01	Not Modelled	2.69E-02	5.05E-05	2.94E-02	5.46E-03	1.09E-03	1.09E-10	5.46E-04	1.31E-05	9.63E-06	2.68E-05	8.82E-05	5.21E-04	8.33E-06	1.88E-04	9.56E-03	8.86E-04	1.14E-02
234	SG_234	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.900	5.10E-02	1.02E-01	Not Modelled	2.11E-02	4.72E-05	2.97E-02	5.10E-03	1.02E-03	1.02E-10	5.10E-04	1.22E-05	9.00E-06	2.50E-05	8.24E-05	4.87E-04	7.79E-06	1.76E-04	8.93E-03	8.28E-04	1.07E-02
235	SG_235	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6365.900	6.19E-02	1.24E-01	Not Modelled	2.46E-02	5.73E-05	3.43E-02	6.20E-03	1.24E-03	1.24E-10	6.20E-04	1.48E-05	1.09E-05	3.04E-05	1.00E-04	5.92E-04	9.46E-06	2.14E-04	1.09E-02	1.01E-03	1.29E-02
242	SG_242	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6365.900	1.63E-01	3.27E-01	Not Modelled	5.82E-02	1.51E-04	6.96E-02	1.63E-02	3.27E-03	3.27E-10	1.63E-03	3.91E-05	2.88E-05	8.01E-05	2.64E-04	1.56E-03	2.49E-05	5.63E-04	2.86E-02	2.65E-03	3.41E-02
243	SG_243	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6365.900	1.57E-01	3.14E-01	Not Modelled	5.73E-02	1.45E-04	6.72E-02	1.57E-02	3.14E-03	3.14E-10	1.57E-03	3.75E-05	2.76E-05	7.69E-05	2.53E-04	1.50E-03	2.40E-05	5.41E-04	2.75E-02	2.54E-03	3.27E-02
249	SG_249	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.100	4.81E-02	9.66E-02	Not Modelled	2.32E-02	4.47E-05	2.62E-02	4.82E-03	9.65E-04	9.65E-11	4.83E-04	1.15E-05	8.50E-06	2.37E-05	7.79E-05	4.61E-04	7.36E-06	1.66E-04	8.45E-03	7.83E-04	1.01E-02
250	SG_250	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.100	5.19E-02	1.04E-01	Not Modelled	2.48E-02	4.81E-05	2.81E-02	5.20E-03	1.04E-03	1.04E-10	5.20E-04	1.24E-05	9.17E-06	2.55E-05	8.40E-05	4.96E-04	7.94E-06	1.79E-04	9.10E-03	8.44E-04	1.09E-02
251	SG_251	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.100	5.77E-02	1.16E-01	Not Modelled	2.77E-02	5.35E-05	3.17E-02	5.78E-03	1.16E-03	1.16E-10	5.78E-04	1.38E-05	1.02E-05	2.83E-05	9.33E-05	5.52E-04	8.82E-06	1.99E-04	1.01E-02	9.38E-04	1.21E-02
252	SG_252	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.100	6.23E-02	1.25E-01	Not Modelled	3.03E-02	5.78E-05	3.49E-02	6.25E-03	1.25E-03	1.25E-10	6.25E-04	1.49E-05	1.10E-05	3.06E-05	1.01E-04	5.97E-04	9.54E-06	2.15E-04	1.09E-02	1.01E-03	1.30E-02
265	SG_265	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.100	6.98E-02	1.40E-01	Not Modelled	2.85E-02	6.46E-05	4.19E-02	6.98E-03	1.40E-03	1.40E-10	6.99E-04	1.67E-05	1.23E-05	3.43E-05	1.13E-04	6.67E-04	1.07E-05	2.41E-04	1.22E-02	1.13E-03	1.46E-02
266	SG_266	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.100	7.96E-02	1.59E-01	Not Modelled	3.12E-02	7.37E-05	4.49E-02	7.96E-03	1.59E-03	1.59E-10	7.96E-04	1.91E-05	1.40E-05	3.90E-05	1.29E-04	7.60E-04	1.22E-05	2.75E-04	1.39E-02	1.29E-03	1.66E-02
267	SG_267	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.100	9.20E-02	1.84E-01	Not Modelled	3.49E-02	8.52E-05	4.87E-02	9.21E-03	1.84E-03	1.84E-10	9.21E-04	2.20E-05	1.62E-05	4.51E-05	1.49E-04	8.79E-04	1.41E-05	3.17E-04	1.61E-02	1.49E-03	1.92E-02
268	SG_268	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.100	1.13E-01	2.26E-01	Not Modelled	4.11E-02	1.05E-04	5.56E-02	1.13E-02	2.26E-03	2.26E-10	1.13E-03	2.71E-05	1.99E-05	5.55E-05	1.83E-04	1.08E-03	1.73E-05	3.90E-04	1.98E-02	1.83E-03	2.36E-02
269	SG_269	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.100	1.40E-01	2.81E-01	Not Modelled	4.90E-02	1.30E-04	6.45E-02	1.41E-02	2.81E-03	2.81E-10	1.41E-03	3.36E-05	2.48E-05	6.90E-05	2.27E-04	1.34E-03	2.15E-05	4.85E-04	2.46E-02	2.28E-03	2.93E-02
272	SG_272	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.100	1.89E-01	3.78E-01	Not Modelled	6.75E-02	1.75E-04	8.41E-02	1.89E-02	3.78E-03	3.78E-10	1.89E-03	4.52E-05	3.33E-05	9.27E-05	3.05E-04	1.81E-03	2.89E-05	6.52E-04	3.31E-02	3.07E-03	3.95E-02
273	SG_273	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.100	1.83E-01	3.67E-01	Not Modelled	6.73E-02	1.70E-04	8.25E-02	1.83E-02	3.67E-03	3.67E-10	1.83E-03	4.39E-05	3.23E-05	9.00E-05	2.96E-04	1.75E-03	2.80E-05	6.32E-04	3.21E-02	2.98E-03	3.83E-02
274	SG_274	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.100	1.69E-01	3.38E-01	Not Modelled	6.36E-02	1.56E-04	7.63E-02	1.69E-02	3.38E-03	3.38E-10	1.69E-03	4.04E-05	2.98E-05	8.29E-05	2.73E-04	1.61E-03	2.58E-05	5.83E-04	2.96E-02	2.74E-03	3.53E-02
275	SG_275	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.100	1.64E-01	3.28E-01	Not Modelled	6.31E-02	1.51E-04	7.44E-02	1.64E-02	3.27E-03	3.27E-10	1.64E-03	3.92E-05	2.89E-05	8.03E-05	2.64E-04	1.56E-03	2.50E-05	5.64E-04	2.87E-02	2.66E-03	3.42E-02
276	SG_276	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.100	1.51E-01	3.03E-01	Not Modelled	5.93E-02	1.40E-04	6.86E-02	1.51E-02	3.02E-03	3.02E-10	1.51E-03	3.62E-05	2.67E-05	7.42E-05	2.44E-04	1.44E-03	2.31E-05	5.21E-04	2.65E-02	2.45E-03	3.16E-02
277	SG_277	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.100	1.45E-01	2.91E-01	Not Modelled	5.78E-02	1.34E-04	6.57E-02	1.45E-02	2.90E-03	2.90E-10	1.45E-03	3.47E-05	2.56E-05	7.12E-05	2.34E-04	1.39E-03	2.22E-05	5.01E-04	2.54E-02	2.36E-03	3.03E-02
278	SG_278	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.100	1.37E-01	2.75E-01	Not Modelled	5.54E-02	1.27E-04	6.18E-02	1.37E-02	2.75E-03	2.75E-10	1.37E-03	3.29E-05	2.42E-05	6.74E-05	2.22E-04	1.31E-03	2.10E-05	4.74E-04	2.41E-02	2.23E-03	2.87E-02
280	SG_280	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.300	4.68E-02	9.39E-02	Not Modelled	2.32E-02	4.34E-05	2.75E-02	4.69E-03	9.38E-04	9.38E-11	4.69E-04	1.12E-05	8.26E-06	2.30E-05	7.57E-05	4.48E-04	7.16E-06	1.62E-04	8.21E-03	7.61E-04	9.78E-03
281	SG_281	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.300	5.07E-02	1.02E-01	Not Modelled	2.45E-02	4.70E-05	2.91E-02	5.08E-03	1.02E-03	1.02E-10	5.09E-04	1.22E-05	8.96E-06	2.49E-05	8.21E-05	4.85E-04	7.76E-06	1.75E-04	8.90E-03	8.25E-04	1.06E-02
282	SG_282	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.300	5.67E-02	1.14E-01	Not Modelled	2.70E-02	5.26E-05	3.23E-02	5.68E-03	1.14E-03	1.14E-10	5.69E-04	1.36E-05	1.00E-05	2.79E-05	9.18E-05	5.43E-04	8.68E-06	1.96E-04	9.95E-03	9.22E-04	1.19E-02
283	SG_283	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.300	6.40E-02	1.29E-01	Not Modelled	3.02E-02	5.94E-05	3.65E-02	6.42E-03	1.28E-03	1.28E-10	6.42E-04	1.53E-05	1.13E-05	3.15E-05	1.04E-04	6.13E-04	9.79E-06	2.21E-04	1.12E-02	1.04E-03	1.34E-02
296	SG_296	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.300	7.65E-02	1.53E-01	Not Modelled	3.09E-02	7.08E-05	4.63E-02	7.65E-03	1.53E-03	1.53E-10	7.66E-04	1.83E-05	1.35E-05	3.75E-05	1.24E-04	7.31E-04	1.17E-05	2.64E-04	1.34E-02	1.24E-03	1.60E-02
297	SG_297	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.300	9.60E-02	1.92E-01	Not Modelled	3.72E-02	8.88E-05	5.47E-02	9.60E-03	1.92E-03	1.92E-10	9.60E-04	2.30E-05	1.69E-05	4.71E-05	1.55E-04	9.17E-04	1.47E-05	3.31E-04	1.68E-02	1.56E-03	2.00E-02
298	SG_298	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.300	1.24E-01	2.48E-01	Not Modelled	4.59E-02	1.15E-04	6.54E-02	1.24E-02	2.48E-03	2.48E-10	1.24E-03	2.96E-05	2.18E-05	6.08E-05	2.00E-04	1.18E-03	1.89E-05	4.27E-04	2.17E-02	2.01E-03	2.59E-02
299	SG_299	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.300	1.65E-01	3.30E-01	Not Modelled	5.80E-02	1.52E-04	8.03E-02	1.65E-02	3.29E-03	3.29E-10	1.65E-03	3.94E-05	2.90E-05	8.08E-05	2.66E-04	1.57E-03	2.52E-05	5.68E-04	2.88E-02	2.67E-03	3.44E-02
300	SG_300	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.300	2.02E-01	4.04E-01	Not Modelled	6.94E-02	1.87E-04	9.37E-02	2.02E-02	4.04E-03	4.04E-10	2.02E-03	4.83E-05	3.56E-05	9.90E-05	3.26E-04	1.93E-03	3.08E-05	6.96E-04	3.53E-02	3.27E-03	4.21E-02
301	SG_301	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.300	2.25E-01	4.50E-01	Not Modelled	7.83E-02	2.08E-04	1.04E-01	2.25E-02	4.49E-03	4.49E-10	2.25E-03	5.38E-05	3.96E-05	1.10E-04	3.63E-04	2.15E-03	3.43E-05	7.75E-04	3.93E-02	3.64E-03	4.69E-02
302	SG_302	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.300	2.25E-01	4.50E-01	Not Modelled	8.06E-02	2.08E-04	1.05E-01	2.25E-02	4.49E-03	4.49E-10	2.25E-03	5.38E-05	3.96E-05	1.10E-04	3.63E-04	2.15E-03	3.43E-05	7.75E-04	3.93E-02	3.65E-03	4.69E-02
303	SG_303	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.300	2.15E-01	4.31E-01	Not Modelled	7.95E-02	1.99E-04	1.02E-01	2.15E-02	4.31E-03	4.31E-10	2.15E-03	5.15E-05	3.80E-05	1.06E-04	3.48E-04	2.06E-03	3.29E-05	7.42E-04	3.77E-02	3.49E-03	4.49E-02
304	SG_304	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.300	2.03E-01	4.05E-01	Not Modelled	7.69E-02	1.87E-04	9.65E-02	2.03E-02	4.05E-03	4.05E-10	2.03E-03	4.85E-05	3.57E-05	9.93E-05	3.27E-04	1.93E-03	3.09E-05	6.98E-04	3.55E-02	3.29E-03	4.23E-02
305	SG_305	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.300	1.90E-01	3.80E-01	Not Modelled	7.38E-02	1.76E-04	9.09E-02	1.90E-02	3.80E-03	3.80E-10	1.90E-03	4.54E-05	3.35E-05	9.31E-05	3.07E-04	1.81E-03	2.90E-05	6.55E-04	3.32E-02	3.08E-03	3.96E-02
306	SG_306	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.300	1.73E-01	3.46E-01	Not Modelled	6.84E-02	1.60E-04	8.27E-02	1.73E-02	3.46E-03	3.46E-10	1.73E-03	4.14E-05	3.05E-05	8.49E-05	2.80E-04	1.65E-03	2.64E-05	5.97E-04	3.03E-02	2.81E-03	3.61E-02
307	SG_307	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.300	1.62E-01	3.24E-01	Not Modelled	6.48E-02	1.50E-04	7.70E-02	1.62E-02	3.24E-03	3.24E-10	1.62E-03	3.87E-05	2.85E-05	7.94E-05	2.61E-04	1.55E-03	2.47E-05	5.58E-04	2.83E-02	2.63E-03	3.38E-02
308	SG_308	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.300	1.56E-01	3.12E-01	Not Modelled	6.33E-02	1.44E-04	7.39E-02	1.56E-02	3.12E-03	3.12E-10	1.56E-03	3.73E-05	2.75E-05	7.65E-05	2.52E-04	1.49E-03	2.38E-05	5.37E-04	2.73E-02	2.53E-03	3.25E-02
309	SG_309	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.300	1.45E-01	2.91E-01	Not Modelled	5.96E-02	1.35E-04	6.84E-02	1.45E-02	2.91E-03	2.91E-10	1.46E-03	3.48E-05	2.56E-05	7.14E-05	2.35E-04	1.39E-03	2.22E-05	5.02E-04	2.55E-02	2.36E-03	3.04E-02
310	SG_310	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.300	1.37E-01	2.74E-01	Not Modelled	5.65E-02	1.27E-04	6.38E-02	1.37E-02	2.74E-03	2.74E-10	1.37E-03	3.28E-05	2.41E-05	6.72E-05	2.21E-04	1.31E-03	2.09E-05	4.72E-04	2.40E-02	2.22E-03	2.86E-02
311	SG_311	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.500	4.26E-02	8.56E-02	Not Modelled	2.19E-02	3.95E-05	2.68E-02	4.27E-03	8.54E-04	8.54E-11	4.27E-04	1.02E-05	7.53E-06	2.09E-05	6.90E-05	4.08E-04	6.52E-06	1.47E-04	7.48E-03	6.93E-04	8.92E-03
312	SG_312	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.500	4.52E-02	9.08E-02	Not Modelled	2.24E-02	4.19E-05	2.76E-02	4.53E-03	9.06E-04	9.06E-11	4.53E-04	1.08E-05	7.99E-06	2.22E-05	7.32E-05	4.33E-04	6.92E-06	1.56E-04	7.93E-03	7.35E-04	9.46E-03
313	SG_313	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.500	5.34E-02	1.07E-01	Not Modelled	2.61E-02	4.95E-05	3.27E-02	5.35E-03	1.07E-03	1.07E-10	5.36E-04	1.28E-05	9.44E-06	2.63E-05	8.64E-05	5.11E-04	8.17E-06	1.84E-04	9.37E-03	8.69E-04	1.12E-02
314	SG_314	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.500	6.28E-02	1.26E-01	Not Modelled	3.00E-02	5.82E-05	3.81E-02	6.29E-03	1.26E-03	1.26E-10	6.30E-04	1.51E-05	1.11E-05	3.09E-05	1.02E-04	6.01E-04	9.61E-06	2.17E-04	1.10E-02	1.02E-03	1.31E-02
328	SG_328	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.500	1.51E-01	3.03E-01	Not Modelled	5.78E-02	1.40E-04	8.78E-02	1.51E-02	3.03E-03	3.03E-10	1.51E-03	3.62E-05	2.67E-05	7.42E-05	2.44E-04	1.45E-03	2.31E-05	5.22E-04	2.65E-02	2.46E-03	3.16E-02
329	SG_329	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.500	2.09E-01	4.19E-01	Not Modelled	7.56E-02	1.94E-04	1.11E-01	2.09E-02	4.19E-03	4.19E-10	2.09E-03	5.01E-05	3.69E-05	1.03E-04	3.38E-04	2.00E-03	3.20E-05	7.22E-04	3.66E-02	3.40E-03	4.37E-02
330	SG_330	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.500	2.70E-01	5.40E-01	Not Modelled	9.35E-02	2.50E-04	1.34E-01	2.70E-02	5.40E-03	5.40E-10	2.70E-03	6.46E-05	4.76E-05	1.32E-04	4.36E-04	2.58E-03	4.12E-05	9.31E-04	4.73E-02	4.38E-03	5.63E-02
331	SG_331	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.500	2.88E-01	5.75E-01	Not Modelled	1.00E-01	2.66E-04	1.40E-01	2.88E-02	5.75E-03	5.75E-10	2.88E-03	6.88E-05	5.07E-05	1.41E-04	4.64E-04	2.75E-03	4.39E-05	9.92E-04	5.04E-02	4.67E-03	6.00E-02
332	SG_332	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.500	2.93E-01	5.86E-01	Not Modelled	1.06E-01	2.71E-04	1.45E-01	2.93E-02	5.86E-03	5.86E-10	2.93E-03	7.01E-05	5.16E-05	1.44E-04	4.73E-04	2.80E-03	4.47E-05	1.01E-03	5.13E-02	4.75E-03	6.11E-02
333	SG_333	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.500	2.70E-01	5.40E-01	Not Modelled	1.01E-01	2.50E-04	1.35E-01	2.70E-02	5.40E-03	5.40E-10	2.70E-03	6.46E-05	4.76E-05	1.32E-04	4.36E-04	2.58E-03	4.12E-05	9.31E-04	4.73E-02	4.38E-03	5.64E-02
334	SG_334	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.500	2.46E-01	4.91E-01	Not Modelled	9.43E-02	2.27E-04	1.24E-01	2.46E-02	4.91E-03	4.91E-10	2.46E-03	5.88E-05	4.33E-05	1.20E-04	3.96E-04	2.34E-03	3.75E-05	8.47E-04	4.30E-02	3.98E-03	5.12E-02
335	SG_335	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.500	2.19E-01	4.37E-01	Not Modelled	8.57E-02	2.02E-04	1.10E-01	2.19E-02	4.37E-03	4.37E-10	2.19E-03	5.23E-05	3.85E-05	1.07E-04	3.53E-04	2.09E-03	3.34E-05	7.54E-04	3.83E-02	3.55E-03	4.56E-02
336	SG_336	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.500	1.98E-01	3.96E-01	Not Modelled	7.89E-02	1.83E-04	9.98E-02	1.98E-02	3.96E-03	3.96E-10	1.98E-03	4.74E-05	3.49E-05	9.71E-05	3.20E-04	1.89E-03	3.02E-05	6.83E-04	3.47E-02	3.21E-03	4.13E-02
337	SG_337	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.500	1.89E-01	3.79E-01	Not Modelled	7.67E-02	1.75E-04	9.52E-02	1.89E-02	3.79E-03	3.79E-10	1.89E-03	4.53E-05	3.34E-05	9.29E-05	3.06E-04	1.81E-03	2.89E-05	6.53E-04	3.32E-02	3.07E-03	3.95E-02
338	SG_338	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.500	1.75E-01	3.49E-01	Not Modelled	7.14E-02	1.61E-04	8.71E-02	1.75E-02	3.49E-03	3.49E-10	1.75E-03	4.18E-05	3.08E-05	8.56E-05	2.82E-04	1.67E-03	2.67E-05	6.02E-04	3.06E-02	2.83E-03	3.64E-02
339	SG_339	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.500	1.59E-01	3.19E-01	Not Modelled	6.58E-02	1.48E-04	7.89E-02	1.59E-02	3.19E-03	3.19E-10	1.60E-03	3.82E-05	2.81E-05	7.82E-05	2.58E-04	1.52E-03	2.44E-05	5.50E-04	2.79E-02	2.59E-03	3.33E-02
340	SG_340	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.500	1.46E-01	2.92E-01	Not Modelled	6.07E-02	1.35E-04	7.15E-02	1.46E-02	2.92E-03	2.92E-10	1.46E-03	3.50E-05	2.57E-05	7.16E-05	2.36E-04	1.39E-03	2.23E-05	5.04E-04	2.56E-02	2.37E-03	3.05E-02
341	SG_341	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.500	1.36E-01	2.71E-01	Not Modelled	5.67E-02	1.25E-04	6.56E-02	1.36E-02	2.71E-03	2.71E-10	1.36E-03	3.24E-05	2.39E-05	6.65E-05	2.19E-04	1.29E-03	2.07E-05	4.67E-04	2.37E-02	2.20E-03	2.83E-02
342	SG_342	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.700	3.97E-02	7.97E-02	Not Modelled	2.12E-02	3.68E-05	2.67E-02	3.98E-03	7.96E-04	7.96E-11	3.98E-04	9.52E-06	7.02E-06	1.95E-05	6.43E-05	3.80E-04	6.08E-06	1.37E-04	6.97E-03	6.46E-04	8.31E-03
343	SG_343	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.700	4.16E-02	8.35E-02	Not Modelled	2.14E-02	3.86E-05	2.72E-02	4.17E-03	8.34E-04	8.34E-11	4.17E-04	9.98E-06	7.35E-06	2.05E-05	6.74E-05	3.98E-04	6.37E-06	1.44E-04	7.30E-03	6.77E-04	8.70E-03
344	SG_344	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.700	4.76E-02	9.55E-02	Not Modelled	2.41E-02	4.41E-05	3.12E-02	4.77E-03	9.53E-04	9.53E-11	4.77E-04	1.14E-05	8.40E-06	2.34E-05	7.70E-05	4.55E-04	7.28E-06	1.64E-04	8.35E-03	7.74E-04	9.95E-03
345	SG_345	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.700	5.49E-02	1.10E-01	Not Modelled	2.69E-02	5.09E-05	3.55E-02	5.50E-03	1.10E-03	1.10E-10	5.50E-04	1.32E-05	9.69E-06	2.70E-05	8.88E-05	5.25E-04	8.39E-06	1.90E-04	9.63E-03	8.92E-04	1.15E-02
356	SG_356	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6366.700	8.95E-02	1.79E-01	Not Modelled	4.22E-02	8.29E-05	6.84E-02	8.95E-03	1.79E-03	1.79E-10	8.96E-04	2.14E-05	1.58E-05	4.39E-05	1.45E-04	8.55E-04	1.37E-05	3.09E-04	1.57E-02	1.45E-03	1.87E-02
357	SG_357	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6366.700	1.25E-01	2.50E-01	Not Modelled	5.29E-02	1.16E-04	8.71E-02	1.25E-02	2.50E-03	2.50E-10	1.25E-03	2.99E-05	2.20E-05	6.13E-05	2.02E-04	1.19E-03	1.91E-05	4.31E-04	2.19E-02	2.03E-03	2.61E-02
358	SG_358	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.700	1.80E-01	3.60E-01	Not Modelled	7.14E-02	1.67E-04	1.16E-01	1.80E-02	3.60E-03	3.60E-10	1.80E-03	4.31E-05	3.17E-05	8.83E-05	2.91E-04	1.72E-03	2.75E-05	6.21E-04	3.15E-02	2.92E-03	3.76E-02
359	SG_359	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.700	2.49E-01	4.99E-01	Not Modelled	9.28E-02	2.31E-04	1.46E-01	2.49E-02	4.99E-03	4.99E-10	2.49E-03	5.97E-05	4.40E-05	1.22E-04	4.03E-04	2.38E-03	3.81E-05	8.60E-04	4.37E-02	4.05E-03	5.21E-02
360	SG_360	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.700	3.52E-01	7.05E-01	Not Modelled	1.24E-01	3.26E-04	1.88E-01	3.53E-02	7.05E-03	7.05E-10	3.53E-03	8.44E-05	6.21E-05	1.73E-04	5.69E-04	3.37E-03	5.38E-05	1.22E-03	6.17E-02	5.72E-03	7.36E-02
361	SG_361	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.700	4.07E-01	8.14E-01	Not Modelled	1.43E-01	3.76E-04	2.10E-01	4.07E-02	8.13E-03	8.13E-10	4.07E-03	9.73E-05	7.17E-05	2.00E-04	6.57E-04	3.88E-03	6.21E-05	1.40E-03	7.12E-02	6.60E-03	8.49E-02

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 2 COMMERCIAL

Annual Average Pollutant Concentration (µg/m3) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**0.000**	**0.024**	**0.001**	**0.000**	**0.001**	**0.004**	**0.023**	**0.000**	**0.008**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
362	SG_362	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.700	3.80E-01	7.61E-01	Not Modelled	1.38E-01	3.52E-04	1.98E-01	3.80E-02	7.60E-03	7.60E-10	3.80E-03	9.10E-05	6.70E-05	1.87E-04	6.14E-04	3.63E-03	5.81E-05	1.31E-03	6.66E-02	6.17E-03	7.94E-02
363	SG_363	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.700	3.36E-01	6.72E-01	Not Modelled	1.27E-01	3.11E-04	1.78E-01	3.36E-02	6.72E-03	6.72E-10	3.36E-03	8.04E-05	5.92E-05	1.65E-04	5.43E-04	3.21E-03	5.13E-05	1.16E-03	5.88E-02	5.45E-03	7.01E-02
364	SG_364	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.700	2.99E-01	5.99E-01	Not Modelled	1.16E-01	2.77E-04	1.60E-01	2.99E-02	5.98E-03	5.98E-10	2.99E-03	7.16E-05	5.28E-05	1.47E-04	4.83E-04	2.86E-03	4.57E-05	1.03E-03	5.24E-02	4.86E-03	6.25E-02
365	SG_365	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.700	2.69E-01	5.38E-01	Not Modelled	1.07E-01	2.49E-04	1.44E-01	2.69E-02	5.38E-03	5.38E-10	2.69E-03	6.43E-05	4.74E-05	1.32E-04	4.34E-04	2.57E-03	4.11E-05	9.27E-04	4.71E-02	4.36E-03	5.61E-02
366	SG_366	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.700	2.37E-01	4.74E-01	Not Modelled	9.57E-02	2.19E-04	1.26E-01	2.37E-02	4.73E-03	4.73E-10	2.37E-03	5.66E-05	4.17E-05	1.16E-04	3.82E-04	2.26E-03	3.61E-05	8.16E-04	4.14E-02	3.84E-03	4.94E-02
367	SG_367	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.700	2.12E-01	4.24E-01	Not Modelled	8.67E-02	1.96E-04	1.12E-01	2.12E-02	4.24E-03	4.24E-10	2.12E-03	5.07E-05	3.73E-05	1.04E-04	3.42E-04	2.02E-03	3.24E-05	7.31E-04	3.71E-02	3.44E-03	4.42E-02
368	SG_368	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.700	1.90E-01	3.80E-01	Not Modelled	7.84E-02	1.76E-04	9.98E-02	1.90E-02	3.79E-03	3.79E-10	1.90E-03	4.54E-05	3.34E-05	9.31E-05	3.06E-04	1.81E-03	2.90E-05	6.54E-04	3.32E-02	3.08E-03	3.96E-02
369	SG_369	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.700	1.70E-01	3.41E-01	Not Modelled	7.09E-02	1.58E-04	8.85E-02	1.70E-02	3.41E-03	3.41E-10	1.70E-03	4.08E-05	3.00E-05	8.35E-05	2.75E-04	1.63E-03	2.60E-05	5.87E-04	2.98E-02	2.76E-03	3.56E-02
370	SG_370	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.700	1.55E-01	3.09E-01	Not Modelled	6.49E-02	1.43E-04	7.94E-02	1.55E-02	3.09E-03	3.09E-10	1.55E-03	3.70E-05	2.73E-05	7.58E-05	2.50E-04	1.48E-03	2.36E-05	5.33E-04	2.71E-02	2.51E-03	3.23E-02
371	SG_371	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.700	1.39E-01	2.77E-01	Not Modelled	5.86E-02	1.28E-04	7.02E-02	1.39E-02	2.77E-03	2.77E-10	1.39E-03	3.32E-05	2.44E-05	6.80E-05	2.24E-04	1.32E-03	2.12E-05	4.78E-04	2.43E-02	2.25E-03	2.89E-02
372	SG_372	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.700	1.28E-01	2.56E-01	Not Modelled	5.46E-02	1.18E-04	6.40E-02	1.28E-02	2.56E-03	2.56E-10	1.28E-03	3.06E-05	2.25E-05	6.27E-05	2.06E-04	1.22E-03	1.95E-05	4.41E-04	2.24E-02	2.07E-03	2.67E-02
373	SG_373	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.900	3.79E-02	7.60E-02	Not Modelled	2.05E-02	3.51E-05	2.61E-02	3.80E-03	7.59E-04	7.59E-11	3.80E-04	9.08E-06	6.69E-06	1.86E-05	6.13E-05	3.62E-04	5.80E-06	1.31E-04	6.65E-03	6.16E-04	7.92E-03
374	SG_374	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.900	4.11E-02	8.24E-02	Not Modelled	2.19E-02	3.81E-05	2.85E-02	4.11E-03	8.23E-04	8.23E-11	4.12E-04	9.84E-06	7.25E-06	2.02E-05	6.64E-05	3.93E-04	6.28E-06	1.42E-04	7.20E-03	6.68E-04	8.59E-03
375	SG_375	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.900	4.59E-02	9.20E-02	Not Modelled	2.41E-02	4.25E-05	3.22E-02	4.60E-03	9.19E-04	9.19E-11	4.60E-04	1.10E-05	8.10E-06	2.25E-05	7.42E-05	4.39E-04	7.02E-06	1.58E-04	8.05E-03	7.46E-04	9.59E-03
376	SG_376	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.900	5.19E-02	1.04E-01	Not Modelled	2.67E-02	4.81E-05	3.64E-02	5.20E-03	1.04E-03	1.04E-10	5.20E-04	1.24E-05	9.16E-06	2.55E-05	8.39E-05	4.96E-04	7.93E-06	1.79E-04	9.10E-03	8.43E-04	1.08E-02
384	SG_384	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6366.900	1.82E-01	3.64E-01	Not Modelled	9.25E-02	1.68E-04	1.41E-01	1.82E-02	3.64E-03	3.64E-10	1.82E-03	4.35E-05	3.21E-05	8.92E-05	2.94E-04	1.74E-03	2.78E-05	6.27E-04	3.18E-02	2.95E-03	3.80E-02
385	SG_385	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6366.900	1.69E-01	3.38E-01	Not Modelled	8.90E-02	1.56E-04	1.39E-01	1.69E-02	3.38E-03	3.38E-10	1.69E-03	4.04E-05	2.98E-05	8.28E-05	2.73E-04	1.61E-03	2.58E-05	5.82E-04	2.96E-02	2.74E-03	3.53E-02
386	SG_386	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6366.900	1.46E-01	2.91E-01	Not Modelled	7.48E-02	1.35E-04	1.22E-01	1.46E-02	2.91E-03	2.91E-10	1.46E-03	3.48E-05	2.57E-05	7.14E-05	2.35E-04	1.39E-03	2.22E-05	5.02E-04	2.55E-02	2.36E-03	3.04E-02
387	SG_387	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6366.900	1.38E-01	2.76E-01	Not Modelled	6.56E-02	1.27E-04	1.12E-01	1.38E-02	2.75E-03	2.75E-10	1.38E-03	3.30E-05	2.43E-05	6.76E-05	2.22E-04	1.32E-03	2.10E-05	4.75E-04	2.41E-02	2.23E-03	2.87E-02
388	SG_388	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6366.900	2.04E-01	4.08E-01	Not Modelled	8.66E-02	1.89E-04	1.49E-01	2.04E-02	4.08E-03	4.08E-10	2.04E-03	4.88E-05	3.60E-05	1.00E-04	3.30E-04	1.95E-03	3.12E-05	7.04E-04	3.57E-02	3.31E-03	4.26E-02
389	SG_389	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.900	3.03E-01	6.06E-01	Not Modelled	1.18E-01	2.80E-04	1.98E-01	3.03E-02	6.06E-03	6.06E-10	3.03E-03	7.25E-05	5.34E-05	1.49E-04	4.89E-04	2.89E-03	4.63E-05	1.04E-03	5.30E-02	4.91E-03	6.32E-02
390	SG_390	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.900	4.60E-01	9.20E-01	Not Modelled	1.64E-01	4.26E-04	2.64E-01	4.60E-02	9.20E-03	9.20E-10	4.60E-03	1.10E-04	8.11E-05	2.26E-04	7.43E-04	4.39E-03	7.03E-05	1.59E-03	8.06E-02	7.46E-03	9.60E-02
391	SG_391	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.900	5.89E-01	1.18E+00	Not Modelled	2.09E-01	5.45E-04	3.27E-01	5.89E-02	1.18E-02	1.18E-09	5.89E-03	1.41E-04	1.04E-04	2.89E-04	9.51E-04	5.62E-03	8.99E-05	2.03E-03	1.03E-01	9.55E-03	1.23E-01
393	SG_393	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.900	4.63E-01	9.26E-01	Not Modelled	1.76E-01	4.28E-04	2.61E-01	4.63E-02	9.26E-03	9.26E-10	4.63E-03	1.11E-04	8.16E-05	2.27E-04	7.48E-04	4.42E-03	7.07E-05	1.60E-03	8.10E-02	7.51E-03	9.66E-02
394	SG_394	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.900	3.72E-01	7.44E-01	Not Modelled	1.46E-01	3.44E-04	2.12E-01	3.72E-02	7.44E-03	7.44E-10	3.72E-03	8.90E-05	6.55E-05	1.82E-04	6.01E-04	3.55E-03	5.68E-05	1.28E-03	6.51E-02	6.03E-03	7.76E-02
395	SG_395	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.900	3.14E-01	6.28E-01	Not Modelled	1.27E-01	2.90E-04	1.79E-01	3.14E-02	6.28E-03	6.28E-10	3.14E-03	7.51E-05	5.53E-05	1.54E-04	5.07E-04	3.00E-03	4.79E-05	1.08E-03	5.49E-02	5.09E-03	6.55E-02
396	SG_396	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.900	2.73E-01	5.46E-01	Not Modelled	1.12E-01	2.53E-04	1.55E-01	2.73E-02	5.46E-03	5.46E-10	2.73E-03	6.53E-05	4.81E-05	1.34E-04	4.41E-04	2.61E-03	4.17E-05	9.41E-04	4.78E-02	4.43E-03	5.70E-02
399	SG_399	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.900	1.78E-01	3.57E-01	Not Modelled	7.53E-02	1.65E-04	9.73E-02	1.78E-02	3.56E-03	3.56E-10	1.78E-03	4.26E-05	3.14E-05	8.74E-05	2.88E-04	1.70E-03	2.72E-05	6.15E-04	3.12E-02	2.89E-03	3.72E-02
400	SG_400	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.900	1.54E-01	3.08E-01	Not Modelled	6.55E-02	1.42E-04	8.28E-02	1.54E-02	3.08E-03	3.08E-10	1.54E-03	3.68E-05	2.71E-05	7.55E-05	2.49E-04	1.47E-03	2.35E-05	5.31E-04	2.69E-02	2.50E-03	3.21E-02
401	SG_401	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.900	1.39E-01	2.78E-01	Not Modelled	5.98E-02	1.29E-04	7.39E-02	1.39E-02	2.78E-03	2.78E-10	1.39E-03	3.33E-05	2.45E-05	6.82E-05	2.25E-04	1.33E-03	2.12E-05	4.80E-04	2.44E-02	2.26E-03	2.90E-02
402	SG_402	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.900	1.25E-01	2.51E-01	Not Modelled	5.44E-02	1.16E-04	6.56E-02	1.25E-02	2.50E-03	2.50E-10	1.25E-03	3.00E-05	2.21E-05	6.14E-05	2.02E-04	1.20E-03	1.91E-05	4.32E-04	2.19E-02	2.03E-03	2.61E-02
403	SG_403	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.900	1.13E-01	2.26E-01	Not Modelled	4.96E-02	1.05E-04	5.85E-02	1.13E-02	2.26E-03	2.26E-10	1.13E-03	2.70E-05	1.99E-05	5.54E-05	1.83E-04	1.08E-03	1.73E-05	3.90E-04	1.98E-02	1.83E-03	2.36E-02
404	SG_404	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6367.100	3.84E-02	7.70E-02	Not Modelled	2.08E-02	3.56E-05	2.67E-02	3.85E-03	7.69E-04	7.69E-11	3.85E-04	9.20E-06	6.78E-06	1.89E-05	6.21E-05	3.67E-04	5.87E-06	1.33E-04	6.73E-03	6.24E-04	8.03E-03
405	SG_405	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6367.100	4.29E-02	8.61E-02	Not Modelled	2.34E-02	3.98E-05	3.09E-02	4.30E-03	8.60E-04	8.60E-11	4.30E-04	1.03E-05	7.58E-06	2.11E-05	6.94E-05	4.10E-04	6.56E-06	1.48E-04	7.53E-03	6.97E-04	8.97E-03
406	SG_406	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.100	4.75E-02	9.52E-02	Not Modelled	2.56E-02	4.40E-05	3.48E-02	4.76E-03	9.51E-04	9.51E-11	4.76E-04	1.14E-05	8.38E-06	2.33E-05	7.68E-05	4.54E-04	7.26E-06	1.64E-04	8.33E-03	7.72E-04	9.93E-03
407	SG_407	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6367.100	5.22E-02	1.05E-01	Not Modelled	2.75E-02	4.83E-05	3.82E-02	5.22E-03	1.04E-03	1.04E-10	5.22E-04	1.25E-05	9.20E-06	2.56E-05	8.43E-05	4.98E-04	7.97E-06	1.80E-04	9.14E-03	8.47E-04	1.09E-02
410	SG_410	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6367.100	7.71E-02	1.54E-01	Not Modelled	3.90E-02	7.14E-05	5.81E-02	7.72E-03	1.54E-03	1.54E-10	7.72E-04	1.85E-05	1.36E-05	3.78E-05	1.25E-04	7.37E-04	1.18E-05	2.66E-04	1.35E-02	1.25E-03	1.61E-02
411	SG_411	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6367.100	9.34E-02	1.87E-01	Not Modelled	4.62E-02	8.65E-05	7.03E-02	9.34E-03	1.87E-03	1.87E-10	9.35E-04	2.24E-05	1.65E-05	4.58E-05	1.51E-04	8.92E-04	1.43E-05	3.22E-04	1.64E-02	1.52E-03	1.95E-02
415	SG_415	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.100	2.64E-01	5.28E-01	Not Modelled	1.25E-01	2.44E-04	2.00E-01	2.64E-02	5.28E-03	5.28E-10	2.64E-03	6.31E-05	4.65E-05	1.29E-04	4.26E-04	2.52E-03	4.03E-05	9.10E-04	4.62E-02	4.28E-03	5.51E-02
416	SG_416	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.100	3.24E-01	6.48E-01	Not Modelled	1.65E-01	3.00E-04	2.71E-01	3.24E-02	6.47E-03	6.47E-10	3.24E-03	7.74E-05	5.71E-05	1.59E-04	5.23E-04	3.09E-03	4.94E-05	1.12E-03	5.67E-02	5.25E-03	6.76E-02
417	SG_417	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.100	2.78E-01	5.57E-01	Not Modelled	1.46E-01	2.58E-04	2.48E-01	2.78E-02	5.56E-03	5.56E-10	2.78E-03	6.66E-05	4.90E-05	1.36E-04	4.49E-04	2.66E-03	4.25E-05	9.59E-04	4.87E-02	4.51E-03	5.81E-02
418	SG_418	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6367.100	2.26E-01	4.52E-01	Not Modelled	1.09E-01	2.09E-04	1.93E-01	2.26E-02	4.51E-03	4.51E-10	2.26E-03	5.40E-05	3.98E-05	1.11E-04	3.64E-04	2.15E-03	3.45E-05	7.78E-04	3.95E-02	3.66E-03	4.71E-02
419	SG_419	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6367.100	3.69E-01	7.38E-01	Not Modelled	1.56E-01	3.41E-04	2.82E-01	3.69E-02	7.38E-03	7.38E-10	3.69E-03	8.83E-05	6.50E-05	1.81E-04	5.96E-04	3.52E-03	5.63E-05	1.27E-03	6.46E-02	5.98E-03	7.70E-02
420	SG_420	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6367.100	6.87E-01	1.37E+00	Not Modelled	2.55E-01	6.36E-04	4.41E-01	6.87E-02	1.37E-02	1.37E-09	6.87E-03	1.64E-04	1.21E-04	3.37E-04	1.11E-03	6.56E-03	1.05E-04	2.37E-03	1.20E-01	1.11E-02	1.43E-01
424	SG_424	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6367.100	4.86E-01	9.72E-01	Not Modelled	1.94E-01	4.50E-04	2.97E-01	4.86E-02	9.72E-03	9.72E-10	4.86E-03	1.16E-04	8.57E-05	2.38E-04	7.85E-04	4.64E-03	7.42E-05	1.68E-03	8.51E-02	7.89E-03	1.01E-01
425	SG_425	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.100	3.70E-01	7.41E-01	Not Modelled	1.51E-01	3.43E-04	2.26E-01	3.70E-02	7.41E-03	7.41E-10	3.71E-03	8.86E-05	6.53E-05	1.82E-04	5.98E-04	3.54E-03	5.66E-05	1.28E-03	6.49E-02	6.01E-03	7.73E-02
426	SG_426	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.100	2.98E-01	5.97E-01	Not Modelled	1.24E-01	2.76E-04	1.80E-01	2.98E-02	5.97E-03	5.97E-10	2.98E-03	7.14E-05	5.26E-05	1.46E-04	4.82E-04	2.85E-03	4.56E-05	1.03E-03	5.22E-02	4.84E-03	6.23E-02
427	SG_427	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.100	2.51E-01	5.03E-01	Not Modelled	1.06E-01	2.32E-04	1.50E-01	2.51E-02	5.02E-03	5.02E-10	2.51E-03	6.01E-05	4.43E-05	1.23E-04	4.06E-04	2.40E-03	3.84E-05	8.66E-04	4.40E-02	4.08E-03	5.24E-02
428	SG_428	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.100	2.12E-01	4.24E-01	Not Modelled	9.07E-02	1.96E-04	1.24E-01	2.12E-02	4.24E-03	4.24E-10	2.12E-03	5.07E-05	3.74E-05	1.04E-04	3.42E-04	2.02E-03	3.24E-05	7.31E-04	3.71E-02	3.44E-03	4.42E-02
429	SG_429	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.100	1.77E-01	3.53E-01	Not Modelled	7.61E-02	1.63E-04	1.02E-01	1.77E-02	3.53E-03	3.53E-10	1.77E-03	4.23E-05	3.11E-05	8.66E-05	2.85E-04	1.69E-03	2.70E-05	6.09E-04	3.09E-02	2.86E-03	3.69E-02
430	SG_430	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.100	1.51E-01	3.02E-01	Not Modelled	6.57E-02	1.40E-04	8.55E-02	1.51E-02	3.02E-03	3.02E-10	1.51E-03	3.61E-05	2.66E-05	7.40E-05	2.44E-04	1.44E-03	2.30E-05	5.20E-04	2.64E-02	2.45E-03	3.15E-02
431	SG_431	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.100	1.31E-01	2.63E-01	Not Modelled	5.77E-02	1.21E-04	7.32E-02	1.31E-02	2.62E-03	2.62E-10	1.31E-03	3.14E-05	2.31E-05	6.43E-05	2.12E-04	1.25E-03	2.00E-05	4.52E-04	2.30E-02	2.13E-03	2.74E-02
432	SG_432	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.100	1.18E-01	2.37E-01	Not Modelled	5.27E-02	1.10E-04	6.52E-02	1.18E-02	2.37E-03	2.37E-10	1.18E-03	2.83E-05	2.09E-05	5.80E-05	1.91E-04	1.13E-03	1.81E-05	4.08E-04	2.07E-02	1.92E-03	2.47E-02
433	SG_433	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6367.100	1.07E-01	2.14E-01	Not Modelled	4.82E-02	9.90E-05	5.81E-02	1.07E-02	2.14E-03	2.14E-10	1.07E-03	2.56E-05	1.89E-05	5.25E-05	1.73E-04	1.02E-03	1.63E-05	3.69E-04	1.87E-02	1.74E-03	2.23E-02
434	SG_434	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.100	9.54E-02	1.91E-01	Not Modelled	4.33E-02	8.83E-05	5.11E-02	9.55E-03	1.91E-03	1.91E-10	9.55E-04	2.28E-05	1.68E-05	4.68E-05	1.54E-04	9.12E-04	1.46E-05	3.29E-04	1.67E-02	1.55E-03	1.99E-02
435	SG_435	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6367.300	4.05E-02	8.12E-02	Not Modelled	2.22E-02	3.75E-05	2.85E-02	4.06E-03	8.11E-04	8.11E-11	4.06E-04	9.70E-06	7.15E-06	1.99E-05	6.55E-05	3.87E-04	6.19E-06	1.40E-04	7.10E-03	6.58E-04	8.46E-03
436	SG_436	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6367.300	4.39E-02	8.80E-02	Not Modelled	2.38E-02	4.07E-05	3.13E-02	4.39E-03	8.78E-04	8.78E-11	4.39E-04	1.05E-05	7.74E-06	2.15E-05	7.09E-05	4.19E-04	6.71E-06	1.51E-04	7.69E-03	7.13E-04	9.17E-03
437	SG_437	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.300	4.76E-02	9.55E-02	Not Modelled	2.53E-02	4.41E-05	3.42E-02	4.77E-03	9.53E-04	9.53E-11	4.77E-04	1.14E-05	8.40E-06	2.34E-05	7.70E-05	4.55E-04	7.28E-06	1.64E-04	8.35E-03	7.74E-04	9.95E-03
441	SG_441	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6367.300	7.71E-02	1.54E-01	Not Modelled	3.97E-02	7.14E-05	5.98E-02	7.71E-03	1.54E-03	1.54E-10	7.71E-04	1.84E-05	1.36E-05	3.78E-05	1.25E-04	7.36E-04	1.18E-05	2.66E-04	1.35E-02	1.25E-03	1.61E-02
446	SG_446	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.300	2.70E-01	5.40E-01	Not Modelled	1.28E-01	2.50E-04	2.18E-01	2.70E-02	5.39E-03	5.39E-10	2.70E-03	6.45E-05	4.75E-05	1.32E-04	4.36E-04	2.58E-03	4.12E-05	9.30E-04	4.72E-02	4.38E-03	5.63E-02
447	SG_447	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.300	4.48E-01	8.95E-01	Not Modelled	2.08E-01	4.14E-04	3.61E-01	4.48E-02	8.95E-03	8.95E-10	4.48E-03	1.07E-04	7.89E-05	2.20E-04	7.23E-04	4.27E-03	6.83E-05	1.54E-03	7.84E-02	7.26E-03	9.34E-02
448	SG_448	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.300	6.65E-01	1.33E+00	Not Modelled	3.25E-01	6.15E-04	5.73E-01	6.65E-02	1.33E-02	1.33E-09	6.65E-03	1.59E-04	1.17E-04	3.26E-04	1.07E-03	6.35E-03	1.01E-04	2.29E-03	1.16E-01	1.08E-02	1.39E-01
450	SG_450	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6367.300	1.00E+00	2.00E+00	Not Modelled	4.14E-01	9.26E-04	7.78E-01	1.00E-01	2.00E-02	2.00E-09	1.00E-02	2.39E-04	1.76E-04	4.91E-04	1.62E-03	9.56E-03	1.53E-04	3.45E-03	1.75E-01	1.62E-02	2.09E-01
456	SG_456	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.300	3.09E-01	6.18E-01	Not Modelled	1.31E-01	2.86E-04	1.98E-01	3.09E-02	6.18E-03	6.18E-10	3.09E-03	7.40E-05	5.45E-05	1.52E-04	4.99E-04	2.95E-03	4.72E-05	1.07E-03	5.41E-02	5.01E-03	6.45E-02
457	SG_457	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.300	2.43E-01	4.87E-01	Not Modelled	1.05E-01	2.25E-04	1.54E-01	2.43E-02	4.87E-03	4.87E-10	2.43E-03	5.82E-05	4.29E-05	1.19E-04	3.93E-04	2.32E-03	3.72E-05	8.39E-04	4.26E-02	3.95E-03	5.08E-02
458	SG_458	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.300	2.03E-01	4.06E-01	Not Modelled	8.94E-02	1.88E-04	1.27E-01	2.03E-02	4.06E-03	4.06E-10	2.03E-03	4.86E-05	3.58E-05	9.95E-05	3.28E-04	1.94E-03	3.10E-05	7.00E-04	3.55E-02	3.29E-03	4.24E-02
459	SG_459	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.300	1.76E-01	3.53E-01	Not Modelled	7.89E-02	1.63E-04	1.08E-01	1.76E-02	3.52E-03	3.52E-10	1.76E-03	4.22E-05	3.11E-05	8.64E-05	2.85E-04	1.68E-03	2.69E-05	6.08E-04	3.09E-02	2.86E-03	3.68E-02
460	SG_460	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.300	1.56E-01	3.11E-01	Not Modelled	7.07E-02	1.44E-04	9.44E-02	1.56E-02	3.11E-03	3.11E-10	1.56E-03	3.73E-05	2.74E-05	7.64E-05	2.51E-04	1.49E-03	2.38E-05	5.37E-04	2.73E-02	2.53E-03	3.25E-02
461	SG_461	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.300	1.28E-01	2.56E-01	Not Modelled	5.83E-02	1.18E-04	7.56E-02	1.28E-02	2.56E-03	2.56E-10	1.28E-03	3.06E-05	2.26E-05	6.28E-05	2.07E-04	1.22E-03	1.95E-05	4.41E-04	2.24E-02	2.08E-03	2.67E-02
462	SG_462	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.300	1.12E-01	2.25E-01	Not Modelled	5.17E-02	1.04E-04	6.52E-02	1.12E-02	2.25E-03	2.25E-10	1.12E-03	2.69E-05	1.98E-05	5.51E-05	1.82E-04	1.07E-03	1.72E-05	3.88E-04	1.97E-02	1.82E-03	2.35E-02
463	SG_463	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.300	1.00E-01	2.01E-01	Not Modelled	4.64E-02	9.27E-05	5.70E-02	1.00E-02	2.00E-03	2.00E-10	1.00E-03	2.40E-05	1.77E-05	4.91E-05	1.62E-04	9.57E-04	1.53E-05	3.45E-04	1.75E-02	1.63E-03	2.09E-02
464	SG_464	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6367.300	8.79E-02	1.76E-01	Not Modelled	4.09E-02	8.13E-05	4.90E-02	8.79E-03	1.76E-03	1.76E-10	8.79E-04	2.10E-05	1.55E-05	4.31E-05	1.42E-04	8.39E-04	1.34E-05	3.03E-04	1.54E-02	1.43E-03	1.83E-02
465	SG_465	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.300	7.84E-02	1.57E-01	Not Modelled	3.67E-02	7.26E-05	4.29E-02	7.85E-03	1.57E-03	1.57E-10	7.85E-04	1.88E-05	1.38E-05	3.85E-05	1.27E-04	7.49E-04	1.20E-05	2.71E-04	1.37E-02	1.27E-03	1.64E-02
466	SG_466	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6367.500	4.01E-02	8.03E-02	Not Modelled	2.23E-02	3.71E-05	2.82E-02	4.01E-03	8.02E-04	8.02E-11	4.01E-04	9.60E-06	7.07E-06	1.97E-05	6.48E-05	3.83E-04	6.12E-06	1.38E-04	7.02E-03	6.51E-04	8.37E-03
475	SG_475	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6367.500	1.43E-01	2.87E-01	Not Modelled	7.40E-02	1.33E-04	1.21E-01	1.43E-02	2.87E-03	2.87E-10	1.43E-03	3.43E-05	2.53E-05	7.03E-05	2.32E-04	1.37E-03	2.19E-05	4.94E-04	2.51E-02	2.33E-03	2.99E-02
476	SG_476	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6367.500	1.94E-01	3.89E-01	Not Modelled	1.01E-01	1.80E-04	1.71E-01	1.94E-02	3.88E-03	3.88E-10	1.94E-03	4.65E-05	3.42E-05	9.52E-05	3.14E-04	1.85E-03	2.97E-05	6.69E-04	3.40E-02	3.15E-03	4.05E-02
477	SG_477	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.500	2.77E-01	5.54E-01	Not Modelled	1.40E-01	2.56E-04	2.45E-01	2.77E-02	5.54E-03	5.54E-10	2.77E-03	6.62E-05	4.88E-05	1.36E-04	4.47E-04	2.64E-03	4.23E-05	9.54E-04	4.85E-02	4.49E-03	5.78E-02
478	SG_478	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.500	4.65E-01	9.30E-01	Not Modelled	2.31E-01	4.30E-04	4.17E-01	4.65E-02	9.30E-03	9.30E-10	4.65E-03	1.11E-04	8.19E-05	2.28E-04	7.51E-04	4.44E-03	7.10E-05	1.60E-03	8.14E-02	7.54E-03	9.70E-02
479	SG_479	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.500	9.93E-01	1.99E+00	Not Modelled	4.87E-01	9.19E-04	9.08E-01	9.93E-02	1.99E-02	1.99E-09	9.93E-03	2.38E-04	1.75E-04	4.87E-04	1.60E-03	9.48E-03	1.52E-04	3.42E-03	1.74E-01	1.61E-02	2.07E-01
487	SG_487	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.500	2.31E-01	4.62E-01	Not Modelled	1.03E-01	2.13E-04	1.55E-01	2.31E-02	4.61E-03	4.61E-10	2.31E-03	5.52E-05	4.07E-05	1.13E-04	3.73E-04	2.20E-03	3.52E-05	7.95E-04	4.04E-02	3.74E-03	4.82E-02
488	SG_488	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.500	1.83E-01	3.67E-01	Not Modelled	8.29E-02	1.70E-04	1.20E-01	1.83E-02	3.67E-03	3.67E-10	1.83E-03	4.39E-05	3.23E-05	8.99E-05	2.96E-04	1.75E-03	2.80E-05	6.32E-04	3.21E-02	2.98E-03	3.83E-02
489	SG_489	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.500	1.58E-01	3.15E-01	Not Modelled	7.22E-02	1.46E-04	1.01E-01	1.58E-02	3.15E-03	3.15E-10	1.58E-03	3.77E-05	2.78E-05	7.73E-05	2.55E-04	1.51E-03	2.41E-05	5.44E-04	2.76E-02	2.56E-03	3.29E-02
490	SG_490	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.500	1.49E-01	2.99E-01	Not Modelled	7.00E-02	1.38E-04	9.55E-02	1.50E-02	2.99E-03	2.99E-10	1.50E-03	3.58E-05	2.64E-05	7.33E-05	2.41E-04	1.43E-03	2.28E-05	5.15E-04	2.62E-02	2.43E-03	3.12E-02
491	SG_491	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.500	1.28E-01	2.57E-01	Not Modelled	6.05E-02	1.19E-04	8.00E-02	1.28E-02	2.57E-03	2.57E-10	1.29E-03	3.07E-05	2.26E-05	6.30E-05	2.07E-04	1.23E-03	1.96E-05	4.43E-04	2.25E-02	2.08E-03	2.68E-02
492	SG_492	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.500	1.04E-01	2.08E-01	Not Modelled	4.88E-02	9.60E-05	6.23E-02	1.04E-02	2.08E-03	2.08E-10	1.04E-03	2.48E-05	1.83E-05	5.09E-05	1.68E-04	9.91E-04	1.58E-05	3.58E-04	1.82E-02	1.68E-03	2.17E-02

AQIA DATA - SCENARIO 2 COMMERCIAL

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**0.000**	**0.024**	**0.001**	**0.000**	**0.001**	**0.004**	**0.023**	**0.000**	**0.008**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
493	SG_493	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.500	9.25E-02	1.85E-01	Not Modelled	4.38E-02	8.56E-05	5.43E-02	9.25E-03	1.85E-03	1.85E-10	9.25E-04	2.21E-05	1.63E-05	4.54E-05	1.49E-04	8.83E-04	1.41E-05	3.19E-04	1.62E-02	1.50E-03	1.93E-02
494	SG_494	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.500	8.27E-02	1.66E-01	Not Modelled	3.93E-02	7.65E-05	4.74E-02	8.27E-03	1.65E-03	1.65E-10	8.27E-04	1.98E-05	1.46E-05	4.06E-05	1.34E-04	7.90E-04	1.26E-05	2.85E-04	1.45E-02	1.34E-03	1.73E-02
495	SG_495	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6367.500	7.32E-02	1.47E-01	Not Modelled	3.49E-02	6.77E-05	4.10E-02	7.32E-03	1.46E-03	1.46E-10	7.32E-04	1.75E-05	1.29E-05	3.59E-05	1.18E-04	6.99E-04	1.12E-05	2.52E-04	1.28E-02	1.19E-03	1.53E-02
496	SG_496	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.500	6.68E-02	1.34E-01	Not Modelled	3.20E-02	6.18E-05	3.66E-02	6.68E-03	1.34E-03	1.34E-10	6.68E-04	1.60E-05	1.18E-05	3.28E-05	1.08E-04	6.38E-04	1.02E-05	2.30E-04	1.17E-02	1.08E-03	1.39E-02
499	SG_499	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.700	4.72E-02	9.46E-02	Not Modelled	2.67E-02	4.37E-05	3.49E-02	4.73E-03	9.45E-04	9.45E-11	4.73E-04	1.13E-05	8.33E-06	2.32E-05	7.63E-05	4.51E-04	7.22E-06	1.63E-04	8.27E-03	7.67E-04	9.86E-03
504	SG_504	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6367.700	9.14E-02	1.83E-01	Not Modelled	5.04E-02	8.46E-05	7.63E-02	9.15E-03	1.83E-03	1.83E-10	9.15E-04	2.19E-05	1.61E-05	4.49E-05	1.48E-04	8.73E-04	1.40E-05	3.15E-04	1.60E-02	1.48E-03	1.91E-02
505	SG_505	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6367.700	1.12E-01	2.23E-01	Not Modelled	6.13E-02	1.03E-04	9.60E-02	1.12E-02	2.23E-03	2.23E-10	1.12E-03	2.67E-05	1.97E-05	5.48E-05	1.80E-04	1.07E-03	1.71E-05	3.85E-04	1.96E-02	1.81E-03	2.33E-02
506	SG_506	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6367.700	1.41E-01	2.82E-01	Not Modelled	7.67E-02	1.30E-04	1.24E-01	1.41E-02	2.82E-03	2.82E-10	1.41E-03	3.37E-05	2.49E-05	6.91E-05	2.28E-04	1.35E-03	2.15E-05	4.86E-04	2.47E-02	2.29E-03	2.94E-02
507	SG_507	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6367.700	1.87E-01	3.75E-01	Not Modelled	1.00E-01	1.73E-04	1.67E-01	1.87E-02	3.74E-03	3.74E-10	1.87E-03	4.48E-05	3.30E-05	9.18E-05	3.02E-04	1.79E-03	2.86E-05	6.45E-04	3.28E-02	3.04E-03	3.91E-02
508	SG_508	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.700	2.68E-01	5.36E-01	Not Modelled	1.39E-01	2.48E-04	2.40E-01	2.68E-02	5.35E-03	5.35E-10	2.68E-03	6.41E-05	4.72E-05	1.31E-04	4.32E-04	2.56E-03	4.09E-05	9.23E-04	4.69E-02	4.34E-03	5.59E-02
509	SG_509	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.700	4.56E-01	9.12E-01	Not Modelled	2.39E-01	4.22E-04	4.24E-01	4.56E-02	9.12E-03	9.12E-10	4.56E-03	1.09E-04	8.03E-05	2.24E-04	7.36E-04	4.35E-03	6.96E-05	1.57E-03	7.98E-02	7.40E-03	9.51E-02
510	SG_510	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.700	9.18E-01	1.84E+00	Not Modelled	5.05E-01	8.50E-04	9.20E-01	9.18E-02	1.84E-02	1.84E-09	9.19E-03	2.20E-04	1.62E-04	4.50E-04	1.48E-03	8.77E-03	1.40E-04	3.16E-03	1.61E-01	1.49E-02	1.92E-01
511	SG_511	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6367.700	2.07E+00	4.13E+00	Not Modelled	1.22E+00	1.91E-03	2.25E+00	2.07E-01	4.13E-02	4.13E-09	2.07E-02	4.94E-04	3.64E-04	1.01E-03	3.34E-03	1.97E-02	3.15E-04	7.12E-03	3.62E-01	3.35E-02	4.31E-01
518	SG_518	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.700	1.74E-01	3.49E-01	Not Modelled	8.08E-02	1.61E-04	1.18E-01	1.74E-02	3.49E-03	3.49E-10	1.74E-03	4.17E-05	3.07E-05	8.55E-05	2.82E-04	1.67E-03	2.66E-05	6.01E-04	3.05E-02	2.83E-03	3.64E-02
519	SG_519	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.700	1.43E-01	2.85E-01	Not Modelled	6.63E-02	1.32E-04	9.33E-02	1.43E-02	2.85E-03	2.85E-10	1.43E-03	3.41E-05	2.51E-05	6.99E-05	2.30E-04	1.36E-03	2.18E-05	4.91E-04	2.50E-02	2.31E-03	2.97E-02
520	SG_520	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.700	1.25E-01	2.49E-01	Not Modelled	5.86E-02	1.15E-04	8.00E-02	1.25E-02	2.49E-03	2.49E-10	1.25E-03	2.98E-05	2.20E-05	6.11E-05	2.01E-04	1.19E-03	1.90E-05	4.30E-04	2.18E-02	2.02E-03	2.60E-02
521	SG_521	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.700	1.16E-01	2.31E-01	Not Modelled	5.51E-02	1.07E-04	7.31E-02	1.16E-02	2.31E-03	2.31E-10	1.16E-03	2.76E-05	2.04E-05	5.67E-05	1.87E-04	1.10E-03	1.76E-05	3.98E-04	2.02E-02	1.87E-03	2.41E-02
522	SG_522	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.700	1.06E-01	2.11E-01	Not Modelled	5.09E-02	9.77E-05	6.56E-02	1.06E-02	2.11E-03	2.11E-10	1.06E-03	2.53E-05	1.86E-05	5.18E-05	1.70E-04	1.01E-03	1.61E-05	3.64E-04	1.85E-02	1.71E-03	2.20E-02
523	SG_523	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.700	9.35E-02	1.87E-01	Not Modelled	4.54E-02	8.66E-05	5.67E-02	9.36E-03	1.87E-03	1.87E-10	9.36E-04	2.24E-05	1.65E-05	4.59E-05	1.51E-04	8.93E-04	1.43E-05	3.23E-04	1.64E-02	1.52E-03	1.95E-02
524	SG_524	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.700	8.02E-02	1.61E-01	Not Modelled	3.89E-02	7.42E-05	4.70E-02	8.02E-03	1.60E-03	1.60E-10	8.02E-04	1.92E-05	1.41E-05	3.93E-05	1.30E-04	7.66E-04	1.22E-05	2.77E-04	1.40E-02	1.30E-03	1.67E-02
525	SG_525	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.700	7.37E-02	1.48E-01	Not Modelled	3.60E-02	6.82E-05	4.24E-02	7.37E-03	1.47E-03	1.47E-10	7.37E-04	1.76E-05	1.30E-05	3.62E-05	1.19E-04	7.04E-04	1.13E-05	2.54E-04	1.29E-02	1.20E-03	1.54E-02
527	SG_527	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.700	5.97E-02	1.19E-01	Not Modelled	2.93E-02	5.52E-05	3.26E-02	5.97E-03	1.19E-03	1.19E-10	5.97E-04	1.43E-05	1.05E-05	2.93E-05	9.64E-05	5.70E-04	9.11E-06	2.06E-04	1.04E-02	9.68E-04	1.25E-02
530	SG_530	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.900	4.69E-02	9.39E-02	Not Modelled	2.73E-02	4.34E-05	3.49E-02	4.69E-03	9.38E-04	9.38E-11	4.69E-04	1.12E-05	8.27E-06	2.30E-05	7.58E-05	4.48E-04	7.16E-06	1.62E-04	8.21E-03	7.61E-04	9.79E-03
531	SG_531	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6367.900	5.18E-02	1.04E-01	Not Modelled	2.98E-02	4.80E-05	3.92E-02	5.19E-03	1.04E-03	1.04E-10	5.19E-04	1.24E-05	9.14E-06	2.54E-05	8.37E-05	4.95E-04	7.92E-06	1.79E-04	9.08E-03	8.41E-04	1.08E-02
535	SG_535	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6367.900	8.92E-02	1.79E-01	Not Modelled	5.00E-02	8.26E-05	7.38E-02	8.92E-03	1.78E-03	1.78E-10	8.93E-04	2.13E-05	1.57E-05	4.38E-05	1.44E-04	8.52E-04	1.36E-05	3.08E-04	1.56E-02	1.45E-03	1.86E-02
536	SG_536	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6367.900	1.07E-01	2.14E-01	Not Modelled	5.94E-02	9.91E-05	9.03E-02	1.07E-02	2.14E-03	2.14E-10	1.07E-03	2.56E-05	1.89E-05	5.25E-05	1.73E-04	1.02E-03	1.63E-05	3.69E-04	1.87E-02	1.74E-03	2.23E-02
537	SG_537	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6367.900	1.33E-01	2.66E-01	Not Modelled	7.25E-02	1.23E-04	1.14E-01	1.33E-02	2.65E-03	2.65E-10	1.33E-03	3.18E-05	2.34E-05	6.51E-05	2.14E-04	1.27E-03	2.03E-05	4.58E-04	2.32E-02	2.15E-03	2.77E-02
538	SG_538	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6367.900	1.69E-01	3.38E-01	Not Modelled	9.02E-02	1.56E-04	1.45E-01	1.69E-02	3.37E-03	3.37E-10	1.69E-03	4.04E-05	2.97E-05	8.27E-05	2.72E-04	1.61E-03	2.58E-05	5.82E-04	2.95E-02	2.74E-03	3.52E-02
539	SG_539	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.900	2.33E-01	4.65E-01	Not Modelled	1.25E-01	2.15E-04	2.06E-01	2.33E-02	4.65E-03	4.65E-10	2.33E-03	5.56E-05	4.10E-05	1.14E-04	3.76E-04	2.22E-03	3.55E-05	8.02E-04	4.07E-02	3.77E-03	4.85E-02
540	SG_540	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.900	3.58E-01	7.16E-01	Not Modelled	2.04E-01	3.31E-04	3.42E-01	3.58E-02	7.16E-03	7.16E-10	3.58E-03	8.57E-05	6.31E-05	1.76E-04	5.78E-04	3.42E-03	5.47E-05	1.23E-03	6.27E-02	5.81E-03	7.47E-02
541	SG_541	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.900	6.09E-01	1.22E+00	Not Modelled	3.53E-01	5.63E-04	6.00E-01	6.09E-02	1.22E-02	1.22E-09	6.09E-03	1.46E-04	1.07E-04	2.99E-04	9.83E-04	5.81E-03	9.30E-05	2.10E-03	1.07E-01	9.88E-03	1.27E-01
542	SG_542	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6367.900	9.75E-01	1.95E+00	Not Modelled	5.44E-01	9.02E-04	9.54E-01	9.75E-02	1.95E-02	1.95E-09	9.75E-03	2.33E-04	1.72E-04	4.78E-04	1.57E-03	9.31E-03	1.49E-04	3.36E-03	1.71E-01	1.58E-02	2.03E-01
549	SG_549	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.900	1.43E-01	2.87E-01	Not Modelled	6.88E-02	1.33E-04	9.82E-02	1.43E-02	2.87E-03	2.87E-10	1.44E-03	3.43E-05	2.53E-05	7.04E-05	2.32E-04	1.37E-03	2.19E-05	4.95E-04	2.51E-02	2.33E-03	2.99E-02
550	SG_550	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.900	1.27E-01	2.54E-01	Not Modelled	6.12E-02	1.17E-04	8.48E-02	1.27E-02	2.53E-03	2.53E-10	1.27E-03	3.03E-05	2.23E-05	6.21E-05	2.05E-04	1.21E-03	1.93E-05	4.37E-04	2.22E-02	2.06E-03	2.64E-02
551	SG_551	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.900	1.11E-01	2.22E-01	Not Modelled	5.40E-02	1.03E-04	7.24E-02	1.11E-02	2.22E-03	2.22E-10	1.11E-03	2.66E-05	1.96E-05	5.45E-05	1.79E-04	1.06E-03	1.70E-05	3.83E-04	1.94E-02	1.80E-03	2.32E-02
552	SG_552	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.900	1.01E-01	2.02E-01	Not Modelled	4.95E-02	9.33E-05	6.45E-02	1.01E-02	2.02E-03	2.02E-10	1.01E-03	2.41E-05	1.78E-05	4.95E-05	1.63E-04	9.63E-04	1.54E-05	3.48E-04	1.77E-02	1.64E-03	2.10E-02
553	SG_553	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.900	8.90E-02	1.78E-01	Not Modelled	4.39E-02	8.23E-05	5.54E-02	8.90E-03	1.78E-03	1.78E-10	8.90E-04	2.13E-05	1.57E-05	4.36E-05	1.44E-04	8.50E-04	1.36E-05	3.07E-04	1.56E-02	1.44E-03	1.86E-02
554	SG_554	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.900	8.15E-02	1.63E-01	Not Modelled	4.05E-02	7.54E-05	4.97E-02	8.15E-03	1.63E-03	1.63E-10	8.15E-04	1.95E-05	1.44E-05	4.00E-05	1.32E-04	7.78E-04	1.24E-05	2.81E-04	1.43E-02	1.32E-03	1.70E-02
555	SG_555	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.900	7.47E-02	1.50E-01	Not Modelled	3.74E-02	6.91E-05	4.46E-02	7.47E-03	1.49E-03	1.49E-10	7.47E-04	1.79E-05	1.32E-05	3.66E-05	1.21E-04	7.13E-04	1.14E-05	2.58E-04	1.31E-02	1.21E-03	1.56E-02
556	SG_556	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.900	6.78E-02	1.36E-01	Not Modelled	3.41E-02	6.27E-05	3.95E-02	6.78E-03	1.36E-03	1.36E-10	6.78E-04	1.62E-05	1.20E-05	3.33E-05	1.09E-04	6.47E-04	1.04E-05	2.34E-04	1.19E-02	1.10E-03	1.42E-02
563	SG_563	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6368.100	5.99E-02	1.20E-01	Not Modelled	3.52E-02	5.54E-05	4.65E-02	5.99E-03	1.20E-03	1.20E-10	5.99E-04	1.43E-05	1.06E-05	2.94E-05	9.67E-05	5.72E-04	9.14E-06	2.06E-04	1.05E-02	9.71E-04	1.25E-02
566	SG_566	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6368.100	8.65E-02	1.73E-01	Not Modelled	4.92E-02	8.00E-05	7.00E-02	8.65E-03	1.73E-03	1.73E-10	8.65E-04	2.07E-05	1.52E-05	4.24E-05	1.40E-04	8.26E-04	1.32E-05	2.98E-04	1.51E-02	1.40E-03	1.81E-02
567	SG_567	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.100	1.01E-01	2.02E-01	Not Modelled	5.69E-02	9.36E-05	8.30E-02	1.01E-02	2.02E-03	2.02E-10	1.01E-03	2.42E-05	1.78E-05	4.96E-05	1.63E-04	9.66E-04	1.54E-05	3.49E-04	1.77E-02	1.64E-03	2.11E-02
568	SG_568	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.100	1.22E-01	2.43E-01	Not Modelled	6.82E-02	1.12E-04	1.02E-01	1.22E-02	2.43E-03	2.43E-10	1.22E-03	2.91E-05	2.14E-05	5.96E-05	1.96E-04	1.16E-03	1.86E-05	4.19E-04	2.13E-02	1.97E-03	2.54E-02
569	SG_569	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.100	1.52E-01	3.04E-01	Not Modelled	8.73E-02	1.41E-04	1.33E-01	1.52E-02	3.04E-03	3.04E-10	1.52E-03	3.63E-05	2.68E-05	7.45E-05	2.45E-04	1.45E-03	2.32E-05	5.24E-04	2.66E-02	2.46E-03	3.17E-02
570	SG_570	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.100	1.85E-01	3.70E-01	Not Modelled	1.08E-01	1.71E-04	1.66E-01	1.85E-02	3.69E-03	3.69E-10	1.85E-03	4.42E-05	3.26E-05	9.06E-05	2.98E-04	1.76E-03	2.82E-05	6.37E-04	3.23E-02	3.00E-03	3.86E-02
571	SG_571	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.100	2.70E-01	5.41E-01	Not Modelled	1.59E-01	2.50E-04	2.49E-01	2.70E-02	5.41E-03	5.41E-10	2.71E-03	6.47E-05	4.77E-05	1.33E-04	4.37E-04	2.58E-03	4.13E-05	9.32E-04	4.74E-02	4.39E-03	5.65E-02
572	SG_572	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.100	4.75E-01	9.49E-01	Not Modelled	2.71E-01	4.39E-04	4.38E-01	4.75E-02	9.49E-03	9.49E-10	4.75E-03	1.14E-04	8.37E-05	2.33E-04	7.66E-04	4.53E-03	7.25E-05	1.64E-03	8.31E-02	7.70E-03	9.90E-02
574	SG_574	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.100	3.85E-01	7.70E-01	Not Modelled	1.85E-01	3.56E-04	3.14E-01	3.85E-02	7.70E-03	7.70E-10	3.85E-03	9.21E-05	6.79E-05	1.89E-04	6.22E-04	3.68E-03	5.88E-05	1.33E-03	6.74E-02	6.25E-03	8.04E-02
576	SG_576	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.100	2.51E-01	5.02E-01	Not Modelled	1.24E-01	2.32E-04	2.02E-01	2.51E-02	5.02E-03	5.02E-10	2.51E-03	6.00E-05	4.42E-05	1.23E-04	4.05E-04	2.40E-03	3.83E-05	8.65E-04	4.39E-02	4.07E-03	5.24E-02
578	SG_578	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.100	1.41E-01	2.82E-01	Not Modelled	6.84E-02	1.30E-04	1.02E-01	1.41E-02	2.81E-03	2.81E-10	1.41E-03	3.37E-05	2.48E-05	6.90E-05	2.27E-04	1.34E-03	2.15E-05	4.85E-04	2.46E-02	2.28E-03	2.94E-02
579	SG_579	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.100	1.27E-01	2.54E-01	Not Modelled	6.23E-02	1.17E-04	8.97E-02	1.27E-02	2.54E-03	2.54E-10	1.27E-03	3.04E-05	2.24E-05	6.22E-05	2.05E-04	1.21E-03	1.94E-05	4.38E-04	2.22E-02	2.06E-03	2.65E-02
580	SG_580	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.100	1.17E-01	2.35E-01	Not Modelled	5.81E-02	1.09E-04	8.13E-02	1.17E-02	2.35E-03	2.35E-10	1.17E-03	2.81E-05	2.07E-05	5.75E-05	1.89E-04	1.12E-03	1.79E-05	4.04E-04	2.05E-02	1.90E-03	2.45E-02
581	SG_581	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.100	1.14E-01	2.28E-01	Not Modelled	5.69E-02	1.05E-04	7.79E-02	1.14E-02	2.28E-03	2.28E-10	1.14E-03	2.72E-05	2.01E-05	5.58E-05	1.84E-04	1.09E-03	1.74E-05	3.92E-04	1.99E-02	1.85E-03	2.38E-02
582	SG_582	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.100	9.69E-02	1.94E-01	Not Modelled	4.81E-02	8.97E-05	6.33E-02	9.69E-03	1.94E-03	1.94E-10	9.69E-04	2.32E-05	1.71E-05	4.75E-05	1.57E-04	9.25E-04	1.48E-05	3.34E-04	1.70E-02	1.57E-03	2.02E-02
583	SG_583	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.100	9.09E-02	1.82E-01	Not Modelled	4.55E-02	8.41E-05	5.83E-02	9.09E-03	1.82E-03	1.82E-10	9.10E-04	2.18E-05	1.60E-05	4.46E-05	1.47E-04	8.68E-04	1.39E-05	3.14E-04	1.59E-02	1.48E-03	1.90E-02
584	SG_584	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.100	8.69E-02	1.74E-01	Not Modelled	4.39E-02	8.04E-05	5.51E-02	8.69E-03	1.74E-03	1.74E-10	8.70E-04	2.08E-05	1.53E-05	4.26E-05	1.40E-04	8.30E-04	1.33E-05	3.00E-04	1.52E-02	1.41E-03	1.81E-02
585	SG_585	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.100	7.80E-02	1.56E-01	Not Modelled	3.95E-02	7.22E-05	4.81E-02	7.81E-03	1.56E-03	1.56E-10	7.81E-04	1.87E-05	1.38E-05	3.83E-05	1.26E-04	7.45E-04	1.19E-05	2.69E-04	1.37E-02	1.27E-03	1.63E-02
586	SG_586	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.100	7.22E-02	1.45E-01	Not Modelled	3.69E-02	6.69E-05	4.38E-02	7.23E-03	1.44E-03	1.44E-10	7.23E-04	1.73E-05	1.27E-05	3.54E-05	1.17E-04	6.90E-04	1.10E-05	2.49E-04	1.27E-02	1.17E-03	1.51E-02
587	SG_587	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.100	6.29E-02	1.26E-01	Not Modelled	3.21E-02	5.83E-05	3.68E-02	6.30E-03	1.26E-03	1.26E-10	6.30E-04	1.51E-05	1.11E-05	3.09E-05	1.02E-04	6.01E-04	9.62E-06	2.17E-04	1.10E-02	1.02E-03	1.31E-02
588	SG_588	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.100	5.56E-02	1.11E-01	Not Modelled	2.84E-02	5.15E-05	3.16E-02	5.56E-03	1.11E-03	1.11E-10	5.56E-04	1.33E-05	9.80E-06	2.73E-05	8.98E-05	5.31E-04	8.49E-06	1.92E-04	9.74E-03	9.02E-04	1.16E-02
596	SG_596	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6368.300	7.10E-02	1.42E-01	Not Modelled	4.14E-02	6.57E-05	5.53E-02	7.10E-03	1.42E-03	1.42E-10	7.11E-04	1.70E-05	1.25E-05	3.48E-05	1.15E-04	6.78E-04	1.08E-05	2.45E-04	1.24E-02	1.15E-03	1.48E-02
598	SG_598	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.300	9.13E-02	1.83E-01	Not Modelled	5.38E-02	8.45E-05	7.46E-02	9.14E-03	1.83E-03	1.83E-10	9.14E-04	2.19E-05	1.61E-05	4.48E-05	1.48E-04	8.72E-04	1.39E-05	3.15E-04	1.60E-02	1.48E-03	1.91E-02
599	SG_599	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.300	1.07E-01	2.13E-01	Not Modelled	6.42E-02	9.86E-05	9.06E-02	1.07E-02	2.13E-03	2.13E-10	1.07E-03	2.55E-05	1.88E-05	5.23E-05	1.72E-04	1.02E-03	1.63E-05	3.67E-04	1.87E-02	1.73E-03	2.22E-02
600	SG_600	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.300	1.24E-01	2.47E-01	Not Modelled	7.51E-02	1.14E-04	1.07E-01	1.24E-02	2.47E-03	2.47E-10	1.24E-03	2.96E-05	2.18E-05	6.06E-05	2.00E-04	1.18E-03	1.89E-05	4.26E-04	2.16E-02	2.01E-03	2.58E-02
601	SG_601	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.300	1.55E-01	3.11E-01	Not Modelled	9.26E-02	1.44E-04	1.33E-01	1.55E-02	3.10E-03	3.10E-10	1.55E-03	3.71E-05	2.74E-05	7.61E-05	2.51E-04	1.48E-03	2.37E-05	5.35E-04	2.72E-02	2.52E-03	3.24E-02
602	SG_602	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.300	2.39E-01	4.78E-01	Not Modelled	1.38E-01	2.21E-04	2.06E-01	2.39E-02	4.78E-03	4.78E-10	2.39E-03	5.71E-05	4.21E-05	1.17E-04	3.86E-04	2.28E-03	3.65E-05	8.23E-04	4.18E-02	3.87E-03	4.98E-02
603	SG_603	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.300	3.60E-01	7.21E-01	Not Modelled	2.07E-01	3.33E-04	3.19E-01	3.60E-02	7.20E-03	7.20E-10	3.60E-03	8.62E-05	6.35E-05	1.77E-04	5.82E-04	3.44E-03	5.50E-05	1.24E-03	6.31E-02	5.84E-03	7.52E-02
604	SG_604	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.300	3.50E-01	7.00E-01	Not Modelled	1.96E-01	3.23E-04	3.12E-01	3.50E-02	6.99E-03	6.99E-10	3.50E-03	8.36E-05	6.16E-05	1.71E-04	5.65E-04	3.34E-03	5.34E-05	1.21E-03	6.12E-02	5.67E-03	7.30E-02
605	SG_605	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.300	2.51E-01	5.02E-01	Not Modelled	1.23E-01	2.32E-04	1.98E-01	2.51E-02	5.01E-03	5.01E-10	2.51E-03	6.00E-05	4.42E-05	1.23E-04	4.05E-04	2.39E-03	3.83E-05	8.64E-04	4.39E-02	4.07E-03	5.23E-02
606	SG_606	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.300	2.09E-01	4.17E-01	Not Modelled	1.02E-01	1.93E-04	1.65E-01	2.09E-02	4.17E-03	4.17E-10	2.09E-03	4.99E-05	3.68E-05	1.02E-04	3.37E-04	1.99E-03	3.18E-05	7.19E-04	3.65E-02	3.38E-03	4.35E-02
607	SG_607	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.300	2.06E-01	4.12E-01	Not Modelled	1.03E-01	1.91E-04	1.64E-01	2.06E-02	4.12E-03	4.12E-10	2.06E-03	4.93E-05	3.63E-05	1.01E-04	3.33E-04	1.97E-03	3.14E-05	7.10E-04	3.61E-02	3.34E-03	4.30E-02
608	SG_608	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.300	1.62E-01	3.25E-01	Not Modelled	8.24E-02	1.50E-04	1.25E-01	1.62E-02	3.25E-03	3.25E-10	1.62E-03	3.89E-05	2.86E-05	7.97E-05	2.62E-04	1.55E-03	2.48E-05	5.60E-04	2.84E-02	2.64E-03	3.39E-02
609	SG_609	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.300	1.23E-01	2.46E-01	Not Modelled	6.23E-02	1.14E-04	9.06E-02	1.23E-02	2.46E-03	2.46E-10	1.23E-03	2.94E-05	2.17E-05	6.03E-05	1.98E-04	1.17E-03	1.88E-05	4.24E-04	2.15E-02	1.99E-03	2.56E-02
610	SG_610	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.300	1.03E-01	2.07E-01	Not Modelled	5.18E-02	9.57E-05	7.27E-02	1.03E-02	2.07E-03	2.07E-10	1.03E-03	2.47E-05	1.82E-05	5.07E-05	1.67E-04	9.87E-04	1.58E-05	3.56E-04	1.81E-02	1.68E-03	2.16E-02
611	SG_611	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.300	9.58E-02	1.92E-01	Not Modelled	4.80E-02	8.87E-05	6.56E-02	9.58E-03	1.92E-03	1.92E-10	9.58E-04	2.29E-05	1.69E-05	4.70E-05	1.55E-04	9.15E-04	1.46E-05	3.30E-04	1.68E-02	1.55E-03	2.00E-02
612	SG_612	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.300	8.89E-02	1.78E-01	Not Modelled	4.48E-02	8.23E-05	5.94E-02	8.89E-03	1.78E-03	1.78E-10	8.89E-04	2.13E-05	1.57E-05	4.36E-05	1.44E-04	8.49E-04	1.36E-05	3.07E-04	1.56E-02	1.44E-03	1.86E-02
613	SG_613	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.300	8.41E-02	1.68E-01	Not Modelled	4.26E-02	7.78E-05	5.50E-02	8.41E-03	1.68E-03	1.68E-10	8.42E-04	2.01E-05	1.48E-05	4.13E-05	1.36E-04	8.03E-04	1.28E-05	2.90E-04	1.47E-02	1.36E-03	1.76E-02
614	SG_614	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.300	8.09E-02	1.62E-01	Not Modelled	4.11E-02	7.49E-05	5.18E-02	8.09E-03	1.62E-03	1.62E-10	8.09E-04	1.94E-05	1.43E-05	3.97E-05	1.31E-04	7.73E-04	1.24E-05	2.79E-04	1.42E-02	1.31E-03	1.69E-02
615	SG_615	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.300	8.04E-02	1.61E-01	Not Modelled	4.11E-02	7.44E-05	5.09E-02	8.05E-03	1.61E-03	1.61E-10	8.05E-04	1.92E-05	1.42E-05	3.95E-05	1.30E-04	7.68E-04	1.23E-05	2.77E-04	1.41E-02	1.31E-03	1.68E-02
616	SG_616	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.300	7.14E-02	1.43E-01	Not Modelled	3.64E-02	6.61E-05	4.34E-02	7.14E-03	1.43E-03	1.43E-10	7.15E-04	1.71E-05	1.26E-05	3.50E-05	1.15E-04	6.82E-04	1.09E-05	2.46E-04	1.25E-02	1.16E-03	1.49E-02
617	SG_617	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.300	6.57E-02	1.32E-01	Not Modelled	3.35E-02	6.08E-05	3.89E-02	6.57E-03	1.31E-03	1.31E-10	6.58E-04	1.57E-05	1.16E-05	3.22E-05	1.06E-04	6.28E-04	1.00E-05	2.27E-04	1.15E-02	1.07E-03	1.37E-02
618	SG_618	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.300	6.33E-02	1.27E-01	Not Modelled	3.24E-02	5.86E-05	3.70E-02	6.33E-03	1.27E-03	1.27E-10	6.33E-04	1.51E-05	1.12E-05	3.10E-05	1.02E-04	6.04E-04	9.66E-06	2.18E-04	1.11E-02	1.03E-03	1.32E-02
619	SG_619	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.300	5.55E-02	1.11E-01	Not Modelled	2.85E-02	5.14E-05	3.14E-02	5.56E-03	1.11E-03	1.11E-10	5.56E-04	1.33E-05	9.79E-06	2.73E-05	8.97E-05	5.31E-04	8.48E-06	1.92E-04	9.73E-03	9.01E-04	1.16E-02
620	SG_620	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.300	5.31E-02	1.06E-01	Not Modelled	2.75E-02	4.92E-05	2.98E-02	5.31E-03	1.06E-03	1.06E-10	5.32E-04	1.27E-05	9.37E-06	2.61E-05	8.58E-05	5.07E-04	8.11E-06	1.83E-04	9.30E-03	8.62E-04	1.11E-02

AQIA DATA - SCENARIO 2 COMMERCIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**0.000**	**0.024**	**0.001**	**0.000**	**0.001**	**0.004**	**0.023**	**0.000**	**0.008**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
628	SG_628	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6368.500	7.16E-02	1.43E-01	Not Modelled	4.41E-02	6.63E-05	5.71E-02	7.17E-03	1.43E-03	1.43E-10	7.17E-04	1.71E-05	1.26E-05	3.52E-05	1.16E-04	6.84E-04	1.09E-05	2.47E-04	1.25E-02	1.16E-03	1.50E-02
629	SG_629	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.500	8.01E-02	1.60E-01	Not Modelled	5.01E-02	7.41E-05	6.58E-02	8.01E-03	1.60E-03	1.60E-10	8.01E-04	1.92E-05	1.41E-05	3.93E-05	1.29E-04	7.65E-04	1.22E-05	2.76E-04	1.40E-02	1.30E-03	1.67E-02
630	SG_630	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.500	8.98E-02	1.80E-01	Not Modelled	5.63E-02	8.32E-05	7.46E-02	8.99E-03	1.80E-03	1.80E-10	8.99E-04	2.15E-05	1.58E-05	4.41E-05	1.45E-04	8.58E-04	1.37E-05	3.10E-04	1.57E-02	1.46E-03	1.88E-02
631	SG_631	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.500	1.11E-01	2.23E-01	Not Modelled	6.84E-02	1.03E-04	9.19E-02	1.11E-02	2.22E-03	2.22E-10	1.11E-03	2.66E-05	1.96E-05	5.46E-05	1.80E-04	1.06E-03	1.70E-05	3.83E-04	1.95E-02	1.80E-03	2.32E-02
632	SG_632	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.500	1.51E-01	3.03E-01	Not Modelled	8.97E-02	1.40E-04	1.24E-01	1.52E-02	3.03E-03	3.03E-10	1.52E-03	3.63E-05	2.67E-05	7.43E-05	2.45E-04	1.45E-03	2.31E-05	5.22E-04	2.65E-02	2.46E-03	3.16E-02
633	SG_633	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.500	2.19E-01	4.38E-01	Not Modelled	1.26E-01	2.03E-04	1.80E-01	2.19E-02	4.38E-03	4.38E-10	2.19E-03	5.24E-05	3.86E-05	1.07E-04	3.53E-04	2.09E-03	3.34E-05	7.54E-04	3.83E-02	3.55E-03	4.57E-02
634	SG_634	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.500	2.53E-01	5.07E-01	Not Modelled	1.46E-01	2.34E-04	2.15E-01	2.53E-02	5.07E-03	5.07E-10	2.53E-03	6.06E-05	4.47E-05	1.24E-04	4.09E-04	2.42E-03	3.87E-05	8.73E-04	4.44E-02	4.11E-03	5.29E-02
635	SG_635	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.500	2.27E-01	4.55E-01	Not Modelled	1.27E-01	2.10E-04	1.91E-01	2.27E-02	4.54E-03	4.54E-10	2.27E-03	5.44E-05	4.00E-05	1.11E-04	3.67E-04	2.17E-03	3.47E-05	7.83E-04	3.98E-02	3.69E-03	4.74E-02
636	SG_636	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.500	1.81E-01	3.62E-01	Not Modelled	9.15E-02	1.67E-04	1.41E-01	1.81E-02	3.62E-03	3.62E-10	1.81E-03	4.33E-05	3.19E-05	8.87E-05	2.92E-04	1.73E-03	2.76E-05	6.23E-04	3.17E-02	2.93E-03	3.77E-02
637	SG_637	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.500	1.48E-01	2.96E-01	Not Modelled	7.29E-02	1.37E-04	1.12E-01	1.48E-02	2.95E-03	2.95E-10	1.48E-03	3.53E-05	2.60E-05	7.25E-05	2.39E-04	1.41E-03	2.26E-05	5.09E-04	2.59E-02	2.40E-03	3.08E-02
638	SG_638	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.500	1.44E-01	2.88E-01	Not Modelled	7.18E-02	1.33E-04	1.09E-01	1.44E-02	2.88E-03	2.88E-10	1.44E-03	3.44E-05	2.54E-05	7.05E-05	2.32E-04	1.37E-03	2.20E-05	4.96E-04	2.52E-02	2.33E-03	3.00E-02
639	SG_639	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.500	1.41E-01	2.83E-01	Not Modelled	7.19E-02	1.31E-04	1.06E-01	1.41E-02	2.83E-03	2.83E-10	1.41E-03	3.38E-05	2.49E-05	6.94E-05	2.28E-04	1.35E-03	2.16E-05	4.88E-04	2.48E-02	2.29E-03	2.95E-02
640	SG_640	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.500	1.24E-01	2.48E-01	Not Modelled	6.42E-02	1.15E-04	9.20E-02	1.24E-02	2.48E-03	2.48E-10	1.24E-03	2.96E-05	2.18E-05	6.08E-05	2.00E-04	1.18E-03	1.89E-05	4.27E-04	2.17E-02	2.01E-03	2.59E-02
641	SG_641	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.500	1.00E-01	2.00E-01	Not Modelled	5.22E-02	9.26E-05	7.21E-02	1.00E-02	2.00E-03	2.00E-10	1.00E-03	2.39E-05	1.76E-05	4.91E-05	1.62E-04	9.55E-04	1.53E-05	3.45E-04	1.75E-02	1.62E-03	2.09E-02
642	SG_642	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.500	8.44E-02	1.69E-01	Not Modelled	4.36E-02	7.82E-05	5.82E-02	8.45E-03	1.69E-03	1.69E-10	8.45E-04	2.02E-05	1.49E-05	4.14E-05	1.36E-04	8.07E-04	1.29E-05	2.91E-04	1.48E-02	1.37E-03	1.76E-02
643	SG_643	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.500	7.43E-02	1.49E-01	Not Modelled	3.78E-02	6.88E-05	4.88E-02	7.44E-03	1.49E-03	1.49E-10	7.44E-04	1.78E-05	1.31E-05	3.65E-05	1.20E-04	7.10E-04	1.14E-05	2.56E-04	1.30E-02	1.21E-03	1.55E-02
644	SG_644	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.500	7.20E-02	1.44E-01	Not Modelled	3.67E-02	6.67E-05	4.64E-02	7.21E-03	1.44E-03	1.44E-10	7.21E-04	1.72E-05	1.27E-05	3.53E-05	1.16E-04	6.88E-04	1.10E-05	2.48E-04	1.26E-02	1.17E-03	1.50E-02
645	SG_645	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.500	6.86E-02	1.37E-01	Not Modelled	3.51E-02	6.35E-05	4.31E-02	6.86E-03	1.37E-03	1.37E-10	6.86E-04	1.64E-05	1.21E-05	3.36E-05	1.11E-04	6.55E-04	1.05E-05	2.36E-04	1.20E-02	1.11E-03	1.43E-02
646	SG_646	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.500	6.77E-02	1.36E-01	Not Modelled	3.48E-02	6.26E-05	4.18E-02	6.77E-03	1.35E-03	1.35E-10	6.77E-04	1.62E-05	1.19E-05	3.32E-05	1.09E-04	6.46E-04	1.03E-05	2.33E-04	1.19E-02	1.10E-03	1.41E-02
647	SG_647	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.500	6.45E-02	1.29E-01	Not Modelled	3.31E-02	5.97E-05	3.88E-02	6.45E-03	1.29E-03	1.29E-10	6.45E-04	1.54E-05	1.14E-05	3.16E-05	1.04E-04	6.16E-04	9.85E-06	2.22E-04	1.13E-02	1.05E-03	1.35E-02
648	SG_648	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.500	6.18E-02	1.24E-01	Not Modelled	3.18E-02	5.72E-05	3.64E-02	6.19E-03	1.24E-03	1.24E-10	6.19E-04	1.48E-05	1.09E-05	3.03E-05	9.99E-05	5.91E-04	9.45E-06	2.13E-04	1.08E-02	1.00E-03	1.29E-02
649	SG_649	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.500	5.76E-02	1.15E-01	Not Modelled	2.95E-02	5.33E-05	3.29E-02	5.76E-03	1.15E-03	1.15E-10	5.77E-04	1.38E-05	1.02E-05	2.83E-05	9.31E-05	5.50E-04	8.80E-06	1.99E-04	1.01E-02	9.35E-04	1.20E-02
650	SG_650	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.500	5.36E-02	1.07E-01	Not Modelled	2.75E-02	4.96E-05	2.98E-02	5.37E-03	1.07E-03	1.07E-10	5.37E-04	1.28E-05	9.46E-06	2.63E-05	8.66E-05	5.12E-04	8.19E-06	1.85E-04	9.39E-03	8.70E-04	1.12E-02
651	SG_651	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.500	5.15E-02	1.03E-01	Not Modelled	2.65E-02	4.77E-05	2.83E-02	5.16E-03	1.03E-03	1.03E-10	5.16E-04	1.23E-05	9.09E-06	2.53E-05	8.33E-05	4.92E-04	7.87E-06	1.78E-04	9.03E-03	8.37E-04	1.08E-02
660	SG_660	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.700	6.78E-02	1.36E-01	Not Modelled	4.30E-02	6.27E-05	5.33E-02	6.78E-03	1.36E-03	1.36E-10	6.78E-04	1.62E-05	1.20E-05	3.32E-05	1.09E-04	6.47E-04	1.04E-05	2.34E-04	1.19E-02	1.10E-03	1.41E-02
661	SG_661	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.700	8.12E-02	1.63E-01	Not Modelled	5.05E-02	7.51E-05	6.34E-02	8.12E-03	1.62E-03	1.62E-10	8.12E-04	1.94E-05	1.43E-05	3.98E-05	1.31E-04	7.75E-04	1.24E-05	2.80E-04	1.42E-02	1.32E-03	1.69E-02
662	SG_662	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.700	1.02E-01	2.05E-01	Not Modelled	6.12E-02	9.46E-05	7.86E-02	1.02E-02	2.04E-03	2.04E-10	1.02E-03	2.44E-05	1.80E-05	5.01E-05	1.65E-04	9.76E-04	1.56E-05	3.52E-04	1.79E-02	1.66E-03	2.13E-02
663	SG_663	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.700	1.44E-01	2.87E-01	Not Modelled	8.42E-02	1.33E-04	1.12E-01	1.44E-02	2.87E-03	2.87E-10	1.44E-03	3.44E-05	2.53E-05	7.04E-05	2.32E-04	1.37E-03	2.19E-05	4.95E-04	2.51E-02	2.33E-03	3.00E-02
664	SG_664	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.700	1.84E-01	3.68E-01	Not Modelled	1.07E-01	1.70E-04	1.46E-01	1.84E-02	3.68E-03	3.68E-10	1.84E-03	4.40E-05	3.24E-05	9.02E-05	2.97E-04	1.76E-03	2.81E-05	6.34E-04	3.22E-02	2.98E-03	3.84E-02
665	SG_665	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.700	1.91E-01	3.81E-01	Not Modelled	1.11E-01	1.76E-04	1.56E-01	1.91E-02	3.81E-03	3.81E-10	1.91E-03	4.56E-05	3.36E-05	9.35E-05	3.08E-04	1.82E-03	2.91E-05	6.57E-04	3.34E-02	3.09E-03	3.98E-02
666	SG_666	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.700	1.65E-01	3.30E-01	Not Modelled	9.22E-02	1.53E-04	1.32E-01	1.65E-02	3.30E-03	3.30E-10	1.65E-03	3.95E-05	2.91E-05	8.09E-05	2.66E-04	1.57E-03	2.52E-05	5.69E-04	2.89E-02	2.68E-03	3.44E-02
667	SG_667	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.700	1.41E-01	2.82E-01	Not Modelled	7.35E-02	1.30E-04	1.08E-01	1.41E-02	2.82E-03	2.82E-10	1.41E-03	3.37E-05	2.49E-05	6.91E-05	2.28E-04	1.35E-03	2.15E-05	4.86E-04	2.47E-02	2.29E-03	2.94E-02
668	SG_668	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.700	1.17E-01	2.35E-01	Not Modelled	5.94E-02	1.09E-04	8.77E-02	1.17E-02	2.35E-03	2.35E-10	1.17E-03	2.81E-05	2.07E-05	5.75E-05	1.89E-04	1.12E-03	1.79E-05	4.04E-04	2.05E-02	1.90E-03	2.45E-02
669	SG_669	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.700	1.10E-01	2.21E-01	Not Modelled	5.59E-02	1.02E-04	8.15E-02	1.10E-02	2.21E-03	2.21E-10	1.10E-03	2.64E-05	1.94E-05	5.41E-05	1.78E-04	1.05E-03	1.68E-05	3.80E-04	1.93E-02	1.79E-03	2.30E-02
670	SG_670	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.700	1.15E-01	2.31E-01	Not Modelled	5.89E-02	1.07E-04	8.43E-02	1.16E-02	2.31E-03	2.31E-10	1.16E-03	2.76E-05	2.04E-05	5.66E-05	1.87E-04	1.10E-03	1.76E-05	3.98E-04	2.02E-02	1.87E-03	2.41E-02
671	SG_671	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.700	1.13E-01	2.25E-01	Not Modelled	5.84E-02	1.04E-04	8.15E-02	1.13E-02	2.25E-03	2.25E-10	1.13E-03	2.70E-05	1.99E-05	5.52E-05	1.82E-04	1.08E-03	1.72E-05	3.88E-04	1.97E-02	1.83E-03	2.35E-02
672	SG_672	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.700	1.02E-01	2.04E-01	Not Modelled	5.38E-02	9.42E-05	7.31E-02	1.02E-02	2.03E-03	2.03E-10	1.02E-03	2.43E-05	1.79E-05	4.99E-05	1.64E-04	9.72E-04	1.55E-05	3.51E-04	1.78E-02	1.65E-03	2.12E-02
673	SG_673	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.700	8.28E-02	1.66E-01	Not Modelled	4.40E-02	7.66E-05	5.76E-02	8.28E-03	1.66E-03	1.66E-10	8.29E-04	1.98E-05	1.46E-05	4.06E-05	1.34E-04	7.91E-04	1.26E-05	2.86E-04	1.45E-02	1.34E-03	1.73E-02
674	SG_674	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.700	7.52E-02	1.51E-01	Not Modelled	4.00E-02	6.96E-05	5.12E-02	7.53E-03	1.51E-03	1.51E-10	7.53E-04	1.80E-05	1.33E-05	3.69E-05	1.22E-04	7.19E-04	1.15E-05	2.59E-04	1.32E-02	1.22E-03	1.57E-02
675	SG_675	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.700	6.99E-02	1.40E-01	Not Modelled	3.67E-02	6.47E-05	4.59E-02	6.99E-03	1.40E-03	1.40E-10	7.00E-04	1.67E-05	1.23E-05	3.43E-05	1.13E-04	6.68E-04	1.07E-05	2.41E-04	1.22E-02	1.13E-03	1.46E-02
676	SG_676	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.700	6.31E-02	1.26E-01	Not Modelled	3.27E-02	5.84E-05	3.95E-02	6.31E-03	1.26E-03	1.26E-10	6.31E-04	1.51E-05	1.11E-05	3.09E-05	1.02E-04	6.02E-04	9.63E-06	2.17E-04	1.10E-02	1.02E-03	1.32E-02
677	SG_677	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.700	5.90E-02	1.18E-01	Not Modelled	3.05E-02	5.46E-05	3.58E-02	5.90E-03	1.18E-03	1.18E-10	5.91E-04	1.41E-05	1.04E-05	2.90E-05	9.53E-05	5.64E-04	9.01E-06	2.04E-04	1.03E-02	9.58E-04	1.23E-02
678	SG_678	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.700	5.85E-02	1.17E-01	Not Modelled	3.03E-02	5.42E-05	3.49E-02	5.85E-03	1.17E-03	1.17E-10	5.86E-04	1.40E-05	1.03E-05	2.87E-05	9.45E-05	5.59E-04	8.94E-06	2.02E-04	1.02E-02	9.50E-04	1.22E-02
679	SG_679	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.700	5.56E-02	1.11E-01	Not Modelled	2.88E-02	5.14E-05	3.22E-02	5.56E-03	1.11E-03	1.11E-10	5.56E-04	1.33E-05	9.80E-06	2.73E-05	8.98E-05	5.31E-04	8.49E-06	1.92E-04	9.73E-03	9.02E-04	1.16E-02
680	SG_680	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.700	5.46E-02	1.09E-01	Not Modelled	2.83E-02	5.06E-05	3.11E-02	5.47E-03	1.09E-03	1.09E-10	5.47E-04	1.31E-05	9.63E-06	2.68E-05	8.83E-05	5.22E-04	8.35E-06	1.88E-04	9.57E-03	8.87E-04	1.14E-02
681	SG_681	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.700	5.05E-02	1.01E-01	Not Modelled	2.61E-02	4.68E-05	2.78E-02	5.06E-03	1.01E-03	1.01E-10	5.06E-04	1.21E-05	8.91E-06	2.48E-05	8.17E-05	4.83E-04	7.72E-06	1.74E-04	8.85E-03	8.20E-04	1.06E-02
682	SG_682	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.700	4.79E-02	9.59E-02	Not Modelled	2.47E-02	4.43E-05	2.57E-02	4.79E-03	9.58E-04	9.58E-11	4.79E-04	1.15E-05	8.45E-06	2.35E-05	7.74E-05	4.57E-04	7.32E-06	1.65E-04	8.39E-03	7.77E-04	1.00E-02
694	SG_694	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.900	1.20E-01	2.40E-01	Not Modelled	6.97E-02	1.11E-04	8.89E-02	1.20E-02	2.40E-03	2.40E-10	1.20E-03	2.87E-05	2.12E-05	5.89E-05	1.94E-04	1.15E-03	1.83E-05	4.14E-04	2.10E-02	1.95E-03	2.51E-02
695	SG_695	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.900	1.40E-01	2.81E-01	Not Modelled	8.16E-02	1.30E-04	1.07E-01	1.40E-02	2.81E-03	2.81E-10	1.40E-03	3.36E-05	2.47E-05	6.88E-05	2.27E-04	1.34E-03	2.14E-05	4.84E-04	2.46E-02	2.28E-03	2.93E-02
696	SG_696	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.900	1.49E-01	2.99E-01	Not Modelled	8.78E-02	1.38E-04	1.18E-01	1.49E-02	2.98E-03	2.98E-10	1.49E-03	3.57E-05	2.63E-05	7.32E-05	2.41E-04	1.42E-03	2.28E-05	5.14E-04	2.61E-02	2.42E-03	3.11E-02
697	SG_697	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.900	1.30E-01	2.61E-01	Not Modelled	7.35E-02	1.20E-04	1.01E-01	1.30E-02	2.60E-03	2.60E-10	1.30E-03	3.11E-05	2.29E-05	6.38E-05	2.10E-04	1.24E-03	1.99E-05	4.49E-04	2.28E-02	2.11E-03	2.72E-02
698	SG_698	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.900	1.13E-01	2.26E-01	Not Modelled	6.02E-02	1.05E-04	8.45E-02	1.13E-02	2.26E-03	2.26E-10	1.13E-03	2.70E-05	1.99E-05	5.54E-05	1.82E-04	1.08E-03	1.73E-05	3.90E-04	1.98E-02	1.83E-03	2.36E-02
699	SG_699	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.900	9.57E-02	1.92E-01	Not Modelled	4.97E-02	8.86E-05	7.01E-02	9.58E-03	1.91E-03	1.91E-10	9.58E-04	2.29E-05	1.69E-05	4.70E-05	1.55E-04	9.14E-04	1.46E-05	3.30E-04	1.68E-02	1.55E-03	2.00E-02
700	SG_700	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.900	8.84E-02	1.77E-01	Not Modelled	4.56E-02	8.18E-05	6.38E-02	8.84E-03	1.77E-03	1.77E-10	8.84E-04	2.12E-05	1.56E-05	4.34E-05	1.43E-04	8.44E-04	1.35E-05	3.05E-04	1.55E-02	1.43E-03	1.85E-02
701	SG_701	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.900	9.56E-02	1.91E-01	Not Modelled	4.94E-02	8.85E-05	6.85E-02	9.56E-03	1.91E-03	1.91E-10	9.57E-04	2.29E-05	1.69E-05	4.69E-05	1.54E-04	9.13E-04	1.46E-05	3.30E-04	1.67E-02	1.55E-03	2.00E-02
702	SG_702	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.900	9.80E-02	1.96E-01	Not Modelled	5.09E-02	9.07E-05	6.89E-02	9.80E-03	1.96E-03	1.96E-10	9.81E-04	2.35E-05	1.73E-05	4.81E-05	1.58E-04	9.36E-04	1.50E-05	3.38E-04	1.72E-02	1.59E-03	2.05E-02
703	SG_703	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.900	8.90E-02	1.78E-01	Not Modelled	4.66E-02	8.24E-05	6.10E-02	8.90E-03	1.78E-03	1.78E-10	8.90E-04	2.13E-05	1.57E-05	4.37E-05	1.44E-04	8.50E-04	1.36E-05	3.07E-04	1.56E-02	1.44E-03	1.86E-02
704	SG_704	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.900	7.94E-02	1.59E-01	Not Modelled	4.22E-02	7.35E-05	5.38E-02	7.94E-03	1.59E-03	1.59E-10	7.94E-04	1.90E-05	1.40E-05	3.90E-05	1.28E-04	7.58E-04	1.21E-05	2.74E-04	1.39E-02	1.29E-03	1.66E-02
705	SG_705	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.900	6.92E-02	1.39E-01	Not Modelled	3.72E-02	6.40E-05	4.62E-02	6.92E-03	1.38E-03	1.38E-10	6.92E-04	1.66E-05	1.22E-05	3.39E-05	1.12E-04	6.61E-04	1.06E-05	2.39E-04	1.21E-02	1.12E-03	1.44E-02
706	SG_706	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.900	6.23E-02	1.25E-01	Not Modelled	3.36E-02	5.77E-05	4.07E-02	6.24E-03	1.25E-03	1.25E-10	6.24E-04	1.49E-05	1.10E-05	3.06E-05	1.01E-04	5.95E-04	9.52E-06	2.15E-04	1.09E-02	1.01E-03	1.30E-02
707	SG_707	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.900	5.74E-02	1.15E-01	Not Modelled	3.05E-02	5.31E-05	3.60E-02	5.74E-03	1.15E-03	1.15E-10	5.74E-04	1.37E-05	1.01E-05	2.81E-05	9.27E-05	5.48E-04	8.76E-06	1.98E-04	1.00E-02	9.31E-04	1.20E-02
708	SG_708	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.900	5.62E-02	1.13E-01	Not Modelled	2.96E-02	5.21E-05	3.43E-02	5.63E-03	1.13E-03	1.13E-10	5.63E-04	1.35E-05	9.92E-06	2.76E-05	9.09E-05	5.37E-04	8.59E-06	1.94E-04	9.85E-03	9.13E-04	1.17E-02
709	SG_709	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.900	5.60E-02	1.12E-01	Not Modelled	2.94E-02	5.18E-05	3.36E-02	5.60E-03	1.12E-03	1.12E-10	5.61E-04	1.34E-05	9.88E-06	2.75E-05	9.05E-05	5.35E-04	8.56E-06	1.93E-04	9.81E-03	9.09E-04	1.17E-02
710	SG_710	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.900	5.23E-02	1.05E-01	Not Modelled	2.73E-02	4.84E-05	3.02E-02	5.23E-03	1.05E-03	1.05E-10	5.23E-04	1.25E-05	9.22E-06	2.57E-05	8.45E-05	4.99E-04	7.99E-06	1.80E-04	9.16E-03	8.49E-04	1.09E-02
711	SG_711	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.900	4.92E-02	9.85E-02	Not Modelled	2.56E-02	4.55E-05	2.76E-02	4.92E-03	9.84E-04	9.84E-11	4.92E-04	1.18E-05	8.67E-06	2.41E-05	7.95E-05	4.70E-04	7.51E-06	1.70E-04	8.61E-03	7.98E-04	1.03E-02
712	SG_712	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.900	4.60E-02	9.22E-02	Not Modelled	2.39E-02	4.26E-05	2.50E-02	4.61E-03	9.21E-04	9.21E-11	4.61E-04	1.10E-05	8.12E-06	2.26E-05	7.44E-05	4.40E-04	7.03E-06	1.59E-04	8.06E-03	7.47E-04	9.61E-03
713	SG_713	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.900	4.22E-02	8.47E-02	Not Modelled	2.19E-02	3.91E-05	2.21E-02	4.23E-03	8.45E-04	8.45E-11	4.23E-04	1.01E-05	7.45E-06	2.07E-05	6.83E-05	4.04E-04	6.45E-06	1.46E-04	7.40E-03	6.86E-04	8.82E-03
726	SG_726	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6369.100	1.12E-01	2.25E-01	Not Modelled	6.56E-02	1.04E-04	8.24E-02	1.12E-02	2.25E-03	2.25E-10	1.12E-03	2.69E-05	1.98E-05	5.51E-05	1.82E-04	1.07E-03	1.72E-05	3.88E-04	1.97E-02	1.82E-03	2.35E-02
727	SG_727	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6369.100	1.09E-01	2.18E-01	Not Modelled	6.32E-02	1.01E-04	8.11E-02	1.09E-02	2.18E-03	2.18E-10	1.09E-03	2.61E-05	1.92E-05	5.34E-05	1.76E-04	1.04E-03	1.66E-05	3.76E-04	1.91E-02	1.77E-03	2.27E-02
728	SG_728	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.100	1.02E-01	2.05E-01	Not Modelled	5.79E-02	9.48E-05	7.62E-02	1.02E-02	2.05E-03	2.05E-10	1.03E-03	2.45E-05	1.81E-05	5.03E-05	1.65E-04	9.78E-04	1.56E-05	3.53E-04	1.79E-02	1.66E-03	2.14E-02
729	SG_729	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.100	9.01E-02	1.80E-01	Not Modelled	4.84E-02	8.34E-05	6.47E-02	9.01E-03	1.80E-03	1.80E-10	9.01E-04	2.16E-05	1.59E-05	4.42E-05	1.45E-04	8.60E-04	1.38E-05	3.11E-04	1.58E-02	1.46E-03	1.88E-02
730	SG_730	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.100	8.06E-02	1.61E-01	Not Modelled	4.29E-02	7.46E-05	5.81E-02	8.06E-03	1.61E-03	1.61E-10	8.07E-04	1.93E-05	1.42E-05	3.96E-05	1.30E-04	7.70E-04	1.23E-05	2.78E-04	1.41E-02	1.31E-03	1.68E-02
731	SG_731	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.100	7.44E-02	1.49E-01	Not Modelled	3.92E-02	6.89E-05	5.29E-02	7.45E-03	1.49E-03	1.49E-10	7.45E-04	1.78E-05	1.31E-05	3.65E-05	1.20E-04	7.11E-04	1.14E-05	2.57E-04	1.30E-02	1.21E-03	1.55E-02
732	SG_732	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.100	7.75E-02	1.55E-01	Not Modelled	4.06E-02	7.17E-05	5.41E-02	7.75E-03	1.55E-03	1.55E-10	7.75E-04	1.85E-05	1.37E-05	3.80E-05	1.25E-04	7.40E-04	1.18E-05	2.67E-04	1.36E-02	1.26E-03	1.62E-02
733	SG_733	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.100	8.09E-02	1.62E-01	Not Modelled	4.21E-02	7.49E-05	5.49E-02	8.09E-03	1.62E-03	1.62E-10	8.10E-04	1.94E-05	1.43E-05	3.97E-05	1.31E-04	7.73E-04	1.24E-05	2.79E-04	1.42E-02	1.31E-03	1.69E-02
734	SG_734	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.100	7.65E-02	1.53E-01	Not Modelled	3.98E-02	7.08E-05	5.03E-02	7.66E-03	1.53E-03	1.53E-10	7.66E-04	1.83E-05	1.35E-05	3.76E-05	1.24E-04	7.31E-04	1.17E-05	2.64E-04	1.34E-02	1.24E-03	1.60E-02
735	SG_735	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.100	7.14E-02	1.43E-01	Not Modelled	3.77E-02	6.61E-05	4.64E-02	7.15E-03	1.43E-03	1.43E-10	7.15E-04	1.71E-05	1.26E-05	3.51E-05	1.15E-04	6.82E-04	1.09E-05	2.46E-04	1.25E-02	1.16E-03	1.49E-02
736	SG_736	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.100	6.43E-02	1.29E-01	Not Modelled	3.44E-02	5.95E-05	4.13E-02	6.43E-03	1.29E-03	1.29E-10	6.44E-04	1.54E-05	1.13E-05	3.16E-05	1.04E-04	6.14E-04	9.82E-06	2.22E-04	1.13E-02	1.04E-03	1.34E-02
737	SG_737	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.100	5.78E-02	1.16E-01	Not Modelled	3.14E-02	5.35E-05	3.68E-02	5.78E-03	1.16E-03	1.16E-10	5.78E-04	1.38E-05	1.02E-05	2.83E-05	9.33E-05	5.52E-04	8.82E-06	1.99E-04	1.01E-02	9.38E-04	1.21E-02
738	SG_738	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.100	5.39E-02	1.08E-01	Not Modelled	2.95E-02	4.99E-05	3.40E-02	5.40E-03	1.08E-03	1.08E-10	5.40E-04	1.29E-05	9.51E-06	2.65E-05	8.71E-05	5.15E-04	8.24E-06	1.86E-04	9.45E-03	8.75E-04	1.13E-02
739	SG_739	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.100	5.11E-02	1.02E-01	Not Modelled	2.77E-02	4.73E-05	3.13E-02	5.11E-03	1.02E-03	1.02E-10	5.11E-04	1.22E-05	9.01E-06	2.51E-05	8.26E-05	4.88E-04	7.81E-06	1.76E-04	8.95E-03	8.29E-04	1.07E-02
740	SG_740	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.100	5.17E-02	1.03E-01	Not Modelled	2.77E-02	4.78E-05	3.10E-02	5.17E-03	1.03E-03	1.03E-10	5.17E-04	1.24E-05	9.11E-06	2.53E-05	8.35E-05	4.93E-04	7.89E-06	1.78E-04	9.05E-03	8.38E-04	1.08E-02
741	SG_741	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.100	4.87E-02	9.75E-02	Not Modelled	2.58E-02	4.51E-05	2.80E-02	4.87E-03	9.74E-04	9.74E-11	4.87E-04	1.17E-05	8.59E-06	2.39E-05	7.87E-05	4.65E-04	7.44E-06	1.68E-04	8.53E-03	7.90E-04	1.02E-02
742	SG_742	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.100	4.39E-02	8.79E-02	Not Modelled	2.30E-02	4.06E-05	2.40E-02	4.39E-03	8.78E-04	8.78E-11	4.39E-04	1.05E-05	7.74E-06	2.15E-05	7.09E-05	4.19E-04	6.70E-06	1.51E-04	7.69E-03	7.12E-04	9.16E-03
743	SG_743	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.100	4.27E-02	8.55E-02	Not Modelled	2.23E-02	3.95E-05	2.29E-02	4.27E-03	8.54E-04	8.54E-11	4.27E-04	1.02E-05	7.53E-06	2.09E-05	6.90E-05	4.08E-04	6.52E-06	1.47E-04	7.48E-03	6.93E-04	8.91E-03

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 2 COMMERCIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**0.000**	**0.024**	**0.001**	**0.000**	**0.001**	**0.004**	**0.023**	**0.000**	**0.008**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
744	SG_744	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.100	4.00E-02	8.01E-02	Not Modelled	2.09E-02	3.70E-05	2.08E-02	4.00E-03	8.00E-04	8.00E-11	4.00E-04	9.57E-06	7.05E-06	1.96E-05	6.46E-05	3.82E-04	6.11E-06	1.38E-04	7.01E-03	6.49E-04	8.35E-03
758	SG_758	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6369.300	8.88E-02	1.78E-01	Not Modelled	5.16E-02	8.22E-05	6.39E-02	8.89E-03	1.78E-03	1.78E-10	8.89E-04	2.13E-05	1.57E-05	4.36E-05	1.44E-04	8.49E-04	1.36E-05	3.06E-04	1.56E-02	1.44E-03	1.85E-02
759	SG_759	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.300	8.18E-02	1.64E-01	Not Modelled	4.61E-02	7.57E-05	5.82E-02	8.18E-03	1.64E-03	1.64E-10	8.18E-04	1.96E-05	1.44E-05	4.01E-05	1.32E-04	7.81E-04	1.25E-05	2.82E-04	1.43E-02	1.33E-03	1.71E-02
760	SG_760	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.300	7.37E-02	1.48E-01	Not Modelled	3.98E-02	6.82E-05	5.10E-02	7.37E-03	1.47E-03	1.47E-10	7.37E-04	1.76E-05	1.30E-05	3.61E-05	1.19E-04	7.04E-04	1.13E-05	2.54E-04	1.29E-02	1.20E-03	1.54E-02
761	SG_761	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.300	6.62E-02	1.33E-01	Not Modelled	3.55E-02	6.13E-05	4.59E-02	6.62E-03	1.32E-03	1.32E-10	6.62E-04	1.58E-05	1.17E-05	3.25E-05	1.07E-04	6.32E-04	1.01E-05	2.28E-04	1.16E-02	1.07E-03	1.38E-02
762	SG_762	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.300	6.19E-02	1.24E-01	Not Modelled	3.30E-02	5.73E-05	4.26E-02	6.19E-03	1.24E-03	1.24E-10	6.19E-04	1.48E-05	1.09E-05	3.04E-05	1.00E-04	5.91E-04	9.46E-06	2.14E-04	1.08E-02	1.00E-03	1.29E-02
763	SG_763	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.300	6.17E-02	1.24E-01	Not Modelled	3.24E-02	5.71E-05	4.14E-02	6.17E-03	1.23E-03	1.23E-10	6.18E-04	1.48E-05	1.09E-05	3.03E-05	9.97E-05	5.89E-04	9.43E-06	2.13E-04	1.08E-02	1.00E-03	1.29E-02
764	SG_764	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.300	6.74E-02	1.35E-01	Not Modelled	3.54E-02	6.24E-05	4.46E-02	6.75E-03	1.35E-03	1.35E-10	6.75E-04	1.61E-05	1.19E-05	3.31E-05	1.09E-04	6.44E-04	1.03E-05	2.33E-04	1.18E-02	1.09E-03	1.41E-02
765	SG_765	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.300	6.99E-02	1.40E-01	Not Modelled	3.66E-02	6.47E-05	4.52E-02	6.99E-03	1.40E-03	1.40E-10	7.00E-04	1.67E-05	1.23E-05	3.43E-05	1.13E-04	6.68E-04	1.07E-05	2.41E-04	1.22E-02	1.13E-03	1.46E-02
766	SG_766	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.300	6.67E-02	1.34E-01	Not Modelled	3.52E-02	6.17E-05	4.22E-02	6.67E-03	1.33E-03	1.33E-10	6.67E-04	1.60E-05	1.18E-05	3.27E-05	1.08E-04	6.37E-04	1.02E-05	2.30E-04	1.17E-02	1.08E-03	1.39E-02
767	SG_767	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.300	5.94E-02	1.19E-01	Not Modelled	3.15E-02	5.49E-05	3.68E-02	5.94E-03	1.19E-03	1.19E-10	5.94E-04	1.42E-05	1.05E-05	2.91E-05	9.59E-05	5.67E-04	9.07E-06	2.05E-04	1.04E-02	9.63E-04	1.24E-02
768	SG_768	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.300	5.43E-02	1.09E-01	Not Modelled	2.93E-02	5.02E-05	3.34E-02	5.43E-03	1.09E-03	1.09E-10	5.43E-04	1.30E-05	9.57E-06	2.66E-05	8.77E-05	5.18E-04	8.29E-06	1.87E-04	9.51E-03	8.81E-04	1.13E-02
769	SG_769	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.300	4.83E-02	9.69E-02	Not Modelled	2.64E-02	4.48E-05	2.93E-02	4.84E-03	9.67E-04	9.67E-11	4.84E-04	1.16E-05	8.53E-06	2.37E-05	7.81E-05	4.62E-04	7.38E-06	1.67E-04	8.47E-03	7.85E-04	1.01E-02
770	SG_770	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.300	4.61E-02	9.23E-02	Not Modelled	2.54E-02	4.27E-05	2.77E-02	4.61E-03	9.22E-04	9.22E-11	4.61E-04	1.10E-05	8.13E-06	2.26E-05	7.44E-05	4.40E-04	7.04E-06	1.59E-04	8.07E-03	7.48E-04	9.62E-03
771	SG_771	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.300	4.72E-02	9.46E-02	Not Modelled	2.60E-02	4.37E-05	2.83E-02	4.72E-03	9.44E-04	9.44E-11	4.72E-04	1.13E-05	8.32E-06	2.32E-05	7.63E-05	4.51E-04	7.21E-06	1.63E-04	8.27E-03	7.66E-04	9.86E-03
772	SG_772	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.300	4.60E-02	9.21E-02	Not Modelled	2.50E-02	4.26E-05	2.67E-02	4.60E-03	9.20E-04	9.20E-11	4.60E-04	1.10E-05	8.11E-06	2.26E-05	7.43E-05	4.39E-04	7.02E-06	1.59E-04	8.05E-03	7.46E-04	9.60E-03
773	SG_773	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.300	4.16E-02	8.33E-02	Not Modelled	2.21E-02	3.85E-05	2.28E-02	4.16E-03	8.32E-04	8.32E-11	4.16E-04	9.95E-06	7.33E-06	2.04E-05	6.72E-05	3.97E-04	6.35E-06	1.43E-04	7.28E-03	6.75E-04	8.68E-03
774	SG_774	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.300	4.03E-02	8.08E-02	Not Modelled	2.13E-02	3.74E-05	2.15E-02	4.04E-03	8.07E-04	8.07E-11	4.04E-04	9.66E-06	7.12E-06	1.98E-05	6.52E-05	3.85E-04	6.16E-06	1.39E-04	7.07E-03	6.55E-04	8.42E-03
775	SG_775	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.300	4.30E-02	8.61E-02	Not Modelled	2.28E-02	3.98E-05	2.30E-02	4.30E-03	8.60E-04	8.60E-11	4.30E-04	1.03E-05	7.58E-06	2.11E-05	6.95E-05	4.11E-04	6.57E-06	1.48E-04	7.53E-03	6.98E-04	8.98E-03
789	SG_789	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6369.500	7.52E-02	1.51E-01	Not Modelled	4.38E-02	6.96E-05	5.26E-02	7.52E-03	1.50E-03	1.50E-10	7.52E-04	1.80E-05	1.33E-05	3.69E-05	1.21E-04	7.18E-04	1.15E-05	2.59E-04	1.32E-02	1.22E-03	1.57E-02
790	SG_790	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.500	6.78E-02	1.36E-01	Not Modelled	3.82E-02	6.27E-05	4.66E-02	6.78E-03	1.36E-03	1.36E-10	6.78E-04	1.62E-05	1.19E-05	3.32E-05	1.09E-04	6.47E-04	1.04E-05	2.34E-04	1.19E-02	1.10E-03	1.41E-02
791	SG_791	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.500	6.26E-02	1.25E-01	Not Modelled	3.42E-02	5.79E-05	4.23E-02	6.26E-03	1.25E-03	1.25E-10	6.26E-04	1.50E-05	1.10E-05	3.07E-05	1.01E-04	5.98E-04	9.56E-06	2.16E-04	1.10E-02	1.02E-03	1.31E-02
792	SG_792	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.500	5.59E-02	1.12E-01	Not Modelled	3.03E-02	5.17E-05	3.76E-02	5.59E-03	1.12E-03	1.12E-10	5.59E-04	1.34E-05	9.85E-06	2.74E-05	9.02E-05	5.34E-04	8.53E-06	1.93E-04	9.78E-03	9.07E-04	1.17E-02
793	SG_793	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.500	5.26E-02	1.06E-01	Not Modelled	2.84E-02	4.87E-05	3.53E-02	5.27E-03	1.05E-03	1.05E-10	5.27E-04	1.26E-05	9.28E-06	2.58E-05	8.50E-05	5.03E-04	8.04E-06	1.82E-04	9.22E-03	8.54E-04	1.10E-02
794	SG_794	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.500	5.35E-02	1.07E-01	Not Modelled	2.86E-02	4.96E-05	3.53E-02	5.36E-03	1.07E-03	1.07E-10	5.36E-04	1.28E-05	9.44E-06	2.63E-05	8.65E-05	5.11E-04	8.18E-06	1.85E-04	9.38E-03	8.69E-04	1.12E-02
795	SG_795	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.500	5.60E-02	1.12E-01	Not Modelled	2.96E-02	5.18E-05	3.60E-02	5.60E-03	1.12E-03	1.12E-10	5.60E-04	1.34E-05	9.87E-06	2.75E-05	9.04E-05	5.35E-04	8.55E-06	1.93E-04	9.81E-03	9.09E-04	1.17E-02
796	SG_796	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.500	6.30E-02	1.26E-01	Not Modelled	3.34E-02	5.83E-05	4.02E-02	6.31E-03	1.26E-03	1.26E-10	6.31E-04	1.51E-05	1.11E-05	3.09E-05	1.02E-04	6.02E-04	9.63E-06	2.17E-04	1.10E-02	1.02E-03	1.32E-02
797	SG_797	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.500	6.13E-02	1.23E-01	Not Modelled	3.24E-02	5.68E-05	3.80E-02	6.13E-03	1.23E-03	1.23E-10	6.14E-04	1.47E-05	1.08E-05	3.01E-05	9.91E-05	5.86E-04	9.37E-06	2.11E-04	1.07E-02	9.95E-04	1.28E-02
798	SG_798	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.500	5.58E-02	1.12E-01	Not Modelled	2.96E-02	5.16E-05	3.36E-02	5.58E-03	1.12E-03	1.12E-10	5.58E-04	1.34E-05	9.84E-06	2.74E-05	9.01E-05	5.33E-04	8.52E-06	1.92E-04	9.77E-03	9.06E-04	1.17E-02
799	SG_799	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.500	5.03E-02	1.01E-01	Not Modelled	2.70E-02	4.66E-05	2.98E-02	5.04E-03	1.01E-03	1.01E-10	5.04E-04	1.20E-05	8.88E-06	2.47E-05	8.13E-05	4.81E-04	7.69E-06	1.74E-04	8.82E-03	8.17E-04	1.05E-02
800	SG_800	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.500	4.78E-02	9.58E-02	Not Modelled	2.60E-02	4.43E-05	2.83E-02	4.78E-03	9.57E-04	9.57E-11	4.79E-04	1.14E-05	8.43E-06	2.35E-05	7.73E-05	4.57E-04	7.31E-06	1.65E-04	8.38E-03	7.76E-04	9.99E-03
801	SG_801	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.500	4.48E-02	8.99E-02	Not Modelled	2.48E-02	4.15E-05	2.65E-02	4.49E-03	8.97E-04	8.97E-11	4.49E-04	1.07E-05	7.91E-06	2.20E-05	7.25E-05	4.28E-04	6.85E-06	1.55E-04	7.86E-03	7.28E-04	9.36E-03
802	SG_802	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.500	4.36E-02	8.74E-02	Not Modelled	2.44E-02	4.04E-05	2.57E-02	4.37E-03	8.73E-04	8.73E-11	4.37E-04	1.04E-05	7.69E-06	2.14E-05	7.05E-05	4.17E-04	6.66E-06	1.50E-04	7.64E-03	7.08E-04	9.11E-03
803	SG_803	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.500	4.28E-02	8.57E-02	Not Modelled	2.38E-02	3.96E-05	2.49E-02	4.28E-03	8.56E-04	8.56E-11	4.28E-04	1.02E-05	7.54E-06	2.10E-05	6.91E-05	4.09E-04	6.53E-06	1.48E-04	7.49E-03	6.94E-04	8.93E-03
804	SG_804	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.500	3.92E-02	7.85E-02	Not Modelled	2.15E-02	3.63E-05	2.17E-02	3.92E-03	7.84E-04	7.84E-11	3.92E-04	9.38E-06	6.91E-06	1.92E-05	6.33E-05	3.74E-04	5.99E-06	1.35E-04	6.87E-03	6.36E-04	8.18E-03
805	SG_805	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.500	3.86E-02	7.74E-02	Not Modelled	2.09E-02	3.58E-05	2.08E-02	3.87E-03	7.73E-04	7.73E-11	3.87E-04	9.25E-06	6.81E-06	1.90E-05	6.24E-05	3.69E-04	5.90E-06	1.33E-04	6.77E-03	6.27E-04	8.07E-03
806	SG_806	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.500	3.93E-02	7.88E-02	Not Modelled	2.10E-02	3.64E-05	2.08E-02	3.93E-03	7.86E-04	7.86E-11	3.93E-04	9.41E-06	6.93E-06	1.93E-05	6.35E-05	3.75E-04	6.00E-06	1.36E-04	6.89E-03	6.38E-04	8.21E-03
814	SG_814	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6369.700	5.65E-02	1.13E-01	Not Modelled	3.42E-02	5.23E-05	3.57E-02	5.65E-03	1.13E-03	1.13E-10	5.65E-04	1.35E-05	9.96E-06	2.77E-05	9.12E-05	5.40E-04	8.63E-06	1.95E-04	9.89E-03	9.17E-04	1.18E-02
815	SG_815	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6369.700	6.39E-02	1.28E-01	Not Modelled	3.82E-02	5.92E-05	4.09E-02	6.40E-03	1.28E-03	1.28E-10	6.40E-04	1.53E-05	1.13E-05	3.14E-05	1.03E-04	6.11E-04	9.77E-06	2.21E-04	1.12E-02	1.04E-03	1.34E-02
816	SG_816	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6369.700	7.16E-02	1.43E-01	Not Modelled	4.25E-02	6.63E-05	4.65E-02	7.16E-03	1.43E-03	1.43E-10	7.16E-04	1.71E-05	1.26E-05	3.51E-05	1.16E-04	6.84E-04	1.09E-05	2.47E-04	1.25E-02	1.16E-03	1.49E-02
817	SG_817	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6369.700	7.97E-02	1.60E-01	Not Modelled	4.73E-02	7.38E-05	5.27E-02	7.97E-03	1.59E-03	1.59E-10	7.97E-04	1.91E-05	1.41E-05	3.91E-05	1.29E-04	7.61E-04	1.22E-05	2.75E-04	1.40E-02	1.29E-03	1.66E-02
818	SG_818	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6369.700	7.80E-02	1.56E-01	Not Modelled	4.63E-02	7.22E-05	5.22E-02	7.80E-03	1.56E-03	1.56E-10	7.81E-04	1.87E-05	1.38E-05	3.83E-05	1.26E-04	7.45E-04	1.19E-05	2.69E-04	1.37E-02	1.27E-03	1.63E-02
821	SG_821	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.700	5.76E-02	1.15E-01	Not Modelled	3.26E-02	5.33E-05	3.84E-02	5.76E-03	1.15E-03	1.15E-10	5.77E-04	1.38E-05	1.02E-05	2.83E-05	9.31E-05	5.50E-04	8.80E-06	1.99E-04	1.01E-02	9.35E-04	1.20E-02
822	SG_822	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.700	5.17E-02	1.04E-01	Not Modelled	2.83E-02	4.78E-05	3.35E-02	5.17E-03	1.03E-03	1.03E-10	5.17E-04	1.24E-05	9.11E-06	2.53E-05	8.35E-05	4.94E-04	7.89E-06	1.78E-04	9.05E-03	8.39E-04	1.08E-02
823	SG_823	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.700	4.81E-02	9.63E-02	Not Modelled	2.63E-02	4.45E-05	3.14E-02	4.81E-03	9.62E-04	9.62E-11	4.81E-04	1.15E-05	8.48E-06	2.36E-05	7.76E-05	4.59E-04	7.34E-06	1.66E-04	8.42E-03	7.80E-04	1.00E-02
824	SG_824	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.700	4.63E-02	9.28E-02	Not Modelled	2.55E-02	4.29E-05	3.05E-02	4.63E-03	9.27E-04	9.27E-11	4.64E-04	1.11E-05	8.17E-06	2.27E-05	7.48E-05	4.43E-04	7.08E-06	1.60E-04	8.11E-03	7.52E-04	9.67E-03
825	SG_825	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.700	4.51E-02	9.04E-02	Not Modelled	2.42E-02	4.18E-05	2.88E-02	4.51E-03	9.03E-04	9.03E-11	4.51E-04	1.08E-05	7.96E-06	2.21E-05	7.29E-05	4.31E-04	6.89E-06	1.56E-04	7.90E-03	7.32E-04	9.42E-03
826	SG_826	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.700	4.68E-02	9.38E-02	Not Modelled	2.49E-02	4.34E-05	2.92E-02	4.69E-03	9.37E-04	9.37E-11	4.69E-04	1.12E-05	8.26E-06	2.30E-05	7.57E-05	4.47E-04	7.15E-06	1.62E-04	8.20E-03	7.60E-04	9.78E-03
827	SG_827	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.700	5.18E-02	1.04E-01	Not Modelled	2.75E-02	4.80E-05	3.19E-02	5.18E-03	1.04E-03	1.04E-10	5.19E-04	1.24E-05	9.14E-06	2.54E-05	8.37E-05	4.95E-04	7.92E-06	1.79E-04	9.08E-03	8.41E-04	1.08E-02
828	SG_828	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.700	5.43E-02	1.09E-01	Not Modelled	2.88E-02	5.02E-05	3.27E-02	5.43E-03	1.09E-03	1.09E-10	5.43E-04	1.30E-05	9.57E-06	2.66E-05	8.77E-05	5.18E-04	8.29E-06	1.87E-04	9.50E-03	8.81E-04	1.13E-02
829	SG_829	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.700	5.31E-02	1.06E-01	Not Modelled	2.83E-02	4.92E-05	3.14E-02	5.32E-03	1.06E-03	1.06E-10	5.32E-04	1.27E-05	9.37E-06	2.61E-05	8.59E-05	5.08E-04	8.12E-06	1.83E-04	9.31E-03	8.63E-04	1.11E-02
830	SG_830	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.700	4.91E-02	9.83E-02	Not Modelled	2.63E-02	4.54E-05	2.84E-02	4.91E-03	9.82E-04	9.82E-11	4.91E-04	1.17E-05	8.65E-06	2.41E-05	7.93E-05	4.69E-04	7.50E-06	1.69E-04	8.60E-03	7.96E-04	1.02E-02
831	SG_831	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.700	4.54E-02	9.10E-02	Not Modelled	2.46E-02	4.20E-05	2.60E-02	4.54E-03	9.09E-04	9.09E-11	4.54E-04	1.09E-05	8.01E-06	2.23E-05	7.34E-05	4.34E-04	6.94E-06	1.57E-04	7.95E-03	7.37E-04	9.48E-03
832	SG_832	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.700	4.13E-02	8.27E-02	Not Modelled	2.26E-02	3.82E-05	2.33E-02	4.13E-03	8.26E-04	8.26E-11	4.13E-04	9.88E-06	7.28E-06	2.03E-05	6.67E-05	3.94E-04	6.31E-06	1.42E-04	7.23E-03	6.70E-04	8.62E-03
833	SG_833	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.700	3.99E-02	8.01E-02	Not Modelled	2.22E-02	3.70E-05	2.26E-02	4.00E-03	7.99E-04	7.99E-11	4.00E-04	9.56E-06	7.05E-06	1.96E-05	6.45E-05	3.82E-04	6.10E-06	1.38E-04	7.00E-03	6.48E-04	8.34E-03
834	SG_834	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.700	3.80E-02	7.61E-02	Not Modelled	2.12E-02	3.51E-05	2.13E-02	3.80E-03	7.60E-04	7.60E-11	3.80E-04	9.09E-06	6.70E-06	1.86E-05	6.13E-05	3.63E-04	5.80E-06	1.31E-04	6.65E-03	6.16E-04	7.93E-03
835	SG_835	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.700	3.55E-02	7.12E-02	Not Modelled	1.98E-02	3.29E-05	1.94E-02	3.55E-03	7.11E-04	7.11E-11	3.55E-04	8.50E-06	6.26E-06	1.74E-05	5.74E-05	3.39E-04	5.43E-06	1.23E-04	6.22E-03	5.77E-04	7.42E-03
836	SG_836	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.700	3.44E-02	6.89E-02	Not Modelled	1.90E-02	3.18E-05	1.83E-02	3.44E-03	6.88E-04	6.88E-11	3.44E-04	8.23E-06	6.06E-06	1.69E-05	5.55E-05	3.28E-04	5.25E-06	1.19E-04	6.02E-03	5.58E-04	7.18E-03
837	SG_837	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.700	3.52E-02	7.06E-02	Not Modelled	1.92E-02	3.26E-05	1.84E-02	3.53E-03	7.05E-04	7.05E-11	3.53E-04	8.43E-06	6.21E-06	1.73E-05	5.69E-05	3.37E-04	5.38E-06	1.22E-04	6.17E-03	5.72E-04	7.36E-03
838	SG_838	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6369.900	3.22E-02	6.46E-02	Not Modelled	2.27E-02	2.98E-05	1.94E-02	3.22E-03	6.45E-04	6.45E-11	3.23E-04	7.72E-06	5.68E-06	1.58E-05	5.21E-05	3.08E-04	4.92E-06	1.11E-04	5.65E-03	5.23E-04	6.73E-03
839	SG_839	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6369.900	3.26E-02	6.54E-02	Not Modelled	2.28E-02	3.02E-05	1.98E-02	3.27E-03	6.53E-04	6.53E-11	3.27E-04	7.81E-06	5.76E-06	1.60E-05	5.27E-05	3.12E-04	4.99E-06	1.13E-04	5.72E-03	5.30E-04	6.82E-03
840	SG_840	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6369.900	3.26E-02	6.55E-02	Not Modelled	2.23E-02	3.02E-05	1.97E-02	3.27E-03	6.53E-04	6.53E-11	3.27E-04	7.82E-06	5.76E-06	1.60E-05	5.28E-05	3.12E-04	4.99E-06	1.13E-04	5.72E-03	5.30E-04	6.82E-03
841	SG_841	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6369.900	3.50E-02	7.03E-02	Not Modelled	2.33E-02	3.25E-05	2.10E-02	3.51E-03	7.02E-04	7.02E-11	3.51E-04	8.39E-06	6.18E-06	1.72E-05	5.66E-05	3.35E-04	5.36E-06	1.21E-04	6.14E-03	5.69E-04	7.32E-03
842	SG_842	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6369.900	3.86E-02	7.74E-02	Not Modelled	2.48E-02	3.57E-05	2.30E-02	3.86E-03	7.72E-04	7.72E-11	3.86E-04	9.24E-06	6.81E-06	1.89E-05	6.24E-05	3.69E-04	5.90E-06	1.33E-04	6.76E-03	6.27E-04	8.06E-03
843	SG_843	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6369.900	4.45E-02	8.92E-02	Not Modelled	2.79E-02	4.12E-05	2.67E-02	4.45E-03	8.90E-04	8.90E-11	4.45E-04	1.06E-05	7.84E-06	2.18E-05	7.19E-05	4.25E-04	6.80E-06	1.53E-04	7.79E-03	7.22E-04	9.29E-03
844	SG_844	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6369.900	4.82E-02	9.66E-02	Not Modelled	2.96E-02	4.46E-05	2.91E-02	4.82E-03	9.65E-04	9.65E-11	4.83E-04	1.15E-05	8.50E-06	2.37E-05	7.79E-05	4.61E-04	7.37E-06	1.66E-04	8.45E-03	7.83E-04	1.01E-02
845	SG_845	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6369.900	5.54E-02	1.11E-01	Not Modelled	3.35E-02	5.13E-05	3.41E-02	5.54E-03	1.11E-03	1.11E-10	5.54E-04	1.33E-05	9.77E-06	2.72E-05	8.95E-05	5.29E-04	8.46E-06	1.91E-04	9.70E-03	8.99E-04	1.16E-02
846	SG_846	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6369.900	6.21E-02	1.24E-01	Not Modelled	3.72E-02	5.75E-05	3.88E-02	6.21E-03	1.24E-03	1.24E-10	6.22E-04	1.49E-05	1.10E-05	3.05E-05	1.00E-04	5.93E-04	9.49E-06	2.14E-04	1.09E-02	1.01E-03	1.30E-02
847	SG_847	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6369.900	6.77E-02	1.36E-01	Not Modelled	4.05E-02	6.27E-05	4.30E-02	6.77E-03	1.35E-03	1.35E-10	6.78E-04	1.62E-05	1.19E-05	3.32E-05	1.09E-04	6.47E-04	1.03E-05	2.34E-04	1.19E-02	1.10E-03	1.41E-02
848	SG_848	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6369.900	7.19E-02	1.44E-01	Not Modelled	4.29E-02	6.66E-05	4.64E-02	7.20E-03	1.44E-03	1.44E-10	7.20E-04	1.72E-05	1.27E-05	3.53E-05	1.16E-04	6.87E-04	1.10E-05	2.48E-04	1.26E-02	1.17E-03	1.50E-02
849	SG_849	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6369.900	7.02E-02	1.41E-01	Not Modelled	4.19E-02	6.50E-05	4.59E-02	7.02E-03	1.40E-03	1.40E-10	7.03E-04	1.68E-05	1.24E-05	3.44E-05	1.13E-04	6.71E-04	1.07E-05	2.42E-04	1.23E-02	1.14E-03	1.47E-02
852	SG_852	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.900	4.96E-02	9.94E-02	Not Modelled	2.82E-02	4.59E-05	3.21E-02	4.96E-03	9.92E-04	9.92E-11	4.96E-04	1.19E-05	8.75E-06	2.43E-05	8.01E-05	4.74E-04	7.58E-06	1.71E-04	8.69E-03	8.05E-04	1.04E-02
853	SG_853	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.900	4.46E-02	8.94E-02	Not Modelled	2.46E-02	4.13E-05	2.81E-02	4.46E-03	8.92E-04	8.92E-11	4.46E-04	1.07E-05	7.86E-06	2.19E-05	7.20E-05	4.26E-04	6.81E-06	1.54E-04	7.81E-03	7.24E-04	9.31E-03
854	SG_854	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.900	4.38E-02	8.78E-02	Not Modelled	2.45E-02	4.05E-05	2.85E-02	4.38E-03	8.76E-04	8.76E-11	4.38E-04	1.05E-05	7.72E-06	2.15E-05	7.08E-05	4.18E-04	6.69E-06	1.51E-04	7.67E-03	7.11E-04	9.15E-03
855	SG_855	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.900	4.26E-02	8.53E-02	Not Modelled	2.40E-02	3.94E-05	2.80E-02	4.26E-03	8.52E-04	8.52E-11	4.26E-04	1.02E-05	7.51E-06	2.09E-05	6.88E-05	4.07E-04	6.50E-06	1.47E-04	7.46E-03	6.91E-04	8.89E-03
856	SG_856	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.900	4.08E-02	8.19E-02	Not Modelled	2.24E-02	3.78E-05	2.58E-02	4.09E-03	8.17E-04	8.17E-11	4.09E-04	9.78E-06	7.20E-06	2.00E-05	6.60E-05	3.90E-04	6.24E-06	1.41E-04	7.15E-03	6.63E-04	8.53E-03
857	SG_857	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.900	4.15E-02	8.32E-02	Not Modelled	2.23E-02	3.84E-05	2.54E-02	4.15E-03	8.31E-04	8.31E-11	4.16E-04	9.94E-06	7.32E-06	2.04E-05	6.71E-05	3.97E-04	6.34E-06	1.43E-04	7.27E-03	6.74E-04	8.67E-03
858	SG_858	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.900	4.54E-02	9.10E-02	Not Modelled	2.42E-02	4.20E-05	2.73E-02	4.54E-03	9.08E-04	9.08E-11	4.54E-04	1.09E-05	8.00E-06	2.23E-05	7.33E-05	4.34E-04	6.93E-06	1.57E-04	7.95E-03	7.37E-04	9.48E-03
859	SG_859	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.900	4.83E-02	9.68E-02	Not Modelled	2.57E-02	4.47E-05	2.85E-02	4.83E-03	9.67E-04	9.67E-11	4.84E-04	1.16E-05	8.52E-06	2.37E-05	7.81E-05	4.61E-04	7.38E-06	1.67E-04	8.46E-03	7.84E-04	1.01E-02
860	SG_860	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.900	4.82E-02	9.67E-02	Not Modelled	2.57E-02	4.47E-05	2.78E-02	4.83E-03	9.65E-04	9.65E-11	4.83E-04	1.15E-05	8.51E-06	2.37E-05	7.79E-05	4.61E-04	7.37E-06	1.66E-04	8.45E-03	7.83E-04	1.01E-02
861	SG_861	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.900	4.62E-02	9.25E-02	Not Modelled	2.47E-02	4.27E-05	2.61E-02	4.62E-03	9.24E-04	9.24E-11	4.62E-04	1.11E-05	8.14E-06	2.27E-05	7.46E-05	4.41E-04	7.05E-06	1.59E-04	8.09E-03	7.49E-04	9.64E-03
862	SG_862	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.900	4.28E-02	8.59E-02	Not Modelled	2.31E-02	3.97E-05	2.38E-02	4.29E-03	8.57E-04	8.57E-11	4.29E-04	1.03E-05	7.56E-06	2.10E-05	6.92E-05	4.09E-04	6.55E-06	1.48E-04	7.51E-03	6.95E-04	8.95E-03
863	SG_863	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.900	3.99E-02	8.00E-02	Not Modelled	2.17E-02	3.70E-05	2.19E-02	4.00E-03	7.99E-04	7.99E-11	4.00E-04	9.56E-06	7.04E-06	1.96E-05	6.45E-05	3.81E-04	6.10E-06	1.38E-04	6.99E-03	6.48E-04	8.34E-03
864	SG_864	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.900	3.77E-02	7.56E-02	Not Modelled	2.07E-02	3.49E-05	2.06E-02	3.77E-03	7.55E-04	7.55E-11	3.78E-04	9.03E-06	6.65E-06	1.85E-05	6.10E-05	3.60E-04	5.76E-06	1.30E-04	6.61E-03	6.12E-04	7.88E-03
865	SG_865	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.900	3.49E-02	6.99E-02	Not Modelled	1.94E-02	3.23E-05	1.88E-02	3.49E-03	6.98E-04	6.98E-11	3.49E-04	8.35E-06	6.15E-06	1.71E-05	5.63E-05	3.33E-04	5.33E-06	1.20E-04	6.11E-03	5.66E-04	7.28E-03

AQIA DATA - SCENARIO 2 COMMERCIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**0.000**	**0.024**	**0.001**	**0.000**	**0.001**	**0.004**	**0.023**	**0.000**	**0.008**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
866	SG_866	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.900	3.27E-02	6.56E-02	Not Modelled	1.83E-02	3.03E-05	1.74E-02	3.28E-03	6.55E-04	6.55E-11	3.28E-04	7.84E-06	5.77E-06	1.61E-05	5.29E-05	3.13E-04	5.00E-06	1.13E-04	5.73E-03	5.31E-04	6.84E-03
867	SG_867	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.900	3.19E-02	6.40E-02	Not Modelled	1.79E-02	2.96E-05	1.68E-02	3.20E-03	6.39E-04	6.39E-11	3.20E-04	7.64E-06	5.63E-06	1.57E-05	5.16E-05	3.05E-04	4.88E-06	1.10E-04	5.59E-03	5.18E-04	6.67E-03
868	SG_868	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.900	3.06E-02	6.14E-02	Not Modelled	1.71E-02	2.84E-05	1.57E-02	3.07E-03	6.13E-04	6.13E-11	3.07E-04	7.34E-06	5.41E-06	1.50E-05	4.95E-05	2.93E-04	4.68E-06	1.06E-04	5.37E-03	4.98E-04	6.40E-03
869	SG_869	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6370.100	3.12E-02	6.25E-02	Not Modelled	2.18E-02	2.89E-05	1.79E-02	3.12E-03	6.24E-04	6.24E-11	3.12E-04	7.47E-06	5.50E-06	1.53E-05	5.04E-05	2.98E-04	4.76E-06	1.08E-04	5.46E-03	5.06E-04	6.51E-03
870	SG_870	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6370.100	3.16E-02	6.34E-02	Not Modelled	2.17E-02	2.93E-05	1.81E-02	3.16E-03	6.32E-04	6.32E-11	3.16E-04	7.57E-06	5.58E-06	1.55E-05	5.11E-05	3.02E-04	4.83E-06	1.09E-04	5.54E-03	5.13E-04	6.60E-03
871	SG_871	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6370.100	3.32E-02	6.66E-02	Not Modelled	2.22E-02	3.07E-05	1.90E-02	3.32E-03	6.64E-04	6.64E-11	3.32E-04	7.95E-06	5.85E-06	1.63E-05	5.36E-05	3.17E-04	5.07E-06	1.15E-04	5.81E-03	5.39E-04	6.93E-03
872	SG_872	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6370.100	3.58E-02	7.17E-02	Not Modelled	2.32E-02	3.31E-05	2.04E-02	3.58E-03	7.16E-04	7.16E-11	3.58E-04	8.56E-06	6.31E-06	1.76E-05	5.78E-05	3.42E-04	5.47E-06	1.23E-04	6.27E-03	5.81E-04	7.47E-03
873	SG_873	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6370.100	3.96E-02	7.93E-02	Not Modelled	2.50E-02	3.66E-05	2.27E-02	3.96E-03	7.92E-04	7.92E-11	3.96E-04	9.47E-06	6.98E-06	1.94E-05	6.39E-05	3.78E-04	6.05E-06	1.37E-04	6.93E-03	6.42E-04	8.27E-03
874	SG_874	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6370.100	4.39E-02	8.81E-02	Not Modelled	2.73E-02	4.07E-05	2.55E-02	4.40E-03	8.79E-04	8.79E-11	4.40E-04	1.05E-05	7.75E-06	2.16E-05	7.10E-05	4.20E-04	6.71E-06	1.52E-04	7.70E-03	7.13E-04	9.18E-03
875	SG_875	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6370.100	4.86E-02	9.75E-02	Not Modelled	2.98E-02	4.50E-05	2.87E-02	4.87E-03	9.73E-04	9.73E-11	4.87E-04	1.16E-05	8.58E-06	2.39E-05	7.86E-05	4.65E-04	7.43E-06	1.68E-04	8.52E-03	7.90E-04	1.02E-02
876	SG_876	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6370.100	5.49E-02	1.10E-01	Not Modelled	3.32E-02	5.08E-05	3.30E-02	5.49E-03	1.10E-03	1.10E-10	5.50E-04	1.31E-05	9.68E-06	2.69E-05	8.87E-05	5.24E-04	8.39E-06	1.89E-04	9.62E-03	8.91E-04	1.15E-02
877	SG_877	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6370.100	6.01E-02	1.21E-01	Not Modelled	3.63E-02	5.57E-05	3.68E-02	6.02E-03	1.20E-03	1.20E-10	6.02E-04	1.44E-05	1.06E-05	2.95E-05	9.72E-05	5.75E-04	9.19E-06	2.07E-04	1.05E-02	9.76E-04	1.26E-02
878	SG_878	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6370.100	6.48E-02	1.30E-01	Not Modelled	3.90E-02	6.01E-05	4.03E-02	6.49E-03	1.30E-03	1.30E-10	6.49E-04	1.55E-05	1.14E-05	3.18E-05	1.05E-04	6.20E-04	9.91E-06	2.24E-04	1.14E-02	1.05E-03	1.35E-02
879	SG_879	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6370.100	6.57E-02	1.32E-01	Not Modelled	3.94E-02	6.09E-05	4.13E-02	6.58E-03	1.32E-03	1.32E-10	6.58E-04	1.57E-05	1.16E-05	3.23E-05	1.06E-04	6.28E-04	1.00E-05	2.27E-04	1.15E-02	1.07E-03	1.37E-02
880	SG_880	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6370.100	6.19E-02	1.24E-01	Not Modelled	3.70E-02	5.73E-05	3.94E-02	6.19E-03	1.24E-03	1.24E-10	6.20E-04	1.48E-05	1.09E-05	3.04E-05	1.00E-04	5.91E-04	9.46E-06	2.14E-04	1.08E-02	1.00E-03	1.29E-02
885	SG_885	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6370.100	3.60E-02	7.22E-02	Not Modelled	1.99E-02	3.33E-05	2.21E-02	3.60E-03	7.21E-04	7.21E-11	3.61E-04	8.62E-06	6.35E-06	1.77E-05	5.82E-05	3.44E-04	5.50E-06	1.24E-04	6.31E-03	5.85E-04	7.52E-03
886	SG_886	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6370.100	3.57E-02	7.16E-02	Not Modelled	2.00E-02	3.31E-05	2.23E-02	3.57E-03	7.14E-04	7.14E-11	3.57E-04	8.55E-06	6.30E-06	1.75E-05	5.77E-05	3.41E-04	5.45E-06	1.23E-04	6.25E-03	5.80E-04	7.46E-03
887	SG_887	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6370.100	3.59E-02	7.21E-02	Not Modelled	1.99E-02	3.33E-05	2.21E-02	3.60E-03	7.19E-04	7.19E-11	3.60E-04	8.60E-06	6.34E-06	1.76E-05	5.81E-05	3.43E-04	5.49E-06	1.24E-04	6.30E-03	5.83E-04	7.51E-03
888	SG_888	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6370.100	3.73E-02	7.47E-02	Not Modelled	2.03E-02	3.45E-05	2.24E-02	3.73E-03	7.45E-04	7.45E-11	3.73E-04	8.92E-06	6.57E-06	1.83E-05	6.02E-05	3.56E-04	5.69E-06	1.29E-04	6.53E-03	6.05E-04	7.78E-03
889	SG_889	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6370.100	3.91E-02	7.85E-02	Not Modelled	2.10E-02	3.62E-05	2.29E-02	3.92E-03	7.83E-04	7.83E-11	3.92E-04	9.37E-06	6.90E-06	1.92E-05	6.32E-05	3.74E-04	5.98E-06	1.35E-04	6.86E-03	6.35E-04	8.17E-03
890	SG_890	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6370.100	4.20E-02	8.41E-02	Not Modelled	2.24E-02	3.89E-05	2.40E-02	4.20E-03	8.40E-04	8.40E-11	4.20E-04	1.01E-05	7.40E-06	2.06E-05	6.78E-05	4.01E-04	6.41E-06	1.45E-04	7.35E-03	6.82E-04	8.77E-03
891	SG_891	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6370.100	4.37E-02	8.75E-02	Not Modelled	2.33E-02	4.05E-05	2.45E-02	4.37E-03	8.74E-04	8.74E-11	4.37E-04	1.05E-05	7.71E-06	2.14E-05	7.06E-05	4.17E-04	6.67E-06	1.51E-04	7.65E-03	7.09E-04	9.12E-03
892	SG_892	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6370.100	4.32E-02	8.65E-02	Not Modelled	2.31E-02	4.00E-05	2.38E-02	4.32E-03	8.64E-04	8.64E-11	4.32E-04	1.03E-05	7.61E-06	2.12E-05	6.97E-05	4.12E-04	6.59E-06	1.49E-04	7.56E-03	7.01E-04	9.01E-03
893	SG_893	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6370.100	4.07E-02	8.16E-02	Not Modelled	2.19E-02	3.77E-05	2.20E-02	4.08E-03	8.15E-04	8.15E-11	4.08E-04	9.75E-06	7.18E-06	2.00E-05	6.58E-05	3.89E-04	6.22E-06	1.40E-04	7.13E-03	6.61E-04	8.50E-03
894	SG_894	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6370.100	3.92E-02	7.86E-02	Not Modelled	2.13E-02	3.63E-05	2.10E-02	3.93E-03	7.85E-04	7.85E-11	3.93E-04	9.39E-06	6.92E-06	1.93E-05	6.34E-05	3.75E-04	5.99E-06	1.35E-04	6.87E-03	6.37E-04	8.19E-03
895	SG_895	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6370.100	3.57E-02	7.16E-02	Not Modelled	1.95E-02	3.31E-05	1.88E-02	3.57E-03	7.14E-04	7.14E-11	3.57E-04	8.55E-06	6.30E-06	1.75E-05	5.77E-05	3.41E-04	5.45E-06	1.23E-04	6.25E-03	5.80E-04	7.46E-03
896	SG_896	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6370.100	3.22E-02	6.46E-02	Not Modelled	1.77E-02	2.98E-05	1.66E-02	3.22E-03	6.44E-04	6.44E-11	3.22E-04	7.71E-06	5.68E-06	1.58E-05	5.20E-05	3.08E-04	4.92E-06	1.11E-04	5.64E-03	5.23E-04	6.73E-03
897	SG_897	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6370.100	3.01E-02	6.04E-02	Not Modelled	1.67E-02	2.79E-05	1.54E-02	3.01E-03	6.02E-04	6.02E-11	3.01E-04	7.21E-06	5.31E-06	1.48E-05	4.86E-05	2.88E-04	4.60E-06	1.04E-04	5.27E-03	4.89E-04	6.29E-03
898	SG_898	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6370.100	2.85E-02	5.71E-02	Not Modelled	1.60E-02	2.64E-05	1.44E-02	2.85E-03	5.70E-04	5.70E-11	2.85E-04	6.82E-06	5.03E-06	1.40E-05	4.60E-05	2.72E-04	4.35E-06	9.83E-05	4.99E-03	4.63E-04	5.95E-03
899	SG_899	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6370.100	2.80E-02	5.61E-02	Not Modelled	1.58E-02	2.59E-05	1.40E-02	2.80E-03	5.60E-04	5.60E-11	2.80E-04	6.70E-06	4.94E-06	1.37E-05	4.52E-05	2.68E-04	4.28E-06	9.66E-05	4.91E-03	4.55E-04	5.85E-03
900	SG_900	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6370.300	3.05E-02	6.11E-02	Not Modelled	2.10E-02	2.82E-05	1.66E-02	3.05E-03	6.10E-04	6.10E-11	3.05E-04	7.30E-06	5.38E-06	1.50E-05	4.93E-05	2.91E-04	4.66E-06	1.05E-04	5.34E-03	4.95E-04	6.37E-03
901	SG_901	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6370.300	3.21E-02	6.44E-02	Not Modelled	2.16E-02	2.98E-05	1.76E-02	3.22E-03	6.43E-04	6.43E-11	3.22E-04	7.69E-06	5.67E-06	1.58E-05	5.19E-05	3.07E-04	4.91E-06	1.11E-04	5.63E-03	5.22E-04	6.71E-03
902	SG_902	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6370.300	3.42E-02	6.86E-02	Not Modelled	2.24E-02	3.17E-05	1.87E-02	3.42E-03	6.85E-04	6.85E-11	3.42E-04	8.19E-06	6.03E-06	1.68E-05	5.53E-05	3.27E-04	5.23E-06	1.18E-04	5.99E-03	5.55E-04	7.15E-03
903	SG_903	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6370.300	3.66E-02	7.34E-02	Not Modelled	2.34E-02	3.39E-05	2.01E-02	3.66E-03	7.32E-04	7.32E-11	3.66E-04	8.76E-06	6.45E-06	1.80E-05	5.91E-05	3.50E-04	5.59E-06	1.26E-04	6.41E-03	5.94E-04	7.64E-03
904	SG_904	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6370.300	4.04E-02	8.09E-02	Not Modelled	2.53E-02	3.74E-05	2.25E-02	4.04E-03	8.08E-04	8.08E-11	4.04E-04	9.66E-06	7.12E-06	1.98E-05	6.52E-05	3.86E-04	6.17E-06	1.39E-04	7.07E-03	6.55E-04	8.43E-03
905	SG_905	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6370.300	4.44E-02	8.91E-02	Not Modelled	2.75E-02	4.12E-05	2.52E-02	4.45E-03	8.89E-04	8.89E-11	4.45E-04	1.06E-05	7.84E-06	2.18E-05	7.18E-05	4.25E-04	6.79E-06	1.53E-04	7.79E-03	7.22E-04	9.28E-03
906	SG_906	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6370.300	4.89E-02	9.81E-02	Not Modelled	3.00E-02	4.53E-05	2.83E-02	4.90E-03	9.79E-04	9.79E-11	4.90E-04	1.17E-05	8.63E-06	2.40E-05	7.91E-05	4.68E-04	7.48E-06	1.69E-04	8.57E-03	7.95E-04	1.02E-02
907	SG_907	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6370.300	5.37E-02	1.08E-01	Not Modelled	3.26E-02	4.97E-05	3.16E-02	5.37E-03	1.07E-03	1.07E-10	5.37E-04	1.29E-05	9.47E-06	2.63E-05	8.67E-05	5.13E-04	8.20E-06	1.85E-04	9.40E-03	8.71E-04	1.12E-02
908	SG_908	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6370.300	5.74E-02	1.15E-01	Not Modelled	3.48E-02	5.32E-05	3.44E-02	5.75E-03	1.15E-03	1.15E-10	5.75E-04	1.38E-05	1.01E-05	2.82E-05	9.28E-05	5.49E-04	8.78E-06	1.98E-04	1.01E-02	9.33E-04	1.20E-02
909	SG_909	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6370.300	6.00E-02	1.20E-01	Not Modelled	3.63E-02	5.56E-05	3.63E-02	6.01E-03	1.20E-03	1.20E-10	6.01E-04	1.44E-05	1.06E-05	2.95E-05	9.70E-05	5.74E-04	9.17E-06	2.07E-04	1.05E-02	9.74E-04	1.25E-02
910	SG_910	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6370.300	5.98E-02	1.20E-01	Not Modelled	3.60E-02	5.54E-05	3.66E-02	5.99E-03	1.20E-03	1.20E-10	5.99E-04	1.43E-05	1.06E-05	2.94E-05	9.67E-05	5.72E-04	9.15E-06	2.07E-04	1.05E-02	9.72E-04	1.25E-02
917	SG_917	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6370.300	3.12E-02	6.26E-02	Not Modelled	1.75E-02	2.89E-05	1.87E-02	3.12E-03	6.24E-04	6.24E-11	3.12E-04	7.47E-06	5.50E-06	1.53E-05	5.04E-05	2.98E-04	4.77E-06	1.08E-04	5.47E-03	5.07E-04	6.52E-03
918	SG_918	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6370.300	3.09E-02	6.20E-02	Not Modelled	1.71E-02	2.86E-05	1.82E-02	3.09E-03	6.18E-04	6.18E-11	3.09E-04	7.40E-06	5.45E-06	1.52E-05	4.99E-05	2.95E-04	4.72E-06	1.07E-04	5.41E-03	5.01E-04	6.45E-03
919	SG_919	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6370.300	3.27E-02	6.56E-02	Not Modelled	1.79E-02	3.03E-05	1.91E-02	3.27E-03	6.55E-04	6.55E-11	3.27E-04	7.83E-06	5.77E-06	1.61E-05	5.29E-05	3.13E-04	5.00E-06	1.13E-04	5.73E-03	5.31E-04	6.83E-03
920	SG_920	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6370.300	3.49E-02	7.00E-02	Not Modelled	1.89E-02	3.23E-05	2.00E-02	3.49E-03	6.99E-04	6.99E-11	3.50E-04	8.36E-06	6.16E-06	1.71E-05	5.64E-05	3.34E-04	5.34E-06	1.20E-04	6.12E-03	5.67E-04	7.29E-03
921	SG_921	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6370.300	3.74E-02	7.50E-02	Not Modelled	2.00E-02	3.47E-05	2.10E-02	3.75E-03	7.49E-04	7.49E-11	3.75E-04	8.96E-06	6.60E-06	1.84E-05	6.05E-05	3.58E-04	5.72E-06	1.29E-04	6.56E-03	6.08E-04	7.82E-03
922	SG_922	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6370.300	3.88E-02	7.78E-02	Not Modelled	2.07E-02	3.59E-05	2.11E-02	3.88E-03	7.76E-04	7.76E-11	3.88E-04	9.29E-06	6.84E-06	1.90E-05	6.27E-05	3.71E-04	5.93E-06	1.34E-04	6.80E-03	6.30E-04	8.10E-03
923	SG_923	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6370.300	3.80E-02	7.62E-02	Not Modelled	2.03E-02	3.52E-05	2.02E-02	3.81E-03	7.61E-04	7.61E-11	3.81E-04	9.11E-06	6.71E-06	1.87E-05	6.15E-05	3.63E-04	5.81E-06	1.31E-04	6.66E-03	6.17E-04	7.94E-03
924	SG_924	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6370.300	3.64E-02	7.30E-02	Not Modelled	1.96E-02	3.37E-05	1.90E-02	3.65E-03	7.29E-04	7.29E-11	3.65E-04	8.72E-06	6.43E-06	1.79E-05	5.89E-05	3.48E-04	5.57E-06	1.26E-04	6.38E-03	5.92E-04	7.61E-03
925	SG_925	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6370.300	3.56E-02	7.14E-02	Not Modelled	1.92E-02	3.30E-05	1.84E-02	3.56E-03	7.13E-04	7.13E-11	3.56E-04	8.53E-06	6.28E-06	1.75E-05	5.75E-05	3.40E-04	5.44E-06	1.23E-04	6.24E-03	5.78E-04	7.44E-03
926	SG_926	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6370.300	3.42E-02	6.86E-02	Not Modelled	1.86E-02	3.17E-05	1.75E-02	3.43E-03	6.85E-04	6.85E-11	3.43E-04	8.20E-06	6.04E-06	1.68E-05	5.53E-05	3.27E-04	5.23E-06	1.18E-04	6.00E-03	5.56E-04	7.15E-03
927	SG_927	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6370.300	3.09E-02	6.19E-02	Not Modelled	1.68E-02	2.86E-05	1.54E-02	3.09E-03	6.18E-04	6.18E-11	3.09E-04	7.39E-06	5.45E-06	1.52E-05	4.99E-05	2.95E-04	4.72E-06	1.07E-04	5.41E-03	5.01E-04	6.45E-03
928	SG_928	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6370.300	2.95E-02	5.91E-02	Not Modelled	1.62E-02	2.73E-05	1.46E-02	2.95E-03	5.89E-04	5.89E-11	2.95E-04	7.05E-06	5.20E-06	1.45E-05	4.76E-05	2.81E-04	4.50E-06	1.02E-04	5.16E-03	4.78E-04	6.15E-03
929	SG_929	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6370.300	2.76E-02	5.54E-02	Not Modelled	1.53E-02	2.56E-05	1.36E-02	2.76E-03	5.52E-04	5.52E-11	2.76E-04	6.61E-06	4.87E-06	1.35E-05	4.46E-05	2.64E-04	4.22E-06	9.52E-05	4.84E-03	4.48E-04	5.77E-03
930	SG_930	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6370.300	2.65E-02	5.32E-02	Not Modelled	1.49E-02	2.45E-05	1.29E-02	2.65E-03	5.30E-04	5.30E-11	2.65E-04	6.35E-06	4.68E-06	1.30E-05	4.28E-05	2.53E-04	4.05E-06	9.14E-05	4.64E-03	4.30E-04	5.54E-03
931	SG_931	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6370.500	3.18E-02	6.38E-02	Not Modelled	2.15E-02	2.95E-05	1.67E-02	3.18E-03	6.37E-04	6.37E-11	3.18E-04	7.62E-06	5.61E-06	1.56E-05	5.14E-05	3.04E-04	4.86E-06	1.10E-04	5.57E-03	5.16E-04	6.64E-03
932	SG_932	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6370.500	3.37E-02	6.76E-02	Not Modelled	2.23E-02	3.12E-05	1.78E-02	3.37E-03	6.74E-04	6.74E-11	3.37E-04	8.07E-06	5.94E-06	1.65E-05	5.45E-05	3.22E-04	5.15E-06	1.16E-04	5.90E-03	5.47E-04	7.04E-03
933	SG_933	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6370.500	3.56E-02	7.14E-02	Not Modelled	2.30E-02	3.30E-05	1.89E-02	3.56E-03	7.13E-04	7.13E-11	3.57E-04	8.53E-06	6.28E-06	1.75E-05	5.76E-05	3.40E-04	5.44E-06	1.23E-04	6.24E-03	5.78E-04	7.44E-03
934	SG_934	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6370.500	3.78E-02	7.57E-02	Not Modelled	2.40E-02	3.50E-05	2.02E-02	3.78E-03	7.56E-04	7.56E-11	3.78E-04	9.04E-06	6.66E-06	1.85E-05	6.10E-05	3.61E-04	5.77E-06	1.30E-04	6.62E-03	6.13E-04	7.89E-03
935	SG_935	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6370.500	4.04E-02	8.11E-02	Not Modelled	2.54E-02	3.75E-05	2.21E-02	4.05E-03	8.10E-04	8.10E-11	4.05E-04	9.69E-06	7.14E-06	1.99E-05	6.54E-05	3.87E-04	6.18E-06	1.40E-04	7.09E-03	6.57E-04	8.45E-03
936	SG_936	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6370.500	4.46E-02	8.95E-02	Not Modelled	2.77E-02	4.14E-05	2.49E-02	4.47E-03	8.94E-04	8.94E-11	4.47E-04	1.07E-05	7.88E-06	2.19E-05	7.22E-05	4.27E-04	6.82E-06	1.54E-04	7.82E-03	7.25E-04	9.33E-03
937	SG_937	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6370.500	4.92E-02	9.86E-02	Not Modelled	3.02E-02	4.55E-05	2.79E-02	4.92E-03	9.84E-04	9.84E-11	4.92E-04	1.18E-05	8.67E-06	2.41E-05	7.94E-05	4.70E-04	7.51E-06	1.70E-04	8.61E-03	7.98E-04	1.03E-02
938	SG_938	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6370.500	5.29E-02	1.06E-01	Not Modelled	3.23E-02	4.90E-05	3.05E-02	5.30E-03	1.06E-03	1.06E-10	5.30E-04	1.27E-05	9.33E-06	2.60E-05	8.55E-05	5.06E-04	8.09E-06	1.83E-04	9.27E-03	8.59E-04	1.11E-02
939	SG_939	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6370.500	5.75E-02	1.15E-01	Not Modelled	3.51E-02	5.33E-05	3.38E-02	5.76E-03	1.15E-03	1.15E-10	5.76E-04	1.38E-05	1.01E-05	2.82E-05	9.30E-05	5.50E-04	8.79E-06	1.98E-04	1.01E-02	9.34E-04	1.20E-02
940	SG_940	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6370.500	5.75E-02	1.15E-01	Not Modelled	3.50E-02	5.33E-05	3.41E-02	5.76E-03	1.15E-03	1.15E-10	5.76E-04	1.38E-05	1.01E-05	2.82E-05	9.30E-05	5.50E-04	8.79E-06	1.99E-04	1.01E-02	9.34E-04	1.20E-02
949	SG_949	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6370.500	2.84E-02	5.69E-02	Not Modelled	1.59E-02	2.63E-05	1.64E-02	2.84E-03	5.68E-04	5.68E-11	2.84E-04	6.79E-06	5.00E-06	1.39E-05	4.58E-05	2.71E-04	4.34E-06	9.79E-05	4.97E-03	4.61E-04	5.93E-03
950	SG_950	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6370.500	2.94E-02	5.90E-02	Not Modelled	1.63E-02	2.72E-05	1.68E-02	2.94E-03	5.88E-04	5.88E-11	2.94E-04	7.04E-06	5.19E-06	1.44E-05	4.75E-05	2.81E-04	4.49E-06	1.01E-04	5.15E-03	4.77E-04	6.14E-03
951	SG_951	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6370.500	3.04E-02	6.09E-02	Not Modelled	1.65E-02	2.81E-05	1.69E-02	3.04E-03	6.08E-04	6.08E-11	3.04E-04	7.27E-06	5.36E-06	1.49E-05	4.91E-05	2.90E-04	4.64E-06	1.05E-04	5.32E-03	4.93E-04	6.34E-03
952	SG_952	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6370.500	3.23E-02	6.47E-02	Not Modelled	1.73E-02	2.99E-05	1.75E-02	3.23E-03	6.46E-04	6.46E-11	3.23E-04	7.73E-06	5.69E-06	1.58E-05	5.21E-05	3.08E-04	4.93E-06	1.11E-04	5.65E-03	5.24E-04	6.74E-03
953	SG_953	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6370.500	3.49E-02	7.00E-02	Not Modelled	1.86E-02	3.23E-05	1.86E-02	3.49E-03	6.98E-04	6.98E-11	3.49E-04	8.36E-06	6.16E-06	1.71E-05	5.64E-05	3.33E-04	5.33E-06	1.20E-04	6.11E-03	5.67E-04	7.29E-03
954	SG_954	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6370.500	3.56E-02	7.14E-02	Not Modelled	1.90E-02	3.30E-05	1.86E-02	3.56E-03	7.12E-04	7.12E-11	3.56E-04	8.52E-06	6.28E-06	1.75E-05	5.75E-05	3.40E-04	5.44E-06	1.23E-04	6.24E-03	5.78E-04	7.44E-03
955	SG_955	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6370.500	3.44E-02	6.89E-02	Not Modelled	1.85E-02	3.18E-05	1.75E-02	3.44E-03	6.88E-04	6.88E-11	3.44E-04	8.23E-06	6.07E-06	1.69E-05	5.56E-05	3.29E-04	5.25E-06	1.19E-04	6.02E-03	5.58E-04	7.18E-03
956	SG_956	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6370.500	3.33E-02	6.67E-02	Not Modelled	1.80E-02	3.08E-05	1.67E-02	3.33E-03	6.66E-04	6.66E-11	3.33E-04	7.97E-06	5.87E-06	1.63E-05	5.38E-05	3.18E-04	5.09E-06	1.15E-04	5.83E-03	5.40E-04	6.95E-03
957	SG_957	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6370.500	3.21E-02	6.43E-02	Not Modelled	1.74E-02	2.97E-05	1.59E-02	3.21E-03	6.42E-04	6.42E-11	3.21E-04	7.68E-06	5.66E-06	1.57E-05	5.18E-05	3.06E-04	4.90E-06	1.11E-04	5.62E-03	5.21E-04	6.70E-03
1012	SR_51	Sensitive Receptor	Commercial	Offsite	380.025	6370.050	3.73E-02	7.48E-02	Not Modelled	2.08E-02	3.45E-05	2.35E-02	3.73E-03	7.46E-04	7.46E-11	3.73E-04	8.93E-06	6.58E-06	1.83E-05	6.02E-05	3.56E-04	5.70E-06	1.29E-04	6.53E-03	6.05E-04	7.79E-03
1013	SR_52	Sensitive Receptor	Commercial	Offsite	379.877	6369.978	4.08E-02	8.19E-02	Not Modelled	2.27E-02	3.78E-05	2.59E-02	4.08E-03	8.17E-04	8.17E-11	4.09E-04	9.77E-06	7.20E-06	2.00E-05	6.60E-05	3.90E-04	6.24E-06	1.41E-04	7.15E-03	6.63E-04	8.53E-03
1014	SR_53	Sensitive Receptor	Commercial	Offsite	380.968	6368.921	7.50E-02	1.50E-01	Not Modelled	4.00E-02	6.94E-05	5.04E-02	7.50E-03	1.50E-03	1.50E-10	7.51E-04	1.80E-05	1.32E-05	3.68E-05	1.21E-04	7.16E-04	1.15E-05	2.59E-04	1.31E-02	1.22E-03	1.57E-02
1015	SR_54	Sensitive Receptor	Commercial	Offsite	381.099	6368.904	6.91E-02	1.38E-01	Not Modelled	3.72E-02	6.40E-05	4.61E-02	6.92E-03	1.38E-03	1.38E-10	6.92E-04	1.65E-05	1.22E-05	3.39E-05	1.12E-04	6.60E-04	1.06E-05	2.38E-04	1.21E-02	1.12E-03	1.44E-02
1016	SR_55	Sensitive Receptor	Commercial	Offsite	381.221	6368.883	6.52E-02	1.31E-01	Not Modelled	3.52E-02	6.04E-05	4.31E-02	6.52E-03	1.30E-03	1.30E-10	6.53E-04	1.56E-05	1.15E-05	3.20E-05	1.05E-04	6.23E-04	9.96E-06	2.25E-04	1.14E-02	1.06E-03	1.36E-02
1017	SR_56	Sensitive Receptor	Commercial	Offsite	380.947	6368.811	7.87E-02	1.58E-01	Not Modelled	4.20E-02	7.29E-05	5.39E-02	7.87E-03	1.57E-03	1.57E-10	7.88E-04	1.88E-05	1.39E-05	3.86E-05	1.27E-04	7.52E-04	1.20E-05	2.71E-04	1.38E-02	1.28E-03	1.64E-02
1018	SR_57	Sensitive Receptor	Commercial	Offsite	381.082	6368.798	7.27E-02	1.46E-01	Not Modelled	3.90E-02	6.73E-05	4.92E-02	7.27E-03	1.45E-03	1.45E-10	7.27E-04	1.74E-05	1.28E-05	3.57E-05	1.17E-04	6.94E-04	1.11E-05	2.51E-04	1.27E-02	1.18E-03	1.52E-02
1019	SR_58	Sensitive Receptor	Commercial	Offsite	381.293	6368.773	6.68E-02	1.34E-01	Not Modelled	3.54E-02	6.18E-05	4.38E-02	6.68E-03	1.34E-03	1.34E-10	6.68E-04	1.60E-05	1.18E-05	3.28E-05	1.08E-04	6.38E-04	1.02E-05	2.30E-04	1.17E-02	1.08E-03	1.39E-02
1020	SR_59	Sensitive Receptor	Commercial	Offsite	381.200	6368.219	9.37E-02	1.88E-01	Not Modelled	4.71E-02	8.67E-05	6.23E-02	9.37E-03	1.87E-03	1.87E-10	9.37E-04	2.24E-05	1.65E-05	4.60E-05	1.51E-04	8.95E-04	1.43E-05	3.23E-04	1.64E-02	1.52E-03	1.96E-02
1021	SR_60	Sensitive Receptor	Commercial	Offsite	382.315	6367.708	7.28E-02	1.46E-01	Not Modelled	3.56E-02	6.74E-05	4.18E-02	7.28E-03	1.46E-03	1.46E-10	7.28E-04	1.74E-05	1.28E-05	3.57E-05	1.18E-04	6.95E-04	1.11E-05	2.51E-04	1.27E-02	1.18E-03	1.52E-02
1022	SR_61	Sensitive Receptor	Commercial	Offsite	382.259	6367.717	7.40E-02	1.48E-01	Not Modelled	3.62E-02	6.85E-05	4.27E-02	7.40E-03	1.48E-03	1.48E-10	7.40E-04	1.77E-05	1.30E-05	3.63E-05	1.19E-04	7.07E-04	1.13E-05	2.55E-04	1.30E-02	1.20E-03	1.54E-02

AQIA DATA - SCENARIO 2 COMMERCIAL

Annual Average Pollutant Concentration (µg/m3) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**0.000**	**0.024**	**0.001**	**0.000**	**0.001**	**0.004**	**0.023**	**0.000**	**0.008**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1023	SR_62	Sensitive Receptor	Commercial	Offsite	382.229	6367.724	7.48E-02	1.50E-01	Not Modelled	3.66E-02	6.93E-05	4.34E-02	7.49E-03	1.50E-03	1.50E-10	7.49E-04	1.79E-05	1.32E-05	3.67E-05	1.21E-04	7.15E-04	1.14E-05	2.58E-04	1.31E-02	1.21E-03	1.56E-02
1024	SR_63	Sensitive Receptor	Commercial	Offsite	382.198	6367.730	7.55E-02	1.51E-01	Not Modelled	3.69E-02	6.99E-05	4.39E-02	7.55E-03	1.51E-03	1.51E-10	7.55E-04	1.81E-05	1.33E-05	3.70E-05	1.22E-04	7.21E-04	1.15E-05	2.60E-04	1.32E-02	1.23E-03	1.58E-02
1025	SR_64	Sensitive Receptor	Commercial	Offsite	382.142	6367.732	7.70E-02	1.54E-01	Not Modelled	3.76E-02	7.12E-05	4.50E-02	7.70E-03	1.54E-03	1.54E-10	7.70E-04	1.84E-05	1.36E-05	3.78E-05	1.24E-04	7.35E-04	1.18E-05	2.65E-04	1.35E-02	1.25E-03	1.61E-02
1026	SR_65	Sensitive Receptor	Commercial	Offsite	382.096	6367.715	7.94E-02	1.59E-01	Not Modelled	3.86E-02	7.35E-05	4.66E-02	7.94E-03	1.59E-03	1.59E-10	7.94E-04	1.90E-05	1.40E-05	3.89E-05	1.28E-04	7.58E-04	1.21E-05	2.74E-04	1.39E-02	1.29E-03	1.66E-02
1027	SR_66	Sensitive Receptor	Commercial	Offsite	382.059	6367.688	8.28E-02	1.66E-01	Not Modelled	4.01E-02	7.67E-05	4.88E-02	8.28E-03	1.66E-03	1.66E-10	8.29E-04	1.98E-05	1.46E-05	4.06E-05	1.34E-04	7.91E-04	1.27E-05	2.86E-04	1.45E-02	1.34E-03	1.73E-02
1028	SR_67	Sensitive Receptor	Commercial	Offsite	381.984	6367.635	9.08E-02	1.82E-01	Not Modelled	4.36E-02	8.40E-05	5.41E-02	9.08E-03	1.82E-03	1.82E-10	9.09E-04	2.17E-05	1.60E-05	4.45E-05	1.47E-04	8.67E-04	1.39E-05	3.13E-04	1.59E-02	1.47E-03	1.90E-02
1029	SR_68	Sensitive Receptor	Commercial	Offsite	381.937	6367.607	9.54E-02	1.91E-01	Not Modelled	4.56E-02	8.83E-05	5.72E-02	9.54E-03	1.91E-03	1.91E-10	9.54E-04	2.28E-05	1.68E-05	4.68E-05	1.54E-04	9.11E-04	1.46E-05	3.29E-04	1.67E-02	1.55E-03	1.99E-02
1030	SR_69	Sensitive Receptor	Commercial	Offsite	381.900	6367.578	9.88E-02	1.98E-01	Not Modelled	4.70E-02	9.15E-05	5.95E-02	9.89E-03	1.98E-03	1.98E-10	9.89E-04	2.37E-05	1.74E-05	4.85E-05	1.60E-04	9.44E-04	1.51E-05	3.41E-04	1.73E-02	1.60E-03	2.06E-02
1031	SR_70	Sensitive Receptor	Commercial	Offsite	382.308	6367.664	7.54E-02	1.51E-01	Not Modelled	3.67E-02	6.98E-05	4.33E-02	7.54E-03	1.51E-03	1.51E-10	7.54E-04	1.80E-05	1.33E-05	3.70E-05	1.22E-04	7.20E-04	1.15E-05	2.60E-04	1.32E-02	1.22E-03	1.57E-02
1032	SR_71	Sensitive Receptor	Commercial	Offsite	382.279	6367.620	7.77E-02	1.56E-01	Not Modelled	3.75E-02	7.20E-05	4.47E-02	7.78E-03	1.56E-03	1.56E-10	7.78E-04	1.86E-05	1.37E-05	3.81E-05	1.26E-04	7.42E-04	1.19E-05	2.68E-04	1.36E-02	1.26E-03	1.62E-02
1033	SR_72	Sensitive Receptor	Commercial	Offsite	382.244	6367.607	7.95E-02	1.59E-01	Not Modelled	3.83E-02	7.36E-05	4.59E-02	7.96E-03	1.59E-03	1.59E-10	7.96E-04	1.90E-05	1.40E-05	3.90E-05	1.28E-04	7.60E-04	1.21E-05	2.74E-04	1.39E-02	1.29E-03	1.66E-02
1034	SR_73	Sensitive Receptor	Commercial	Offsite	382.213	6367.622	8.01E-02	1.60E-01	Not Modelled	3.86E-02	7.42E-05	4.64E-02	8.01E-03	1.60E-03	1.60E-10	8.02E-04	1.92E-05	1.41E-05	3.93E-05	1.29E-04	7.65E-04	1.22E-05	2.76E-04	1.40E-02	1.30E-03	1.67E-02
1035	SR_74	Sensitive Receptor	Commercial	Offsite	382.187	6367.624	8.11E-02	1.62E-01	Not Modelled	3.91E-02	7.50E-05	4.71E-02	8.11E-03	1.62E-03	1.62E-10	8.11E-04	1.94E-05	1.43E-05	3.98E-05	1.31E-04	7.74E-04	1.24E-05	2.80E-04	1.42E-02	1.32E-03	1.69E-02
1036	SR_75	Sensitive Receptor	Commercial	Offsite	382.123	6367.629	8.36E-02	1.67E-01	Not Modelled	4.02E-02	7.74E-05	4.90E-02	8.36E-03	1.67E-03	1.67E-10	8.37E-04	2.00E-05	1.47E-05	4.10E-05	1.35E-04	7.99E-04	1.28E-05	2.88E-04	1.46E-02	1.36E-03	1.75E-02
1037	SR_76	Sensitive Receptor	Commercial	Offsite	382.050	6367.569	9.01E-02	1.80E-01	Not Modelled	4.29E-02	8.34E-05	5.32E-02	9.01E-03	1.80E-03	1.80E-10	9.01E-04	2.16E-05	1.59E-05	4.42E-05	1.45E-04	8.60E-04	1.38E-05	3.11E-04	1.58E-02	1.46E-03	1.88E-02
1038	SR_77	Sensitive Receptor	Commercial	Offsite	382.028	6367.547	9.31E-02	1.86E-01	Not Modelled	4.42E-02	8.61E-05	5.51E-02	9.31E-03	1.86E-03	1.86E-10	9.31E-04	2.23E-05	1.64E-05	4.57E-05	1.50E-04	8.89E-04	1.42E-05	3.21E-04	1.63E-02	1.51E-03	1.94E-02
1039	SR_78	Sensitive Receptor	Commercial	Offsite	381.920	6367.470	1.06E-01	2.13E-01	Not Modelled	4.99E-02	9.84E-05	6.37E-02	1.06E-02	2.13E-03	2.13E-10	1.06E-03	2.55E-05	1.88E-05	5.22E-05	1.72E-04	1.02E-03	1.62E-05	3.67E-04	1.86E-02	1.73E-03	2.22E-02
1040	SR_79	Sensitive Receptor	Commercial	Offsite	381.968	6367.507	9.97E-02	2.00E-01	Not Modelled	4.71E-02	9.23E-05	5.95E-02	9.97E-03	1.99E-03	1.99E-10	9.98E-04	2.39E-05	1.76E-05	4.89E-05	1.61E-04	9.52E-04	1.52E-05	3.44E-04	1.75E-02	1.62E-03	2.08E-02
1041	SR_80	Sensitive Receptor	Commercial	Offsite	381.984	6367.474	1.02E-01	2.04E-01	Not Modelled	4.79E-02	9.43E-05	6.06E-02	1.02E-02	2.04E-03	2.04E-10	1.02E-03	2.44E-05	1.80E-05	5.00E-05	1.65E-04	9.73E-04	1.56E-05	3.51E-04	1.78E-02	1.65E-03	2.13E-02
1042	SR_81	Sensitive Receptor	Commercial	Offsite	381.992	6367.443	1.04E-01	2.09E-01	Not Modelled	4.89E-02	9.67E-05	6.21E-02	1.05E-02	2.09E-03	2.09E-10	1.05E-03	2.50E-05	1.84E-05	5.13E-05	1.69E-04	9.98E-04	1.60E-05	3.60E-04	1.83E-02	1.70E-03	2.18E-02
1043	SR_82	Sensitive Receptor	Commercial	Offsite	382.087	6367.492	9.39E-02	1.88E-01	Not Modelled	4.44E-02	8.69E-05	5.52E-02	9.39E-03	1.88E-03	1.88E-10	9.40E-04	2.25E-05	1.66E-05	4.61E-05	1.52E-04	8.97E-04	1.43E-05	3.24E-04	1.64E-02	1.52E-03	1.96E-02
1044	SR_83	Sensitive Receptor	Commercial	Offsite	382.279	6367.503	8.32E-02	1.67E-01	Not Modelled	3.96E-02	7.70E-05	4.79E-02	8.33E-03	1.67E-03	1.67E-10	8.33E-04	1.99E-05	1.47E-05	4.08E-05	1.34E-04	7.95E-04	1.27E-05	2.87E-04	1.46E-02	1.35E-03	1.74E-02
1045	SR_84	Sensitive Receptor	Commercial	Offsite	382.134	6367.415	9.84E-02	1.97E-01	Not Modelled	4.62E-02	9.11E-05	5.75E-02	9.85E-03	1.97E-03	1.97E-10	9.85E-04	2.36E-05	1.74E-05	4.83E-05	1.59E-04	9.40E-04	1.50E-05	3.40E-04	1.72E-02	1.60E-03	2.06E-02
1046	SR_85	Sensitive Receptor	Commercial	Offsite	382.025	6367.371	1.09E-01	2.19E-01	Not Modelled	5.07E-02	1.01E-04	6.44E-02	1.09E-02	2.19E-03	2.19E-10	1.09E-03	2.62E-05	1.93E-05	5.36E-05	1.77E-04	1.04E-03	1.67E-05	3.77E-04	1.91E-02	1.77E-03	2.28E-02
1047	SR_86	Sensitive Receptor	Commercial	Offsite	381.984	6367.353	1.14E-01	2.29E-01	Not Modelled	5.27E-02	1.06E-04	6.75E-02	1.14E-02	2.29E-03	2.29E-10	1.14E-03	2.73E-05	2.01E-05	5.61E-05	1.85E-04	1.09E-03	1.75E-05	3.94E-04	2.00E-02	1.85E-03	2.39E-02
1048	SR_87	Sensitive Receptor	Commercial	Offsite	382.204	6367.322	1.03E-01	2.07E-01	Not Modelled	4.79E-02	9.56E-05	5.95E-02	1.03E-02	2.07E-03	2.07E-10	1.03E-03	2.47E-05	1.82E-05	5.07E-05	1.67E-04	9.87E-04	1.58E-05	3.56E-04	1.81E-02	1.68E-03	2.16E-02
1049	SR_88	Sensitive Receptor	Commercial	Offsite	382.259	6367.353	9.70E-02	1.94E-01	Not Modelled	4.53E-02	8.98E-05	5.57E-02	9.70E-03	1.94E-03	1.94E-10	9.71E-04	2.32E-05	1.71E-05	4.76E-05	1.57E-04	9.27E-04	1.48E-05	3.35E-04	1.70E-02	1.57E-03	2.03E-02
1050	SR_89	Sensitive Receptor	Commercial	Offsite	381.582	6367.234	1.78E-01	3.56E-01	Not Modelled	7.88E-02	1.65E-04	1.07E-01	1.78E-02	3.56E-03	3.56E-10	1.78E-03	4.26E-05	3.14E-05	8.72E-05	2.87E-04	1.70E-03	2.72E-05	6.13E-04	3.11E-02	2.89E-03	3.71E-02
1051	SR_90	Sensitive Receptor	Commercial	Offsite	381.478	6367.196	1.98E-01	3.95E-01	Not Modelled	8.62E-02	1.83E-04	1.19E-01	1.98E-02	3.95E-03	3.95E-10	1.98E-03	4.73E-05	3.48E-05	9.69E-05	3.19E-04	1.89E-03	3.02E-05	6.81E-04	3.46E-02	3.21E-03	4.12E-02
1052	SR_91	Sensitive Receptor	Commercial	Offsite	381.361	6367.097	2.39E-01	4.78E-01	Not Modelled	1.02E-01	2.21E-04	1.42E-01	2.39E-02	4.78E-03	4.78E-10	2.39E-03	5.72E-05	4.21E-05	1.17E-04	3.86E-04	2.28E-03	3.65E-05	8.24E-04	4.19E-02	3.88E-03	4.99E-02
1053	SR_92	Sensitive Receptor	Commercial	Offsite	381.275	6366.951	2.75E-01	5.50E-01	Not Modelled	1.14E-01	2.54E-04	1.59E-01	2.75E-02	5.50E-03	5.50E-10	2.75E-03	6.58E-05	4.85E-05	1.35E-04	4.44E-04	2.63E-03	4.20E-05	9.48E-04	4.82E-02	4.46E-03	5.74E-02
1054	SR_93	Sensitive Receptor	Commercial	Offsite	381.116	6366.837	3.09E-01	6.18E-01	Not Modelled	1.24E-01	2.86E-04	1.73E-01	3.09E-02	6.17E-03	6.17E-10	3.09E-03	7.39E-05	5.44E-05	1.51E-04	4.99E-04	2.95E-03	4.71E-05	1.06E-03	5.41E-02	5.01E-03	6.44E-02
1055	SR_94	Sensitive Receptor	Commercial	Offsite	381.094	6366.907	3.15E-01	6.30E-01	Not Modelled	1.27E-01	2.92E-04	1.81E-01	3.15E-02	6.30E-03	6.30E-10	3.15E-03	7.54E-05	5.55E-05	1.55E-04	5.09E-04	3.01E-03	4.81E-05	1.09E-03	5.52E-02	5.11E-03	6.58E-02
1056	SR_95	Sensitive Receptor	Commercial	Offsite	381.006	6366.786	3.28E-01	6.56E-01	Not Modelled	1.28E-01	3.03E-04	1.80E-01	3.28E-02	6.56E-03	6.56E-10	3.28E-03	7.85E-05	5.78E-05	1.61E-04	5.30E-04	3.13E-03	5.01E-05	1.13E-03	5.74E-02	5.32E-03	6.85E-02
1057	SR_96	Sensitive Receptor	Commercial	Offsite	380.977	6366.863	3.44E-01	6.89E-01	Not Modelled	1.36E-01	3.19E-04	1.94E-01	3.44E-02	6.89E-03	6.89E-10	3.44E-03	8.24E-05	6.07E-05	1.69E-04	5.56E-04	3.29E-03	5.26E-05	1.19E-03	6.03E-02	5.59E-03	7.19E-02
1058	SR_97	Sensitive Receptor	Commercial	Offsite	380.891	6366.784	3.57E-01	7.14E-01	Not Modelled	1.37E-01	3.30E-04	1.95E-01	3.57E-02	7.14E-03	7.14E-10	3.57E-03	8.54E-05	6.29E-05	1.75E-04	5.76E-04	3.41E-03	5.45E-05	1.23E-03	6.25E-02	5.79E-03	7.45E-02
1059	SR_98	Sensitive Receptor	Commercial	Offsite	380.805	6366.748	3.73E-01	7.46E-01	Not Modelled	1.40E-01	3.45E-04	2.00E-01	3.73E-02	7.46E-03	7.46E-10	3.73E-03	8.93E-05	6.58E-05	1.83E-04	6.03E-04	3.56E-03	5.70E-05	1.29E-03	6.53E-02	6.05E-03	7.79E-02
1060	SR_99	Sensitive Receptor	Commercial	Offsite	380.847	6366.881	3.89E-01	7.78E-01	Not Modelled	1.51E-01	3.60E-04	2.20E-01	3.89E-02	7.77E-03	7.77E-10	3.89E-03	9.30E-05	6.85E-05	1.91E-04	6.28E-04	3.71E-03	5.94E-05	1.34E-03	6.81E-02	6.31E-03	8.11E-02
1061	SR_100	Sensitive Receptor	Commercial	Offsite	380.737	6366.834	4.26E-01	8.53E-01	Not Modelled	1.61E-01	3.94E-04	2.35E-01	4.26E-02	8.53E-03	8.53E-10	4.26E-03	1.02E-04	7.52E-05	2.09E-04	6.89E-04	4.07E-03	6.51E-05	1.47E-03	7.46E-02	6.92E-03	8.90E-02
1062	SR_101	Sensitive Receptor	Commercial	Offsite	380.618	6366.790	4.52E-01	9.04E-01	Not Modelled	1.65E-01	4.18E-04	2.43E-01	4.52E-02	9.04E-03	9.04E-10	4.52E-03	1.08E-04	7.97E-05	2.22E-04	7.30E-04	4.32E-03	6.90E-05	1.56E-03	7.91E-02	7.33E-03	9.43E-02
1063	SR_102	Sensitive Receptor	Commercial	Offsite	380.624	6366.748	4.24E-01	8.49E-01	Not Modelled	1.53E-01	3.93E-04	2.24E-01	4.24E-02	8.48E-03	8.48E-10	4.24E-03	1.02E-04	7.48E-05	2.08E-04	6.85E-04	4.05E-03	6.48E-05	1.46E-03	7.43E-02	6.88E-03	8.86E-02
1064	SR_103	Sensitive Receptor	Commercial	Offsite	380.642	6366.704	3.94E-01	7.89E-01	Not Modelled	1.41E-01	3.65E-04	2.05E-01	3.94E-02	7.88E-03	7.88E-10	3.94E-03	9.43E-05	6.95E-05	1.93E-04	6.37E-04	3.77E-03	6.02E-05	1.36E-03	6.90E-02	6.40E-03	8.23E-02
1065	SR_104	Sensitive Receptor	Commercial	Offsite	380.635	6366.669	3.76E-01	7.52E-01	Not Modelled	1.34E-01	3.48E-04	1.92E-01	3.76E-02	7.52E-03	7.52E-10	3.76E-03	8.99E-05	6.63E-05	1.84E-04	6.07E-04	3.59E-03	5.74E-05	1.30E-03	6.58E-02	6.10E-03	7.84E-02
1066	SR_105	Sensitive Receptor	Commercial	Offsite	380.576	6366.501	2.82E-01	5.64E-01	Not Modelled	9.73E-02	2.61E-04	1.38E-01	2.82E-02	5.64E-03	5.64E-10	2.82E-03	6.75E-05	4.97E-05	1.38E-04	4.55E-04	2.69E-03	4.31E-05	9.72E-04	4.94E-02	4.57E-03	5.89E-02
1067	SR_106	Sensitive Receptor	Commercial	Offsite	380.668	6366.523	2.96E-01	5.93E-01	Not Modelled	1.03E-01	2.74E-04	1.45E-01	2.96E-02	5.93E-03	5.93E-10	2.96E-03	7.09E-05	5.22E-05	1.45E-04	4.79E-04	2.83E-03	4.53E-05	1.02E-03	5.19E-02	4.81E-03	6.18E-02
1068	SR_107	Sensitive Receptor	Commercial	Offsite	380.642	6366.428	2.49E-01	4.98E-01	Not Modelled	8.57E-02	2.30E-04	1.19E-01	2.49E-02	4.98E-03	4.98E-10	2.49E-03	5.95E-05	4.39E-05	1.22E-04	4.02E-04	2.38E-03	3.80E-05	8.58E-04	4.36E-02	4.04E-03	5.19E-02
1069	SR_108	Sensitive Receptor	Commercial	Offsite	380.560	6366.439	2.45E-01	4.90E-01	Not Modelled	8.45E-02	2.27E-04	1.19E-01	2.45E-02	4.90E-03	4.90E-10	2.45E-03	5.86E-05	4.32E-05	1.20E-04	3.95E-04	2.34E-03	3.74E-05	8.44E-04	4.29E-02	3.97E-03	5.11E-02
1070	SR_109	Sensitive Receptor	Commercial	Offsite	380.796	6367.033	4.32E-01	8.64E-01	Not Modelled	1.72E-01	3.99E-04	2.58E-01	4.32E-02	8.63E-03	8.63E-10	4.32E-03	1.03E-04	7.61E-05	2.12E-04	6.97E-04	4.12E-03	6.59E-05	1.49E-03	7.56E-02	7.00E-03	9.01E-02
1071	SR_110	Sensitive Receptor	Commercial	Offsite	380.770	6367.163	4.31E-01	8.61E-01	Not Modelled	1.76E-01	3.98E-04	2.69E-01	4.31E-02	8.61E-03	8.61E-10	4.31E-03	1.03E-04	7.59E-05	2.11E-04	6.95E-04	4.11E-03	6.58E-05	1.48E-03	7.54E-02	6.99E-03	8.99E-02
1072	SR_111	Sensitive Receptor	Commercial	Offsite	380.920	6367.090	3.64E-01	7.28E-01	Not Modelled	1.49E-01	3.37E-04	2.21E-01	3.64E-02	7.28E-03	7.28E-10	3.64E-03	8.71E-05	6.41E-05	1.78E-04	5.88E-04	3.47E-03	5.56E-05	1.25E-03	6.37E-02	5.90E-03	7.59E-02
1073	SR_112	Sensitive Receptor	Commercial	Offsite	380.885	6367.194	3.56E-01	7.13E-01	Not Modelled	1.48E-01	3.30E-04	2.23E-01	3.56E-02	7.13E-03	7.13E-10	3.57E-03	8.53E-05	6.28E-05	1.75E-04	5.76E-04	3.40E-03	5.44E-05	1.23E-03	6.24E-02	5.78E-03	7.44E-02
1074	SR_113	Sensitive Receptor	Commercial	Offsite	381.015	6367.123	3.21E-01	6.42E-01	Not Modelled	1.33E-01	2.97E-04	1.96E-01	3.21E-02	6.42E-03	6.42E-10	3.21E-03	7.68E-05	5.66E-05	1.57E-04	5.18E-04	3.06E-03	4.90E-05	1.11E-03	5.62E-02	5.20E-03	6.70E-02
1075	SR_114	Sensitive Receptor	Commercial	Offsite	380.973	6367.265	2.96E-01	5.92E-01	Not Modelled	1.26E-01	2.74E-04	1.87E-01	2.96E-02	5.91E-03	5.91E-10	2.96E-03	7.08E-05	5.21E-05	1.45E-04	4.78E-04	2.82E-03	4.52E-05	1.02E-03	5.18E-02	4.80E-03	6.17E-02
1076	SR_115	Sensitive Receptor	Commercial	Offsite	381.116	6367.196	2.70E-01	5.41E-01	Not Modelled	1.15E-01	2.50E-04	1.67E-01	2.70E-02	5.41E-03	5.41E-10	2.70E-03	6.47E-05	4.77E-05	1.33E-04	4.37E-04	2.58E-03	4.13E-05	9.32E-04	4.73E-02	4.39E-03	5.64E-02
1077	SR_116	Sensitive Receptor	Commercial	Offsite	381.209	6367.223	2.41E-01	4.82E-01	Not Modelled	1.04E-01	2.23E-04	1.49E-01	2.41E-02	4.82E-03	4.82E-10	2.41E-03	5.76E-05	4.25E-05	1.18E-04	3.89E-04	2.30E-03	3.68E-05	8.31E-04	4.22E-02	3.91E-03	5.03E-02
1078	SR_117	Sensitive Receptor	Commercial	Offsite	381.167	6367.318	2.23E-01	4.47E-01	Not Modelled	9.77E-02	2.07E-04	1.41E-01	2.23E-02	4.46E-03	4.46E-10	2.23E-03	5.34E-05	3.93E-05	1.09E-04	3.60E-04	2.13E-03	3.41E-05	7.70E-04	3.91E-02	3.62E-03	4.66E-02
1079	SR_118	Sensitive Receptor	Commercial	Offsite	380.620	6366.876	4.96E-01	9.93E-01	Not Modelled	1.85E-01	4.59E-04	2.76E-01	4.96E-02	9.92E-03	9.92E-10	4.96E-03	1.19E-04	8.75E-05	2.43E-04	8.01E-04	4.74E-03	7.58E-05	1.71E-03	8.69E-02	8.05E-03	1.04E-01
1083	SR_122	Sensitive Receptor	Commercial	Offsite	379.254	6368.023	4.51E-01	9.02E-01	Not Modelled	2.61E-01	4.17E-04	4.26E-01	4.51E-02	9.02E-03	9.02E-10	4.51E-03	1.08E-04	7.95E-05	2.21E-04	7.28E-04	4.30E-03	6.88E-05	1.55E-03	7.89E-02	7.31E-03	9.41E-02
1084	SR_123	Sensitive Receptor	Commercial	Offsite	379.225	6367.914	4.70E-01	9.41E-01	Not Modelled	2.75E-01	4.35E-04	4.61E-01	4.71E-02	9.41E-03	9.41E-10	4.71E-03	1.13E-04	8.29E-05	2.31E-04	7.60E-04	4.49E-03	7.18E-05	1.62E-03	8.24E-02	7.63E-03	9.82E-02
1085	SR_124	Sensitive Receptor	Commercial	Offsite	379.225	6367.808	5.80E-01	1.16E+00	Not Modelled	3.29E-01	5.37E-04	5.73E-01	5.80E-02	1.16E-02	1.16E-09	5.80E-03	1.39E-04	1.02E-04	2.85E-04	9.37E-04	5.54E-03	8.86E-05	2.00E-03	1.02E-01	9.41E-03	1.21E-01
1086	SR_125	Sensitive Receptor	Commercial	Offsite	379.141	6367.824	4.46E-01	8.91E-01	Not Modelled	2.47E-01	4.12E-04	4.25E-01	4.46E-02	8.91E-03	8.91E-10	4.46E-03	1.07E-04	7.85E-05	2.19E-04	7.20E-04	4.25E-03	6.80E-05	1.54E-03	7.80E-02	7.23E-03	9.30E-02
1087	SR_126	Sensitive Receptor	Commercial	Offsite	379.183	6367.716	6.02E-01	1.20E+00	Not Modelled	3.22E-01	5.57E-04	5.76E-01	6.02E-02	1.20E-02	1.20E-09	6.02E-03	1.44E-04	1.06E-04	2.95E-04	9.72E-04	5.75E-03	9.19E-05	2.08E-03	1.05E-01	9.77E-03	1.26E-01
1088	SR_127	Sensitive Receptor	Commercial	Offsite	379.112	6367.722	4.64E-01	9.29E-01	Not Modelled	2.45E-01	4.30E-04	4.34E-01	4.64E-02	9.29E-03	9.29E-10	4.65E-03	1.11E-04	8.19E-05	2.28E-04	7.50E-04	4.43E-03	7.09E-05	1.60E-03	8.13E-02	7.53E-03	9.69E-02
1089	SR_128	Sensitive Receptor	Commercial	Offsite	379.165	6367.610	6.08E-01	1.22E+00	Not Modelled	3.11E-01	5.63E-04	5.66E-01	6.08E-02	1.22E-02	1.22E-09	6.08E-03	1.45E-04	1.07E-04	2.98E-04	9.82E-04	5.81E-03	9.28E-05	2.10E-03	1.06E-01	9.86E-03	1.27E-01
1090	SR_129	Sensitive Receptor	Commercial	Offsite	379.059	6367.632	4.13E-01	8.26E-01	Not Modelled	2.12E-01	3.82E-04	3.79E-01	4.13E-02	8.26E-03	8.26E-10	4.13E-03	9.88E-05	7.28E-05	2.03E-04	6.67E-04	3.94E-03	6.31E-05	1.42E-03	7.23E-02	6.70E-03	8.62E-02
1091	SR_130	Sensitive Receptor	Commercial	Offsite	379.161	6367.511	5.88E-01	1.18E+00	Not Modelled	2.91E-01	5.44E-04	5.30E-01	5.88E-02	1.18E-02	1.18E-09	5.88E-03	1.41E-04	1.04E-04	2.88E-04	9.50E-04	5.61E-03	8.98E-05	2.03E-03	1.03E-01	9.54E-03	1.23E-01
1092	SR_131	Sensitive Receptor	Commercial	Offsite	379.057	6367.535	4.07E-01	8.14E-01	Not Modelled	2.03E-01	3.76E-04	3.64E-01	4.07E-02	8.13E-03	8.13E-10	4.07E-03	9.73E-05	7.17E-05	1.99E-04	6.57E-04	3.88E-03	6.21E-05	1.40E-03	7.12E-02	6.60E-03	8.49E-02
1093	SR_132	Sensitive Receptor	Commercial	Offsite	379.163	6367.411	5.67E-01	1.14E+00	Not Modelled	2.70E-01	5.25E-04	4.85E-01	5.68E-02	1.13E-02	1.13E-09	5.68E-03	1.36E-04	1.00E-04	2.78E-04	9.16E-04	5.42E-03	8.66E-05	1.96E-03	9.94E-02	9.21E-03	1.18E-01
1094	SR_133	Sensitive Receptor	Commercial	Offsite	379.073	6367.431	4.19E-01	8.39E-01	Not Modelled	2.04E-01	3.88E-04	3.65E-01	4.19E-02	8.38E-03	8.38E-10	4.19E-03	1.00E-04	7.39E-05	2.06E-04	6.77E-04	4.00E-03	6.40E-05	1.45E-03	7.34E-02	6.80E-03	8.75E-02
1095	SR_134	Sensitive Receptor	Commercial	Offsite	379.148	6367.325	5.16E-01	1.03E+00	Not Modelled	2.41E-01	4.78E-04	4.23E-01	5.16E-02	1.03E-02	1.03E-09	5.16E-03	1.23E-04	9.10E-05	2.53E-04	8.34E-04	4.93E-03	7.88E-05	1.78E-03	9.04E-02	8.38E-03	1.08E-01
1096	SR_135	Sensitive Receptor	Commercial	Offsite	378.874	6366.985	2.18E-01	4.36E-01	Not Modelled	1.07E-01	2.02E-04	1.65E-01	2.18E-02	4.36E-03	4.36E-10	2.18E-03	5.21E-05	3.84E-05	1.07E-04	3.52E-04	2.08E-03	3.32E-05	7.51E-04	3.81E-02	3.53E-03	4.55E-02
1097	SR_136	Sensitive Receptor	Commercial	Offsite	378.923	6367.045	2.52E-01	5.04E-01	Not Modelled	1.22E-01	2.33E-04	1.94E-01	2.52E-02	5.04E-03	5.04E-10	2.52E-03	6.03E-05	4.44E-05	1.24E-04	4.07E-04	2.41E-03	3.85E-05	8.68E-04	4.41E-02	4.09E-03	5.26E-02
1098	SR_137	Sensitive Receptor	Commercial	Offsite	378.989	6367.113	3.01E-01	6.03E-01	Not Modelled	1.46E-01	2.79E-04	2.37E-01	3.01E-02	6.03E-03	6.03E-10	3.01E-03	7.21E-05	5.31E-05	1.48E-04	4.87E-04	2.88E-03	4.60E-05	1.04E-03	5.28E-02	4.89E-03	6.29E-02
1099	SR_138	Sensitive Receptor	Commercial	Offsite	379.062	6367.158	3.60E-01	7.21E-01	Not Modelled	1.76E-01	3.34E-04	2.92E-01	3.60E-02	7.21E-03	7.21E-10	3.61E-03	8.62E-05	6.35E-05	1.77E-04	5.82E-04	3.44E-03	5.50E-05	1.24E-03	6.31E-02	5.85E-03	7.52E-02
1100	SR_139	Sensitive Receptor	Commercial	Offsite	378.964	6367.301	3.14E-01	6.27E-01	Not Modelled	1.47E-01	2.90E-04	2.53E-01	3.14E-02	6.27E-03	6.27E-10	3.14E-03	7.50E-05	5.53E-05	1.54E-04	5.06E-04	2.99E-03	4.79E-05	1.08E-03	5.49E-02	5.09E-03	6.54E-02
1101	SR_140	Sensitive Receptor	Commercial	Offsite	378.923	6367.354	2.82E-01	5.64E-01	Not Modelled	1.36E-01	2.61E-04	2.35E-01	2.82E-02	5.64E-03	5.64E-10	2.82E-03	6.74E-05	4.97E-05	1.38E-04	4.55E-04	2.69E-03	4.30E-05	9.72E-04	4.93E-02	4.57E-03	5.88E-02
1102	SR_141	Sensitive Receptor	Commercial	Offsite	378.792	6367.458	2.24E-01	4.49E-01	Not Modelled	1.14E-01	2.08E-04	1.96E-01	2.24E-02	4.49E-03	4.49E-10	2.24E-03	5.37E-05	3.95E-05	1.10E-04	3.62E-04	2.14E-03	3.43E-05	7.73E-04	3.93E-02	3.64E-03	4.68E-02
1103	SR_142	Sensitive Receptor	Commercial	Offsite	378.733	6367.473	2.05E-01	4.09E-01	Not Modelled	1.05E-01	1.89E-04	1.80E-01	2.05E-02	4.09E-03	4.09E-10	2.05E-03	4.90E-05	3.61E-05	1.00E-04	3.30E-04	1.95E-03	3.12E-05	7.05E-04	3.58E-02	3.32E-03	4.27E-02
1104	SR_143	Sensitive Receptor	Commercial	Offsite	378.702	6367.482	1.95E-01	3.91E-01	Not Modelled	1.01E-01	1.81E-04	1.72E-01	1.95E-02	3.90E-03	3.90E-10	1.95E-03	4.67E-05	3.44E-05	9.58E-05	3.15E-04	1.86E-03	2.98E-05	6.73E-04	3.42E-02	3.17E-03	4.08E-02
1105	SR_144	Sensitive Receptor	Commercial	Offsite	378.653	6367.502	1.80E-01	3.60E-01	Not Modelled	9.33E-02	1.67E-04	1.57E-01	1.80E-02	3.60E-03	3.60E-10	1.80E-03	4.30E-05	3.17E-05	8.82E-05	2.91E-04	1.72E-03	2.75E-05	6.20E-04	3.15E-02	2.92E-03	3.76E-02
1106	SR_145	Sensitive Receptor	Commercial	Offsite	378.569	6367.541	1.56E-01	3.12E-01	Not Modelled	8.08E-02	1.44E-04	1.34E-01	1.56E-02	3.12E-03	3.12E-10	1.56E-03	3.73E-05	2.75E-05	7.65E-05	2.52E-04	1.49E-03	2.38E-05	5.38E-04	2.73E-02	2.53E-03	3.26E-02
1107	SR_146	Sensitive Receptor	Commercial	Offsite	378.477	6367.579	1.37E-01	2.74E-01	Not Modelled	7.19E-02	1.27E-04	1.17E-01	1.37E-02	2.74E-03	2.74E-10	1.37E-03	3.28E-05	2.42E-05	6.72E-05	2.21E-04	1.31E-03	2.09E-05	4.72E-04	2.40E-02	2.22E-03	2.86E-02
1108	SR_147	Sensitive Receptor	Commercial	Offsite	378.406	6367.608	1.25E-01	2.50E-01	Not Modelled	6.61E-02	1.16E-04	1.06E-01	1.25E-02	2.50E-03	2.50E-10	1.25E-03	2.99E-05	2.20E-05	6.13E-05	2.02E-04	1.19E-03	1.91E-05	4.31E-04	2.19E-02	2.03E-03	2.61E-02
1109	SR_148	Sensitive Receptor	Commercial	Offsite	378.336	6367.614	1.15E-01	2.31E-01	Not Modelled	6.13E-02	1.07E-04	9.71E-02	1.15E-02	2.30E-03	2.30E-10	1.15E-03	2.76E-05	2.03E-05	5.65E-05	1.86E-04	1.10E-03	1.76E-05	3.97E-04	2.02E-02	1.87E-03	2.40E-02
1110	SR_149	Sensitive Receptor	Commercial	Offsite	378.241	6367.632	1.04E-01	2.08E-01	Not Modelled	5.57E-02	9.61E-05	8.66E-02	1.04E-02	2.08E-03	2.08E-10	1.04E-03	2.48E-05	1.83E-05	5.09E-05	1.68E-04	9.92E-04	1.59E-05	3.58E-04	1.82E-02	1.69E-03	2.17E-02

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 2 COMMERCIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**0.000**	**0.024**	**0.001**	**0.000**	**0.001**	**0.004**	**0.023**	**0.000**	**0.008**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1111	SR_150	Sensitive Receptor	Commercial	Offsite	378.627	6367.413	1.71E-01	3.42E-01	Not Modelled	8.66E-02	1.58E-04	1.45E-01	1.71E-02	3.42E-03	3.42E-10	1.71E-03	4.09E-05	3.01E-05	8.38E-05	2.76E-04	1.63E-03	2.61E-05	5.89E-04	2.99E-02	2.77E-03	3.56E-02
1112	SR_151	Sensitive Receptor	Commercial	Offsite	378.697	6367.402	1.90E-01	3.80E-01	Not Modelled	9.59E-02	1.76E-04	1.62E-01	1.90E-02	3.80E-03	3.80E-10	1.90E-03	4.54E-05	3.35E-05	9.31E-05	3.07E-04	1.81E-03	2.90E-05	6.54E-04	3.32E-02	3.08E-03	3.96E-02
1113	SR_152	Sensitive Receptor	Commercial	Offsite	378.761	6367.380	2.09E-01	4.18E-01	Not Modelled	1.04E-01	1.93E-04	1.77E-01	2.09E-02	4.18E-03	4.18E-10	2.09E-03	5.00E-05	3.68E-05	1.02E-04	3.37E-04	2.00E-03	3.19E-05	7.20E-04	3.66E-02	3.39E-03	4.36E-02
1114	SR_153	Sensitive Receptor	Commercial	Offsite	378.819	6367.354	2.30E-01	4.61E-01	Not Modelled	1.13E-01	2.13E-04	1.93E-01	2.30E-02	4.61E-03	4.61E-10	2.31E-03	5.51E-05	4.06E-05	1.13E-04	3.72E-04	2.20E-03	3.52E-05	7.94E-04	4.03E-02	3.74E-03	4.81E-02
1115	SR_154	Sensitive Receptor	Commercial	Offsite	378.854	6367.312	2.46E-01	4.92E-01	Not Modelled	1.18E-01	2.28E-04	2.01E-01	2.46E-02	4.92E-03	4.92E-10	2.46E-03	5.89E-05	4.34E-05	1.21E-04	3.97E-04	2.35E-03	3.76E-05	8.48E-04	4.31E-02	3.99E-03	5.14E-02
1116	SR_155	Sensitive Receptor	Commercial	Offsite	377.826	6367.113	7.22E-02	1.45E-01	Not Modelled	3.67E-02	6.68E-05	5.43E-02	7.22E-03	1.44E-03	1.44E-10	7.22E-04	1.73E-05	1.27E-05	3.54E-05	1.17E-04	6.89E-04	1.10E-05	2.49E-04	1.26E-02	1.17E-03	1.51E-02
1117	SR_156	Sensitive Receptor	Commercial	Offsite	377.870	6367.171	7.48E-02	1.50E-01	Not Modelled	3.83E-02	6.92E-05	5.73E-02	7.48E-03	1.50E-03	1.50E-10	7.48E-04	1.79E-05	1.32E-05	3.67E-05	1.21E-04	7.14E-04	1.14E-05	2.58E-04	1.31E-02	1.21E-03	1.56E-02
1118	SR_157	Sensitive Receptor	Commercial	Offsite	377.916	6367.222	7.76E-02	1.55E-01	Not Modelled	3.98E-02	7.18E-05	6.00E-02	7.76E-03	1.55E-03	1.55E-10	7.76E-04	1.86E-05	1.37E-05	3.81E-05	1.25E-04	7.41E-04	1.19E-05	2.68E-04	1.36E-02	1.26E-03	1.62E-02
1119	SR_158	Sensitive Receptor	Commercial	Offsite	377.760	6367.376	6.95E-02	1.39E-01	Not Modelled	3.60E-02	6.44E-05	5.30E-02	6.96E-03	1.39E-03	1.39E-10	6.96E-04	1.66E-05	1.23E-05	3.41E-05	1.12E-04	6.64E-04	1.06E-05	2.40E-04	1.22E-02	1.13E-03	1.45E-02
1120	SR_159	Sensitive Receptor	Commercial	Offsite	377.921	6367.349	7.83E-02	1.57E-01	Not Modelled	4.03E-02	7.25E-05	6.08E-02	7.83E-03	1.57E-03	1.57E-10	7.84E-04	1.87E-05	1.38E-05	3.84E-05	1.27E-04	7.48E-04	1.20E-05	2.70E-04	1.37E-02	1.27E-03	1.64E-02
1121	SR_160	Sensitive Receptor	Commercial	Offsite	377.993	6367.305	8.31E-02	1.66E-01	Not Modelled	4.25E-02	7.69E-05	6.49E-02	8.31E-03	1.66E-03	1.66E-10	8.31E-04	1.99E-05	1.46E-05	4.07E-05	1.34E-04	7.93E-04	1.27E-05	2.86E-04	1.45E-02	1.35E-03	1.73E-02
1122	SR_161	Sensitive Receptor	Commercial	Offsite	378.073	6367.241	8.89E-02	1.78E-01	Not Modelled	4.51E-02	8.23E-05	6.95E-02	8.89E-03	1.78E-03	1.78E-10	8.90E-04	2.13E-05	1.57E-05	4.36E-05	1.44E-04	8.49E-04	1.36E-05	3.07E-04	1.56E-02	1.44E-03	1.86E-02
1123	SR_162	Sensitive Receptor	Commercial	Offsite	378.163	6367.162	9.71E-02	1.94E-01	Not Modelled	4.81E-02	8.99E-05	7.43E-02	9.71E-03	1.94E-03	1.94E-10	9.72E-04	2.32E-05	1.71E-05	4.76E-05	1.57E-04	9.27E-04	1.48E-05	3.35E-04	1.70E-02	1.58E-03	2.03E-02
1124	SR_163	Sensitive Receptor	Commercial	Offsite	378.088	6367.753	8.98E-02	1.80E-01	Not Modelled	4.99E-02	8.31E-05	7.49E-02	8.98E-03	1.80E-03	1.80E-10	8.99E-04	2.15E-05	1.58E-05	4.41E-05	1.45E-04	8.58E-04	1.37E-05	3.10E-04	1.57E-02	1.46E-03	1.88E-02
1125	SR_164	Sensitive Receptor	Commercial	Offsite	378.256	6367.720	1.06E-01	2.13E-01	Not Modelled	5.85E-02	9.83E-05	9.07E-02	1.06E-02	2.12E-03	2.12E-10	1.06E-03	2.54E-05	1.87E-05	5.21E-05	1.72E-04	1.01E-03	1.62E-05	3.66E-04	1.86E-02	1.72E-03	2.22E-02
1126	SR_165	Sensitive Receptor	Commercial	Offsite	378.876	6367.612	2.59E-01	5.19E-01	Not Modelled	1.34E-01	2.40E-04	2.32E-01	2.59E-02	5.19E-03	5.19E-10	2.60E-03	6.21E-05	4.57E-05	1.27E-04	4.19E-04	2.48E-03	3.96E-05	8.94E-04	4.54E-02	4.21E-03	5.41E-02
1127	SR_166	Sensitive Receptor	Commercial	Offsite	378.920	6367.705	2.80E-01	5.60E-01	Not Modelled	1.46E-01	2.59E-04	2.51E-01	2.80E-02	5.59E-03	5.59E-10	2.80E-03	6.69E-05	4.93E-05	1.37E-04	4.52E-04	2.67E-03	4.27E-05	9.64E-04	4.90E-02	4.54E-03	5.84E-02
1128	SR_167	Sensitive Receptor	Commercial	Offsite	378.964	6367.793	2.96E-01	5.92E-01	Not Modelled	1.57E-01	2.74E-04	2.68E-01	2.96E-02	5.92E-03	5.92E-10	2.96E-03	7.08E-05	5.22E-05	1.45E-04	4.78E-04	2.83E-03	4.52E-05	1.02E-03	5.18E-02	4.80E-03	6.18E-02
1129	SR_168	Sensitive Receptor	Commercial	Offsite	379.099	6367.879	3.71E-01	7.42E-01	Not Modelled	2.09E-01	3.43E-04	3.53E-01	3.71E-02	7.42E-03	7.42E-10	3.71E-03	8.87E-05	6.54E-05	1.82E-04	5.99E-04	3.54E-03	5.66E-05	1.28E-03	6.49E-02	6.02E-03	7.74E-02
1130	SR_169	Sensitive Receptor	Commercial	Offsite	379.002	6367.908	2.85E-01	5.70E-01	Not Modelled	1.58E-01	2.64E-04	2.62E-01	2.85E-02	5.70E-03	5.70E-10	2.85E-03	6.82E-05	5.02E-05	1.40E-04	4.60E-04	2.72E-03	4.35E-05	9.82E-04	4.99E-02	4.62E-03	5.95E-02
1131	SR_170	Sensitive Receptor	Commercial	Offsite	379.117	6368.012	3.09E-01	6.19E-01	Not Modelled	1.82E-01	2.86E-04	2.93E-01	3.09E-02	6.19E-03	6.19E-10	3.09E-03	7.40E-05	5.45E-05	1.52E-04	4.99E-04	2.95E-03	4.72E-05	1.07E-03	5.41E-02	5.02E-03	6.46E-02
1132	SR_171	Sensitive Receptor	Commercial	Offsite	378.717	6367.632	1.94E-01	3.87E-01	Not Modelled	1.02E-01	1.79E-04	1.72E-01	1.94E-02	3.87E-03	3.87E-10	1.94E-03	4.63E-05	3.41E-05	9.50E-05	3.13E-04	1.85E-03	2.96E-05	6.68E-04	3.39E-02	3.14E-03	4.04E-02
1133	SR_172	Sensitive Receptor	Commercial	Offsite	378.746	6367.705	2.02E-01	4.03E-01	Not Modelled	1.07E-01	1.86E-04	1.80E-01	2.02E-02	4.03E-03	4.03E-10	2.02E-03	4.82E-05	3.55E-05	9.88E-05	3.25E-04	1.92E-03	3.08E-05	6.95E-04	3.53E-02	3.27E-03	4.21E-02
1134	SR_173	Sensitive Receptor	Commercial	Offsite	378.578	6367.698	1.56E-01	3.12E-01	Not Modelled	8.41E-02	1.44E-04	1.38E-01	1.56E-02	3.12E-03	3.12E-10	1.56E-03	3.73E-05	2.75E-05	7.65E-05	2.52E-04	1.49E-03	2.38E-05	5.38E-04	2.73E-02	2.53E-03	3.25E-02
1135	SR_174	Sensitive Receptor	Commercial	Offsite	379.073	6368.261	2.30E-01	4.60E-01	Not Modelled	1.34E-01	2.13E-04	2.00E-01	2.30E-02	4.59E-03	4.59E-10	2.30E-03	5.50E-05	4.05E-05	1.13E-04	3.71E-04	2.19E-03	3.51E-05	7.92E-04	4.02E-02	3.73E-03	4.79E-02
1136	SR_175	Sensitive Receptor	Commercial	Offsite	379.024	6368.166	2.16E-01	4.33E-01	Not Modelled	1.28E-01	2.00E-04	1.95E-01	2.16E-02	4.32E-03	4.32E-10	2.16E-03	5.17E-05	3.81E-05	1.06E-04	3.49E-04	2.06E-03	3.30E-05	7.45E-04	3.79E-02	3.51E-03	4.51E-02
1137	SR_176	Sensitive Receptor	Commercial	Offsite	378.984	6368.287	1.84E-01	3.69E-01	Not Modelled	1.09E-01	1.71E-04	1.59E-01	1.85E-02	3.69E-03	3.69E-10	1.85E-03	4.41E-05	3.25E-05	9.05E-05	2.98E-04	1.76E-03	2.82E-05	6.36E-04	3.23E-02	2.99E-03	3.85E-02
1138	SR_177	Sensitive Receptor	Commercial	Offsite	378.925	6368.188	1.75E-01	3.51E-01	Not Modelled	1.04E-01	1.62E-04	1.56E-01	1.75E-02	3.51E-03	3.51E-10	1.75E-03	4.20E-05	3.09E-05	8.60E-05	2.83E-04	1.67E-03	2.68E-05	6.05E-04	3.07E-02	2.85E-03	3.66E-02
1139	SR_178	Sensitive Receptor	Commercial	Offsite	378.887	6368.292	1.53E-01	3.06E-01	Not Modelled	9.15E-02	1.42E-04	1.32E-01	1.53E-02	3.06E-03	3.06E-10	1.53E-03	3.66E-05	2.70E-05	7.51E-05	2.47E-04	1.46E-03	2.34E-05	5.28E-04	2.68E-02	2.48E-03	3.19E-02
1140	SR_179	Sensitive Receptor	Commercial	Offsite	378.775	6368.195	1.46E-01	2.92E-01	Not Modelled	8.68E-02	1.35E-04	1.29E-01	1.46E-02	2.92E-03	2.92E-10	1.46E-03	3.49E-05	2.57E-05	7.16E-05	2.36E-04	1.39E-03	2.23E-05	5.03E-04	2.56E-02	2.37E-03	3.05E-02
1141	SR_180	Sensitive Receptor	Commercial	Offsite	378.772	6368.296	1.33E-01	2.65E-01	Not Modelled	8.03E-02	1.23E-04	1.15E-01	1.33E-02	2.65E-03	2.65E-10	1.33E-03	3.17E-05	2.34E-05	6.50E-05	2.14E-04	1.27E-03	2.02E-05	4.57E-04	2.32E-02	2.15E-03	2.77E-02
1142	SR_181	Sensitive Receptor	Commercial	Offsite	378.772	6368.252	1.38E-01	2.76E-01	Not Modelled	8.30E-02	1.27E-04	1.20E-01	1.38E-02	2.75E-03	2.75E-10	1.38E-03	3.30E-05	2.43E-05	6.75E-05	2.22E-04	1.32E-03	2.10E-05	4.75E-04	2.41E-02	2.23E-03	2.87E-02
1143	SR_182	Sensitive Receptor	Commercial	Offsite	378.675	6368.349	1.16E-01	2.32E-01	Not Modelled	7.12E-02	1.07E-04	9.96E-02	1.16E-02	2.32E-03	2.32E-10	1.16E-03	2.78E-05	2.05E-05	5.69E-05	1.87E-04	1.11E-03	1.77E-05	4.00E-04	2.03E-02	1.88E-03	2.42E-02
1144	SR_183	Sensitive Receptor	Commercial	Offsite	378.609	6368.340	1.11E-01	2.22E-01	Not Modelled	6.79E-02	1.03E-04	9.51E-02	1.11E-02	2.22E-03	2.22E-10	1.11E-03	2.65E-05	1.95E-05	5.44E-05	1.79E-04	1.06E-03	1.69E-05	3.82E-04	1.94E-02	1.80E-03	2.31E-02
1145	SR_184	Sensitive Receptor	Commercial	Offsite	378.629	6368.223	1.26E-01	2.51E-01	Not Modelled	7.46E-02	1.16E-04	1.09E-01	1.26E-02	2.51E-03	2.51E-10	1.26E-03	3.01E-05	2.22E-05	6.16E-05	2.03E-04	1.20E-03	1.92E-05	4.33E-04	2.20E-02	2.04E-03	2.62E-02
1146	SR_185	Sensitive Receptor	Commercial	Offsite	378.536	6368.239	1.15E-01	2.30E-01	Not Modelled	6.81E-02	1.06E-04	9.81E-02	1.15E-02	2.30E-03	2.30E-10	1.15E-03	2.75E-05	2.03E-05	5.64E-05	1.86E-04	1.10E-03	1.76E-05	3.97E-04	2.01E-02	1.87E-03	2.40E-02
1147	SR_186	Sensitive Receptor	Commercial	Offsite	378.307	6368.270	9.37E-02	1.88E-01	Not Modelled	5.47E-02	8.67E-05	7.67E-02	9.37E-03	1.87E-03	1.87E-10	9.38E-04	2.24E-05	1.65E-05	4.60E-05	1.51E-04	8.95E-04	1.43E-05	3.23E-04	1.64E-02	1.52E-03	1.96E-02
1148	SR_187	Sensitive Receptor	Commercial	Offsite	378.355	6368.316	9.40E-02	1.88E-01	Not Modelled	5.59E-02	8.70E-05	7.76E-02	9.40E-03	1.88E-03	1.88E-10	9.40E-04	2.25E-05	1.66E-05	4.61E-05	1.52E-04	8.97E-04	1.44E-05	3.24E-04	1.65E-02	1.52E-03	1.96E-02
1149	SR_188	Sensitive Receptor	Commercial	Offsite	378.424	6368.373	9.45E-02	1.89E-01	Not Modelled	5.77E-02	8.75E-05	7.92E-02	9.46E-03	1.89E-03	1.89E-10	9.46E-04	2.26E-05	1.67E-05	4.64E-05	1.53E-04	9.03E-04	1.44E-05	3.26E-04	1.66E-02	1.53E-03	1.97E-02
1150	SR_189	Sensitive Receptor	Commercial	Offsite	378.503	6368.409	9.70E-02	1.94E-01	Not Modelled	6.01E-02	8.97E-05	8.18E-02	9.70E-03	1.94E-03	1.94E-10	9.70E-04	2.32E-05	1.71E-05	4.76E-05	1.57E-04	9.26E-04	1.48E-05	3.34E-04	1.70E-02	1.57E-03	2.02E-02
1151	SR_190	Sensitive Receptor	Commercial	Offsite	378.455	6368.515	8.62E-02	1.73E-01	Not Modelled	5.41E-02	7.98E-05	7.13E-02	8.62E-03	1.72E-03	1.72E-10	8.62E-04	2.06E-05	1.52E-05	4.23E-05	1.39E-04	8.23E-04	1.32E-05	2.97E-04	1.51E-02	1.40E-03	1.80E-02
1152	SR_191	Sensitive Receptor	Commercial	Offsite	378.411	6368.488	8.55E-02	1.71E-01	Not Modelled	5.35E-02	7.91E-05	7.08E-02	8.55E-03	1.71E-03	1.71E-10	8.55E-04	2.05E-05	1.51E-05	4.19E-05	1.38E-04	8.16E-04	1.31E-05	2.95E-04	1.50E-02	1.39E-03	1.78E-02
1153	SR_192	Sensitive Receptor	Commercial	Offsite	378.336	6368.437	8.53E-02	1.71E-01	Not Modelled	5.27E-02	7.89E-05	7.05E-02	8.53E-03	1.71E-03	1.71E-10	8.53E-04	2.04E-05	1.50E-05	4.18E-05	1.38E-04	8.14E-04	1.30E-05	2.94E-04	1.49E-02	1.38E-03	1.78E-02
1154	SR_193	Sensitive Receptor	Commercial	Offsite	378.219	6368.373	8.35E-02	1.67E-01	Not Modelled	5.01E-02	7.73E-05	6.78E-02	8.35E-03	1.67E-03	1.67E-10	8.35E-04	2.00E-05	1.47E-05	4.10E-05	1.35E-04	7.97E-04	1.27E-05	2.88E-04	1.46E-02	1.35E-03	1.74E-02
1155	SR_194	Sensitive Receptor	Commercial	Offsite	378.203	6368.530	7.37E-02	1.48E-01	Not Modelled	4.60E-02	6.82E-05	5.95E-02	7.37E-03	1.47E-03	1.47E-10	7.37E-04	1.76E-05	1.30E-05	3.61E-05	1.19E-04	7.04E-04	1.13E-05	2.54E-04	1.29E-02	1.20E-03	1.54E-02
1156	SR_195	Sensitive Receptor	Commercial	Offsite	378.276	6368.579	7.36E-02	1.47E-01	Not Modelled	4.65E-02	6.82E-05	5.96E-02	7.37E-03	1.47E-03	1.47E-10	7.37E-04	1.76E-05	1.30E-05	3.61E-05	1.19E-04	7.03E-04	1.12E-05	2.54E-04	1.29E-02	1.20E-03	1.54E-02
1157	SR_196	Sensitive Receptor	Commercial	Offsite	376.753	6367.464	4.10E-02	8.21E-02	Not Modelled	2.26E-02	3.80E-05	2.88E-02	4.10E-03	8.20E-04	8.20E-11	4.10E-04	9.81E-06	7.23E-06	2.01E-05	6.62E-05	3.92E-04	6.26E-06	1.41E-04	7.18E-03	6.65E-04	8.56E-03
1158	SR_197	Sensitive Receptor	Commercial	Offsite	376.674	6367.477	3.96E-02	7.95E-02	Not Modelled	2.20E-02	3.67E-05	2.78E-02	3.97E-03	7.93E-04	7.93E-11	3.97E-04	9.49E-06	6.99E-06	1.95E-05	6.41E-05	3.79E-04	6.06E-06	1.37E-04	6.95E-03	6.44E-04	8.28E-03
1159	SR_198	Sensitive Receptor	Commercial	Offsite	376.639	6367.566	3.82E-02	7.66E-02	Not Modelled	2.14E-02	3.54E-05	2.66E-02	3.83E-03	7.65E-04	7.65E-11	3.83E-04	9.15E-06	6.74E-06	1.88E-05	6.18E-05	3.65E-04	5.84E-06	1.32E-04	6.70E-03	6.21E-04	7.99E-03
1160	SR_199	Sensitive Receptor	Commercial	Offsite	376.608	6367.650	3.71E-02	7.43E-02	Not Modelled	2.10E-02	3.43E-05	2.58E-02	3.71E-03	7.42E-04	7.42E-11	3.71E-04	8.87E-06	6.54E-06	1.82E-05	5.99E-05	3.54E-04	5.66E-06	1.28E-04	6.49E-03	6.02E-04	7.74E-03
1161	SR_200	Sensitive Receptor	Commercial	Offsite	376.614	6367.754	3.68E-02	7.38E-02	Not Modelled	2.12E-02	3.41E-05	2.58E-02	3.68E-03	7.37E-04	7.37E-11	3.68E-04	8.81E-06	6.49E-06	1.81E-05	5.95E-05	3.52E-04	5.62E-06	1.27E-04	6.45E-03	5.98E-04	7.69E-03
1162	SR_201	Sensitive Receptor	Commercial	Offsite	376.877	6367.338	4.34E-02	8.70E-02	Not Modelled	2.35E-02	4.02E-05	3.08E-02	4.35E-03	8.69E-04	8.69E-11	4.35E-04	1.04E-05	7.66E-06	2.13E-05	7.02E-05	4.15E-04	6.64E-06	1.50E-04	7.61E-03	7.05E-04	9.07E-03
1163	SR_202	Sensitive Receptor	Commercial	Offsite	376.985	6367.308	4.56E-02	9.13E-02	Not Modelled	2.45E-02	4.22E-05	3.26E-02	4.56E-03	9.12E-04	9.12E-11	4.56E-04	1.09E-05	8.04E-06	2.24E-05	7.36E-05	4.35E-04	6.96E-06	1.57E-04	7.98E-03	7.40E-04	9.52E-03
1164	SR_203	Sensitive Receptor	Commercial	Offsite	376.866	6367.131	4.25E-02	8.52E-02	Not Modelled	2.32E-02	3.94E-05	3.05E-02	4.25E-03	8.51E-04	8.51E-11	4.26E-04	1.02E-05	7.50E-06	2.09E-05	6.87E-05	4.06E-04	6.49E-06	1.47E-04	7.45E-03	6.90E-04	8.88E-03
1165	SR_204	Sensitive Receptor	Commercial	Offsite	376.963	6367.160	4.46E-02	8.94E-02	Not Modelled	2.42E-02	4.13E-05	3.22E-02	4.47E-03	8.93E-04	8.93E-11	4.47E-04	1.07E-05	7.87E-06	2.19E-05	7.21E-05	4.26E-04	6.82E-06	1.54E-04	7.82E-03	7.25E-04	9.32E-03
1166	SR_205	Sensitive Receptor	Commercial	Offsite	376.965	6367.091	4.42E-02	8.85E-02	Not Modelled	2.40E-02	4.09E-05	3.19E-02	4.42E-03	8.84E-04	8.84E-11	4.42E-04	1.06E-05	7.79E-06	2.17E-05	7.14E-05	4.22E-04	6.75E-06	1.52E-04	7.74E-03	7.17E-04	9.23E-03
1167	SR_206	Sensitive Receptor	Commercial	Offsite	377.078	6367.131	4.73E-02	9.47E-02	Not Modelled	2.55E-02	4.38E-05	3.46E-02	4.73E-03	9.46E-04	9.46E-11	4.73E-04	1.13E-05	8.34E-06	2.32E-05	7.64E-05	4.52E-04	7.22E-06	1.63E-04	8.28E-03	7.68E-04	9.87E-03
1168	SR_207	Sensitive Receptor	Commercial	Offsite	377.128	6367.228	4.85E-02	9.72E-02	Not Modelled	2.59E-02	4.49E-05	3.52E-02	4.85E-03	9.71E-04	9.71E-11	4.86E-04	1.16E-05	8.56E-06	2.38E-05	7.84E-05	4.63E-04	7.41E-06	1.67E-04	8.50E-03	7.87E-04	1.01E-02
1169	SR_208	Sensitive Receptor	Commercial	Offsite	377.223	6367.138	5.06E-02	1.01E-01	Not Modelled	2.69E-02	4.69E-05	3.71E-02	5.06E-03	1.01E-03	1.01E-10	5.07E-04	1.21E-05	8.93E-06	2.48E-05	8.18E-05	4.84E-04	7.73E-06	1.75E-04	8.87E-03	8.22E-04	1.06E-02
1170	SR_209	Sensitive Receptor	Commercial	Offsite	377.318	6367.118	5.29E-02	1.06E-01	Not Modelled	2.79E-02	4.90E-05	3.89E-02	5.29E-03	1.06E-03	1.06E-10	5.30E-04	1.27E-05	9.33E-06	2.60E-05	8.55E-05	5.05E-04	8.08E-06	1.82E-04	9.27E-03	8.59E-04	1.10E-02
1171	SR_210	Sensitive Receptor	Commercial	Offsite	377.358	6367.001	5.32E-02	1.07E-01	Not Modelled	2.76E-02	4.93E-05	3.83E-02	5.33E-03	1.07E-03	1.07E-10	5.33E-04	1.27E-05	9.39E-06	2.61E-05	8.61E-05	5.09E-04	8.14E-06	1.84E-04	9.33E-03	8.65E-04	1.11E-02
1172	SR_211	Sensitive Receptor	Commercial	Offsite	377.376	6366.884	5.47E-02	1.10E-01	Not Modelled	2.78E-02	5.07E-05	3.80E-02	5.47E-03	1.09E-03	1.09E-10	5.48E-04	1.31E-05	9.65E-06	2.68E-05	8.84E-05	5.23E-04	8.36E-06	1.89E-04	9.58E-03	8.88E-04	1.14E-02
1173	SR_212	Sensitive Receptor	Commercial	Offsite	377.407	6366.782	5.85E-02	1.17E-01	Not Modelled	2.89E-02	5.42E-05	3.91E-02	5.85E-03	1.17E-03	1.17E-10	5.86E-04	1.40E-05	1.03E-05	2.87E-05	9.45E-05	5.59E-04	8.94E-06	2.02E-04	1.02E-02	9.50E-04	1.22E-02
1174	SR_213	Sensitive Receptor	Commercial	Offsite	377.287	6366.835	5.19E-02	1.04E-01	Not Modelled	2.64E-02	4.81E-05	3.55E-02	5.20E-03	1.04E-03	1.04E-10	5.20E-04	1.24E-05	9.16E-06	2.55E-05	8.39E-05	4.96E-04	7.93E-06	1.79E-04	9.10E-03	8.43E-04	1.08E-02
1175	SR_214	Sensitive Receptor	Commercial	Offsite	377.256	6366.904	5.03E-02	1.01E-01	Not Modelled	2.60E-02	4.66E-05	3.53E-02	5.04E-03	1.01E-03	1.01E-10	5.04E-04	1.21E-05	8.88E-06	2.47E-05	8.14E-05	4.81E-04	7.69E-06	1.74E-04	8.82E-03	8.17E-04	1.05E-02
1176	SR_215	Sensitive Receptor	Commercial	Offsite	377.234	6366.996	4.97E-02	9.97E-02	Not Modelled	2.62E-02	4.61E-05	3.58E-02	4.98E-03	9.95E-04	9.95E-11	4.98E-04	1.19E-05	8.77E-06	2.44E-05	8.04E-05	4.75E-04	7.60E-06	1.72E-04	8.71E-03	8.08E-04	1.04E-02
1177	SR_216	Sensitive Receptor	Commercial	Offsite	377.144	6366.981	4.73E-02	9.48E-02	Not Modelled	2.51E-02	4.38E-05	3.39E-02	4.74E-03	9.47E-04	9.47E-11	4.74E-04	1.13E-05	8.35E-06	2.32E-05	7.65E-05	4.52E-04	7.23E-06	1.63E-04	8.29E-03	7.68E-04	9.88E-03
1178	SR_217	Sensitive Receptor	Commercial	Offsite	377.067	6366.981	4.54E-02	9.11E-02	Not Modelled	2.43E-02	4.21E-05	3.25E-02	4.55E-03	9.09E-04	9.09E-11	4.55E-04	1.09E-05	8.02E-06	2.23E-05	7.34E-05	4.34E-04	6.94E-06	1.57E-04	7.96E-03	7.38E-04	9.49E-03
1179	SR_218	Sensitive Receptor	Commercial	Offsite	377.069	6366.882	4.50E-02	9.03E-02	Not Modelled	2.37E-02	4.17E-05	3.14E-02	4.51E-03	9.02E-04	9.02E-11	4.51E-04	1.08E-05	7.95E-06	2.21E-05	7.28E-05	4.31E-04	6.89E-06	1.55E-04	7.90E-03	7.32E-04	9.41E-03
1180	SR_219	Sensitive Receptor	Commercial	Offsite	377.137	6366.767	4.76E-02	9.54E-02	Not Modelled	2.43E-02	4.41E-05	3.19E-02	4.76E-03	9.53E-04	9.53E-11	4.77E-04	1.14E-05	8.40E-06	2.34E-05	7.69E-05	4.55E-04	7.27E-06	1.64E-04	8.34E-03	7.73E-04	9.94E-03
1181	SR_220	Sensitive Receptor	Commercial	Offsite	377.042	6366.734	4.52E-02	9.08E-02	Not Modelled	2.32E-02	4.19E-05	3.00E-02	4.53E-03	9.06E-04	9.06E-11	4.53E-04	1.08E-05	7.99E-06	2.22E-05	7.32E-05	4.33E-04	6.92E-06	1.56E-04	7.93E-03	7.35E-04	9.46E-03
1182	SR_221	Sensitive Receptor	Commercial	Offsite	376.987	6366.895	4.30E-02	8.62E-02	Not Modelled	2.27E-02	3.98E-05	2.99E-02	4.30E-03	8.61E-04	8.61E-11	4.31E-04	1.03E-05	7.59E-06	2.11E-05	6.95E-05	4.11E-04	6.57E-06	1.48E-04	7.54E-03	6.98E-04	8.98E-03
1183	SR_222	Sensitive Receptor	Commercial	Offsite	376.945	6367.001	4.27E-02	8.57E-02	Not Modelled	2.30E-02	3.96E-05	3.04E-02	4.28E-03	8.55E-04	8.55E-11	4.28E-04	1.02E-05	7.54E-06	2.10E-05	6.91E-05	4.08E-04	6.53E-06	1.47E-04	7.49E-03	6.94E-04	8.93E-03
1184	SR_223	Sensitive Receptor	Commercial	Offsite	377.095	6366.597	5.01E-02	1.01E-01	Not Modelled	2.49E-02	4.65E-05	3.17E-02	5.02E-03	1.00E-03	1.00E-10	5.03E-04	1.20E-05	8.86E-06	2.46E-05	8.11E-05	4.80E-04	7.67E-06	1.73E-04	8.80E-03	8.15E-04	1.05E-02
1185	SR_224	Sensitive Receptor	Commercial	Offsite	377.243	6366.628	5.51E-02	1.11E-01	Not Modelled	2.69E-02	5.11E-05	3.49E-02	5.52E-03	1.10E-03	1.10E-10	5.52E-04	1.32E-05	9.73E-06	2.71E-05	8.91E-05	5.27E-04	8.42E-06	1.90E-04	9.66E-03	8.95E-04	1.15E-02
1186	SR_225	Sensitive Receptor	Commercial	Offsite	377.131	6366.425	5.61E-02	1.13E-01	Not Modelled	2.69E-02	5.20E-05	3.33E-02	5.62E-03	1.12E-03	1.12E-10	5.62E-04	1.34E-05	9.91E-06	2.76E-05	9.07E-05	5.36E-04	8.58E-06	1.94E-04	9.84E-03	9.12E-04	1.17E-02
1187	SR_226	Sensitive Receptor	Commercial	Offsite	377.248	6366.469	6.05E-02	1.22E-01	Not Modelled	2.89E-02	5.62E-05	3.64E-02	6.07E-03	1.21E-03	1.21E-10	6.07E-04	1.45E-05	1.07E-05	2.98E-05	9.80E-05	5.79E-04	9.26E-06	2.09E-04	1.06E-02	9.84E-04	1.27E-02
1188	SR_227	Sensitive Receptor	Commercial	Offsite	377.219	6366.182	6.12E-02	1.23E-01	Not Modelled	2.92E-02	5.67E-05	3.42E-02	6.13E-03	1.23E-03	1.23E-10	6.13E-04	1.47E-05	1.08E-05	3.01E-05	9.90E-05	5.85E-04	9.36E-06	2.11E-04	1.07E-02	9.95E-04	1.28E-02
1189	SR_228	Sensitive Receptor	Commercial	Offsite	377.285	6366.206	6.34E-02	1.27E-01	Not Modelled	3.03E-02	5.88E-05	3.57E-02	6.36E-03	1.27E-03	1.27E-10	6.36E-04	1.52E-05	1.12E-05	3.12E-05	1.03E-04	6.07E-04	9.70E-06	2.19E-04	1.11E-02	1.03E-03	1.33E-02
1190	SR_229	Sensitive Receptor	Commercial	Offsite	377.179	6366.281	5.97E-02	1.20E-01	Not Modelled	2.83E-02	5.54E-05	3.38E-02	5.98E-03	1.20E-03	1.20E-10	5.98E-04	1.43E-05	1.05E-05	2.93E-05	9.66E-05	5.71E-04	9.13E-06	2.06E-04	1.05E-02	9.70E-04	1.25E-02
1191	SR_230	Sensitive Receptor	Commercial	Offsite	377.281	6366.326	6.31E-02	1.27E-01	Not Modelled	2.97E-02	5.85E-05	3.61E-02	6.32E-03	1.26E-03	1.26E-10	6.32E-04	1.51E-05	1.11E-05	3.10E-05	1.02E-04	6.03E-04	9.65E-06	2.18E-04	1.11E-02	1.03E-03	1.32E-02
1192	SR_231	Sensitive Receptor	Commercial	Offsite	377.760	6364.849	2.44E-02	4.90E-02	Not Modelled	1.40E-02	2.26E-05	1.35E-02	2.44E-03	4.89E-04	4.89E-11	2.45E-04	5.85E-06	4.31E-06	1.20E-05	3.95E-05	2.33E-04	3.73E-06	8.42E-05	4.28E-03	3.97E-04	5.10E-03
1193	SR_232	Sensitive Receptor	Commercial	Offsite	377.693	6364.940	2.67E-02	5.37E-02	Not Modelled	1.53E-02	2.48E-05	1.49E-02	2.68E-03	5.35E-04	5.35E-11	2.68E-04	6.40E-06	4.72E-06	1.31E-05	4.32E-05	2.56E-04	4.09E-06	9.23E-05	4.69E-03	4.34E-04	5.59E-03
1194	SR_233	Sensitive Receptor	Commercial	Offsite	378.963	6368.005	2.31E-01	4.62E-01	Not Modelled	1.32E-01	2.14E-04	2.11E-01	2.31E-02	4.62E-03	4.62E-10	2.31E-03	5.53E-05	4.07E-05	1.13E-04	3.73E-04	2.21E-03	3.53E-05	7.97E-04	4.05E-02	3.75E-03	4.82E-02
1195	SR_234	Sensitive Receptor	Commercial	Offsite	378.908	6368.061	1.96E-01	3.93E-01	Not Modelled	1.13E-01	1.82E-04	1.77E-01	1.96E-02	3.93E-03	3.93E-10	1.97E-03	4.70E-05	3.46E-05	9.63E-05	3.17E-04	1.88E-03	3.00E-05	6.77E-04	3.44E-02	3.19E-03	4.10E-02

AQIA DATA - SCENARIO 2 COMMERCIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							2.370	4.730	0.000	1.320	0.002	2.520	0.237	0.047	0.000	0.024	0.001	0.000	0.001	0.004	0.023	0.000	0.008	0.414	0.038	0.494
Receptor ID of Maximum Offsite Concentration / Deposition Rate							NG_837	NG_837	#N/A	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837
Coordinates of Maximum Offsite Concentration/ Deposition Rate						X	379.464	379.464	#N/A	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464
						Y	6367.607	6367.607	#N/A	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607
1196	SR_235	Sensitive Receptor	Commercial	Offsite	378.876	6368.011	2.01E-01	4.02E-01	Not Modelled	1.13E-01	1.86E-04	1.80E-01	2.01E-02	4.02E-03	4.02E-10	2.01E-03	4.81E-05	3.54E-05	9.85E-05	3.24E-04	1.92E-03	3.07E-05	6.93E-04	3.52E-02	3.26E-03	4.19E-02
1197	SR_236	Sensitive Receptor	Commercial	Offsite	378.827	6368.073	1.76E-01	3.53E-01	Not Modelled	1.01E-01	1.63E-04	1.56E-01	1.76E-02	3.53E-03	3.53E-10	1.76E-03	4.22E-05	3.11E-05	8.65E-05	2.85E-04	1.68E-03	2.69E-05	6.08E-04	3.09E-02	2.86E-03	3.68E-02
1198	SR_237	Sensitive Receptor	Commercial	Offsite	378.885	6367.927	2.22E-01	4.44E-01	Not Modelled	1.21E-01	2.05E-04	1.97E-01	2.22E-02	4.44E-03	4.44E-10	2.22E-03	5.31E-05	3.91E-05	1.09E-04	3.59E-04	2.12E-03	3.39E-05	7.65E-04	3.89E-02	3.60E-03	4.63E-02
1199	SR_238	Sensitive Receptor	Commercial	Offsite	378.806	6367.885	2.03E-01	4.05E-01	Not Modelled	1.09E-01	1.87E-04	1.78E-01	2.03E-02	4.05E-03	4.05E-10	2.03E-03	4.85E-05	3.57E-05	9.93E-05	3.27E-04	1.93E-03	3.09E-05	6.98E-04	3.55E-02	3.29E-03	4.23E-02
1200	SR_239	Sensitive Receptor	Commercial	Offsite	378.751	6367.935	1.79E-01	3.59E-01	Not Modelled	9.69E-02	1.66E-04	1.55E-01	1.79E-02	3.59E-03	3.59E-10	1.79E-03	4.29E-05	3.16E-05	8.80E-05	2.90E-04	1.71E-03	2.74E-05	6.18E-04	3.14E-02	2.91E-03	3.74E-02
1201	SR_240	Sensitive Receptor	Commercial	Offsite	378.717	6367.969	1.68E-01	3.37E-01	Not Modelled	9.17E-02	1.56E-04	1.45E-01	1.68E-02	3.36E-03	3.36E-10	1.68E-03	4.02E-05	2.96E-05	8.25E-05	2.72E-04	1.61E-03	2.57E-05	5.80E-04	2.94E-02	2.73E-03	3.51E-02
1202	SR_241	Sensitive Receptor	Commercial	Offsite	378.680	6368.002	1.58E-01	3.17E-01	Not Modelled	8.73E-02	1.47E-04	1.37E-01	1.58E-02	3.17E-03	3.17E-10	1.58E-03	3.79E-05	2.79E-05	7.77E-05	2.56E-04	1.51E-03	2.42E-05	5.46E-04	2.77E-02	2.57E-03	3.30E-02
1203	SR_242	Sensitive Receptor	Commercial	Offsite	378.651	6368.026	1.51E-01	3.03E-01	Not Modelled	8.41E-02	1.40E-04	1.30E-01	1.51E-02	3.02E-03	3.02E-10	1.51E-03	3.62E-05	2.67E-05	7.42E-05	2.44E-04	1.44E-03	2.31E-05	5.21E-04	2.65E-02	2.45E-03	3.16E-02
1204	SR_243	Sensitive Receptor	Commercial	Offsite	378.609	6368.052	1.42E-01	2.84E-01	Not Modelled	7.92E-02	1.31E-04	1.21E-01	1.42E-02	2.83E-03	2.83E-10	1.42E-03	3.39E-05	2.50E-05	6.95E-05	2.29E-04	1.35E-03	2.16E-05	4.89E-04	2.48E-02	2.30E-03	2.96E-02
1205	SR_244	Sensitive Receptor	Commercial	Offsite	378.562	6368.079	1.32E-01	2.63E-01	Not Modelled	7.37E-02	1.22E-04	1.11E-01	1.32E-02	2.63E-03	2.63E-10	1.32E-03	3.15E-05	2.32E-05	6.46E-05	2.13E-04	1.26E-03	2.01E-05	4.54E-04	2.30E-02	2.14E-03	2.75E-02
1206	SR_245	Sensitive Receptor	Commercial	Offsite	378.522	6368.107	1.24E-01	2.48E-01	Not Modelled	6.96E-02	1.15E-04	1.04E-01	1.24E-02	2.47E-03	2.47E-10	1.24E-03	2.96E-05	2.18E-05	6.07E-05	2.00E-04	1.18E-03	1.89E-05	4.27E-04	2.17E-02	2.01E-03	2.58E-02
1207	SR_246	Sensitive Receptor	Commercial	Offsite	378.485	6368.131	1.18E-01	2.36E-01	Not Modelled	6.69E-02	1.09E-04	9.89E-02	1.18E-02	2.36E-03	2.36E-10	1.18E-03	2.82E-05	2.08E-05	5.79E-05	1.91E-04	1.13E-03	1.80E-05	4.07E-04	2.07E-02	1.91E-03	2.46E-02
1208	SR_247	Sensitive Receptor	Commercial	Offsite	378.426	6368.163	1.10E-01	2.21E-01	Not Modelled	6.30E-02	1.02E-04	9.18E-02	1.10E-02	2.21E-03	2.21E-10	1.10E-03	2.64E-05	1.94E-05	5.41E-05	1.78E-04	1.05E-03	1.68E-05	3.80E-04	1.93E-02	1.79E-03	2.30E-02
1209	SR_248	Sensitive Receptor	Commercial	Offsite	378.706	6367.825	1.78E-01	3.56E-01	Not Modelled	9.47E-02	1.65E-04	1.55E-01	1.78E-02	3.56E-03	3.56E-10	1.78E-03	4.26E-05	3.14E-05	8.72E-05	2.87E-04	1.70E-03	2.72E-05	6.13E-04	3.11E-02	2.89E-03	3.71E-02
1210	SR_249	Sensitive Receptor	Commercial	Offsite	378.648	6367.866	1.61E-01	3.22E-01	Not Modelled	8.63E-02	1.49E-04	1.39E-01	1.61E-02	3.22E-03	3.22E-10	1.61E-03	3.85E-05	2.84E-05	7.89E-05	2.60E-04	1.54E-03	2.46E-05	5.54E-04	2.82E-02	2.61E-03	3.36E-02
1211	SR_250	Sensitive Receptor	Commercial	Offsite	378.609	6367.896	1.52E-01	3.04E-01	Not Modelled	8.23E-02	1.41E-04	1.31E-01	1.52E-02	3.04E-03	3.04E-10	1.52E-03	3.63E-05	2.68E-05	7.45E-05	2.45E-04	1.45E-03	2.32E-05	5.23E-04	2.66E-02	2.46E-03	3.17E-02
1212	SR_251	Sensitive Receptor	Commercial	Offsite	378.585	6367.921	1.46E-01	2.92E-01	Not Modelled	7.93E-02	1.35E-04	1.25E-01	1.46E-02	2.91E-03	2.91E-10	1.46E-03	3.49E-05	2.57E-05	7.15E-05	2.35E-04	1.39E-03	2.23E-05	5.02E-04	2.55E-02	2.36E-03	3.04E-02
1213	SR_252	Sensitive Receptor	Commercial	Offsite	378.554	6367.945	1.39E-01	2.79E-01	Not Modelled	7.63E-02	1.29E-04	1.19E-01	1.39E-02	2.79E-03	2.79E-10	1.40E-03	3.34E-05	2.46E-05	6.84E-05	2.25E-04	1.33E-03	2.13E-05	4.81E-04	2.44E-02	2.26E-03	2.91E-02
1214	SR_253	Sensitive Receptor	Commercial	Offsite	378.502	6367.981	1.30E-01	2.59E-01	Not Modelled	7.13E-02	1.20E-04	1.10E-01	1.30E-02	2.59E-03	2.59E-10	1.30E-03	3.10E-05	2.29E-05	6.36E-05	2.09E-04	1.24E-03	1.98E-05	4.47E-04	2.27E-02	2.10E-03	2.71E-02
1215	SR_254	Sensitive Receptor	Commercial	Offsite	378.422	6367.937	1.20E-01	2.41E-01	Not Modelled	6.64E-02	1.11E-04	1.02E-01	1.20E-02	2.41E-03	2.41E-10	1.20E-03	2.88E-05	2.12E-05	5.91E-05	1.94E-04	1.15E-03	1.84E-05	4.15E-04	2.11E-02	1.95E-03	2.51E-02
1216	SR_255	Sensitive Receptor	Commercial	Offsite	378.460	6367.909	1.27E-01	2.54E-01	Not Modelled	6.95E-02	1.17E-04	1.08E-01	1.27E-02	2.53E-03	2.53E-10	1.27E-03	3.03E-05	2.23E-05	6.22E-05	2.05E-04	1.21E-03	1.94E-05	4.37E-04	2.22E-02	2.06E-03	2.65E-02
1217	SR_256	Sensitive Receptor	Commercial	Offsite	378.501	6367.879	1.33E-01	2.67E-01	Not Modelled	7.28E-02	1.24E-04	1.14E-01	1.33E-02	2.67E-03	2.67E-10	1.34E-03	3.19E-05	2.35E-05	6.55E-05	2.16E-04	1.27E-03	2.04E-05	4.60E-04	2.34E-02	2.17E-03	2.79E-02
1218	SR_257	Sensitive Receptor	Commercial	Offsite	378.536	6367.846	1.41E-01	2.82E-01	Not Modelled	7.67E-02	1.31E-04	1.22E-01	1.41E-02	2.82E-03	2.82E-10	1.41E-03	3.38E-05	2.49E-05	6.92E-05	2.28E-04	1.35E-03	2.15E-05	4.86E-04	2.47E-02	2.29E-03	2.94E-02
1219	SR_258	Sensitive Receptor	Commercial	Offsite	378.569	6367.806	1.49E-01	2.99E-01	Not Modelled	8.10E-02	1.38E-04	1.30E-01	1.49E-02	2.99E-03	2.99E-10	1.49E-03	3.57E-05	2.63E-05	7.32E-05	2.41E-04	1.43E-03	2.28E-05	5.15E-04	2.61E-02	2.42E-03	3.12E-02
1220	SR_259	Sensitive Receptor	Commercial	Offsite	378.637	6367.804	1.64E-01	3.27E-01	Not Modelled	8.80E-02	1.51E-04	1.43E-01	1.64E-02	3.27E-03	3.27E-10	1.64E-03	3.91E-05	2.88E-05	8.02E-05	2.64E-04	1.56E-03	2.50E-05	5.64E-04	2.86E-02	2.65E-03	3.41E-02
1221	SR_260	Sensitive Receptor	Commercial	Offsite	378.485	6367.804	1.34E-01	2.69E-01	Not Modelled	7.34E-02	1.24E-04	1.17E-01	1.34E-02	2.69E-03	2.69E-10	1.35E-03	3.22E-05	2.37E-05	6.59E-05	2.17E-04	1.28E-03	2.05E-05	4.64E-04	2.35E-02	2.18E-03	2.81E-02
1222	SR_261	Sensitive Receptor	Commercial	Offsite	378.452	6367.770	1.31E-01	2.63E-01	Not Modelled	7.20E-02	1.21E-04	1.14E-01	1.31E-02	2.62E-03	2.62E-10	1.31E-03	3.14E-05	2.31E-05	6.44E-05	2.12E-04	1.25E-03	2.00E-05	4.53E-04	2.30E-02	2.13E-03	2.74E-02
1223	SR_262	Sensitive Receptor	Commercial	Offsite	378.397	6367.821	1.21E-01	2.42E-01	Not Modelled	6.67E-02	1.12E-04	1.04E-01	1.21E-02	2.42E-03	2.42E-10	1.21E-03	2.90E-05	2.14E-05	5.94E-05	1.96E-04	1.16E-03	1.85E-05	4.18E-04	2.12E-02	1.97E-03	2.53E-02
1224	SR_263	Sensitive Receptor	Commercial	Offsite	378.331	6367.882	1.11E-01	2.22E-01	Not Modelled	6.12E-02	1.02E-04	9.38E-02	1.11E-02	2.21E-03	2.21E-10	1.11E-03	2.65E-05	1.95E-05	5.43E-05	1.79E-04	1.06E-03	1.69E-05	3.82E-04	1.94E-02	1.80E-03	2.31E-02
1225	SR_264	Sensitive Receptor	Commercial	Offsite	378.242	6368.021	9.86E-02	1.97E-01	Not Modelled	5.52E-02	9.12E-05	8.14E-02	9.86E-03	1.97E-03	1.97E-10	9.86E-04	2.36E-05	1.74E-05	4.83E-05	1.59E-04	9.41E-04	1.51E-05	3.40E-04	1.73E-02	1.60E-03	2.06E-02
1226	SR_265	Sensitive Receptor	Commercial	Offsite	378.195	6368.099	9.30E-02	1.86E-01	Not Modelled	5.26E-02	8.61E-05	7.58E-02	9.30E-03	1.86E-03	1.86E-10	9.30E-04	2.23E-05	1.64E-05	4.56E-05	1.50E-04	8.88E-04	1.42E-05	3.21E-04	1.63E-02	1.51E-03	1.94E-02
1227	SR_266	Sensitive Receptor	Commercial	Offsite	378.346	6368.095	1.05E-01	2.11E-01	Not Modelled	5.92E-02	9.76E-05	8.69E-02	1.05E-02	2.11E-03	2.11E-10	1.06E-03	2.52E-05	1.86E-05	5.17E-05	1.70E-04	1.01E-03	1.61E-05	3.64E-04	1.85E-02	1.71E-03	2.20E-02
1228	SR_267	Sensitive Receptor	Commercial	Offsite	377.340	6365.871	5.69E-02	1.14E-01	Not Modelled	2.91E-02	5.28E-05	3.19E-02	5.70E-03	1.14E-03	1.14E-10	5.70E-04	1.36E-05	1.00E-05	2.80E-05	9.21E-05	5.44E-04	8.70E-06	1.96E-04	9.98E-03	9.25E-04	1.19E-02
1229	SR_268	Sensitive Receptor	Commercial	Offsite	377.340	6365.806	5.49E-02	1.10E-01	Not Modelled	2.85E-02	5.10E-05	3.08E-02	5.51E-03	1.10E-03	1.10E-10	5.51E-04	1.32E-05	9.70E-06	2.70E-05	8.89E-05	5.26E-04	8.40E-06	1.90E-04	9.64E-03	8.93E-04	1.15E-02
1230	SR_269	Sensitive Receptor	Commercial	Offsite	379.950	6370.344	3.05E-02	6.11E-02	Not Modelled	1.70E-02	2.82E-05	1.80E-02	3.05E-03	6.10E-04	6.10E-11	3.05E-04	7.29E-06	5.37E-06	1.50E-05	4.92E-05	2.91E-04	4.65E-06	1.05E-04	5.34E-03	4.95E-04	6.36E-03
1231	SR_270	Sensitive Receptor	Commercial	Offsite	376.746	6366.522	4.30E-02	8.63E-02	Not Modelled	2.21E-02	3.99E-05	2.71E-02	4.31E-03	8.62E-04	8.62E-11	4.31E-04	1.03E-05	7.60E-06	2.11E-05	6.96E-05	4.11E-04	6.58E-06	1.49E-04	7.54E-03	6.99E-04	8.99E-03
1327	NG_23	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.607	1.12E-01	2.25E-01	Not Modelled	4.64E-02	1.04E-04	7.45E-02	1.12E-02	2.25E-03	2.25E-10	1.12E-03	2.69E-05	1.98E-05	5.52E-05	1.82E-04	1.07E-03	1.72E-05	3.88E-04	1.97E-02	1.82E-03	2.35E-02
1328	NG_24	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.607	1.23E-01	2.46E-01	Not Modelled	4.99E-02	1.14E-04	8.00E-02	1.23E-02	2.46E-03	2.46E-10	1.23E-03	2.94E-05	2.17E-05	6.03E-05	1.99E-04	1.17E-03	1.88E-05	4.24E-04	2.15E-02	2.00E-03	2.57E-02
1329	NG_25	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.607	1.34E-01	2.69E-01	Not Modelled	5.37E-02	1.24E-04	8.59E-02	1.34E-02	2.68E-03	2.68E-10	1.34E-03	3.21E-05	2.37E-05	6.58E-05	2.17E-04	1.28E-03	2.05E-05	4.63E-04	2.35E-02	2.18E-03	2.80E-02
1330	NG_26	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.607	1.46E-01	2.92E-01	Not Modelled	5.79E-02	1.35E-04	9.20E-02	1.46E-02	2.92E-03	2.92E-10	1.46E-03	3.50E-05	2.57E-05	7.16E-05	2.36E-04	1.39E-03	2.23E-05	5.04E-04	2.56E-02	2.37E-03	3.05E-02
1331	NG_27	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.607	1.57E-01	3.15E-01	Not Modelled	6.17E-02	1.46E-04	9.74E-02	1.57E-02	3.15E-03	3.15E-10	1.57E-03	3.77E-05	2.77E-05	7.72E-05	2.54E-04	1.50E-03	2.40E-05	5.43E-04	2.76E-02	2.55E-03	3.29E-02
1332	NG_28	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.607	1.69E-01	3.39E-01	Not Modelled	6.55E-02	1.57E-04	1.03E-01	1.69E-02	3.38E-03	3.38E-10	1.69E-03	4.05E-05	2.98E-05	8.30E-05	2.73E-04	1.62E-03	2.58E-05	5.84E-04	2.96E-02	2.75E-03	3.53E-02
1333	NG_29	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.607	1.84E-01	3.67E-01	Not Modelled	7.01E-02	1.70E-04	1.09E-01	1.84E-02	3.67E-03	3.67E-10	1.84E-03	4.39E-05	3.24E-05	9.01E-05	2.97E-04	1.75E-03	2.80E-05	6.33E-04	3.22E-02	2.98E-03	3.83E-02
1334	NG_30	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.607	2.00E-01	4.01E-01	Not Modelled	7.53E-02	1.85E-04	1.16E-01	2.00E-02	4.00E-03	4.00E-10	2.00E-03	4.79E-05	3.53E-05	9.82E-05	3.23E-04	1.91E-03	3.06E-05	6.90E-04	3.51E-02	3.25E-03	4.18E-02
1335	NG_31	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.607	2.18E-01	4.37E-01	Not Modelled	8.07E-02	2.02E-04	1.23E-01	2.18E-02	4.36E-03	4.36E-10	2.18E-03	5.22E-05	3.85E-05	1.07E-04	3.52E-04	2.08E-03	3.33E-05	7.53E-04	3.82E-02	3.54E-03	4.55E-02
1336	NG_32	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.607	2.37E-01	4.74E-01	Not Modelled	8.62E-02	2.19E-04	1.31E-01	2.37E-02	4.74E-03	4.74E-10	2.37E-03	5.67E-05	4.18E-05	1.16E-04	3.83E-04	2.26E-03	3.62E-05	8.17E-04	4.15E-02	3.84E-03	4.95E-02
1337	NG_33	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.607	2.58E-01	5.15E-01	Not Modelled	9.23E-02	2.38E-04	1.39E-01	2.58E-02	5.15E-03	5.15E-10	2.58E-03	6.16E-05	4.54E-05	1.26E-04	4.16E-04	2.46E-03	3.93E-05	8.88E-04	4.51E-02	4.18E-03	5.38E-02
1338	NG_34	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.607	2.79E-01	5.58E-01	Not Modelled	9.86E-02	2.58E-04	1.47E-01	2.79E-02	5.58E-03	5.58E-10	2.79E-03	6.67E-05	4.91E-05	1.37E-04	4.50E-04	2.66E-03	4.26E-05	9.61E-04	4.88E-02	4.52E-03	5.82E-02
1339	NG_35	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.607	2.98E-01	5.95E-01	Not Modelled	1.04E-01	2.75E-04	1.54E-01	2.98E-02	5.95E-03	5.95E-10	2.98E-03	7.12E-05	5.25E-05	1.46E-04	4.81E-04	2.84E-03	4.54E-05	1.03E-03	5.21E-02	4.83E-03	6.21E-02
1340	NG_36	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.607	3.15E-01	6.29E-01	Not Modelled	1.09E-01	2.91E-04	1.61E-01	3.15E-02	6.29E-03	6.29E-10	3.15E-03	7.53E-05	5.55E-05	1.54E-04	5.08E-04	3.00E-03	4.80E-05	1.08E-03	5.51E-02	5.10E-03	6.57E-02
1341	NG_37	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.607	3.29E-01	6.58E-01	Not Modelled	1.14E-01	3.05E-04	1.66E-01	3.29E-02	6.58E-03	6.58E-10	3.29E-03	7.88E-05	5.80E-05	1.61E-04	5.32E-04	3.14E-03	5.03E-05	1.14E-03	5.76E-02	5.34E-03	6.87E-02
1342	NG_38	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.607	3.38E-01	6.76E-01	Not Modelled	1.17E-01	3.13E-04	1.70E-01	3.38E-02	6.76E-03	6.76E-10	3.38E-03	8.09E-05	5.96E-05	1.66E-04	5.46E-04	3.23E-03	5.16E-05	1.17E-03	5.92E-02	5.48E-03	7.05E-02
1343	NG_39	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.607	3.43E-01	6.87E-01	Not Modelled	1.19E-01	3.18E-04	1.72E-01	3.43E-02	6.86E-03	6.86E-10	3.43E-03	8.21E-05	6.05E-05	1.68E-04	5.54E-04	3.28E-03	5.24E-05	1.18E-03	6.01E-02	5.57E-03	7.16E-02
1344	NG_40	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.607	3.43E-01	6.86E-01	Not Modelled	1.20E-01	3.17E-04	1.71E-01	3.43E-02	6.85E-03	6.85E-10	3.43E-03	8.20E-05	6.04E-05	1.68E-04	5.53E-04	3.27E-03	5.23E-05	1.18E-03	6.00E-02	5.56E-03	7.15E-02
1345	NG_41	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.607	3.41E-01	6.82E-01	Not Modelled	1.20E-01	3.15E-04	1.71E-01	3.41E-02	6.82E-03	6.82E-10	3.41E-03	8.16E-05	6.01E-05	1.67E-04	5.51E-04	3.26E-03	5.21E-05	1.18E-03	5.97E-02	5.53E-03	7.12E-02
1366	NG_62	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.657	1.04E-01	2.09E-01	Not Modelled	4.49E-02	9.65E-05	7.30E-02	1.04E-02	2.08E-03	2.08E-10	1.04E-03	2.49E-05	1.84E-05	5.11E-05	1.68E-04	9.96E-04	1.59E-05	3.59E-04	1.83E-02	1.69E-03	2.18E-02
1367	NG_63	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.657	1.17E-01	2.34E-01	Not Modelled	4.93E-02	1.08E-04	8.02E-02	1.17E-02	2.34E-03	2.34E-10	1.17E-03	2.80E-05	2.06E-05	5.74E-05	1.89E-04	1.12E-03	1.79E-05	4.03E-04	2.05E-02	1.90E-03	2.44E-02
1368	NG_64	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.657	1.28E-01	2.56E-01	Not Modelled	5.28E-02	1.18E-04	8.59E-02	1.28E-02	2.56E-03	2.56E-10	1.28E-03	3.06E-05	2.25E-05	6.27E-05	2.07E-04	1.22E-03	1.95E-05	4.41E-04	2.24E-02	2.08E-03	2.67E-02
1369	NG_65	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.657	1.39E-01	2.78E-01	Not Modelled	5.63E-02	1.28E-04	9.13E-02	1.39E-02	2.77E-03	2.77E-10	1.39E-03	3.32E-05	2.45E-05	6.81E-05	2.24E-04	1.33E-03	2.12E-05	4.78E-04	2.43E-02	2.25E-03	2.90E-02
1370	NG_66	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.657	1.52E-01	3.04E-01	Not Modelled	6.09E-02	1.41E-04	9.84E-02	1.52E-02	3.04E-03	3.04E-10	1.52E-03	3.64E-05	2.68E-05	7.46E-05	2.46E-04	1.45E-03	2.32E-05	5.25E-04	2.66E-02	2.47E-03	3.17E-02
1371	NG_67	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.657	1.66E-01	3.32E-01	Not Modelled	6.57E-02	1.54E-04	1.06E-01	1.66E-02	3.32E-03	3.32E-10	1.66E-03	3.97E-05	2.93E-05	8.14E-05	2.68E-04	1.59E-03	2.54E-05	5.72E-04	2.91E-02	2.69E-03	3.46E-02
1372	NG_68	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.657	1.77E-01	3.55E-01	Not Modelled	6.94E-02	1.64E-04	1.11E-01	1.78E-02	3.55E-03	3.55E-10	1.78E-03	4.25E-05	3.13E-05	8.71E-05	2.87E-04	1.70E-03	2.71E-05	6.12E-04	3.11E-02	2.88E-03	3.71E-02
1373	NG_69	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.657	1.91E-01	3.82E-01	Not Modelled	7.36E-02	1.77E-04	1.16E-01	1.91E-02	3.82E-03	3.82E-10	1.91E-03	4.57E-05	3.37E-05	9.37E-05	3.08E-04	1.82E-03	2.92E-05	6.58E-04	3.34E-02	3.10E-03	3.99E-02
1374	NG_70	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.657	2.08E-01	4.17E-01	Not Modelled	7.91E-02	1.93E-04	1.24E-01	2.08E-02	4.17E-03	4.17E-10	2.08E-03	4.99E-05	3.67E-05	1.02E-04	3.37E-04	1.99E-03	3.18E-05	7.19E-04	3.65E-02	3.38E-03	4.35E-02
1375	NG_71	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.657	2.28E-01	4.57E-01	Not Modelled	8.52E-02	2.11E-04	1.33E-01	2.28E-02	4.56E-03	4.56E-10	2.28E-03	5.46E-05	4.02E-05	1.12E-04	3.68E-04	2.18E-03	3.48E-05	7.87E-04	3.99E-02	3.70E-03	4.76E-02
1376	NG_72	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.657	2.49E-01	4.98E-01	Not Modelled	9.13E-02	2.30E-04	1.41E-01	2.49E-02	4.98E-03	4.98E-10	2.49E-03	5.96E-05	4.39E-05	1.22E-04	4.02E-04	2.38E-03	3.80E-05	8.59E-04	4.36E-02	4.04E-03	5.20E-02
1377	NG_73	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.657	2.73E-01	5.46E-01	Not Modelled	9.85E-02	2.53E-04	1.51E-01	2.73E-02	5.46E-03	5.46E-10	2.73E-03	6.54E-05	4.82E-05	1.34E-04	4.41E-04	2.61E-03	4.17E-05	9.42E-04	4.78E-02	4.43E-03	5.70E-02
1378	NG_74	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.657	2.97E-01	5.94E-01	Not Modelled	1.06E-01	2.75E-04	1.60E-01	2.97E-02	5.94E-03	5.94E-10	2.97E-03	7.10E-05	5.23E-05	1.46E-04	4.79E-04	2.83E-03	4.53E-05	1.02E-03	5.20E-02	4.82E-03	6.20E-02
1379	NG_75	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.657	3.19E-01	6.38E-01	Not Modelled	1.12E-01	2.95E-04	1.69E-01	3.19E-02	6.38E-03	6.38E-10	3.19E-03	7.63E-05	5.62E-05	1.56E-04	5.15E-04	3.05E-03	4.87E-05	1.10E-03	5.59E-02	5.18E-03	6.66E-02
1380	NG_76	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.657	3.38E-01	6.77E-01	Not Modelled	1.18E-01	3.13E-04	1.76E-01	3.38E-02	6.76E-03	6.76E-10	3.38E-03	8.09E-05	5.96E-05	1.66E-04	5.46E-04	3.23E-03	5.16E-05	1.17E-03	5.92E-02	5.49E-03	7.06E-02
1381	NG_77	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.657	3.56E-01	7.12E-01	Not Modelled	1.24E-01	3.30E-04	1.83E-01	3.56E-02	7.12E-03	7.12E-10	3.56E-03	8.52E-05	6.28E-05	1.75E-04	5.75E-04	3.40E-03	5.44E-05	1.23E-03	6.24E-02	5.78E-03	7.43E-02
1382	NG_78	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.657	3.67E-01	7.35E-01	Not Modelled	1.28E-01	3.40E-04	1.88E-01	3.67E-02	7.35E-03	7.35E-10	3.68E-03	8.79E-05	6.48E-05	1.80E-04	5.93E-04	3.51E-03	5.61E-05	1.27E-03	6.43E-02	5.96E-03	7.67E-02
1383	NG_79	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.657	3.76E-01	7.53E-01	Not Modelled	1.31E-01	3.48E-04	1.92E-01	3.76E-02	7.53E-03	7.53E-10	3.76E-03	9.00E-05	6.63E-05	1.85E-04	6.08E-04	3.59E-03	5.75E-05	1.30E-03	6.59E-02	6.10E-03	7.85E-02
1384	NG_80	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.657	3.78E-01	7.57E-01	Not Modelled	1.33E-01	3.50E-04	1.93E-01	3.78E-02	7.56E-03	7.56E-10	3.78E-03	9.05E-05	6.67E-05	1.86E-04	6.11E-04	3.61E-03	5.78E-05	1.30E-03	6.62E-02	6.14E-03	7.89E-02
1385	NG_81	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.657	3.72E-01	7.44E-01	Not Modelled	1.31E-01	3.44E-04	1.89E-01	3.72E-02	7.43E-03	7.43E-10	3.72E-03	8.89E-05	6.55E-05	1.82E-04	6.00E-04	3.55E-03	5.68E-05	1.28E-03	6.51E-02	6.03E-03	7.76E-02
1386	NG_82	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.657	3.66E-01	7.33E-01	Not Modelled	1.31E-01	3.39E-04	1.87E-01	3.66E-02	7.32E-03	7.32E-10	3.66E-03	8.76E-05	6.45E-05	1.80E-04	5.91E-04	3.50E-03	5.59E-05	1.26E-03	6.41E-02	5.94E-03	7.64E-02
1392	NG_88	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.707	1.16E-01	2.33E-01	Not Modelled	6.18E-02	1.08E-04	9.02E-02	1.17E-02	2.33E-03	2.33E-10	1.17E-03	2.79E-05	2.05E-05	5.71E-05	1.88E-04	1.11E-03	1.78E-05	4.02E-04	2.04E-02	1.89E-03	2.43E-02
1402	NG_98	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.707	8.79E-02	1.76E-01	Not Modelled	4.29E-02	8.14E-05	6.88E-02	8.80E-03	1.76E-03	1.76E-10	8.80E-04	2.10E-05	1.55E-05	4.31E-05	1.42E-04	8.40E-04	1.34E-05	3.03E-04	1.54E-02	1.43E-03	1.84E-02
1403	NG_99	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.707	8.91E-02	1.78E-01	Not Modelled	4.27E-02	8.25E-05	6.90E-02	8.91E-03	1.78E-03	1.78E-10	8.91E-04	2.13E-05	1.57E-05	4.37E-05	1.44E-04	8.51E-04	1.36E-05	3.07E-04	1.56E-02	1.45E-03	1.86E-02
1404	NG_100	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.707	9.12E-02	1.83E-01	Not Modelled	4.27E-02	8.44E-05	6.95E-02	9.12E-03	1.82E-03	1.82E-10	9.13E-04	2.18E-05	1.61E-05	4.47E-05	1.47E-04	8.71E-04	1.39E-05	3.15E-04	1.60E-02	1.48E-03	1.90E-02
1405	NG_101	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.707	9.59E-02	1.92E-01	Not Modelled	4.37E-02	8.87E-05	7.14E-02	9.59E-03	1.92E-03	1.92E-10	9.59E-04	2.29E-05	1.69E-05	4.70E-05	1.55E-04	9.16E-04	1.46E-05	3.31E-04	1.68E-02	1.56E-03	2.00E-02
1406	NG_102	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.707	1.05E-01	2.10E-01	Not Modelled	4.64E-02	9.69E-05	7.61E-02	1.05E-02	2.10E-03	2.10E-10	1.05E-03	2.51E-05	1.85E-05	5.14E-05	1.69E-04	1.00E-03	1.60E-05	3.61E-04	1.83E-02	1.70E-03	2.19E-02
1407	NG_103	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.707	1.16E-01	2.33E-01	Not Modelled	5.01E-02	1.08E-04	8.25E-02	1.16E-02	2.33E-03	2.33E-10	1.16E-03	2.78E-05	2.05E-05	5.70E-05	1.88E-04	1.11E-03	1.78E-05	4.01E-04	2.04E-02	1.89E-03	2.43E-02
1408	NG_104	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.707	1.30E-01	2.61E-01	Not Modelled	5.49E-02	1.21E-04	9.05E-02	1.30E-02	2.61E-03	2.61E-10	1.30E-03	3.12E-05	2.30E-05	6.39E-05	2.10E-04	1.24E-03	1.99E-05	4.49E-04	2.28E-02	2.11E-03	2.72E-02
1409	NG_105	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.707	1.44E-01	2.87E-01	Not Modelled	5.92E-02	1.33E-04	9.75E-02	1.44E-02	2.87E-03	2.87E-10	1.44E-03	3.43E-05	2.53E-05	7.04E-05	2.32E-04	1.37E-03	2.19E-05	4.95E-04	2.51E-02	2.33E-03	3.00E-02

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 2 COMMERCIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**0.000**	**0.024**	**0.001**	**0.000**	**0.001**	**0.004**	**0.023**	**0.000**	**0.008**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1410	NG_106	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.707	1.57E-01	3.14E-01	Not Modelled	6.37E-02	1.45E-04	1.05E-01	1.57E-02	3.14E-03	3.14E-10	1.57E-03	3.76E-05	2.77E-05	7.71E-05	2.54E-04	1.50E-03	2.40E-05	5.42E-04	2.75E-02	2.55E-03	3.28E-02
1411	NG_107	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.707	1.71E-01	3.42E-01	Not Modelled	6.84E-02	1.58E-04	1.12E-01	1.71E-02	3.42E-03	3.42E-10	1.71E-03	4.09E-05	3.02E-05	8.39E-05	2.76E-04	1.63E-03	2.61E-05	5.90E-04	2.99E-02	2.77E-03	3.57E-02
1412	NG_108	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.707	1.87E-01	3.75E-01	Not Modelled	7.40E-02	1.73E-04	1.20E-01	1.87E-02	3.74E-03	3.74E-10	1.87E-03	4.48E-05	3.30E-05	9.18E-05	3.02E-04	1.79E-03	2.86E-05	6.46E-04	3.28E-02	3.04E-03	3.91E-02
1413	NG_109	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.707	2.01E-01	4.03E-01	Not Modelled	7.85E-02	1.86E-04	1.26E-01	2.01E-02	4.03E-03	4.03E-10	2.01E-03	4.82E-05	3.55E-05	9.88E-05	3.25E-04	1.92E-03	3.08E-05	6.94E-04	3.53E-02	3.27E-03	4.20E-02
1414	NG_110	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.707	2.17E-01	4.35E-01	Not Modelled	8.33E-02	2.01E-04	1.33E-01	2.17E-02	4.35E-03	4.35E-10	2.17E-03	5.20E-05	3.83E-05	1.07E-04	3.51E-04	2.08E-03	3.32E-05	7.49E-04	3.80E-02	3.52E-03	4.54E-02
1415	NG_111	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.707	2.37E-01	4.74E-01	Not Modelled	8.92E-02	2.19E-04	1.41E-01	2.37E-02	4.74E-03	4.74E-10	2.37E-03	5.67E-05	4.18E-05	1.16E-04	3.83E-04	2.26E-03	3.62E-05	8.17E-04	4.15E-02	3.84E-03	4.95E-02
1416	NG_112	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.707	2.60E-01	5.21E-01	Not Modelled	9.63E-02	2.41E-04	1.51E-01	2.60E-02	5.21E-03	5.21E-10	2.61E-03	6.23E-05	4.59E-05	1.28E-04	4.21E-04	2.49E-03	3.98E-05	8.98E-04	4.56E-02	4.23E-03	5.44E-02
1417	NG_113	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.707	2.86E-01	5.72E-01	Not Modelled	1.04E-01	2.65E-04	1.61E-01	2.86E-02	5.72E-03	5.72E-10	2.86E-03	6.84E-05	5.04E-05	1.40E-04	4.62E-04	2.73E-03	4.37E-05	9.86E-04	5.01E-02	4.64E-03	5.97E-02
1418	NG_114	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.707	3.14E-01	6.29E-01	Not Modelled	1.12E-01	2.91E-04	1.73E-01	3.14E-02	6.28E-03	6.28E-10	3.14E-03	7.52E-05	5.54E-05	1.54E-04	5.07E-04	3.00E-03	4.80E-05	1.08E-03	5.50E-02	5.10E-03	6.56E-02
1419	NG_115	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.707	3.42E-01	6.84E-01	Not Modelled	1.21E-01	3.16E-04	1.84E-01	3.42E-02	6.84E-03	6.84E-10	3.42E-03	8.18E-05	6.02E-05	1.68E-04	5.52E-04	3.26E-03	5.22E-05	1.18E-03	5.98E-02	5.54E-03	7.13E-02
1420	NG_116	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.707	3.64E-01	7.29E-01	Not Modelled	1.28E-01	3.37E-04	1.93E-01	3.64E-02	7.29E-03	7.29E-10	3.65E-03	8.72E-05	6.42E-05	1.79E-04	5.89E-04	3.48E-03	5.57E-05	1.26E-03	6.38E-02	5.91E-03	7.61E-02
1421	NG_117	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.707	3.84E-01	7.69E-01	Not Modelled	1.34E-01	3.55E-04	2.02E-01	3.84E-02	7.68E-03	7.68E-10	3.84E-03	9.19E-05	6.77E-05	1.88E-04	6.20E-04	3.67E-03	5.87E-05	1.32E-03	6.73E-02	6.23E-03	8.02E-02
1422	NG_118	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.707	4.00E-01	8.00E-01	Not Modelled	1.39E-01	3.70E-04	2.08E-01	4.00E-02	8.00E-03	8.00E-10	4.00E-03	9.57E-05	7.05E-05	1.96E-04	6.46E-04	3.82E-03	6.11E-05	1.38E-03	7.00E-02	6.49E-03	8.35E-02
1423	NG_119	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.707	4.07E-01	8.15E-01	Not Modelled	1.42E-01	3.77E-04	2.11E-01	4.07E-02	8.15E-03	8.15E-10	4.08E-03	9.75E-05	7.18E-05	2.00E-04	6.58E-04	3.89E-03	6.22E-05	1.40E-03	7.13E-02	6.61E-03	8.50E-02
1424	NG_120	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.707	4.13E-01	8.25E-01	Not Modelled	1.45E-01	3.82E-04	2.14E-01	4.13E-02	8.25E-03	8.25E-10	4.13E-03	9.87E-05	7.27E-05	2.02E-04	6.66E-04	3.94E-03	6.30E-05	1.42E-03	7.22E-02	6.69E-03	8.61E-02
1425	NG_121	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.707	4.13E-01	8.25E-01	Not Modelled	1.46E-01	3.82E-04	2.14E-01	4.13E-02	8.25E-03	8.25E-10	4.13E-03	9.87E-05	7.27E-05	2.02E-04	6.66E-04	3.94E-03	6.30E-05	1.42E-03	7.22E-02	6.69E-03	8.61E-02
1426	NG_122	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.707	4.02E-01	8.05E-01	Not Modelled	1.44E-01	3.72E-04	2.09E-01	4.02E-02	8.05E-03	8.05E-10	4.02E-03	9.63E-05	7.09E-05	1.97E-04	6.50E-04	3.84E-03	6.14E-05	1.39E-03	7.04E-02	6.53E-03	8.40E-02
1427	NG_123	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.707	3.89E-01	7.78E-01	Not Modelled	1.40E-01	3.60E-04	2.02E-01	3.89E-02	7.78E-03	7.78E-10	3.89E-03	9.31E-05	6.86E-05	1.91E-04	6.28E-04	3.72E-03	5.94E-05	1.34E-03	6.81E-02	6.31E-03	8.12E-02
1433	NG_129	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.757	1.31E-01	2.62E-01	Not Modelled	6.90E-02	1.21E-04	1.02E-01	1.31E-02	2.61E-03	2.61E-10	1.31E-03	3.13E-05	2.30E-05	6.41E-05	2.11E-04	1.25E-03	2.00E-05	4.51E-04	2.29E-02	2.12E-03	2.73E-02
1434	NG_130	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.757	1.27E-01	2.54E-01	Not Modelled	6.71E-02	1.17E-04	9.97E-02	1.27E-02	2.54E-03	2.54E-10	1.27E-03	3.03E-05	2.24E-05	6.22E-05	2.05E-04	1.21E-03	1.94E-05	4.37E-04	2.22E-02	2.06E-03	2.65E-02
1435	NG_131	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.757	1.22E-01	2.44E-01	Not Modelled	6.44E-02	1.13E-04	9.64E-02	1.22E-02	2.44E-03	2.44E-10	1.22E-03	2.92E-05	2.15E-05	5.98E-05	1.97E-04	1.16E-03	1.86E-05	4.20E-04	2.14E-02	1.98E-03	2.55E-02
1436	NG_132	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.757	1.18E-01	2.35E-01	Not Modelled	6.20E-02	1.09E-04	9.35E-02	1.18E-02	2.35E-03	2.35E-10	1.18E-03	2.81E-05	2.07E-05	5.77E-05	1.90E-04	1.12E-03	1.80E-05	4.05E-04	2.06E-02	1.91E-03	2.46E-02
1437	NG_133	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.757	1.13E-01	2.27E-01	Not Modelled	5.94E-02	1.05E-04	9.05E-02	1.13E-02	2.27E-03	2.27E-10	1.13E-03	2.71E-05	2.00E-05	5.56E-05	1.83E-04	1.08E-03	1.73E-05	3.91E-04	1.98E-02	1.84E-03	2.37E-02
1442	NG_138	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.757	9.83E-02	1.97E-01	Not Modelled	4.88E-02	9.10E-05	7.82E-02	9.83E-03	1.97E-03	1.97E-10	9.83E-04	2.35E-05	1.73E-05	4.82E-05	1.59E-04	9.39E-04	1.50E-05	3.39E-04	1.72E-02	1.59E-03	2.05E-02
1443	NG_139	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.757	9.70E-02	1.94E-01	Not Modelled	4.74E-02	8.98E-05	7.67E-02	9.70E-03	1.94E-03	1.94E-10	9.71E-04	2.32E-05	1.71E-05	4.76E-05	1.57E-04	9.27E-04	1.48E-05	3.35E-04	1.70E-02	1.57E-03	2.03E-02
1444	NG_140	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.757	9.76E-02	1.95E-01	Not Modelled	4.68E-02	9.04E-05	7.64E-02	9.77E-03	1.95E-03	1.95E-10	9.77E-04	2.34E-05	1.72E-05	4.79E-05	1.58E-04	9.33E-04	1.49E-05	3.37E-04	1.71E-02	1.58E-03	2.04E-02
1445	NG_141	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.757	9.99E-02	2.00E-01	Not Modelled	4.67E-02	9.24E-05	7.69E-02	9.99E-03	2.00E-03	2.00E-10	9.99E-04	2.39E-05	1.76E-05	4.90E-05	1.61E-04	9.54E-04	1.53E-05	3.44E-04	1.75E-02	1.62E-03	2.09E-02
1446	NG_142	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.757	1.05E-01	2.10E-01	Not Modelled	4.78E-02	9.72E-05	7.90E-02	1.05E-02	2.10E-03	2.10E-10	1.05E-03	2.51E-05	1.85E-05	5.15E-05	1.70E-04	1.00E-03	1.60E-05	3.62E-04	1.84E-02	1.70E-03	2.19E-02
1447	NG_143	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.757	1.15E-01	2.30E-01	Not Modelled	5.09E-02	1.07E-04	8.45E-02	1.15E-02	2.30E-03	2.30E-10	1.15E-03	2.76E-05	2.03E-05	5.65E-05	1.86E-04	1.10E-03	1.76E-05	3.97E-04	2.02E-02	1.87E-03	2.40E-02
1448	NG_144	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.757	1.29E-01	2.58E-01	Not Modelled	5.54E-02	1.19E-04	9.22E-02	1.29E-02	2.57E-03	2.57E-10	1.29E-03	3.08E-05	2.27E-05	6.31E-05	2.08E-04	1.23E-03	1.97E-05	4.44E-04	2.25E-02	2.09E-03	2.69E-02
1449	NG_145	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.757	1.44E-01	2.88E-01	Not Modelled	6.04E-02	1.33E-04	1.01E-01	1.44E-02	2.87E-03	2.87E-10	1.44E-03	3.44E-05	2.53E-05	7.05E-05	2.32E-04	1.37E-03	2.19E-05	4.96E-04	2.52E-02	2.33E-03	3.00E-02
1450	NG_146	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.757	1.59E-01	3.18E-01	Not Modelled	6.55E-02	1.47E-04	1.09E-01	1.59E-02	3.18E-03	3.18E-10	1.59E-03	3.80E-05	2.80E-05	7.80E-05	2.57E-04	1.52E-03	2.43E-05	5.48E-04	2.78E-02	2.58E-03	3.32E-02
1451	NG_147	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.757	1.75E-01	3.51E-01	Not Modelled	7.10E-02	1.62E-04	1.18E-01	1.75E-02	3.50E-03	3.50E-10	1.75E-03	4.19E-05	3.09E-05	8.60E-05	2.83E-04	1.67E-03	2.68E-05	6.04E-04	3.07E-02	2.84E-03	3.66E-02
1452	NG_148	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.757	1.92E-01	3.84E-01	Not Modelled	7.67E-02	1.78E-04	1.26E-01	1.92E-02	3.84E-03	3.84E-10	1.92E-03	4.59E-05	3.38E-05	9.41E-05	3.10E-04	1.83E-03	2.93E-05	6.62E-04	3.36E-02	3.11E-03	4.01E-02
1453	NG_149	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.757	2.09E-01	4.19E-01	Not Modelled	8.25E-02	1.94E-04	1.35E-01	2.09E-02	4.19E-03	4.19E-10	2.10E-03	5.01E-05	3.69E-05	1.03E-04	3.38E-04	2.00E-03	3.20E-05	7.22E-04	3.67E-02	3.40E-03	4.37E-02
1454	NG_150	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.757	2.28E-01	4.56E-01	Not Modelled	8.84E-02	2.11E-04	1.43E-01	2.28E-02	4.56E-03	4.56E-10	2.28E-03	5.46E-05	4.02E-05	1.12E-04	3.68E-04	2.18E-03	3.48E-05	7.86E-04	3.99E-02	3.70E-03	4.76E-02
1455	NG_151	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.757	2.49E-01	4.98E-01	Not Modelled	9.47E-02	2.30E-04	1.52E-01	2.49E-02	4.98E-03	4.98E-10	2.49E-03	5.96E-05	4.39E-05	1.22E-04	4.02E-04	2.38E-03	3.80E-05	8.58E-04	4.36E-02	4.04E-03	5.20E-02
1456	NG_152	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.757	2.73E-01	5.47E-01	Not Modelled	1.02E-01	2.53E-04	1.62E-01	2.73E-02	5.47E-03	5.47E-10	2.74E-03	6.54E-05	4.82E-05	1.34E-04	4.42E-04	2.61E-03	4.18E-05	9.43E-04	4.79E-02	4.44E-03	5.71E-02
1457	NG_153	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.757	3.01E-01	6.03E-01	Not Modelled	1.10E-01	2.79E-04	1.74E-01	3.01E-02	6.02E-03	6.02E-10	3.01E-03	7.21E-05	5.31E-05	1.48E-04	4.86E-04	2.88E-03	4.60E-05	1.04E-03	5.27E-02	4.89E-03	6.29E-02
1458	NG_154	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.757	3.30E-01	6.59E-01	Not Modelled	1.18E-01	3.05E-04	1.85E-01	3.30E-02	6.59E-03	6.59E-10	3.30E-03	7.89E-05	5.81E-05	1.62E-04	5.32E-04	3.15E-03	5.03E-05	1.14E-03	5.77E-02	5.35E-03	6.88E-02
1459	NG_155	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.757	3.61E-01	7.22E-01	Not Modelled	1.28E-01	3.34E-04	1.99E-01	3.61E-02	7.22E-03	7.22E-10	3.61E-03	8.64E-05	6.37E-05	1.77E-04	5.83E-04	3.45E-03	5.52E-05	1.25E-03	6.32E-02	5.86E-03	7.54E-02
1460	NG_156	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.757	3.91E-01	7.82E-01	Not Modelled	1.37E-01	3.62E-04	2.12E-01	3.91E-02	7.82E-03	7.82E-10	3.91E-03	9.36E-05	6.89E-05	1.92E-04	6.32E-04	3.74E-03	5.97E-05	1.35E-03	6.85E-02	6.35E-03	8.16E-02
1461	NG_157	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.757	4.16E-01	8.32E-01	Not Modelled	1.46E-01	3.85E-04	2.22E-01	4.16E-02	8.32E-03	8.32E-10	4.16E-03	9.96E-05	7.34E-05	2.04E-04	6.72E-04	3.97E-03	6.35E-05	1.43E-03	7.29E-02	6.75E-03	8.69E-02
1462	NG_158	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.757	4.35E-01	8.70E-01	Not Modelled	1.52E-01	4.02E-04	2.31E-01	4.35E-02	8.69E-03	8.69E-10	4.35E-03	1.04E-04	7.66E-05	2.13E-04	7.02E-04	4.15E-03	6.64E-05	1.50E-03	7.61E-02	7.05E-03	9.07E-02
1463	NG_159	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.757	4.47E-01	8.95E-01	Not Modelled	1.57E-01	4.14E-04	2.37E-01	4.47E-02	8.95E-03	8.95E-10	4.48E-03	1.07E-04	7.89E-05	2.19E-04	7.23E-04	4.27E-03	6.83E-05	1.54E-03	7.83E-02	7.26E-03	9.34E-02
1464	NG_160	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.757	4.51E-01	9.02E-01	Not Modelled	1.59E-01	4.17E-04	2.38E-01	4.51E-02	9.01E-03	9.01E-10	4.51E-03	1.08E-04	7.94E-05	2.21E-04	7.28E-04	4.30E-03	6.88E-05	1.55E-03	7.89E-02	7.31E-03	9.41E-02
1465	NG_161	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.757	4.50E-01	9.01E-01	Not Modelled	1.60E-01	4.17E-04	2.38E-01	4.51E-02	9.01E-03	9.01E-10	4.51E-03	1.08E-04	7.94E-05	2.21E-04	7.28E-04	4.30E-03	6.88E-05	1.55E-03	7.89E-02	7.31E-03	9.40E-02
1466	NG_162	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.757	4.47E-01	8.93E-01	Not Modelled	1.60E-01	4.13E-04	2.36E-01	4.47E-02	8.93E-03	8.93E-10	4.47E-03	1.07E-04	7.87E-05	2.19E-04	7.21E-04	4.26E-03	6.82E-05	1.54E-03	7.82E-02	7.24E-03	9.32E-02
1467	NG_163	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.757	4.33E-01	8.66E-01	Not Modelled	1.56E-01	4.00E-04	2.29E-01	4.33E-02	8.65E-03	8.65E-10	4.33E-03	1.04E-04	7.63E-05	2.12E-04	6.99E-04	4.13E-03	6.61E-05	1.49E-03	7.58E-02	7.02E-03	9.03E-02
1468	NG_164	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.757	4.16E-01	8.33E-01	Not Modelled	1.52E-01	3.85E-04	2.21E-01	4.16E-02	8.33E-03	8.33E-10	4.16E-03	9.96E-05	7.34E-05	2.04E-04	6.72E-04	3.98E-03	6.36E-05	1.44E-03	7.29E-02	6.75E-03	8.69E-02
1473	NG_169	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.807	1.51E-01	3.02E-01	Not Modelled	7.83E-02	1.40E-04	1.16E-01	1.51E-02	3.01E-03	3.01E-10	1.51E-03	3.61E-05	2.66E-05	7.39E-05	2.43E-04	1.44E-03	2.30E-05	5.19E-04	2.64E-02	2.45E-03	3.15E-02
1474	NG_170	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.807	1.47E-01	2.93E-01	Not Modelled	7.67E-02	1.36E-04	1.14E-01	1.47E-02	2.93E-03	2.93E-10	1.47E-03	3.51E-05	2.58E-05	7.19E-05	2.37E-04	1.40E-03	2.24E-05	5.05E-04	2.57E-02	2.38E-03	3.06E-02
1475	NG_171	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.807	1.42E-01	2.85E-01	Not Modelled	7.48E-02	1.32E-04	1.12E-01	1.42E-02	2.84E-03	2.84E-10	1.42E-03	3.40E-05	2.51E-05	6.97E-05	2.30E-04	1.36E-03	2.17E-05	4.90E-04	2.49E-02	2.31E-03	2.97E-02
1476	NG_172	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.807	1.39E-01	2.77E-01	Not Modelled	7.32E-02	1.28E-04	1.11E-01	1.39E-02	2.77E-03	2.77E-10	1.39E-03	3.31E-05	2.44E-05	6.79E-05	2.24E-04	1.32E-03	2.11E-05	4.77E-04	2.43E-02	2.25E-03	2.89E-02
1477	NG_173	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.807	1.34E-01	2.68E-01	Not Modelled	7.06E-02	1.24E-04	1.08E-01	1.34E-02	2.67E-03	2.67E-10	1.34E-03	3.20E-05	2.36E-05	6.56E-05	2.16E-04	1.28E-03	2.04E-05	4.61E-04	2.34E-02	2.17E-03	2.79E-02
1478	NG_174	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.807	1.29E-01	2.59E-01	Not Modelled	6.80E-02	1.20E-04	1.05E-01	1.29E-02	2.58E-03	2.58E-10	1.29E-03	3.09E-05	2.28E-05	6.34E-05	2.09E-04	1.23E-03	1.97E-05	4.45E-04	2.26E-02	2.10E-03	2.70E-02
1482	NG_178	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.807	1.14E-01	2.29E-01	Not Modelled	5.80E-02	1.06E-04	9.30E-02	1.15E-02	2.29E-03	2.29E-10	1.15E-03	2.74E-05	2.02E-05	5.62E-05	1.85E-04	1.09E-03	1.75E-05	3.95E-04	2.00E-02	1.86E-03	2.39E-02
1483	NG_179	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.807	1.11E-01	2.22E-01	Not Modelled	5.52E-02	1.02E-04	8.94E-02	1.11E-02	2.21E-03	2.21E-10	1.11E-03	2.65E-05	1.95E-05	5.43E-05	1.79E-04	1.06E-03	1.69E-05	3.82E-04	1.94E-02	1.80E-03	2.31E-02
1484	NG_180	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.807	1.09E-01	2.18E-01	Not Modelled	5.34E-02	1.01E-04	8.75E-02	1.09E-02	2.18E-03	2.18E-10	1.09E-03	2.61E-05	1.92E-05	5.35E-05	1.76E-04	1.04E-03	1.66E-05	3.76E-04	1.91E-02	1.77E-03	2.27E-02
1485	NG_181	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.807	1.09E-01	2.18E-01	Not Modelled	5.23E-02	1.01E-04	8.64E-02	1.09E-02	2.18E-03	2.18E-10	1.09E-03	2.60E-05	1.92E-05	5.34E-05	1.76E-04	1.04E-03	1.66E-05	3.75E-04	1.91E-02	1.77E-03	2.27E-02
1486	NG_182	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.807	1.12E-01	2.24E-01	Not Modelled	5.24E-02	1.03E-04	8.73E-02	1.12E-02	2.23E-03	2.23E-10	1.12E-03	2.67E-05	1.97E-05	5.48E-05	1.80E-04	1.07E-03	1.71E-05	3.85E-04	1.96E-02	1.81E-03	2.33E-02
1487	NG_183	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.807	1.18E-01	2.36E-01	Not Modelled	5.38E-02	1.09E-04	9.01E-02	1.18E-02	2.36E-03	2.36E-10	1.18E-03	2.82E-05	2.08E-05	5.79E-05	1.90E-04	1.13E-03	1.80E-05	4.07E-04	2.07E-02	1.91E-03	2.46E-02
1488	NG_184	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.807	1.29E-01	2.58E-01	Not Modelled	5.71E-02	1.19E-04	9.60E-02	1.29E-02	2.58E-03	2.58E-10	1.29E-03	3.09E-05	2.27E-05	6.33E-05	2.08E-04	1.23E-03	1.97E-05	4.45E-04	2.26E-02	2.09E-03	2.69E-02
1489	NG_185	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.807	1.45E-01	2.89E-01	Not Modelled	6.22E-02	1.34E-04	1.05E-01	1.45E-02	2.89E-03	2.89E-10	1.45E-03	3.46E-05	2.55E-05	7.09E-05	2.34E-04	1.38E-03	2.21E-05	4.99E-04	2.53E-02	2.35E-03	3.02E-02
1490	NG_186	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.807	1.63E-01	3.26E-01	Not Modelled	6.86E-02	1.51E-04	1.16E-01	1.63E-02	3.26E-03	3.26E-10	1.63E-03	3.90E-05	2.87E-05	8.00E-05	2.63E-04	1.56E-03	2.49E-05	5.62E-04	2.86E-02	2.65E-03	3.40E-02
1491	NG_187	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.807	1.81E-01	3.62E-01	Not Modelled	7.46E-02	1.68E-04	1.26E-01	1.81E-02	3.62E-03	3.62E-10	1.81E-03	4.33E-05	3.19E-05	8.88E-05	2.92E-04	1.73E-03	2.77E-05	6.24E-04	3.17E-02	2.94E-03	3.78E-02
1492	NG_188	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.807	1.97E-01	3.95E-01	Not Modelled	7.99E-02	1.83E-04	1.34E-01	1.97E-02	3.95E-03	3.95E-10	1.97E-03	4.72E-05	3.48E-05	9.68E-05	3.19E-04	1.89E-03	3.02E-05	6.81E-04	3.46E-02	3.20E-03	4.12E-02
1493	NG_189	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.807	2.16E-01	4.32E-01	Not Modelled	8.60E-02	2.00E-04	1.43E-01	2.16E-02	4.32E-03	4.32E-10	2.16E-03	5.17E-05	3.81E-05	1.06E-04	3.49E-04	2.06E-03	3.30E-05	7.44E-04	3.78E-02	3.50E-03	4.51E-02
1494	NG_190	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.807	2.37E-01	4.74E-01	Not Modelled	9.31E-02	2.19E-04	1.54E-01	2.37E-02	4.74E-03	4.74E-10	2.37E-03	5.67E-05	4.18E-05	1.16E-04	3.83E-04	2.26E-03	3.62E-05	8.17E-04	4.15E-02	3.84E-03	4.95E-02
1495	NG_191	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.807	2.62E-01	5.25E-01	Not Modelled	1.01E-01	2.43E-04	1.66E-01	2.62E-02	5.25E-03	5.25E-10	2.62E-03	6.28E-05	4.62E-05	1.29E-04	4.24E-04	2.51E-03	4.01E-05	9.05E-04	4.59E-02	4.26E-03	5.48E-02
1496	NG_192	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.807	2.89E-01	5.78E-01	Not Modelled	1.09E-01	2.67E-04	1.77E-01	2.89E-02	5.77E-03	5.77E-10	2.89E-03	6.91E-05	5.09E-05	1.42E-04	4.66E-04	2.76E-03	4.41E-05	9.95E-04	5.05E-02	4.68E-03	6.02E-02
1497	NG_193	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.807	3.19E-01	6.38E-01	Not Modelled	1.18E-01	2.95E-04	1.89E-01	3.19E-02	6.37E-03	6.37E-10	3.19E-03	7.63E-05	5.62E-05	1.56E-04	5.15E-04	3.04E-03	4.87E-05	1.10E-03	5.58E-02	5.17E-03	6.65E-02
1498	NG_194	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.807	3.51E-01	7.02E-01	Not Modelled	1.27E-01	3.25E-04	2.02E-01	3.51E-02	7.02E-03	7.02E-10	3.51E-03	8.40E-05	6.19E-05	1.72E-04	5.67E-04	3.35E-03	5.36E-05	1.21E-03	6.15E-02	5.69E-03	7.33E-02
1499	NG_195	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.807	3.85E-01	7.71E-01	Not Modelled	1.37E-01	3.56E-04	2.16E-01	3.85E-02	7.70E-03	7.70E-10	3.85E-03	9.22E-05	6.79E-05	1.89E-04	6.22E-04	3.68E-03	5.88E-05	1.33E-03	6.74E-02	6.25E-03	8.04E-02
1500	NG_196	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.807	4.20E-01	8.41E-01	Not Modelled	1.48E-01	3.89E-04	2.31E-01	4.20E-02	8.40E-03	8.40E-10	4.20E-03	1.01E-04	7.41E-05	2.06E-04	6.79E-04	4.01E-03	6.42E-05	1.45E-03	7.36E-02	6.82E-03	8.77E-02
1501	NG_197	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.807	4.51E-01	9.03E-01	Not Modelled	1.58E-01	4.17E-04	2.46E-01	4.51E-02	9.02E-03	9.02E-10	4.51E-03	1.08E-04	7.95E-05	2.21E-04	7.29E-04	4.31E-03	6.89E-05	1.56E-03	7.90E-02	7.32E-03	9.42E-02
1502	NG_198	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.807	4.75E-01	9.50E-01	Not Modelled	1.67E-01	4.39E-04	2.57E-01	4.75E-02	9.49E-03	9.49E-10	4.75E-03	1.14E-04	8.37E-05	2.33E-04	7.67E-04	4.53E-03	7.25E-05	1.64E-03	8.31E-02	7.70E-03	9.91E-02
1503	NG_199	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.807	4.92E-01	9.83E-01	Not Modelled	1.73E-01	4.55E-04	2.65E-01	4.92E-02	9.83E-03	9.83E-10	4.92E-03	1.18E-04	8.66E-05	2.41E-04	7.94E-04	4.69E-03	7.51E-05	1.69E-03	8.61E-02	7.97E-03	1.03E-01
1504	NG_200	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.807	5.01E-01	1.00E+00	Not Modelled	1.78E-01	4.63E-04	2.70E-01	5.01E-02	1.00E-02	1.00E-09	5.01E-03	1.20E-04	8.83E-05	2.46E-04	8.09E-04	4.78E-03	7.65E-05	1.73E-03	8.77E-02	8.13E-03	1.05E-01
1505	NG_201	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.807	5.04E-01	1.01E+00	Not Modelled	1.80E-01	4.66E-04	2.72E-01	5.04E-02	1.01E-02	1.01E-09	5.04E-03	1.21E-04	8.88E-05	2.47E-04	8.13E-04	4.81E-03	7.69E-05	1.74E-03	8.82E-02	8.17E-03	1.05E-01
1506	NG_202	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.807	4.97E-01	9.95E-01	Not Modelled	1.79E-01	4.60E-04	2.69E-01	4.97E-02	9.95E-03	9.95E-10	4.98E-03	1.19E-04	8.77E-05	2.44E-04	8.03E-04	4.75E-03	7.60E-05	1.72E-03	8.71E-02	8.07E-03	1.04E-01
1507	NG_203	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.807	4.84E-01	9.68E-01	Not Modelled	1.76E-01	4.48E-04	2.62E-01	4.84E-02	9.68E-03	9.68E-10	4.84E-03	1.16E-04	8.53E-05	2.37E-04	7.81E-04	4.62E-03	7.39E-05	1.67E-03	8.47E-02	7.85E-03	1.01E-01
1508	NG_204	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.807	4.64E-01	9.28E-01	Not Modelled	1.70E-01	4.29E-04	2.51E-01	4.64E-02	9.28E-03	9.28E-10	4.64E-03	1.11E-04	8.18E-05	2.28E-04	7.49E-04	4.43E-03	7.09E-05	1.60E-03	8.13E-02	7.53E-03	9.69E-02
1509	NG_205	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.807	4.44E-01	8.88E-01	Not Modelled	1.64E-01	4.11E-04	2.41E-01	4.44E-02	8.88E-03	8.88E-10	4.44E-03	1.06E-04	7.83E-05	2.18E-04	7.17E-04	4.24E-03	6.78E-05	1.53E-03	7.77E-02	7.20E-03	9.27E-02
1513	NG_209	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6366.857	1.69E-01	3.39E-01	Not Modelled	8.57E-02	1.57E-04	1.28E-01	1.70E-02	3.39E-03	3.39E-10	1.70E-03	4.05E-05	2.99E-05	8.31E-05	2.74E-04	1.62E-03	2.59E-05	5.84E-04	2.97E-02	2.75E-03	3.54E-02

AQIA DATA - SCENARIO 2 COMMERCIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**0.000**	**0.024**	**0.001**	**0.000**	**0.001**	**0.004**	**0.023**	**0.000**	**0.008**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1514	NG_210	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.857	1.68E-01	3.36E-01	Not Modelled	8.59E-02	1.55E-04	1.29E-01	1.68E-02	3.36E-03	3.36E-10	1.68E-03	4.02E-05	2.96E-05	8.24E-05	2.71E-04	1.60E-03	2.56E-05	5.79E-04	2.94E-02	2.72E-03	3.50E-02
1515	NG_211	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.857	1.64E-01	3.28E-01	Not Modelled	8.48E-02	1.52E-04	1.28E-01	1.64E-02	3.28E-03	3.28E-10	1.64E-03	3.92E-05	2.89E-05	8.04E-05	2.65E-04	1.57E-03	2.50E-05	5.65E-04	2.87E-02	2.66E-03	3.42E-02
1516	NG_212	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.857	1.61E-01	3.21E-01	Not Modelled	8.38E-02	1.49E-04	1.27E-01	1.61E-02	3.21E-03	3.21E-10	1.61E-03	3.84E-05	2.83E-05	7.88E-05	2.59E-04	1.53E-03	2.45E-05	5.54E-04	2.81E-02	2.61E-03	3.35E-02
1517	NG_213	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.857	1.58E-01	3.16E-01	Not Modelled	8.32E-02	1.46E-04	1.27E-01	1.58E-02	3.16E-03	3.16E-10	1.58E-03	3.78E-05	2.79E-05	7.75E-05	2.55E-04	1.51E-03	2.41E-05	5.45E-04	2.77E-02	2.57E-03	3.30E-02
1518	NG_214	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.857	1.54E-01	3.08E-01	Not Modelled	8.12E-02	1.42E-04	1.25E-01	1.54E-02	3.08E-03	3.08E-10	1.54E-03	3.68E-05	2.71E-05	7.54E-05	2.48E-04	1.47E-03	2.35E-05	5.30E-04	2.69E-02	2.50E-03	3.21E-02
1519	NG_215	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.857	1.48E-01	2.96E-01	Not Modelled	7.79E-02	1.37E-04	1.21E-01	1.48E-02	2.95E-03	2.95E-10	1.48E-03	3.53E-05	2.60E-05	7.24E-05	2.39E-04	1.41E-03	2.25E-05	5.09E-04	2.59E-02	2.40E-03	3.08E-02
1522	NG_218	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6366.857	1.34E-01	2.68E-01	Not Modelled	6.90E-02	1.24E-04	1.11E-01	1.34E-02	2.68E-03	2.68E-10	1.34E-03	3.20E-05	2.36E-05	6.56E-05	2.16E-04	1.28E-03	2.04E-05	4.61E-04	2.34E-02	2.17E-03	2.79E-02
1523	NG_219	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.857	1.29E-01	2.59E-01	Not Modelled	6.58E-02	1.20E-04	1.07E-01	1.29E-02	2.58E-03	2.58E-10	1.29E-03	3.09E-05	2.28E-05	6.34E-05	2.09E-04	1.23E-03	1.97E-05	4.46E-04	2.26E-02	2.10E-03	2.70E-02
1524	NG_220	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.857	1.25E-01	2.50E-01	Not Modelled	6.26E-02	1.16E-04	1.03E-01	1.25E-02	2.50E-03	2.50E-10	1.25E-03	2.99E-05	2.20E-05	6.13E-05	2.02E-04	1.19E-03	1.91E-05	4.31E-04	2.19E-02	2.03E-03	2.61E-02
1525	NG_221	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.857	1.22E-01	2.45E-01	Not Modelled	6.03E-02	1.13E-04	9.99E-02	1.22E-02	2.45E-03	2.45E-10	1.23E-03	2.93E-05	2.16E-05	6.01E-05	1.98E-04	1.17E-03	1.87E-05	4.22E-04	2.14E-02	1.99E-03	2.56E-02
1526	NG_222	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.857	1.23E-01	2.46E-01	Not Modelled	5.94E-02	1.14E-04	9.94E-02	1.23E-02	2.46E-03	2.46E-10	1.23E-03	2.94E-05	2.17E-05	6.03E-05	1.98E-04	1.17E-03	1.88E-05	4.24E-04	2.15E-02	1.99E-03	2.57E-02
1527	NG_223	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.857	1.25E-01	2.51E-01	Not Modelled	5.91E-02	1.16E-04	9.97E-02	1.25E-02	2.51E-03	2.51E-10	1.26E-03	3.00E-05	2.21E-05	6.15E-05	2.03E-04	1.20E-03	1.92E-05	4.33E-04	2.20E-02	2.04E-03	2.62E-02
1528	NG_224	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.857	1.32E-01	2.65E-01	Not Modelled	6.05E-02	1.22E-04	1.03E-01	1.32E-02	2.64E-03	2.64E-10	1.32E-03	3.16E-05	2.33E-05	6.49E-05	2.14E-04	1.26E-03	2.02E-05	4.56E-04	2.32E-02	2.15E-03	2.76E-02
1529	NG_225	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.857	1.46E-01	2.91E-01	Not Modelled	6.46E-02	1.35E-04	1.10E-01	1.46E-02	2.91E-03	2.91E-10	1.46E-03	3.48E-05	2.57E-05	7.14E-05	2.35E-04	1.39E-03	2.22E-05	5.02E-04	2.55E-02	2.36E-03	3.04E-02
1530	NG_226	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.857	1.65E-01	3.30E-01	Not Modelled	7.10E-02	1.52E-04	1.21E-01	1.65E-02	3.30E-03	3.30E-10	1.65E-03	3.94E-05	2.91E-05	8.08E-05	2.66E-04	1.57E-03	2.52E-05	5.68E-04	2.89E-02	2.67E-03	3.44E-02
1531	NG_227	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.857	1.88E-01	3.75E-01	Not Modelled	7.90E-02	1.74E-04	1.35E-01	1.88E-02	3.75E-03	3.75E-10	1.88E-03	4.49E-05	3.31E-05	9.20E-05	3.03E-04	1.79E-03	2.87E-05	6.47E-04	3.28E-02	3.04E-03	3.92E-02
1532	NG_228	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.857	2.08E-01	4.16E-01	Not Modelled	8.56E-02	1.92E-04	1.46E-01	2.08E-02	4.16E-03	4.16E-10	2.08E-03	4.98E-05	3.67E-05	1.02E-04	3.36E-04	1.99E-03	3.18E-05	7.17E-04	3.64E-02	3.37E-03	4.34E-02
1533	NG_229	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.857	2.25E-01	4.50E-01	Not Modelled	9.07E-02	2.08E-04	1.53E-01	2.25E-02	4.49E-03	4.49E-10	2.25E-03	5.38E-05	3.96E-05	1.10E-04	3.63E-04	2.15E-03	3.43E-05	7.75E-04	3.94E-02	3.65E-03	4.69E-02
1534	NG_230	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.857	2.45E-01	4.90E-01	Not Modelled	9.72E-02	2.27E-04	1.63E-01	2.45E-02	4.90E-03	4.90E-10	2.45E-03	5.86E-05	4.32E-05	1.20E-04	3.96E-04	2.34E-03	3.74E-05	8.45E-04	4.29E-02	3.97E-03	5.11E-02
1535	NG_231	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.857	2.72E-01	5.44E-01	Not Modelled	1.06E-01	2.52E-04	1.77E-01	2.72E-02	5.44E-03	5.44E-10	2.72E-03	6.51E-05	4.80E-05	1.33E-04	4.39E-04	2.60E-03	4.16E-05	9.38E-04	4.76E-02	4.41E-03	5.68E-02
1536	NG_232	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.857	3.03E-01	6.05E-01	Not Modelled	1.16E-01	2.80E-04	1.91E-01	3.03E-02	6.05E-03	6.05E-10	3.03E-03	7.24E-05	5.33E-05	1.48E-04	4.89E-04	2.89E-03	4.62E-05	1.04E-03	5.30E-02	4.91E-03	6.31E-02
1537	NG_233	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.857	3.35E-01	6.71E-01	Not Modelled	1.25E-01	3.10E-04	2.04E-01	3.35E-02	6.71E-03	6.71E-10	3.35E-03	8.02E-05	5.91E-05	1.64E-04	5.42E-04	3.20E-03	5.12E-05	1.16E-03	5.87E-02	5.44E-03	7.00E-02
1538	NG_234	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.857	3.72E-01	7.44E-01	Not Modelled	1.36E-01	3.44E-04	2.19E-01	3.72E-02	7.44E-03	7.44E-10	3.72E-03	8.90E-05	6.55E-05	1.82E-04	6.00E-04	3.55E-03	5.68E-05	1.28E-03	6.51E-02	6.03E-03	7.76E-02
1539	NG_235	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.857	4.10E-01	8.19E-01	Not Modelled	1.46E-01	3.79E-04	2.34E-01	4.10E-02	8.19E-03	8.19E-10	4.10E-03	9.80E-05	7.22E-05	2.01E-04	6.61E-04	3.91E-03	6.26E-05	1.41E-03	7.17E-02	6.65E-03	8.55E-02
1540	NG_236	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.857	4.48E-01	8.97E-01	Not Modelled	1.58E-01	4.15E-04	2.51E-01	4.48E-02	8.97E-03	8.97E-10	4.49E-03	1.07E-04	7.91E-05	2.20E-04	7.24E-04	4.28E-03	6.85E-05	1.55E-03	7.85E-02	7.28E-03	9.36E-02
1541	NG_237	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.857	4.89E-01	9.79E-01	Not Modelled	1.72E-01	4.53E-04	2.71E-01	4.89E-02	9.79E-03	9.79E-10	4.89E-03	1.17E-04	8.63E-05	2.40E-04	7.90E-04	4.67E-03	7.47E-05	1.69E-03	8.57E-02	7.94E-03	1.02E-01
1542	NG_238	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.857	5.18E-01	1.04E+00	Not Modelled	1.82E-01	4.79E-04	2.85E-01	5.18E-02	1.04E-02	1.04E-09	5.18E-03	1.24E-04	9.13E-05	2.54E-04	8.36E-04	4.94E-03	7.91E-05	1.79E-03	9.07E-02	8.40E-03	1.08E-01
1543	NG_239	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.857	5.36E-01	1.07E+00	Not Modelled	1.89E-01	4.96E-04	2.94E-01	5.36E-02	1.07E-02	1.07E-09	5.36E-03	1.28E-04	9.45E-05	2.63E-04	8.66E-04	5.12E-03	8.19E-05	1.85E-03	9.38E-02	8.70E-03	1.12E-01
1544	NG_240	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.857	5.50E-01	1.10E+00	Not Modelled	1.96E-01	5.09E-04	3.02E-01	5.50E-02	1.10E-02	1.10E-09	5.51E-03	1.32E-04	9.70E-05	2.70E-04	8.89E-04	5.26E-03	8.40E-05	1.90E-03	9.64E-02	8.93E-03	1.15E-01
1545	NG_241	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.857	5.62E-01	1.12E+00	Not Modelled	2.02E-01	5.20E-04	3.10E-01	5.62E-02	1.12E-02	1.12E-09	5.62E-03	1.34E-04	9.90E-05	2.76E-04	9.07E-04	5.36E-03	8.58E-05	1.94E-03	9.83E-02	9.11E-03	1.17E-01
1546	NG_242	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.857	5.58E-01	1.12E+00	Not Modelled	2.02E-01	5.16E-04	3.09E-01	5.58E-02	1.12E-02	1.12E-09	5.58E-03	1.34E-04	9.84E-05	2.74E-04	9.01E-04	5.33E-03	8.52E-05	1.92E-03	9.77E-02	9.05E-03	1.16E-01
1547	NG_243	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.857	5.46E-01	1.09E+00	Not Modelled	2.00E-01	5.06E-04	3.03E-01	5.46E-02	1.09E-02	1.09E-09	5.47E-03	1.31E-04	9.63E-05	2.68E-04	8.82E-04	5.22E-03	8.35E-05	1.88E-03	9.57E-02	8.87E-03	1.14E-01
1548	NG_244	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.857	5.25E-01	1.05E+00	Not Modelled	1.93E-01	4.86E-04	2.91E-01	5.25E-02	1.05E-02	1.05E-09	5.25E-03	1.26E-04	9.25E-05	2.57E-04	8.47E-04	5.01E-03	8.01E-05	1.81E-03	9.19E-02	8.51E-03	1.10E-01
1549	NG_245	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.857	4.91E-01	9.83E-01	Not Modelled	1.82E-01	4.54E-04	2.71E-01	4.91E-02	9.82E-03	9.82E-10	4.91E-03	1.18E-04	8.66E-05	2.41E-04	7.93E-04	4.69E-03	7.50E-05	1.69E-03	8.60E-02	7.97E-03	1.03E-01
1550	NG_246	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.857	4.65E-01	9.31E-01	Not Modelled	1.74E-01	4.30E-04	2.57E-01	4.65E-02	9.30E-03	9.30E-10	4.65E-03	1.11E-04	8.20E-05	2.28E-04	7.51E-04	4.44E-03	7.11E-05	1.60E-03	8.15E-02	7.55E-03	9.71E-02
1553	NG_249	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6366.907	1.83E-01	3.66E-01	Not Modelled	8.93E-02	1.69E-04	1.35E-01	1.83E-02	3.66E-03	3.66E-10	1.83E-03	4.37E-05	3.22E-05	8.97E-05	2.95E-04	1.75E-03	2.79E-05	6.30E-04	3.20E-02	2.97E-03	3.82E-02
1554	NG_250	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6366.907	1.86E-01	3.72E-01	Not Modelled	9.21E-02	1.72E-04	1.39E-01	1.86E-02	3.72E-03	3.72E-10	1.86E-03	4.44E-05	3.28E-05	9.11E-05	3.00E-04	1.77E-03	2.84E-05	6.40E-04	3.25E-02	3.02E-03	3.88E-02
1555	NG_251	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.907	1.86E-01	3.73E-01	Not Modelled	9.38E-02	1.73E-04	1.42E-01	1.87E-02	3.73E-03	3.73E-10	1.87E-03	4.46E-05	3.29E-05	9.15E-05	3.01E-04	1.78E-03	2.85E-05	6.43E-04	3.27E-02	3.03E-03	3.89E-02
1556	NG_252	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.907	1.84E-01	3.68E-01	Not Modelled	9.36E-02	1.70E-04	1.43E-01	1.84E-02	3.68E-03	3.68E-10	1.84E-03	4.40E-05	3.24E-05	9.02E-05	2.97E-04	1.76E-03	2.81E-05	6.34E-04	3.22E-02	2.98E-03	3.84E-02
1557	NG_253	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.907	1.83E-01	3.66E-01	Not Modelled	9.45E-02	1.69E-04	1.45E-01	1.83E-02	3.66E-03	3.66E-10	1.83E-03	4.38E-05	3.23E-05	8.97E-05	2.95E-04	1.75E-03	2.79E-05	6.31E-04	3.20E-02	2.97E-03	3.82E-02
1558	NG_254	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.907	1.82E-01	3.64E-01	Not Modelled	9.51E-02	1.68E-04	1.47E-01	1.82E-02	3.64E-03	3.64E-10	1.82E-03	4.35E-05	3.21E-05	8.92E-05	2.94E-04	1.74E-03	2.78E-05	6.27E-04	3.19E-02	2.95E-03	3.80E-02
1559	NG_255	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.907	1.78E-01	3.56E-01	Not Modelled	9.36E-02	1.65E-04	1.46E-01	1.78E-02	3.56E-03	3.56E-10	1.78E-03	4.25E-05	3.13E-05	8.72E-05	2.87E-04	1.70E-03	2.71E-05	6.13E-04	3.11E-02	2.88E-03	3.71E-02
1560	NG_256	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.907	1.70E-01	3.40E-01	Not Modelled	8.94E-02	1.57E-04	1.40E-01	1.70E-02	3.40E-03	3.40E-10	1.70E-03	4.06E-05	2.99E-05	8.33E-05	2.74E-04	1.62E-03	2.59E-05	5.85E-04	2.97E-02	2.76E-03	3.54E-02
1562	NG_258	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6366.907	1.58E-01	3.16E-01	Not Modelled	8.29E-02	1.46E-04	1.33E-01	1.58E-02	3.16E-03	3.16E-10	1.58E-03	3.78E-05	2.79E-05	7.76E-05	2.55E-04	1.51E-03	2.41E-05	5.45E-04	2.77E-02	2.57E-03	3.30E-02
1563	NG_259	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6366.907	1.53E-01	3.06E-01	Not Modelled	7.93E-02	1.41E-04	1.28E-01	1.53E-02	3.05E-03	3.05E-10	1.53E-03	3.65E-05	2.69E-05	7.49E-05	2.47E-04	1.46E-03	2.33E-05	5.26E-04	2.67E-02	2.48E-03	3.19E-02
1564	NG_260	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.907	1.46E-01	2.93E-01	Not Modelled	7.50E-02	1.36E-04	1.23E-01	1.46E-02	2.93E-03	2.93E-10	1.47E-03	3.50E-05	2.58E-05	7.18E-05	2.37E-04	1.40E-03	2.24E-05	5.05E-04	2.56E-02	2.38E-03	3.06E-02
1565	NG_261	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.907	1.42E-01	2.84E-01	Not Modelled	7.15E-02	1.31E-04	1.18E-01	1.42E-02	2.83E-03	2.83E-10	1.42E-03	3.39E-05	2.50E-05	6.95E-05	2.29E-04	1.35E-03	2.16E-05	4.89E-04	2.48E-02	2.30E-03	2.96E-02
1566	NG_262	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.907	1.39E-01	2.79E-01	Not Modelled	6.92E-02	1.29E-04	1.16E-01	1.40E-02	2.79E-03	2.79E-10	1.40E-03	3.34E-05	2.46E-05	6.84E-05	2.25E-04	1.33E-03	2.13E-05	4.81E-04	2.44E-02	2.26E-03	2.91E-02
1567	NG_263	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.907	1.39E-01	2.78E-01	Not Modelled	6.74E-02	1.28E-04	1.14E-01	1.39E-02	2.77E-03	2.77E-10	1.39E-03	3.32E-05	2.45E-05	6.80E-05	2.24E-04	1.32E-03	2.12E-05	4.78E-04	2.43E-02	2.25E-03	2.90E-02
1568	NG_264	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.907	1.41E-01	2.81E-01	Not Modelled	6.65E-02	1.30E-04	1.13E-01	1.41E-02	2.81E-03	2.81E-10	1.41E-03	3.37E-05	2.48E-05	6.90E-05	2.27E-04	1.34E-03	2.15E-05	4.85E-04	2.46E-02	2.28E-03	2.94E-02
1569	NG_265	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.907	1.48E-01	2.96E-01	Not Modelled	6.78E-02	1.37E-04	1.16E-01	1.48E-02	2.96E-03	2.96E-10	1.48E-03	3.54E-05	2.61E-05	7.25E-05	2.39E-04	1.41E-03	2.26E-05	5.10E-04	2.59E-02	2.40E-03	3.09E-02
1570	NG_266	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.907	1.64E-01	3.27E-01	Not Modelled	7.27E-02	1.51E-04	1.25E-01	1.64E-02	3.27E-03	3.27E-10	1.64E-03	3.91E-05	2.88E-05	8.02E-05	2.64E-04	1.56E-03	2.50E-05	5.64E-04	2.86E-02	2.65E-03	3.41E-02
1571	NG_267	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.907	1.87E-01	3.74E-01	Not Modelled	8.08E-02	1.73E-04	1.40E-01	1.87E-02	3.74E-03	3.74E-10	1.87E-03	4.48E-05	3.30E-05	9.18E-05	3.02E-04	1.79E-03	2.86E-05	6.45E-04	3.28E-02	3.04E-03	3.90E-02
1572	NG_268	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.907	2.15E-01	4.31E-01	Not Modelled	9.08E-02	1.99E-04	1.57E-01	2.15E-02	4.31E-03	4.31E-10	2.15E-03	5.15E-05	3.80E-05	1.06E-04	3.48E-04	2.06E-03	3.29E-05	7.43E-04	3.77E-02	3.49E-03	4.50E-02
1573	NG_269	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.907	2.39E-01	4.79E-01	Not Modelled	9.86E-02	2.21E-04	1.70E-01	2.39E-02	4.78E-03	4.78E-10	2.39E-03	5.72E-05	4.22E-05	1.17E-04	3.86E-04	2.28E-03	3.65E-05	8.25E-04	4.19E-02	3.88E-03	4.99E-02
1574	NG_270	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.907	2.60E-01	5.20E-01	Not Modelled	1.05E-01	2.40E-04	1.79E-01	2.60E-02	5.20E-03	5.20E-10	2.60E-03	6.22E-05	4.58E-05	1.27E-04	4.20E-04	2.48E-03	3.97E-05	8.96E-04	4.55E-02	4.22E-03	5.42E-02
1575	NG_271	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.907	2.84E-01	5.69E-01	Not Modelled	1.12E-01	2.63E-04	1.90E-01	2.84E-02	5.69E-03	5.69E-10	2.85E-03	6.81E-05	5.01E-05	1.40E-04	4.59E-04	2.72E-03	4.34E-05	9.81E-04	4.98E-02	4.61E-03	5.94E-02
1576	NG_272	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.907	3.20E-01	6.41E-01	Not Modelled	1.24E-01	2.96E-04	2.08E-01	3.20E-02	6.41E-03	6.41E-10	3.21E-03	7.67E-05	5.65E-05	1.57E-04	5.17E-04	3.06E-03	4.89E-05	1.11E-03	5.61E-02	5.20E-03	6.69E-02
1577	NG_273	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.907	3.59E-01	7.18E-01	Not Modelled	1.36E-01	3.32E-04	2.25E-01	3.59E-02	7.17E-03	7.17E-10	3.59E-03	8.58E-05	6.32E-05	1.76E-04	5.79E-04	3.42E-03	5.48E-05	1.24E-03	6.28E-02	5.82E-03	7.49E-02
1578	NG_274	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.907	3.98E-01	7.96E-01	Not Modelled	1.46E-01	3.68E-04	2.41E-01	3.98E-02	7.95E-03	7.95E-10	3.98E-03	9.52E-05	7.01E-05	1.95E-04	6.42E-04	3.80E-03	6.07E-05	1.37E-03	6.96E-02	6.45E-03	8.30E-02
1579	NG_275	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.907	4.40E-01	8.80E-01	Not Modelled	1.58E-01	4.07E-04	2.58E-01	4.40E-02	8.79E-03	8.79E-10	4.40E-03	1.05E-04	7.75E-05	2.16E-04	7.10E-04	4.20E-03	6.72E-05	1.52E-03	7.70E-02	7.13E-03	9.18E-02
1580	NG_276	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.907	4.83E-01	9.66E-01	Not Modelled	1.71E-01	4.47E-04	2.76E-01	4.83E-02	9.66E-03	9.66E-10	4.83E-03	1.16E-04	8.51E-05	2.37E-04	7.80E-04	4.61E-03	7.37E-05	1.66E-03	8.45E-02	7.83E-03	1.01E-01
1581	NG_277	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.907	5.29E-01	1.06E+00	Not Modelled	1.86E-01	4.90E-04	2.97E-01	5.29E-02	1.06E-02	1.06E-09	5.29E-03	1.27E-04	9.33E-05	2.60E-04	8.54E-04	5.05E-03	8.08E-05	1.82E-03	9.26E-02	8.58E-03	1.10E-01
1582	NG_278	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.907	5.69E-01	1.14E+00	Not Modelled	2.00E-01	5.27E-04	3.18E-01	5.69E-02	1.14E-02	1.14E-09	5.70E-03	1.36E-04	1.00E-04	2.79E-04	9.20E-04	5.44E-03	8.70E-05	1.96E-03	9.97E-02	9.24E-03	1.19E-01
1583	NG_279	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.907	5.94E-01	1.19E+00	Not Modelled	2.10E-01	5.49E-04	3.30E-01	5.94E-02	1.19E-02	1.19E-09	5.94E-03	1.42E-04	1.05E-04	2.91E-04	9.59E-04	5.67E-03	9.07E-05	2.05E-03	1.04E-01	9.63E-03	1.24E-01
1584	NG_280	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.907	5.99E-01	1.20E+00	Not Modelled	2.13E-01	5.54E-04	3.33E-01	5.99E-02	1.20E-02	1.20E-09	5.99E-03	1.43E-04	1.06E-04	2.94E-04	9.67E-04	5.72E-03	9.15E-05	2.07E-03	1.05E-01	9.72E-03	1.25E-01
1589	NG_285	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.907	5.56E-01	1.11E+00	Not Modelled	2.08E-01	5.15E-04	3.15E-01	5.56E-02	1.11E-02	1.11E-09	5.56E-03	1.33E-04	9.80E-05	2.73E-04	8.98E-04	5.31E-03	8.49E-05	1.92E-03	9.74E-02	9.02E-03	1.16E-01
1590	NG_286	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.907	5.18E-01	1.04E+00	Not Modelled	1.95E-01	4.80E-04	2.93E-01	5.18E-02	1.04E-02	1.04E-09	5.18E-03	1.24E-04	9.14E-05	2.54E-04	8.37E-04	4.95E-03	7.92E-05	1.79E-03	9.08E-02	8.41E-03	1.08E-01
1591	NG_287	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.907	4.82E-01	9.64E-01	Not Modelled	1.82E-01	4.46E-04	2.72E-01	4.82E-02	9.63E-03	9.63E-10	4.82E-03	1.15E-04	8.49E-05	2.36E-04	7.78E-04	4.60E-03	7.36E-05	1.66E-03	8.43E-02	7.82E-03	1.01E-01
1594	NG_290	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6366.957	1.96E-01	3.92E-01	Not Modelled	9.39E-02	1.82E-04	1.44E-01	1.96E-02	3.92E-03	3.92E-10	1.96E-03	4.69E-05	3.46E-05	9.62E-05	3.17E-04	1.87E-03	2.99E-05	6.76E-04	3.43E-02	3.18E-03	4.09E-02
1595	NG_291	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6366.957	2.02E-01	4.04E-01	Not Modelled	9.81E-02	1.87E-04	1.50E-01	2.02E-02	4.04E-03	4.04E-10	2.02E-03	4.83E-05	3.56E-05	9.90E-05	3.26E-04	1.93E-03	3.08E-05	6.96E-04	3.54E-02	3.28E-03	4.21E-02
1596	NG_292	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.957	2.06E-01	4.11E-01	Not Modelled	1.01E-01	1.90E-04	1.56E-01	2.06E-02	4.11E-03	4.11E-10	2.06E-03	4.92E-05	3.62E-05	1.01E-04	3.32E-04	1.96E-03	3.14E-05	7.09E-04	3.60E-02	3.34E-03	4.29E-02
1597	NG_293	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.957	2.08E-01	4.16E-01	Not Modelled	1.04E-01	1.93E-04	1.61E-01	2.08E-02	4.16E-03	4.16E-10	2.08E-03	4.98E-05	3.67E-05	1.02E-04	3.36E-04	1.99E-03	3.18E-05	7.17E-04	3.64E-02	3.38E-03	4.34E-02
1598	NG_294	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.957	2.09E-01	4.19E-01	Not Modelled	1.07E-01	1.94E-04	1.65E-01	2.09E-02	4.19E-03	4.19E-10	2.09E-03	5.01E-05	3.69E-05	1.03E-04	3.38E-04	2.00E-03	3.19E-05	7.21E-04	3.66E-02	3.40E-03	4.37E-02
1599	NG_295	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.957	2.09E-01	4.19E-01	Not Modelled	1.08E-01	1.94E-04	1.69E-01	2.09E-02	4.19E-03	4.19E-10	2.09E-03	5.01E-05	3.69E-05	1.03E-04	3.38E-04	2.00E-03	3.19E-05	7.21E-04	3.66E-02	3.40E-03	4.37E-02
1600	NG_296	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.957	2.05E-01	4.11E-01	Not Modelled	1.07E-01	1.90E-04	1.69E-01	2.05E-02	4.10E-03	4.10E-10	2.05E-03	4.91E-05	3.62E-05	1.01E-04	3.31E-04	1.96E-03	3.13E-05	7.07E-04	3.59E-02	3.33E-03	4.28E-02
1601	NG_297	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.957	1.98E-01	3.95E-01	Not Modelled	1.04E-01	1.83E-04	1.65E-01	1.98E-02	3.95E-03	3.95E-10	1.98E-03	4.73E-05	3.48E-05	9.69E-05	3.19E-04	1.89E-03	3.02E-05	6.81E-04	3.46E-02	3.21E-03	4.13E-02
1602	NG_298	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6366.957	1.90E-01	3.81E-01	Not Modelled	1.00E-01	1.76E-04	1.60E-01	1.90E-02	3.80E-03	3.80E-10	1.90E-03	4.55E-05	3.35E-05	9.33E-05	3.07E-04	1.82E-03	2.90E-05	6.56E-04	3.33E-02	3.09E-03	3.97E-02
1603	NG_299	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6366.957	1.83E-01	3.66E-01	Not Modelled	9.63E-02	1.69E-04	1.56E-01	1.83E-02	3.66E-03	3.66E-10	1.83E-03	4.38E-05	3.23E-05	8.98E-05	2.96E-04	1.75E-03	2.79E-05	6.31E-04	3.20E-02	2.97E-03	3.82E-02
1604	NG_300	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6366.957	1.76E-01	3.52E-01	Not Modelled	9.20E-02	1.63E-04	1.50E-01	1.76E-02	3.52E-03	3.52E-10	1.76E-03	4.21E-05	3.10E-05	8.63E-05	2.84E-04	1.68E-03	2.69E-05	6.06E-04	3.08E-02	2.85E-03	3.67E-02
1605	NG_301	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.957	1.69E-01	3.38E-01	Not Modelled	8.70E-02	1.56E-04	1.44E-01	1.69E-02	3.37E-03	3.37E-10	1.69E-03	4.04E-05	2.97E-05	8.28E-05	2.73E-04	1.61E-03	2.58E-05	5.82E-04	2.95E-02	2.74E-03	3.52E-02
1606	NG_302	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.957	1.63E-01	3.25E-01	Not Modelled	8.25E-02	1.50E-04	1.38E-01	1.63E-02	3.25E-03	3.25E-10	1.63E-03	3.89E-05	2.87E-05	7.97E-05	2.63E-04	1.55E-03	2.48E-05	5.60E-04	2.85E-02	2.64E-03	3.39E-02
1607	NG_303	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.957	1.58E-01	3.16E-01	Not Modelled	7.86E-02	1.46E-04	1.33E-01	1.58E-02	3.16E-03	3.16E-10	1.58E-03	3.78E-05	2.78E-05	7.75E-05	2.55E-04	1.51E-03	2.41E-05	5.45E-04	2.77E-02	2.56E-03	3.30E-02
1608	NG_304	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.957	1.55E-01	3.11E-01	Not Modelled	7.55E-02	1.44E-04	1.29E-01	1.55E-02	3.10E-03	3.10E-10	1.55E-03	3.71E-05	2.74E-05	7.61E-05	2.51E-04	1.48E-03	2.37E-05	5.35E-04	2.72E-02	2.52E-03	3.24E-02
1609	NG_305	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.957	1.56E-01	3.12E-01	Not Modelled	7.38E-02	1.44E-04	1.27E-01	1.56E-02	3.12E-03	3.12E-10	1.56E-03	3.73E-05	2.75E-05	7.65E-05	2.52E-04	1.49E-03	2.38E-05	5.38E-04	2.73E-02	2.53E-03	3.25E-02

AQIA DATA - SCENARIO 2 COMMERCIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**0.000**	**0.024**	**0.001**	**0.000**	**0.001**	**0.004**	**0.023**	**0.000**	**0.008**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1610	NG_306	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.957	1.64E-01	3.29E-01	Not Modelled	7.54E-02	1.52E-04	1.31E-01	1.64E-02	3.28E-03	3.28E-10	1.64E-03	3.93E-05	2.89E-05	8.05E-05	2.65E-04	1.57E-03	2.51E-05	5.66E-04	2.88E-02	2.66E-03	3.43E-02
1611	NG_307	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.957	1.83E-01	3.66E-01	Not Modelled	8.13E-02	1.69E-04	1.41E-01	1.83E-02	3.66E-03	3.66E-10	1.83E-03	4.37E-05	3.22E-05	8.97E-05	2.95E-04	1.75E-03	2.79E-05	6.30E-04	3.20E-02	2.97E-03	3.82E-02
1612	NG_308	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.957	2.10E-01	4.20E-01	Not Modelled	9.06E-02	1.94E-04	1.58E-01	2.10E-02	4.20E-03	4.20E-10	2.10E-03	5.02E-05	3.70E-05	1.03E-04	3.39E-04	2.00E-03	3.21E-05	7.24E-04	3.68E-02	3.41E-03	4.38E-02
1613	NG_309	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.957	2.42E-01	4.84E-01	Not Modelled	1.02E-01	2.24E-04	1.78E-01	2.42E-02	4.84E-03	4.84E-10	2.42E-03	5.79E-05	4.27E-05	1.19E-04	3.91E-04	2.31E-03	3.70E-05	8.34E-04	4.24E-02	3.93E-03	5.05E-02
1614	NG_310	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.957	2.72E-01	5.45E-01	Not Modelled	1.12E-01	2.52E-04	1.95E-01	2.72E-02	5.45E-03	5.45E-10	2.73E-03	6.52E-05	4.80E-05	1.34E-04	4.40E-04	2.60E-03	4.16E-05	9.39E-04	4.77E-02	4.42E-03	5.69E-02
1615	NG_311	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.957	3.03E-01	6.06E-01	Not Modelled	1.22E-01	2.80E-04	2.11E-01	3.03E-02	6.05E-03	6.05E-10	3.03E-03	7.24E-05	5.34E-05	1.49E-04	4.89E-04	2.89E-03	4.62E-05	1.04E-03	5.30E-02	4.91E-03	6.32E-02
1616	NG_312	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.957	3.39E-01	6.79E-01	Not Modelled	1.34E-01	3.14E-04	2.29E-01	3.39E-02	6.79E-03	6.79E-10	3.39E-03	8.12E-05	5.98E-05	1.66E-04	5.48E-04	3.24E-03	5.18E-05	1.17E-03	5.94E-02	5.51E-03	7.08E-02
1617	NG_313	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.957	3.84E-01	7.69E-01	Not Modelled	1.47E-01	3.56E-04	2.50E-01	3.84E-02	7.69E-03	7.69E-10	3.85E-03	9.20E-05	6.78E-05	1.89E-04	6.21E-04	3.67E-03	5.87E-05	1.33E-03	6.73E-02	6.24E-03	8.02E-02
1618	NG_314	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.957	4.33E-01	8.67E-01	Not Modelled	1.61E-01	4.01E-04	2.70E-01	4.33E-02	8.66E-03	8.66E-10	4.33E-03	1.04E-04	7.64E-05	2.12E-04	6.99E-04	4.14E-03	6.62E-05	1.49E-03	7.58E-02	7.03E-03	9.04E-02
1619	NG_315	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.957	4.83E-01	9.66E-01	Not Modelled	1.75E-01	4.47E-04	2.90E-01	4.83E-02	9.65E-03	9.65E-10	4.83E-03	1.16E-04	8.51E-05	2.37E-04	7.80E-04	4.61E-03	7.37E-05	1.66E-03	8.45E-02	7.83E-03	1.01E-01
1632	NG_328	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.957	5.02E-01	1.00E+00	Not Modelled	1.93E-01	4.64E-04	2.90E-01	5.02E-02	1.00E-02	1.00E-09	5.02E-03	1.20E-04	8.85E-05	2.46E-04	8.10E-04	4.79E-03	7.66E-05	1.73E-03	8.79E-02	8.14E-03	1.05E-01
1635	NG_331	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.007	2.06E-01	4.12E-01	Not Modelled	9.67E-02	1.90E-04	1.50E-01	2.06E-02	4.12E-03	4.12E-10	2.06E-03	4.92E-05	3.63E-05	1.01E-04	3.32E-04	1.96E-03	3.14E-05	7.09E-04	3.60E-02	3.34E-03	4.29E-02
1636	NG_332	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.007	2.17E-01	4.34E-01	Not Modelled	1.04E-01	2.01E-04	1.61E-01	2.17E-02	4.34E-03	4.34E-10	2.17E-03	5.19E-05	3.83E-05	1.06E-04	3.50E-04	2.07E-03	3.31E-05	7.48E-04	3.80E-02	3.52E-03	4.53E-02
1637	NG_333	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.007	2.26E-01	4.52E-01	Not Modelled	1.09E-01	2.09E-04	1.70E-01	2.26E-02	4.51E-03	4.51E-10	2.26E-03	5.40E-05	3.98E-05	1.11E-04	3.64E-04	2.15E-03	3.45E-05	7.78E-04	3.95E-02	3.66E-03	4.71E-02
1638	NG_334	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.007	2.33E-01	4.66E-01	Not Modelled	1.15E-01	2.16E-04	1.80E-01	2.33E-02	4.66E-03	4.66E-10	2.33E-03	5.58E-05	4.11E-05	1.14E-04	3.77E-04	2.23E-03	3.56E-05	8.04E-04	4.08E-02	3.78E-03	4.87E-02
1639	NG_335	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.007	2.38E-01	4.76E-01	Not Modelled	1.19E-01	2.20E-04	1.88E-01	2.38E-02	4.76E-03	4.76E-10	2.38E-03	5.69E-05	4.20E-05	1.17E-04	3.84E-04	2.27E-03	3.63E-05	8.20E-04	4.17E-02	3.86E-03	4.97E-02
1640	NG_336	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.007	2.42E-01	4.85E-01	Not Modelled	1.24E-01	2.24E-04	1.96E-01	2.42E-02	4.84E-03	4.84E-10	2.42E-03	5.79E-05	4.27E-05	1.19E-04	3.91E-04	2.31E-03	3.70E-05	8.35E-04	4.24E-02	3.93E-03	5.06E-02
1641	NG_337	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.007	2.40E-01	4.81E-01	Not Modelled	1.24E-01	2.22E-04	1.98E-01	2.40E-02	4.80E-03	4.80E-10	2.40E-03	5.75E-05	4.23E-05	1.18E-04	3.88E-04	2.29E-03	3.67E-05	8.28E-04	4.21E-02	3.90E-03	5.01E-02
1642	NG_338	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.007	2.35E-01	4.71E-01	Not Modelled	1.23E-01	2.18E-04	1.98E-01	2.35E-02	4.71E-03	4.71E-10	2.36E-03	5.63E-05	4.15E-05	1.15E-04	3.80E-04	2.25E-03	3.59E-05	8.11E-04	4.12E-02	3.82E-03	4.91E-02
1643	NG_339	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.007	2.26E-01	4.52E-01	Not Modelled	1.19E-01	2.09E-04	1.93E-01	2.26E-02	4.51E-03	4.51E-10	2.26E-03	5.40E-05	3.98E-05	1.11E-04	3.64E-04	2.15E-03	3.45E-05	7.78E-04	3.95E-02	3.66E-03	4.71E-02
1644	NG_340	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.007	2.17E-01	4.33E-01	Not Modelled	1.14E-01	2.01E-04	1.87E-01	2.17E-02	4.33E-03	4.33E-10	2.17E-03	5.18E-05	3.82E-05	1.06E-04	3.50E-04	2.07E-03	3.31E-05	7.47E-04	3.79E-02	3.51E-03	4.52E-02
1645	NG_341	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.007	2.06E-01	4.13E-01	Not Modelled	1.09E-01	1.91E-04	1.79E-01	2.07E-02	4.13E-03	4.13E-10	2.07E-03	4.94E-05	3.64E-05	1.01E-04	3.33E-04	1.97E-03	3.15E-05	7.12E-04	3.62E-02	3.35E-03	4.31E-02
1646	NG_342	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.007	1.98E-01	3.96E-01	Not Modelled	1.03E-01	1.83E-04	1.72E-01	1.98E-02	3.96E-03	3.96E-10	1.98E-03	4.73E-05	3.49E-05	9.71E-05	3.20E-04	1.89E-03	3.02E-05	6.82E-04	3.47E-02	3.21E-03	4.13E-02
1647	NG_343	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.007	1.88E-01	3.77E-01	Not Modelled	9.62E-02	1.74E-04	1.62E-01	1.88E-02	3.77E-03	3.77E-10	1.88E-03	4.51E-05	3.32E-05	9.24E-05	3.04E-04	1.80E-03	2.88E-05	6.49E-04	3.30E-02	3.06E-03	3.93E-02
1648	NG_344	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.007	1.80E-01	3.61E-01	Not Modelled	9.03E-02	1.67E-04	1.54E-01	1.80E-02	3.61E-03	3.61E-10	1.81E-03	4.32E-05	3.18E-05	8.85E-05	2.91E-04	1.72E-03	2.75E-05	6.22E-04	3.16E-02	2.93E-03	3.77E-02
1649	NG_345	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.007	1.74E-01	3.49E-01	Not Modelled	8.51E-02	1.61E-04	1.47E-01	1.74E-02	3.48E-03	3.48E-10	1.74E-03	4.17E-05	3.07E-05	8.54E-05	2.81E-04	1.66E-03	2.66E-05	6.01E-04	3.05E-02	2.83E-03	3.64E-02
1650	NG_346	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.007	1.75E-01	3.50E-01	Not Modelled	8.30E-02	1.62E-04	1.44E-01	1.75E-02	3.50E-03	3.50E-10	1.75E-03	4.18E-05	3.08E-05	8.57E-05	2.82E-04	1.67E-03	2.67E-05	6.03E-04	3.06E-02	2.84E-03	3.65E-02
1651	NG_347	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.007	1.84E-01	3.69E-01	Not Modelled	8.49E-02	1.71E-04	1.49E-01	1.84E-02	3.69E-03	3.69E-10	1.84E-03	4.41E-05	3.25E-05	9.04E-05	2.98E-04	1.76E-03	2.82E-05	6.36E-04	3.23E-02	2.99E-03	3.85E-02
1652	NG_348	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.007	2.06E-01	4.12E-01	Not Modelled	9.15E-02	1.90E-04	1.61E-01	2.06E-02	4.11E-03	4.11E-10	2.06E-03	4.92E-05	3.63E-05	1.01E-04	3.32E-04	1.96E-03	3.14E-05	7.09E-04	3.60E-02	3.34E-03	4.29E-02
1653	NG_349	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.007	2.38E-01	4.77E-01	Not Modelled	1.03E-01	2.20E-04	1.81E-01	2.38E-02	4.76E-03	4.76E-10	2.38E-03	5.70E-05	4.20E-05	1.17E-04	3.85E-04	2.28E-03	3.64E-05	8.22E-04	4.17E-02	3.87E-03	4.97E-02
1654	NG_350	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.007	2.76E-01	5.52E-01	Not Modelled	1.16E-01	2.55E-04	2.04E-01	2.76E-02	5.52E-03	5.52E-10	2.76E-03	6.60E-05	4.86E-05	1.35E-04	4.45E-04	2.63E-03	4.21E-05	9.51E-04	4.83E-02	4.48E-03	5.76E-02
1655	NG_351	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.007	3.15E-01	6.31E-01	Not Modelled	1.30E-01	2.92E-04	2.27E-01	3.15E-02	6.31E-03	6.31E-10	3.15E-03	7.55E-05	5.56E-05	1.55E-04	5.09E-04	3.01E-03	4.82E-05	1.09E-03	5.52E-02	5.12E-03	6.58E-02
1656	NG_352	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.007	3.57E-01	7.13E-01	Not Modelled	1.43E-01	3.30E-04	2.49E-01	3.57E-02	7.13E-03	7.13E-10	3.57E-03	8.53E-05	6.29E-05	1.75E-04	5.76E-04	3.41E-03	5.45E-05	1.23E-03	6.24E-02	5.79E-03	7.44E-02
1657	NG_353	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.007	4.07E-01	8.14E-01	Not Modelled	1.59E-01	3.77E-04	2.74E-01	4.07E-02	8.14E-03	8.14E-10	4.07E-03	9.74E-05	7.17E-05	2.00E-04	6.57E-04	3.89E-03	6.22E-05	1.40E-03	7.13E-02	6.60E-03	8.50E-02
1658	NG_354	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.007	4.66E-01	9.32E-01	Not Modelled	1.76E-01	4.31E-04	3.01E-01	4.66E-02	9.31E-03	9.31E-10	4.66E-03	1.11E-04	8.21E-05	2.28E-04	7.52E-04	4.45E-03	7.11E-05	1.61E-03	8.15E-02	7.55E-03	9.72E-02
1677	NG_373	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.057	2.27E-01	4.55E-01	Not Modelled	1.07E-01	2.10E-04	1.68E-01	2.27E-02	4.54E-03	4.54E-10	2.27E-03	5.43E-05	4.00E-05	1.11E-04	3.67E-04	2.17E-03	3.47E-05	7.83E-04	3.98E-02	3.69E-03	4.74E-02
1678	NG_374	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.057	2.42E-01	4.85E-01	Not Modelled	1.15E-01	2.24E-04	1.82E-01	2.42E-02	4.85E-03	4.85E-10	2.43E-03	5.80E-05	4.27E-05	1.19E-04	3.91E-04	2.31E-03	3.70E-05	8.35E-04	4.24E-02	3.93E-03	5.06E-02
1679	NG_375	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.057	2.55E-01	5.09E-01	Not Modelled	1.23E-01	2.36E-04	1.95E-01	2.55E-02	5.09E-03	5.09E-10	2.55E-03	6.09E-05	4.49E-05	1.25E-04	4.11E-04	2.43E-03	3.89E-05	8.77E-04	4.46E-02	4.13E-03	5.31E-02
1680	NG_376	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.057	2.66E-01	5.32E-01	Not Modelled	1.31E-01	2.46E-04	2.08E-01	2.66E-02	5.32E-03	5.32E-10	2.66E-03	6.37E-05	4.69E-05	1.31E-04	4.30E-04	2.54E-03	4.06E-05	9.17E-04	4.66E-02	4.32E-03	5.55E-02
1681	NG_377	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.057	2.76E-01	5.53E-01	Not Modelled	1.38E-01	2.56E-04	2.22E-01	2.76E-02	5.53E-03	5.53E-10	2.77E-03	6.61E-05	4.87E-05	1.36E-04	4.47E-04	2.64E-03	4.22E-05	9.53E-04	4.84E-02	4.49E-03	5.77E-02
1682	NG_378	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.057	2.83E-01	5.65E-01	Not Modelled	1.45E-01	2.62E-04	2.34E-01	2.83E-02	5.65E-03	5.65E-10	2.83E-03	6.76E-05	4.98E-05	1.39E-04	4.56E-04	2.70E-03	4.31E-05	9.74E-04	4.95E-02	4.59E-03	5.90E-02
1683	NG_379	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.057	2.81E-01	5.61E-01	Not Modelled	1.46E-01	2.60E-04	2.37E-01	2.81E-02	5.61E-03	5.61E-10	2.81E-03	6.71E-05	4.95E-05	1.38E-04	4.53E-04	2.68E-03	4.28E-05	9.67E-04	4.91E-02	4.55E-03	5.86E-02
1684	NG_380	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.057	2.72E-01	5.44E-01	Not Modelled	1.43E-01	2.52E-04	2.34E-01	2.72E-02	5.44E-03	5.44E-10	2.72E-03	6.50E-05	4.79E-05	1.33E-04	4.39E-04	2.59E-03	4.15E-05	9.37E-04	4.76E-02	4.41E-03	5.67E-02
1685	NG_381	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.057	2.60E-01	5.19E-01	Not Modelled	1.37E-01	2.40E-04	2.26E-01	2.60E-02	5.19E-03	5.19E-10	2.60E-03	6.21E-05	4.58E-05	1.27E-04	4.19E-04	2.48E-03	3.96E-05	8.95E-04	4.54E-02	4.21E-03	5.42E-02
1686	NG_382	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.057	2.47E-01	4.94E-01	Not Modelled	1.30E-01	2.29E-04	2.17E-01	2.47E-02	4.94E-03	4.94E-10	2.47E-03	5.91E-05	4.36E-05	1.21E-04	3.99E-04	2.36E-03	3.77E-05	8.51E-04	4.33E-02	4.01E-03	5.16E-02
1687	NG_383	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.057	2.33E-01	4.67E-01	Not Modelled	1.22E-01	2.16E-04	2.06E-01	2.33E-02	4.67E-03	4.67E-10	2.34E-03	5.59E-05	4.12E-05	1.15E-04	3.77E-04	2.23E-03	3.56E-05	8.05E-04	4.09E-02	3.79E-03	4.87E-02
1688	NG_384	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.057	2.20E-01	4.40E-01	Not Modelled	1.13E-01	2.04E-04	1.93E-01	2.20E-02	4.40E-03	4.40E-10	2.20E-03	5.26E-05	3.88E-05	1.08E-04	3.55E-04	2.10E-03	3.36E-05	7.58E-04	3.85E-02	3.57E-03	4.59E-02
1689	NG_385	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.057	2.09E-01	4.18E-01	Not Modelled	1.05E-01	1.93E-04	1.82E-01	2.09E-02	4.18E-03	4.18E-10	2.09E-03	5.00E-05	3.68E-05	1.02E-04	3.37E-04	1.99E-03	3.19E-05	7.20E-04	3.66E-02	3.39E-03	4.36E-02
1690	NG_386	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.057	2.01E-01	4.02E-01	Not Modelled	9.87E-02	1.86E-04	1.72E-01	2.01E-02	4.02E-03	4.02E-10	2.01E-03	4.81E-05	3.54E-05	9.85E-05	3.24E-04	1.92E-03	3.07E-05	6.92E-04	3.52E-02	3.26E-03	4.19E-02
1691	NG_387	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.057	1.99E-01	3.98E-01	Not Modelled	9.49E-02	1.84E-04	1.67E-01	1.99E-02	3.98E-03	3.98E-10	1.99E-03	4.76E-05	3.51E-05	9.76E-05	3.21E-04	1.90E-03	3.04E-05	6.86E-04	3.48E-02	3.23E-03	4.15E-02
1692	NG_388	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.057	2.09E-01	4.19E-01	Not Modelled	9.67E-02	1.94E-04	1.71E-01	2.09E-02	4.19E-03	4.19E-10	2.09E-03	5.01E-05	3.69E-05	1.03E-04	3.38E-04	2.00E-03	3.20E-05	7.22E-04	3.67E-02	3.40E-03	4.37E-02
1693	NG_389	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.057	2.36E-01	4.73E-01	Not Modelled	1.05E-01	2.19E-04	1.88E-01	2.36E-02	4.73E-03	4.73E-10	2.36E-03	5.66E-05	4.17E-05	1.16E-04	3.82E-04	2.26E-03	3.61E-05	8.15E-04	4.14E-02	3.83E-03	4.93E-02
1694	NG_390	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.057	2.78E-01	5.56E-01	Not Modelled	1.20E-01	2.57E-04	2.14E-01	2.78E-02	5.56E-03	5.56E-10	2.78E-03	6.65E-05	4.90E-05	1.36E-04	4.49E-04	2.65E-03	4.24E-05	9.58E-04	4.87E-02	4.51E-03	5.80E-02
1695	NG_391	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.057	3.28E-01	6.55E-01	Not Modelled	1.38E-01	3.03E-04	2.46E-01	3.28E-02	6.55E-03	6.55E-10	3.28E-03	7.84E-05	5.77E-05	1.61E-04	5.29E-04	3.13E-03	5.00E-05	1.13E-03	5.74E-02	5.31E-03	6.84E-02
1696	NG_392	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.057	3.78E-01	7.57E-01	Not Modelled	1.55E-01	3.50E-04	2.75E-01	3.78E-02	7.57E-03	7.57E-10	3.79E-03	9.06E-05	6.67E-05	1.86E-04	6.11E-04	3.61E-03	5.78E-05	1.30E-03	6.63E-02	6.14E-03	7.90E-02
1697	NG_393	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.057	4.33E-01	8.66E-01	Not Modelled	1.73E-01	4.01E-04	3.03E-01	4.33E-02	8.66E-03	8.66E-10	4.33E-03	1.04E-04	7.63E-05	2.12E-04	6.99E-04	4.13E-03	6.61E-05	1.49E-03	7.58E-02	7.02E-03	9.04E-02
1698	NG_394	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.057	4.98E-01	9.97E-01	Not Modelled	1.92E-01	4.61E-04	3.33E-01	4.98E-02	9.96E-03	9.96E-10	4.98E-03	1.19E-04	8.78E-05	2.44E-04	8.04E-04	4.76E-03	7.61E-05	1.72E-03	8.72E-02	8.08E-03	1.04E-01
1699	NG_395	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.057	5.79E-01	1.16E+00	Not Modelled	2.16E-01	5.35E-04	3.70E-01	5.79E-02	1.16E-02	1.16E-09	5.79E-03	1.38E-04	1.02E-04	2.84E-04	9.35E-04	5.53E-03	8.84E-05	2.00E-03	1.01E-01	9.39E-03	1.21E-01
1718	NG_414	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.107	2.33E-01	4.67E-01	Not Modelled	1.08E-01	2.16E-04	1.73E-01	2.33E-02	4.67E-03	4.67E-10	2.34E-03	5.58E-05	4.11E-05	1.14E-04	3.77E-04	2.23E-03	3.56E-05	8.04E-04	4.09E-02	3.79E-03	4.87E-02
1719	NG_415	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.107	2.53E-01	5.06E-01	Not Modelled	1.18E-01	2.34E-04	1.90E-01	2.53E-02	5.06E-03	5.06E-10	2.53E-03	6.05E-05	4.46E-05	1.24E-04	4.09E-04	2.42E-03	3.86E-05	8.72E-04	4.43E-02	4.11E-03	5.28E-02
1720	NG_416	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.107	2.70E-01	5.40E-01	Not Modelled	1.27E-01	2.50E-04	2.05E-01	2.70E-02	5.39E-03	5.39E-10	2.70E-03	6.45E-05	4.75E-05	1.32E-04	4.36E-04	2.57E-03	4.12E-05	9.29E-04	4.72E-02	4.38E-03	5.63E-02
1721	NG_417	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.107	2.88E-01	5.76E-01	Not Modelled	1.38E-01	2.66E-04	2.24E-01	2.88E-02	5.76E-03	5.76E-10	2.88E-03	6.89E-05	5.07E-05	1.41E-04	4.65E-04	2.75E-03	4.39E-05	9.92E-04	5.04E-02	4.67E-03	6.01E-02
1722	NG_418	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.107	3.09E-01	6.18E-01	Not Modelled	1.52E-01	2.86E-04	2.47E-01	3.09E-02	6.18E-03	6.18E-10	3.09E-03	7.39E-05	5.45E-05	1.52E-04	4.99E-04	2.95E-03	4.72E-05	1.07E-03	5.41E-02	5.01E-03	6.45E-02
1723	NG_419	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.107	3.25E-01	6.51E-01	Not Modelled	1.63E-01	3.01E-04	2.67E-01	3.25E-02	6.50E-03	6.50E-10	3.25E-03	7.78E-05	5.73E-05	1.60E-04	5.25E-04	3.10E-03	4.96E-05	1.12E-03	5.69E-02	5.28E-03	6.79E-02
1724	NG_420	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.107	3.30E-01	6.60E-01	Not Modelled	1.68E-01	3.05E-04	2.77E-01	3.30E-02	6.59E-03	6.59E-10	3.30E-03	7.89E-05	5.81E-05	1.62E-04	5.33E-04	3.15E-03	5.03E-05	1.14E-03	5.77E-02	5.35E-03	6.88E-02
1725	NG_421	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.107	3.24E-01	6.48E-01	Not Modelled	1.68E-01	3.00E-04	2.78E-01	3.24E-02	6.48E-03	6.48E-10	3.24E-03	7.75E-05	5.71E-05	1.59E-04	5.23E-04	3.09E-03	4.94E-05	1.12E-03	5.67E-02	5.25E-03	6.76E-02
1726	NG_422	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.107	3.13E-01	6.26E-01	Not Modelled	1.64E-01	2.90E-04	2.74E-01	3.13E-02	6.26E-03	6.26E-10	3.13E-03	7.49E-05	5.52E-05	1.54E-04	5.06E-04	2.99E-03	4.78E-05	1.08E-03	5.48E-02	5.08E-03	6.54E-02
1727	NG_423	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.107	2.98E-01	5.96E-01	Not Modelled	1.57E-01	2.76E-04	2.64E-01	2.98E-02	5.96E-03	5.96E-10	2.98E-03	7.13E-05	5.25E-05	1.46E-04	4.81E-04	2.85E-03	4.55E-05	1.03E-03	5.22E-02	4.84E-03	6.22E-02
1728	NG_424	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.107	2.80E-01	5.61E-01	Not Modelled	1.47E-01	2.59E-04	2.50E-01	2.80E-02	5.61E-03	5.61E-10	2.80E-03	6.71E-05	4.94E-05	1.37E-04	4.53E-04	2.68E-03	4.28E-05	9.66E-04	4.91E-02	4.55E-03	5.85E-02
1729	NG_425	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.107	2.62E-01	5.23E-01	Not Modelled	1.36E-01	2.42E-04	2.33E-01	2.62E-02	5.23E-03	5.23E-10	2.62E-03	6.26E-05	4.61E-05	1.28E-04	4.23E-04	2.50E-03	3.99E-05	9.02E-04	4.58E-02	4.25E-03	5.46E-02
1730	NG_426	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.107	2.47E-01	4.94E-01	Not Modelled	1.26E-01	2.29E-04	2.19E-01	2.47E-02	4.94E-03	4.94E-10	2.47E-03	5.91E-05	4.35E-05	1.21E-04	3.99E-04	2.36E-03	3.77E-05	8.51E-04	4.32E-02	4.01E-03	5.16E-02
1732	NG_428	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.107	2.30E-01	4.60E-01	Not Modelled	1.10E-01	2.13E-04	1.96E-01	2.30E-02	4.60E-03	4.60E-10	2.30E-03	5.50E-05	4.05E-05	1.13E-04	3.71E-04	2.19E-03	3.51E-05	7.92E-04	4.02E-02	3.73E-03	4.80E-02
1733	NG_429	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.107	2.39E-01	4.79E-01	Not Modelled	1.11E-01	2.21E-04	1.99E-01	2.39E-02	4.78E-03	4.78E-10	2.39E-03	5.72E-05	4.22E-05	1.17E-04	3.86E-04	2.28E-03	3.65E-05	8.25E-04	4.19E-02	3.88E-03	4.99E-02
1734	NG_430	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.107	2.72E-01	5.45E-01	Not Modelled	1.22E-01	2.52E-04	2.19E-01	2.72E-02	5.44E-03	5.44E-10	2.72E-03	6.51E-05	4.80E-05	1.34E-04	4.40E-04	2.60E-03	4.16E-05	9.39E-04	4.77E-02	4.42E-03	5.68E-02
1735	NG_431	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.107	3.28E-01	6.55E-01	Not Modelled	1.42E-01	3.03E-04	2.56E-01	3.28E-02	6.55E-03	6.55E-10	3.28E-03	7.84E-05	5.77E-05	1.61E-04	5.29E-04	3.13E-03	5.00E-05	1.13E-03	5.74E-02	5.31E-03	6.84E-02
1736	NG_432	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.107	3.97E-01	7.94E-01	Not Modelled	1.67E-01	3.67E-04	3.01E-01	3.97E-02	7.93E-03	7.93E-10	3.97E-03	9.49E-05	6.99E-05	1.95E-04	6.41E-04	3.79E-03	6.06E-05	1.37E-03	6.95E-02	6.44E-03	8.28E-02
1737	NG_433	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.107	4.69E-01	9.38E-01	Not Modelled	1.92E-01	4.34E-04	3.43E-01	4.69E-02	9.38E-03	9.38E-10	4.69E-03	1.12E-04	8.27E-05	2.30E-04	7.57E-04	4.48E-03	7.16E-05	1.62E-03	8.21E-02	7.61E-03	9.79E-02
1738	NG_434	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.107	5.42E-01	1.08E+00	Not Modelled	2.13E-01	5.01E-04	3.78E-01	5.42E-02	1.08E-02	1.08E-09	5.42E-03	1.30E-04	9.55E-05	2.66E-04	8.75E-04	5.17E-03	8.27E-05	1.87E-03	9.48E-02	8.79E-03	1.13E-01
1739	NG_435	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.107	6.34E-01	1.27E+00	Not Modelled	2.40E-01	5.86E-04	4.21E-01	6.34E-02	1.27E-02	1.27E-09	6.34E-03	1.52E-04	1.12E-04	3.11E-04	1.02E-03	6.05E-03	9.68E-05	2.19E-03	1.11E-01	1.03E-02	1.32E-01
1740	NG_436	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.107	7.41E-01	1.48E+00	Not Modelled	2.72E-01	6.86E-04	4.69E-01	7.41E-02	1.48E-02	1.48E-09	7.41E-03	1.77E-04	1.31E-04	3.64E-04	1.20E-03	7.08E-03	1.13E-04	2.56E-03	1.30E-01	1.20E-02	1.55E-01
1760	NG_456	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.157	2.57E-01	5.15E-01	Not Modelled	1.19E-01	2.38E-04	1.95E-01	2.57E-02	5.15E-03	5.15E-10	2.58E-03	6.16E-05	4.54E-05	1.26E-04	4.16E-04	2.46E-03	3.93E-05	8.87E-04	4.51E-02	4.18E-03	5.37E-02
1761	NG_457	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.157	2.80E-01	5.60E-01	Not Modelled	1.30E-01	2.59E-04	2.13E-01	2.80E-02	5.60E-03	5.60E-10	2.80E-03	6.69E-05	4.93E-05	1.37E-04	4.52E-04	2.67E-03	4.27E-05	9.65E-04	4.90E-02	4.54E-03	5.84E-02
1762	NG_458	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.157	3.05E-01	6.09E-01	Not Modelled	1.44E-01	2.82E-04	2.36E-01	3.05E-02	6.09E-03	6.09E-10	3.05E-03	7.29E-05	5.37E-05	1.49E-04	4.92E-04	2.91E-03	4.65E-05	1.05E-03	5.33E-02	4.94E-03	6.36E-02
1763	NG_459	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.157	3.34E-01	6.67E-01	Not Modelled	1.60E-01	3.09E-04	2.64E-01	3.34E-02	6.67E-03	6.67E-10	3.34E-03	7.98E-05	5.88E-05	1.64E-04	5.39E-04	3.19E-03	5.09E-05	1.15E-03	5.84E-02	5.41E-03	6.96E-02
1764	NG_460	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.157	3.60E-01	7.21E-01	Not Modelled	1.76E-01	3.34E-04	2.93E-01	3.61E-02	7.21E-03	7.21E-10	3.61E-03	8.62E-05	6.35E-05	1.77E-04	5.82E-04	3.44E-03	5.50E-05	1.24E-03	6.31E-02	5.85E-03	7.52E-02

AQIA DATA - SCENARIO 2 COMMERCIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**0.000**	**0.024**	**0.001**	**0.000**	**0.001**	**0.004**	**0.023**	**0.000**	**0.008**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1765	NG_461	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.157	3.78E-01	7.56E-01	Not Modelled	1.88E-01	3.50E-04	3.14E-01	3.78E-02	7.55E-03	7.55E-10	3.78E-03	9.04E-05	6.66E-05	1.85E-04	6.10E-04	3.61E-03	5.77E-05	1.30E-03	6.61E-02	6.13E-03	7.88E-02
1766	NG_462	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.157	3.82E-01	7.65E-01	Not Modelled	1.93E-01	3.54E-04	3.25E-01	3.82E-02	7.65E-03	7.65E-10	3.83E-03	9.15E-05	6.74E-05	1.88E-04	6.18E-04	3.65E-03	5.84E-05	1.32E-03	6.69E-02	6.20E-03	7.98E-02
1767	NG_463	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.157	3.77E-01	7.55E-01	Not Modelled	1.94E-01	3.49E-04	3.28E-01	3.77E-02	7.55E-03	7.55E-10	3.78E-03	9.03E-05	6.65E-05	1.85E-04	6.09E-04	3.60E-03	5.76E-05	1.30E-03	6.61E-02	6.12E-03	7.88E-02
1768	NG_464	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.157	3.65E-01	7.30E-01	Not Modelled	1.90E-01	3.38E-04	3.24E-01	3.65E-02	7.30E-03	7.30E-10	3.65E-03	8.73E-05	6.43E-05	1.79E-04	5.89E-04	3.48E-03	5.57E-05	1.26E-03	6.39E-02	5.92E-03	7.61E-02
1769	NG_465	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.157	3.44E-01	6.89E-01	Not Modelled	1.80E-01	3.19E-04	3.10E-01	3.44E-02	6.89E-03	6.89E-10	3.44E-03	8.24E-05	6.07E-05	1.69E-04	5.56E-04	3.29E-03	5.26E-05	1.19E-03	6.03E-02	5.59E-03	7.19E-02
1770	NG_466	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.157	3.19E-01	6.39E-01	Not Modelled	1.66E-01	2.96E-04	2.88E-01	3.19E-02	6.39E-03	6.39E-10	3.20E-03	7.64E-05	5.63E-05	1.57E-04	5.16E-04	3.05E-03	4.88E-05	1.10E-03	5.59E-02	5.18E-03	6.67E-02
1771	NG_467	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.157	2.98E-01	5.95E-01	Not Modelled	1.53E-01	2.75E-04	2.68E-01	2.98E-02	5.95E-03	5.95E-10	2.98E-03	7.12E-05	5.25E-05	1.46E-04	4.81E-04	2.84E-03	4.54E-05	1.03E-03	5.21E-02	4.83E-03	6.21E-02
1774	NG_470	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.157	2.76E-01	5.53E-01	Not Modelled	1.29E-01	2.56E-04	2.33E-01	2.76E-02	5.52E-03	5.52E-10	2.76E-03	6.61E-05	4.87E-05	1.35E-04	4.46E-04	2.64E-03	4.22E-05	9.52E-04	4.84E-02	4.48E-03	5.77E-02
1775	NG_471	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.157	3.15E-01	6.30E-01	Not Modelled	1.41E-01	2.91E-04	2.57E-01	3.15E-02	6.30E-03	6.30E-10	3.15E-03	7.53E-05	5.55E-05	1.54E-04	5.08E-04	3.01E-03	4.81E-05	1.09E-03	5.51E-02	5.11E-03	6.57E-02
1776	NG_472	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.157	3.84E-01	7.69E-01	Not Modelled	1.66E-01	3.56E-04	3.04E-01	3.84E-02	7.68E-03	7.68E-10	3.84E-03	9.20E-05	6.77E-05	1.88E-04	6.21E-04	3.67E-03	5.87E-05	1.33E-03	6.73E-02	6.23E-03	8.02E-02
1777	NG_473	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.157	4.78E-01	9.56E-01	Not Modelled	2.01E-01	4.42E-04	3.65E-01	4.78E-02	9.55E-03	9.55E-10	4.78E-03	1.14E-04	8.42E-05	2.34E-04	7.72E-04	4.56E-03	7.30E-05	1.65E-03	8.36E-02	7.75E-03	9.97E-02
1778	NG_474	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.157	5.88E-01	1.18E+00	Not Modelled	2.38E-01	5.44E-04	4.31E-01	5.88E-02	1.18E-02	1.18E-09	5.88E-03	1.41E-04	1.04E-04	2.88E-04	9.50E-04	5.62E-03	8.98E-05	2.03E-03	1.03E-01	9.54E-03	1.23E-01
1779	NG_475	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.157	7.13E-01	1.43E+00	Not Modelled	2.77E-01	6.59E-04	4.95E-01	7.13E-02	1.43E-02	1.43E-09	7.13E-03	1.71E-04	1.26E-04	3.50E-04	1.15E-03	6.81E-03	1.09E-04	2.46E-03	1.25E-01	1.16E-02	1.49E-01
1780	NG_476	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.157	8.52E-01	1.70E+00	Not Modelled	3.18E-01	7.88E-04	5.60E-01	8.52E-02	1.70E-02	1.70E-09	8.52E-03	2.04E-04	1.50E-04	4.18E-04	1.38E-03	8.14E-03	1.30E-04	2.94E-03	1.49E-01	1.38E-02	1.78E-01
1781	NG_477	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.157	9.91E-01	1.98E+00	Not Modelled	3.58E-01	9.17E-04	6.23E-01	9.91E-02	1.98E-02	1.98E-09	9.91E-03	2.37E-04	1.75E-04	4.86E-04	1.60E-03	9.46E-03	1.51E-04	3.42E-03	1.73E-01	1.61E-02	2.07E-01
1801	NG_497	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.207	2.57E-01	5.15E-01	Not Modelled	1.19E-01	2.38E-04	1.98E-01	2.57E-02	5.14E-03	5.14E-10	2.57E-03	6.15E-05	4.54E-05	1.26E-04	4.15E-04	2.46E-03	3.93E-05	8.87E-04	4.50E-02	4.17E-03	5.37E-02
1802	NG_498	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.207	2.84E-01	5.69E-01	Not Modelled	1.32E-01	2.63E-04	2.20E-01	2.84E-02	5.68E-03	5.68E-10	2.84E-03	6.80E-05	5.01E-05	1.39E-04	4.59E-04	2.71E-03	4.34E-05	9.80E-04	4.98E-02	4.61E-03	5.93E-02
1803	NG_499	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.207	3.14E-01	6.28E-01	Not Modelled	1.46E-01	2.91E-04	2.44E-01	3.14E-02	6.28E-03	6.28E-10	3.14E-03	7.51E-05	5.53E-05	1.54E-04	5.07E-04	3.00E-03	4.79E-05	1.08E-03	5.49E-02	5.09E-03	6.55E-02
1804	NG_500	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.207	3.50E-01	7.00E-01	Not Modelled	1.65E-01	3.24E-04	2.76E-01	3.50E-02	7.00E-03	7.00E-10	3.50E-03	8.37E-05	6.17E-05	1.72E-04	5.65E-04	3.34E-03	5.34E-05	1.21E-03	6.13E-02	5.68E-03	7.31E-02
1805	NG_501	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.207	3.87E-01	7.74E-01	Not Modelled	1.84E-01	3.58E-04	3.10E-01	3.87E-02	7.74E-03	7.74E-10	3.87E-03	9.25E-05	6.82E-05	1.90E-04	6.25E-04	3.69E-03	5.91E-05	1.33E-03	6.77E-02	6.28E-03	8.07E-02
1806	NG_502	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.207	4.20E-01	8.41E-01	Not Modelled	2.03E-01	3.89E-04	3.44E-01	4.20E-02	8.41E-03	8.41E-10	4.21E-03	1.01E-04	7.41E-05	2.06E-04	6.79E-04	4.01E-03	6.42E-05	1.45E-03	7.36E-02	6.82E-03	8.77E-02
1807	NG_503	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.207	4.41E-01	8.82E-01	Not Modelled	2.17E-01	4.08E-04	3.68E-01	4.41E-02	8.81E-03	8.81E-10	4.41E-03	1.05E-04	7.77E-05	2.16E-04	7.12E-04	4.21E-03	6.73E-05	1.52E-03	7.71E-02	7.15E-03	9.20E-02
1808	NG_504	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.207	4.53E-01	9.06E-01	Not Modelled	2.27E-01	4.19E-04	3.89E-01	4.53E-02	9.06E-03	9.06E-10	4.53E-03	1.08E-04	7.98E-05	2.22E-04	7.31E-04	4.32E-03	6.91E-05	1.56E-03	7.93E-02	7.35E-03	9.45E-02
1809	NG_505	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.207	4.50E-01	8.99E-01	Not Modelled	2.30E-01	4.16E-04	3.95E-01	4.50E-02	8.99E-03	8.99E-10	4.50E-03	1.08E-04	7.92E-05	2.20E-04	7.26E-04	4.29E-03	6.86E-05	1.55E-03	7.87E-02	7.29E-03	9.38E-02
1810	NG_506	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.207	4.30E-01	8.61E-01	Not Modelled	2.23E-01	3.98E-04	3.86E-01	4.30E-02	8.61E-03	8.61E-10	4.31E-03	1.03E-04	7.59E-05	2.11E-04	6.95E-04	4.11E-03	6.57E-05	1.48E-03	7.54E-02	6.98E-03	8.98E-02
1811	NG_507	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.207	3.99E-01	7.98E-01	Not Modelled	2.07E-01	3.69E-04	3.62E-01	3.99E-02	7.98E-03	7.98E-10	3.99E-03	9.55E-05	7.03E-05	1.96E-04	6.44E-04	3.81E-03	6.09E-05	1.38E-03	6.99E-02	6.48E-03	8.33E-02
1817	NG_513	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.207	4.59E-01	9.18E-01	Not Modelled	2.00E-01	4.24E-04	3.68E-01	4.59E-02	9.17E-03	9.17E-10	4.59E-03	1.10E-04	8.09E-05	2.25E-04	7.41E-04	4.38E-03	7.01E-05	1.58E-03	8.03E-02	7.44E-03	9.57E-02
1818	NG_514	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.207	5.88E-01	1.18E+00	Not Modelled	2.45E-01	5.44E-04	4.50E-01	5.88E-02	1.18E-02	1.18E-09	5.88E-03	1.41E-04	1.04E-04	2.88E-04	9.49E-04	5.61E-03	8.98E-05	2.03E-03	1.03E-01	9.54E-03	1.23E-01
1819	NG_515	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.207	7.62E-01	1.52E+00	Not Modelled	3.03E-01	7.05E-04	5.52E-01	7.62E-02	1.52E-02	1.52E-09	7.62E-03	1.82E-04	1.34E-04	3.74E-04	1.23E-03	7.28E-03	1.16E-04	2.63E-03	1.33E-01	1.24E-02	1.59E-01
1820	NG_516	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.207	9.67E-01	1.93E+00	Not Modelled	3.68E-01	8.94E-04	6.62E-01	9.67E-02	1.93E-02	1.93E-09	9.67E-03	2.31E-04	1.70E-04	4.74E-04	1.56E-03	9.23E-03	1.48E-04	3.33E-03	1.69E-01	1.57E-02	2.02E-01
1821	NG_517	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.207	1.17E+00	2.35E+00	Not Modelled	4.30E-01	1.09E-03	7.64E-01	1.17E-01	2.35E-02	2.35E-09	1.17E-02	2.81E-04	2.07E-04	5.76E-04	1.90E-03	1.12E-02	1.79E-04	4.05E-03	2.06E-01	1.90E-02	2.45E-01
1842	NG_538	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.257	2.54E-01	5.09E-01	Not Modelled	1.19E-01	2.35E-04	2.00E-01	2.54E-02	5.09E-03	5.09E-10	2.55E-03	6.09E-05	4.48E-05	1.25E-04	4.11E-04	2.43E-03	3.88E-05	8.77E-04	4.45E-02	4.13E-03	5.31E-02
1843	NG_539	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.257	2.81E-01	5.63E-01	Not Modelled	1.32E-01	2.60E-04	2.22E-01	2.81E-02	5.63E-03	5.63E-10	2.82E-03	6.73E-05	4.96E-05	1.38E-04	4.54E-04	2.69E-03	4.30E-05	9.70E-04	4.93E-02	4.57E-03	5.87E-02
1844	NG_540	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.257	3.15E-01	6.31E-01	Not Modelled	1.47E-01	2.92E-04	2.49E-01	3.16E-02	6.31E-03	6.31E-10	3.16E-03	7.55E-05	5.56E-05	1.55E-04	5.09E-04	3.01E-03	4.82E-05	1.09E-03	5.52E-02	5.12E-03	6.58E-02
1845	NG_541	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.257	3.57E-01	7.15E-01	Not Modelled	1.67E-01	3.31E-04	2.83E-01	3.57E-02	7.15E-03	7.15E-10	3.57E-03	8.55E-05	6.30E-05	1.75E-04	5.77E-04	3.41E-03	5.45E-05	1.23E-03	6.26E-02	5.80E-03	7.46E-02
1846	NG_542	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.257	4.04E-01	8.08E-01	Not Modelled	1.89E-01	3.74E-04	3.22E-01	4.04E-02	8.07E-03	8.07E-10	4.04E-03	9.66E-05	7.12E-05	1.98E-04	6.52E-04	3.85E-03	6.16E-05	1.39E-03	7.07E-02	6.55E-03	8.43E-02
1847	NG_543	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.257	4.49E-01	8.99E-01	Not Modelled	2.12E-01	4.16E-04	3.63E-01	4.49E-02	8.98E-03	8.98E-10	4.50E-03	1.07E-04	7.92E-05	2.20E-04	7.25E-04	4.29E-03	6.86E-05	1.55E-03	7.87E-02	7.29E-03	9.38E-02
1848	NG_544	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.257	4.94E-01	9.88E-01	Not Modelled	2.37E-01	4.57E-04	4.08E-01	4.94E-02	9.88E-03	9.88E-10	4.94E-03	1.18E-04	8.71E-05	2.42E-04	7.98E-04	4.72E-03	7.54E-05	1.70E-03	8.65E-02	8.02E-03	1.03E-01
1849	NG_545	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.257	5.33E-01	1.07E+00	Not Modelled	2.60E-01	4.93E-04	4.50E-01	5.33E-02	1.07E-02	1.07E-09	5.33E-03	1.27E-04	9.39E-05	2.61E-04	8.61E-04	5.09E-03	8.14E-05	1.84E-03	9.33E-02	8.65E-03	1.11E-01
1850	NG_546	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.257	5.52E-01	1.11E+00	Not Modelled	2.74E-01	5.11E-04	4.77E-01	5.52E-02	1.10E-02	1.10E-09	5.53E-03	1.32E-04	9.74E-05	2.71E-04	8.92E-04	5.27E-03	8.43E-05	1.90E-03	9.67E-02	8.96E-03	1.15E-01
1851	NG_547	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.257	5.46E-01	1.09E+00	Not Modelled	2.76E-01	5.05E-04	4.83E-01	5.46E-02	1.09E-02	1.09E-09	5.46E-03	1.31E-04	9.62E-05	2.68E-04	8.82E-04	5.21E-03	8.33E-05	1.88E-03	9.56E-02	8.86E-03	1.14E-01
1852	NG_548	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.257	5.14E-01	1.03E+00	Not Modelled	2.64E-01	4.76E-04	4.67E-01	5.15E-02	1.03E-02	1.03E-09	5.15E-03	1.23E-04	9.07E-05	2.52E-04	8.31E-04	4.91E-03	7.85E-05	1.77E-03	9.01E-02	8.35E-03	1.07E-01
1859	NG_555	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.257	7.85E-01	1.57E+00	Not Modelled	3.24E-01	7.26E-04	6.02E-01	7.85E-02	1.57E-02	1.57E-09	7.85E-03	1.88E-04	1.38E-04	3.85E-04	1.27E-03	7.49E-03	1.20E-04	2.71E-03	1.37E-01	1.27E-02	1.64E-01
1860	NG_556	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.257	1.07E+00	2.14E+00	Not Modelled	4.18E-01	9.92E-04	7.67E-01	1.07E-01	2.14E-02	2.14E-09	1.07E-02	2.57E-04	1.89E-04	5.26E-04	1.73E-03	1.02E-02	1.64E-04	3.70E-03	1.88E-01	1.74E-02	2.24E-01
1861	NG_557	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.257	1.39E+00	2.78E+00	Not Modelled	5.15E-01	1.28E-03	9.34E-01	1.39E-01	2.78E-02	2.78E-09	1.39E-02	3.32E-04	2.45E-04	6.81E-04	2.24E-03	1.33E-02	2.12E-04	4.79E-03	2.43E-01	2.25E-02	2.90E-01
1862	NG_558	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.257	1.62E+00	3.24E+00	Not Modelled	5.84E-01	1.50E-03	1.04E+00	1.62E-01	3.24E-02	3.24E-09	1.62E-02	3.88E-04	2.85E-04	7.94E-04	2.61E-03	1.55E-02	2.47E-04	5.58E-03	2.84E-01	2.63E-02	3.38E-01
1882	NG_578	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.307	2.29E-01	4.58E-01	Not Modelled	1.10E-01	2.12E-04	1.87E-01	2.29E-02	4.58E-03	4.58E-10	2.29E-03	5.48E-05	4.04E-05	1.12E-04	3.70E-04	2.19E-03	3.50E-05	7.89E-04	4.01E-02	3.72E-03	4.78E-02
1883	NG_579	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.307	2.51E-01	5.02E-01	Not Modelled	1.20E-01	2.32E-04	2.04E-01	2.51E-02	5.01E-03	5.01E-10	2.51E-03	6.00E-05	4.42E-05	1.23E-04	4.05E-04	2.39E-03	3.83E-05	8.64E-04	4.39E-02	4.07E-03	5.23E-02
1884	NG_580	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.307	2.77E-01	5.54E-01	Not Modelled	1.31E-01	2.56E-04	2.24E-01	2.77E-02	5.54E-03	5.54E-10	2.77E-03	6.63E-05	4.88E-05	1.36E-04	4.47E-04	2.64E-03	4.23E-05	9.55E-04	4.85E-02	4.49E-03	5.78E-02
1885	NG_581	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.307	3.13E-01	6.25E-01	Not Modelled	1.47E-01	2.89E-04	2.53E-01	3.13E-02	6.25E-03	6.25E-10	3.13E-03	7.48E-05	5.51E-05	1.53E-04	5.05E-04	2.98E-03	4.77E-05	1.08E-03	5.47E-02	5.07E-03	6.52E-02
1887	NG_583	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.307	4.09E-01	8.18E-01	Not Modelled	1.90E-01	3.78E-04	3.29E-01	4.09E-02	8.17E-03	8.17E-10	4.09E-03	9.78E-05	7.20E-05	2.00E-04	6.60E-04	3.90E-03	6.24E-05	1.41E-03	7.15E-02	6.63E-03	8.53E-02
1888	NG_584	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.307	4.64E-01	9.29E-01	Not Modelled	2.17E-01	4.30E-04	3.76E-01	4.64E-02	9.29E-03	9.29E-10	4.65E-03	1.11E-04	8.19E-05	2.28E-04	7.50E-04	4.43E-03	7.09E-05	1.60E-03	8.13E-02	7.54E-03	9.69E-02
1889	NG_585	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.307	5.32E-01	1.06E+00	Not Modelled	2.50E-01	4.92E-04	4.36E-01	5.32E-02	1.06E-02	1.06E-09	5.32E-03	1.27E-04	9.38E-05	2.61E-04	8.59E-04	5.08E-03	8.12E-05	1.83E-03	9.31E-02	8.63E-03	1.11E-01
1890	NG_586	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.307	6.04E-01	1.21E+00	Not Modelled	2.87E-01	5.59E-04	5.02E-01	6.04E-02	1.21E-02	1.21E-09	6.05E-03	1.45E-04	1.07E-04	2.96E-04	9.76E-04	5.77E-03	9.23E-05	2.08E-03	1.06E-01	9.81E-03	1.26E-01
1891	NG_587	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.307	6.60E-01	1.32E+00	Not Modelled	3.17E-01	6.11E-04	5.58E-01	6.60E-02	1.32E-02	1.32E-09	6.61E-03	1.58E-04	1.16E-04	3.24E-04	1.07E-03	6.30E-03	1.01E-04	2.28E-03	1.16E-01	1.07E-02	1.38E-01
1892	NG_588	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.307	6.86E-01	1.37E+00	Not Modelled	3.36E-01	6.35E-04	5.95E-01	6.86E-02	1.37E-02	1.37E-09	6.86E-03	1.64E-04	1.21E-04	3.36E-04	1.11E-03	6.55E-03	1.05E-04	2.36E-03	1.20E-01	1.11E-02	1.43E-01
1893	NG_589	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.307	6.84E-01	1.37E+00	Not Modelled	3.46E-01	6.33E-04	6.17E-01	6.84E-02	1.37E-02	1.37E-09	6.85E-03	1.64E-04	1.21E-04	3.36E-04	1.11E-03	6.53E-03	1.04E-04	2.36E-03	1.20E-01	1.11E-02	1.43E-01
1900	NG_596	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.307	1.18E+00	2.36E+00	Not Modelled	4.76E-01	1.09E-03	8.94E-01	1.18E-01	2.36E-02	2.36E-09	1.18E-02	2.82E-04	2.08E-04	5.78E-04	1.90E-03	1.13E-02	1.80E-04	4.07E-03	2.06E-01	1.91E-02	2.46E-01
1901	NG_597	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.307	1.67E+00	3.35E+00	Not Modelled	6.33E-01	1.55E-03	1.17E+00	1.67E-01	3.35E-02	3.35E-09	1.67E-02	4.00E-04	2.95E-04	8.21E-04	2.70E-03	1.60E-02	2.56E-04	5.77E-03	2.93E-01	2.71E-02	3.49E-01
1902	NG_598	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.307	2.07E+00	4.14E+00	Not Modelled	7.52E-01	1.91E-03	1.37E+00	2.07E-01	4.14E-02	4.14E-09	2.07E-02	4.95E-04	3.65E-04	1.01E-03	3.34E-03	1.98E-02	3.16E-04	7.13E-03	3.62E-01	3.36E-02	4.32E-01
1903	NG_599	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.307	2.24E+00	4.48E+00	Not Modelled	7.97E-01	2.07E-03	1.43E+00	2.24E-01	4.48E-02	4.48E-09	2.24E-02	5.35E-04	3.94E-04	1.10E-03	3.61E-03	2.14E-02	3.42E-04	7.72E-03	3.92E-01	3.63E-02	4.67E-01
1922	NG_618	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.357	2.09E-01	4.17E-01	Not Modelled	1.03E-01	1.93E-04	1.75E-01	2.09E-02	4.17E-03	4.17E-10	2.09E-03	4.99E-05	3.68E-05	1.02E-04	3.37E-04	1.99E-03	3.18E-05	7.19E-04	3.65E-02	3.38E-03	4.35E-02
1923	NG_619	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.357	2.28E-01	4.57E-01	Not Modelled	1.12E-01	2.11E-04	1.92E-01	2.28E-02	4.57E-03	4.57E-10	2.29E-03	5.47E-05	4.03E-05	1.12E-04	3.69E-04	2.18E-03	3.49E-05	7.88E-04	4.00E-02	3.71E-03	4.77E-02
1924	NG_620	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.357	2.50E-01	5.01E-01	Not Modelled	1.22E-01	2.32E-04	2.10E-01	2.50E-02	5.00E-03	5.00E-10	2.50E-03	5.99E-05	4.41E-05	1.23E-04	4.04E-04	2.39E-03	3.82E-05	8.62E-04	4.38E-02	4.06E-03	5.22E-02
1925	NG_621	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.357	2.76E-01	5.53E-01	Not Modelled	1.34E-01	2.56E-04	2.31E-01	2.76E-02	5.53E-03	5.53E-10	2.77E-03	6.61E-05	4.87E-05	1.36E-04	4.46E-04	2.64E-03	4.22E-05	9.53E-04	4.84E-02	4.48E-03	5.77E-02
1926	NG_622	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.357	3.12E-01	6.23E-01	Not Modelled	1.49E-01	2.88E-04	2.60E-01	3.12E-02	6.23E-03	6.23E-10	3.12E-03	7.45E-05	5.49E-05	1.53E-04	5.03E-04	2.97E-03	4.76E-05	1.07E-03	5.46E-02	5.06E-03	6.50E-02
1927	NG_623	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.357	3.56E-01	7.12E-01	Not Modelled	1.69E-01	3.29E-04	2.96E-01	3.56E-02	7.12E-03	7.12E-10	3.56E-03	8.51E-05	6.27E-05	1.75E-04	5.75E-04	3.40E-03	5.43E-05	1.23E-03	6.23E-02	5.77E-03	7.43E-02
1928	NG_624	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.357	4.06E-01	8.12E-01	Not Modelled	1.91E-01	3.76E-04	3.35E-01	4.06E-02	8.12E-03	8.12E-10	4.06E-03	9.71E-05	7.15E-05	1.99E-04	6.55E-04	3.87E-03	6.20E-05	1.40E-03	7.11E-02	6.59E-03	8.47E-02
1929	NG_625	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.357	4.69E-01	9.39E-01	Not Modelled	2.20E-01	4.34E-04	3.88E-01	4.69E-02	9.38E-03	9.38E-10	4.69E-03	1.12E-04	8.27E-05	2.30E-04	7.58E-04	4.48E-03	7.16E-05	1.62E-03	8.21E-02	7.61E-03	9.79E-02
1930	NG_626	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.357	5.54E-01	1.11E+00	Not Modelled	2.59E-01	5.13E-04	4.59E-01	5.54E-02	1.11E-02	1.11E-09	5.54E-03	1.33E-04	9.77E-05	2.72E-04	8.95E-04	5.29E-03	8.46E-05	1.91E-03	9.70E-02	8.99E-03	1.16E-01
1931	NG_627	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.357	6.53E-01	1.31E+00	Not Modelled	3.04E-01	6.05E-04	5.40E-01	6.53E-02	1.31E-02	1.31E-09	6.54E-03	1.56E-04	1.15E-04	3.20E-04	1.05E-03	6.24E-03	9.97E-05	2.25E-03	1.14E-01	1.06E-02	1.36E-01
1932	NG_628	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.357	7.48E-01	1.50E+00	Not Modelled	3.49E-01	6.93E-04	6.23E-01	7.48E-02	1.50E-02	1.50E-09	7.49E-03	1.79E-04	1.32E-04	3.67E-04	1.21E-03	7.14E-03	1.14E-04	2.58E-03	1.31E-01	1.21E-02	1.56E-01
1933	NG_629	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.357	8.32E-01	1.66E+00	Not Modelled	3.97E-01	7.70E-04	7.12E-01	8.32E-02	1.66E-02	1.66E-09	8.32E-03	1.99E-04	1.47E-04	4.08E-04	1.34E-03	7.94E-03	1.27E-04	2.87E-03	1.46E-01	1.35E-02	1.74E-01
1934	NG_630	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.357	9.09E-01	1.82E+00	Not Modelled	4.47E-01	8.41E-04	8.09E-01	9.09E-02	1.82E-02	1.82E-09	9.09E-03	2.17E-04	1.60E-04	4.46E-04	1.47E-03	8.68E-03	1.39E-04	3.13E-03	1.59E-01	1.47E-02	1.90E-01
1961	NG_657	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.407	1.80E-01	3.61E-01	Not Modelled	9.12E-02	1.67E-04	1.54E-01	1.80E-02	3.61E-03	3.61E-10	1.80E-03	4.31E-05	3.18E-05	8.84E-05	2.91E-04	1.72E-03	2.75E-05	6.21E-04	3.16E-02	2.92E-03	3.76E-02
1962	NG_658	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.407	1.95E-01	3.91E-01	Not Modelled	9.89E-02	1.81E-04	1.68E-01	1.95E-02	3.91E-03	3.91E-10	1.96E-03	4.68E-05	3.45E-05	9.59E-05	3.16E-04	1.87E-03	2.98E-05	6.74E-04	3.42E-02	3.17E-03	4.08E-02
1963	NG_659	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.407	2.12E-01	4.24E-01	Not Modelled	1.07E-01	1.96E-04	1.83E-01	2.12E-02	4.24E-03	4.24E-10	2.12E-03	5.07E-05	3.74E-05	1.04E-04	3.42E-04	2.02E-03	3.24E-05	7.31E-04	3.71E-02	3.44E-03	4.42E-02
1964	NG_660	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.407	2.31E-01	4.62E-01	Not Modelled	1.16E-01	2.14E-04	1.99E-01	2.31E-02	4.62E-03	4.62E-10	2.31E-03	5.53E-05	4.07E-05	1.13E-04	3.73E-04	2.21E-03	3.53E-05	7.97E-04	4.05E-02	3.75E-03	4.82E-02
1965	NG_661	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.407	2.53E-01	5.06E-01	Not Modelled	1.26E-01	2.34E-04	2.18E-01	2.53E-02	5.06E-03	5.06E-10	2.53E-03	6.06E-05	4.46E-05	1.24E-04	4.09E-04	2.42E-03	3.86E-05	8.73E-04	4.43E-02	4.11E-03	5.28E-02
1966	NG_662	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.407	2.81E-01	5.62E-01	Not Modelled	1.39E-01	2.60E-04	2.43E-01	2.81E-02	5.62E-03	5.62E-10	2.81E-03	6.72E-05	4.95E-05	1.38E-04	4.54E-04	2.68E-03	4.29E-05	9.69E-04	4.92E-02	4.56E-03	5.87E-02
1967	NG_663	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.407	3.15E-01	6.31E-01	Not Modelled	1.55E-01	2.92E-04	2.72E-01	3.15E-02	6.30E-03	6.30E-10	3.15E-03	7.54E-05	5.56E-05	1.55E-04	5.09E-04	3.01E-03	4.81E-05	1.09E-03	5.52E-02	5.11E-03	6.58E-02
1968	NG_664	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.407	3.57E-01	7.14E-01	Not Modelled	1.73E-01	3.30E-04	3.06E-01	3.57E-02	7.13E-03	7.13E-10	3.57E-03	8.53E-05	6.29E-05	1.75E-04	5.76E-04	3.41E-03	5.45E-05	1.23E-03	6.25E-02	5.79E-03	7.45E-02
1969	NG_665	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.407	4.07E-01	8.14E-01	Not Modelled	1.96E-01	3.76E-04	3.48E-01	4.07E-02	8.13E-03	8.13E-10	4.07E-03	9.73E-05	7.17E-05	1.99E-04	6.57E-04	3.88E-03	6.21E-05	1.40E-03	7.12E-02	6.60E-03	8.49E-02
1970	NG_666	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.407	4.75E-01	9.51E-01	Not Modelled	2.28E-01	4.40E-04	4.07E-01	4.75E-02	9.50E-03	9.50E-10	4.75E-03	1.14E-04	8.38E-05	2.33E-04	7.67E-04	4.54E-03	7.26E-05	1.64E-03	8.32E-02	7.71E-03	9.92E-02
1971	NG_667	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.407	5.68E-01	1.14E+00	Not Modelled	2.69E-01	5.26E-04	4.84E-01	5.68E-02	1.14E-02	1.14E-09	5.68E-03	1.36E-04	1.00E-04	2.79E-04	9.17E-04	5.42E-03	8.67E-05	1.96E-03	9.94E-02	9.22E-03	1.19E-01

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 2 COMMERCIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**0.000**	**0.024**	**0.001**	**0.000**	**0.001**	**0.004**	**0.023**	**0.000**	**0.008**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1972	NG_668	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.407	6.81E-01	1.36E+00	Not Modelled	3.17E-01	6.30E-04	5.73E-01	6.81E-02	1.36E-02	1.36E-09	6.81E-03	1.63E-04	1.20E-04	3.34E-04	1.10E-03	6.50E-03	1.04E-04	2.35E-03	1.19E-01	1.10E-02	1.42E-01
1973	NG_669	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.407	8.04E-01	1.61E+00	Not Modelled	3.73E-01	7.44E-04	6.77E-01	8.04E-02	1.61E-02	1.61E-09	8.04E-03	1.92E-04	1.42E-04	3.94E-04	1.30E-03	7.68E-03	1.23E-04	2.77E-03	1.41E-01	1.30E-02	1.68E-01
1974	NG_670	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.407	9.54E-01	1.91E+00	Not Modelled	4.50E-01	8.83E-04	8.20E-01	9.54E-02	1.91E-02	1.91E-09	9.55E-03	2.28E-04	1.68E-04	4.68E-04	1.54E-03	9.11E-03	1.46E-04	3.29E-03	1.67E-01	1.55E-02	1.99E-01
1975	NG_671	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.407	1.14E+00	2.29E+00	Not Modelled	5.48E-01	1.06E-03	1.01E+00	1.14E-01	2.29E-02	2.29E-09	1.14E-02	2.73E-04	2.01E-04	5.60E-04	1.85E-03	1.09E-02	1.74E-04	3.94E-03	2.00E-01	1.85E-02	2.39E-01
2002	NG_698	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.457	1.83E-01	3.66E-01	Not Modelled	9.41E-02	1.69E-04	1.59E-01	1.83E-02	3.66E-03	3.66E-10	1.83E-03	4.38E-05	3.22E-05	8.97E-05	2.95E-04	1.75E-03	2.79E-05	6.30E-04	3.20E-02	2.97E-03	3.82E-02
2003	NG_699	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.457	1.98E-01	3.97E-01	Not Modelled	1.02E-01	1.84E-04	1.74E-01	1.98E-02	3.97E-03	3.97E-10	1.98E-03	4.75E-05	3.50E-05	9.73E-05	3.20E-04	1.89E-03	3.03E-05	6.84E-04	3.47E-02	3.22E-03	4.14E-02
2004	NG_700	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.457	2.14E-01	4.29E-01	Not Modelled	1.09E-01	1.98E-04	1.87E-01	2.14E-02	4.28E-03	4.28E-10	2.14E-03	5.13E-05	3.78E-05	1.05E-04	3.46E-04	2.05E-03	3.27E-05	7.38E-04	3.75E-02	3.48E-03	4.47E-02
2005	NG_701	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.457	2.33E-01	4.66E-01	Not Modelled	1.18E-01	2.15E-04	2.03E-01	2.33E-02	4.65E-03	4.65E-10	2.33E-03	5.57E-05	4.10E-05	1.14E-04	3.76E-04	2.22E-03	3.55E-05	8.02E-04	4.07E-02	3.78E-03	4.86E-02
2006	NG_702	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.457	2.56E-01	5.13E-01	Not Modelled	1.29E-01	2.37E-04	2.25E-01	2.56E-02	5.12E-03	5.12E-10	2.56E-03	6.13E-05	4.52E-05	1.26E-04	4.14E-04	2.45E-03	3.91E-05	8.83E-04	4.48E-02	4.16E-03	5.35E-02
2007	NG_703	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.457	2.85E-01	5.70E-01	Not Modelled	1.43E-01	2.64E-04	2.51E-01	2.85E-02	5.70E-03	5.70E-10	2.85E-03	6.81E-05	5.02E-05	1.40E-04	4.60E-04	2.72E-03	4.35E-05	9.82E-04	4.99E-02	4.62E-03	5.94E-02
2009	NG_705	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.457	3.60E-01	7.19E-01	Not Modelled	1.77E-01	3.33E-04	3.15E-01	3.60E-02	7.19E-03	7.19E-10	3.60E-03	8.60E-05	6.34E-05	1.76E-04	5.81E-04	3.43E-03	5.49E-05	1.24E-03	6.30E-02	5.83E-03	7.51E-02
2010	NG_706	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.457	4.10E-01	8.21E-01	Not Modelled	2.02E-01	3.80E-04	3.61E-01	4.10E-02	8.21E-03	8.21E-10	4.11E-03	9.82E-05	7.23E-05	2.01E-04	6.63E-04	3.92E-03	6.27E-05	1.41E-03	7.19E-02	6.66E-03	8.57E-02
2011	NG_707	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.457	4.82E-01	9.65E-01	Not Modelled	2.37E-01	4.46E-04	4.27E-01	4.82E-02	9.65E-03	9.65E-10	4.83E-03	1.15E-04	8.50E-05	2.37E-04	7.79E-04	4.61E-03	7.36E-05	1.66E-03	8.45E-02	7.83E-03	1.01E-01
2012	NG_708	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.457	5.80E-01	1.16E+00	Not Modelled	2.81E-01	5.37E-04	5.11E-01	5.80E-02	1.16E-02	1.16E-09	5.81E-03	1.39E-04	1.02E-04	2.85E-04	9.37E-04	5.54E-03	8.86E-05	2.00E-03	1.02E-01	9.42E-03	1.21E-01
2013	NG_709	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.457	7.00E-01	1.40E+00	Not Modelled	3.34E-01	6.48E-04	6.10E-01	7.00E-02	1.40E-02	1.40E-09	7.01E-03	1.68E-04	1.23E-04	3.43E-04	1.13E-03	6.69E-03	1.07E-04	2.41E-03	1.23E-01	1.14E-02	1.46E-01
2014	NG_710	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.457	8.32E-01	1.66E+00	Not Modelled	3.95E-01	7.70E-04	7.26E-01	8.32E-02	1.66E-02	1.66E-09	8.33E-03	1.99E-04	1.47E-04	4.08E-04	1.34E-03	7.95E-03	1.27E-04	2.87E-03	1.46E-01	1.35E-02	1.74E-01
2015	NG_711	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.457	1.03E+00	2.06E+00	Not Modelled	4.91E-01	9.51E-04	9.10E-01	1.03E-01	2.05E-02	2.05E-09	1.03E-02	2.46E-04	1.81E-04	5.04E-04	1.66E-03	9.81E-03	1.57E-04	3.54E-03	1.80E-01	1.67E-02	2.14E-01
2016	NG_712	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.457	1.32E+00	2.64E+00	Not Modelled	6.32E-01	1.22E-03	1.18E+00	1.32E-01	2.64E-02	2.64E-09	1.32E-02	3.16E-04	2.33E-04	6.47E-04	2.13E-03	1.26E-02	2.01E-04	4.55E-03	2.31E-01	2.14E-02	2.75E-01
2043	NG_739	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.507	1.83E-01	3.66E-01	Not Modelled	9.50E-02	1.69E-04	1.60E-01	1.83E-02	3.66E-03	3.66E-10	1.83E-03	4.38E-05	3.22E-05	8.97E-05	2.95E-04	1.75E-03	2.79E-05	6.31E-04	3.20E-02	2.97E-03	3.82E-02
2044	NG_740	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.507	1.98E-01	3.96E-01	Not Modelled	1.03E-01	1.83E-04	1.74E-01	1.98E-02	3.96E-03	3.96E-10	1.98E-03	4.74E-05	3.49E-05	9.71E-05	3.20E-04	1.89E-03	3.02E-05	6.83E-04	3.47E-02	3.21E-03	4.13E-02
2045	NG_741	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.507	2.14E-01	4.28E-01	Not Modelled	1.10E-01	1.98E-04	1.88E-01	2.14E-02	4.28E-03	4.28E-10	2.14E-03	5.12E-05	3.77E-05	1.05E-04	3.46E-04	2.04E-03	3.27E-05	7.38E-04	3.75E-02	3.47E-03	4.47E-02
2046	NG_742	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.507	2.33E-01	4.66E-01	Not Modelled	1.19E-01	2.16E-04	2.05E-01	2.33E-02	4.66E-03	4.66E-10	2.33E-03	5.58E-05	4.11E-05	1.14E-04	3.76E-04	2.22E-03	3.56E-05	8.03E-04	4.08E-02	3.78E-03	4.86E-02
2047	NG_743	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.507	2.56E-01	5.12E-01	Not Modelled	1.30E-01	2.37E-04	2.26E-01	2.56E-02	5.12E-03	5.12E-10	2.56E-03	6.13E-05	4.52E-05	1.26E-04	4.14E-04	2.45E-03	3.91E-05	8.83E-04	4.48E-02	4.16E-03	5.35E-02
2049	NG_745	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.507	3.20E-01	6.40E-01	Not Modelled	1.61E-01	2.96E-04	2.84E-01	3.20E-02	6.40E-03	6.40E-10	3.20E-03	7.65E-05	5.64E-05	1.57E-04	5.17E-04	3.05E-03	4.88E-05	1.10E-03	5.60E-02	5.19E-03	6.68E-02
2050	NG_746	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.507	3.62E-01	7.24E-01	Not Modelled	1.80E-01	3.35E-04	3.21E-01	3.62E-02	7.24E-03	7.24E-10	3.62E-03	8.66E-05	6.38E-05	1.77E-04	5.84E-04	3.45E-03	5.52E-05	1.25E-03	6.34E-02	5.87E-03	7.55E-02
2051	NG_747	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.507	4.14E-01	8.28E-01	Not Modelled	2.06E-01	3.83E-04	3.69E-01	4.14E-02	8.28E-03	8.28E-10	4.14E-03	9.90E-05	7.30E-05	2.03E-04	6.68E-04	3.95E-03	6.32E-05	1.43E-03	7.25E-02	6.72E-03	8.64E-02
2052	NG_748	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.507	4.89E-01	9.77E-01	Not Modelled	2.43E-01	4.52E-04	4.39E-01	4.89E-02	9.77E-03	9.77E-10	4.89E-03	1.17E-04	8.61E-05	2.40E-04	7.89E-04	4.67E-03	7.46E-05	1.68E-03	8.55E-02	7.93E-03	1.02E-01
2053	NG_749	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.507	5.94E-01	1.19E+00	Not Modelled	2.93E-01	5.49E-04	5.35E-01	5.94E-02	1.19E-02	1.19E-09	5.94E-03	1.42E-04	1.05E-04	2.91E-04	9.59E-04	5.67E-03	9.06E-05	2.05E-03	1.04E-01	9.63E-03	1.24E-01
2054	NG_750	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.507	7.15E-01	1.43E+00	Not Modelled	3.48E-01	6.62E-04	6.40E-01	7.16E-02	1.43E-02	1.43E-09	7.16E-03	1.71E-04	1.26E-04	3.51E-04	1.16E-03	6.83E-03	1.09E-04	2.47E-03	1.25E-01	1.16E-02	1.49E-01
2055	NG_751	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.507	8.52E-01	1.70E+00	Not Modelled	4.16E-01	7.89E-04	7.71E-01	8.52E-02	1.70E-02	1.70E-09	8.52E-03	2.04E-04	1.50E-04	4.18E-04	1.38E-03	8.14E-03	1.30E-04	2.94E-03	1.49E-01	1.38E-02	1.78E-01
2056	NG_752	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.507	1.06E+00	2.13E+00	Not Modelled	5.25E-01	9.85E-04	9.82E-01	1.06E-01	2.13E-02	2.13E-09	1.07E-02	2.55E-04	1.88E-04	5.22E-04	1.72E-03	1.02E-02	1.63E-04	3.67E-03	1.86E-01	1.73E-02	2.22E-01
2057	NG_753	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.507	1.41E+00	2.81E+00	Not Modelled	6.93E-01	1.30E-03	1.31E+00	1.41E-01	2.81E-02	2.81E-09	1.41E-02	3.37E-04	2.48E-04	6.90E-04	2.27E-03	1.34E-02	2.15E-04	4.85E-03	2.46E-01	2.28E-02	2.94E-01
2085	NG_781	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.557	1.95E-01	3.91E-01	Not Modelled	1.02E-01	1.81E-04	1.72E-01	1.95E-02	3.91E-03	3.91E-10	1.96E-03	4.68E-05	3.45E-05	9.59E-05	3.16E-04	1.87E-03	2.98E-05	6.74E-04	3.42E-02	3.17E-03	4.08E-02
2086	NG_782	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.557	2.12E-01	4.24E-01	Not Modelled	1.09E-01	1.96E-04	1.87E-01	2.12E-02	4.24E-03	4.24E-10	2.12E-03	5.07E-05	3.73E-05	1.04E-04	3.42E-04	2.02E-03	3.23E-05	7.30E-04	3.71E-02	3.44E-03	4.42E-02
2088	NG_784	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.557	2.55E-01	5.10E-01	Not Modelled	1.30E-01	2.36E-04	2.26E-01	2.55E-02	5.09E-03	5.09E-10	2.55E-03	6.09E-05	4.49E-05	1.25E-04	4.11E-04	2.43E-03	3.89E-05	8.78E-04	4.46E-02	4.13E-03	5.32E-02
2089	NG_785	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.557	2.84E-01	5.68E-01	Not Modelled	1.45E-01	2.63E-04	2.53E-01	2.84E-02	5.68E-03	5.68E-10	2.84E-03	6.79E-05	5.00E-05	1.39E-04	4.58E-04	2.71E-03	4.33E-05	9.79E-04	4.97E-02	4.61E-03	5.92E-02
2090	NG_786	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.557	3.19E-01	6.38E-01	Not Modelled	1.61E-01	2.95E-04	2.84E-01	3.19E-02	6.38E-03	6.38E-10	3.19E-03	7.63E-05	5.62E-05	1.56E-04	5.15E-04	3.04E-03	4.87E-05	1.10E-03	5.58E-02	5.17E-03	6.66E-02
2091	NG_787	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.557	3.62E-01	7.24E-01	Not Modelled	1.82E-01	3.35E-04	3.23E-01	3.62E-02	7.23E-03	7.23E-10	3.62E-03	8.65E-05	6.38E-05	1.77E-04	5.84E-04	3.45E-03	5.52E-05	1.25E-03	6.33E-02	5.87E-03	7.55E-02
2092	NG_788	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.557	4.16E-01	8.31E-01	Not Modelled	2.09E-01	3.85E-04	3.74E-01	4.16E-02	8.31E-03	8.31E-10	4.16E-03	9.94E-05	7.33E-05	2.04E-04	6.71E-04	3.97E-03	6.35E-05	1.43E-03	7.28E-02	6.74E-03	8.67E-02
2093	NG_789	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.557	4.94E-01	9.88E-01	Not Modelled	2.49E-01	4.57E-04	4.50E-01	4.94E-02	9.88E-03	9.88E-10	4.94E-03	1.18E-04	8.71E-05	2.42E-04	7.98E-04	4.72E-03	7.54E-05	1.70E-03	8.65E-02	8.02E-03	1.03E-01
2094	NG_790	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.557	6.02E-01	1.20E+00	Not Modelled	3.02E-01	5.57E-04	5.51E-01	6.02E-02	1.20E-02	1.20E-09	6.02E-03	1.44E-04	1.06E-04	2.95E-04	9.72E-04	5.75E-03	9.19E-05	2.08E-03	1.05E-01	9.77E-03	1.26E-01
2095	NG_791	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.557	7.27E-01	1.45E+00	Not Modelled	3.60E-01	6.73E-04	6.63E-01	7.27E-02	1.45E-02	1.45E-09	7.28E-03	1.74E-04	1.28E-04	3.57E-04	1.17E-03	6.94E-03	1.11E-04	2.51E-03	1.27E-01	1.18E-02	1.52E-01
2096	NG_792	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.557	8.67E-01	1.73E+00	Not Modelled	4.33E-01	8.03E-04	8.04E-01	8.67E-02	1.73E-02	1.73E-09	8.68E-03	2.07E-04	1.53E-04	4.25E-04	1.40E-03	8.28E-03	1.32E-04	2.99E-03	1.52E-01	1.41E-02	1.81E-01
2097	NG_793	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.557	1.09E+00	2.17E+00	Not Modelled	5.51E-01	1.00E-03	1.03E+00	1.09E-01	2.17E-02	2.17E-09	1.09E-02	2.60E-04	1.91E-04	5.32E-04	1.75E-03	1.04E-02	1.66E-04	3.74E-03	1.90E-01	1.76E-02	2.27E-01
2098	NG_794	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.557	1.43E+00	2.86E+00	Not Modelled	7.31E-01	1.32E-03	1.39E+00	1.43E-01	2.86E-02	2.86E-09	1.43E-02	3.42E-04	2.52E-04	7.02E-04	2.31E-03	1.37E-02	2.19E-04	4.93E-03	2.51E-01	2.32E-02	2.99E-01
2099	NG_795	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.557	1.89E+00	3.78E+00	Not Modelled	9.61E-01	1.75E-03	1.84E+00	1.89E-01	3.78E-02	3.78E-09	1.89E-02	4.53E-04	3.33E-04	9.28E-04	3.06E-03	1.81E-02	2.89E-04	6.52E-03	3.31E-01	3.07E-02	3.95E-01
2125	NG_821	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.607	1.78E-01	3.57E-01	Not Modelled	9.37E-02	1.65E-04	1.57E-01	1.78E-02	3.56E-03	3.56E-10	1.78E-03	4.26E-05	3.14E-05	8.74E-05	2.88E-04	1.70E-03	2.72E-05	6.15E-04	3.12E-02	2.89E-03	3.72E-02
2126	NG_822	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.607	1.93E-01	3.87E-01	Not Modelled	1.01E-01	1.79E-04	1.71E-01	1.93E-02	3.87E-03	3.87E-10	1.93E-03	4.63E-05	3.41E-05	9.48E-05	3.12E-04	1.85E-03	2.95E-05	6.66E-04	3.38E-02	3.14E-03	4.04E-02
2127	NG_823	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.607	2.10E-01	4.21E-01	Not Modelled	1.10E-01	1.95E-04	1.87E-01	2.10E-02	4.21E-03	4.21E-10	2.11E-03	5.03E-05	3.71E-05	1.03E-04	3.40E-04	2.01E-03	3.21E-05	7.25E-04	3.68E-02	3.41E-03	4.39E-02
2128	NG_824	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.607	2.30E-01	4.61E-01	Not Modelled	1.19E-01	2.13E-04	2.05E-01	2.30E-02	4.60E-03	4.60E-10	2.30E-03	5.51E-05	4.06E-05	1.13E-04	3.72E-04	2.20E-03	3.51E-05	7.94E-04	4.03E-02	3.73E-03	4.80E-02
2129	NG_825	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.607	2.53E-01	5.06E-01	Not Modelled	1.31E-01	2.34E-04	2.26E-01	2.53E-02	5.06E-03	5.06E-10	2.53E-03	6.05E-05	4.46E-05	1.24E-04	4.09E-04	2.42E-03	3.86E-05	8.72E-04	4.43E-02	4.11E-03	5.28E-02
2130	NG_826	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.607	2.82E-01	5.64E-01	Not Modelled	1.45E-01	2.61E-04	2.52E-01	2.82E-02	5.64E-03	5.64E-10	2.82E-03	6.74E-05	4.97E-05	1.38E-04	4.55E-04	2.69E-03	4.30E-05	9.71E-04	4.93E-02	4.57E-03	5.88E-02
2131	NG_827	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.607	3.18E-01	6.37E-01	Not Modelled	1.63E-01	2.95E-04	2.86E-01	3.18E-02	6.37E-03	6.37E-10	3.18E-03	7.61E-05	5.61E-05	1.56E-04	5.14E-04	3.04E-03	4.86E-05	1.10E-03	5.57E-02	5.16E-03	6.64E-02
2132	NG_828	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.607	3.63E-01	7.27E-01	Not Modelled	1.86E-01	3.36E-04	3.29E-01	3.63E-02	7.27E-03	7.27E-10	3.63E-03	8.69E-05	6.40E-05	1.78E-04	5.87E-04	3.47E-03	5.55E-05	1.25E-03	6.36E-02	5.89E-03	7.58E-02
2133	NG_829	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.607	4.18E-01	8.37E-01	Not Modelled	2.14E-01	3.87E-04	3.82E-01	4.19E-02	8.37E-03	8.37E-10	4.19E-03	1.00E-04	7.38E-05	2.05E-04	6.76E-04	4.00E-03	6.39E-05	1.44E-03	7.33E-02	6.79E-03	8.73E-02
2134	NG_830	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.607	4.97E-01	9.94E-01	Not Modelled	2.54E-01	4.60E-04	4.59E-01	4.97E-02	9.93E-03	9.93E-10	4.97E-03	1.19E-04	8.75E-05	2.44E-04	8.02E-04	4.74E-03	7.58E-05	1.71E-03	8.69E-02	8.06E-03	1.04E-01
2135	NG_831	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.607	6.04E-01	1.21E+00	Not Modelled	3.09E-01	5.59E-04	5.62E-01	6.04E-02	1.21E-02	1.21E-09	6.05E-03	1.45E-04	1.07E-04	2.96E-04	9.76E-04	5.77E-03	9.23E-05	2.08E-03	1.06E-01	9.81E-03	1.26E-01
2136	NG_832	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.607	7.34E-01	1.47E+00	Not Modelled	3.73E-01	6.79E-04	6.84E-01	7.34E-02	1.47E-02	1.47E-09	7.34E-03	1.76E-04	1.29E-04	3.60E-04	1.19E-03	7.01E-03	1.12E-04	2.53E-03	1.29E-01	1.19E-02	1.53E-01
2137	NG_833	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.607	8.78E-01	1.76E+00	Not Modelled	4.50E-01	8.13E-04	8.34E-01	8.78E-02	1.76E-02	1.76E-09	8.78E-03	2.10E-04	1.55E-04	4.31E-04	1.42E-03	8.38E-03	1.34E-04	3.03E-03	1.54E-01	1.42E-02	1.83E-01
2138	NG_834	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.607	1.09E+00	2.17E+00	Not Modelled	5.69E-01	1.00E-03	1.06E+00	1.09E-01	2.17E-02	2.17E-09	1.09E-02	2.60E-04	1.91E-04	5.32E-04	1.75E-03	1.04E-02	1.66E-04	3.74E-03	1.90E-01	1.76E-02	2.27E-01
2139	NG_835	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.607	1.40E+00	2.79E+00	Not Modelled	7.42E-01	1.29E-03	1.40E+00	1.40E-01	2.79E-02	2.79E-09	1.40E-02	3.34E-04	2.46E-04	6.85E-04	2.26E-03	1.33E-02	2.13E-04	4.82E-03	2.45E-01	2.27E-02	2.92E-01
2140	NG_836	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.607	1.79E+00	3.59E+00	Not Modelled	9.63E-01	1.66E-03	1.83E+00	1.79E-01	3.59E-02	3.59E-09	1.79E-02	4.29E-04	3.16E-04	8.79E-04	2.89E-03	1.71E-02	2.74E-04	6.18E-03	3.14E-01	2.91E-02	3.74E-01
2141	NG_837	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.607	2.37E+00	4.73E+00	Not Modelled	1.32E+00	2.19E-03	2.52E+00	2.37E-01	4.73E-02	4.73E-09	2.37E-02	5.66E-04	4.17E-04	1.16E-03	3.82E-03	2.26E-02	3.61E-04	8.15E-03	4.14E-01	3.84E-02	4.94E-01
2166	NG_862	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.657	1.77E-01	3.55E-01	Not Modelled	9.42E-02	1.64E-04	1.57E-01	1.77E-02	3.55E-03	3.55E-10	1.77E-03	4.24E-05	3.13E-05	8.70E-05	2.86E-04	1.69E-03	2.71E-05	6.11E-04	3.10E-02	2.88E-03	3.70E-02
2167	NG_863	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.657	1.92E-01	3.84E-01	Not Modelled	1.02E-01	1.78E-04	1.71E-01	1.92E-02	3.84E-03	3.84E-10	1.92E-03	4.60E-05	3.39E-05	9.42E-05	3.10E-04	1.83E-03	2.93E-05	6.62E-04	3.36E-02	3.12E-03	4.01E-02
2168	NG_864	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.657	2.09E-01	4.18E-01	Not Modelled	1.10E-01	1.93E-04	1.86E-01	2.09E-02	4.17E-03	4.17E-10	2.09E-03	4.99E-05	3.68E-05	1.02E-04	3.37E-04	1.99E-03	3.19E-05	7.19E-04	3.65E-02	3.39E-03	4.36E-02
2169	NG_865	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.657	2.28E-01	4.57E-01	Not Modelled	1.19E-01	2.11E-04	2.04E-01	2.28E-02	4.56E-03	4.56E-10	2.28E-03	5.46E-05	4.02E-05	1.12E-04	3.69E-04	2.18E-03	3.48E-05	7.87E-04	4.00E-02	3.70E-03	4.76E-02
2170	NG_866	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.657	2.51E-01	5.02E-01	Not Modelled	1.30E-01	2.32E-04	2.24E-01	2.51E-02	5.02E-03	5.02E-10	2.51E-03	6.01E-05	4.42E-05	1.23E-04	4.05E-04	2.40E-03	3.83E-05	8.65E-04	4.39E-02	4.07E-03	5.24E-02
2171	NG_867	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.657	2.79E-01	5.59E-01	Not Modelled	1.44E-01	2.58E-04	2.51E-01	2.79E-02	5.58E-03	5.58E-10	2.79E-03	6.68E-05	4.92E-05	1.37E-04	4.51E-04	2.67E-03	4.26E-05	9.63E-04	4.89E-02	4.53E-03	5.83E-02
2172	NG_868	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.657	3.15E-01	6.31E-01	Not Modelled	1.63E-01	2.92E-04	2.84E-01	3.15E-02	6.30E-03	6.30E-10	3.15E-03	7.54E-05	5.56E-05	1.55E-04	5.09E-04	3.01E-03	4.81E-05	1.09E-03	5.52E-02	5.11E-03	6.58E-02
2173	NG_869	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.657	3.61E-01	7.23E-01	Not Modelled	1.87E-01	3.34E-04	3.29E-01	3.61E-02	7.23E-03	7.23E-10	3.62E-03	8.65E-05	6.37E-05	1.77E-04	5.84E-04	3.45E-03	5.52E-05	1.25E-03	6.33E-02	5.86E-03	7.54E-02
2174	NG_870	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.657	4.17E-01	8.34E-01	Not Modelled	2.16E-01	3.86E-04	3.84E-01	4.17E-02	8.34E-03	8.34E-10	4.17E-03	9.97E-05	7.35E-05	2.04E-04	6.73E-04	3.98E-03	6.36E-05	1.44E-03	7.30E-02	6.76E-03	8.70E-02
2175	NG_871	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.657	4.91E-01	9.81E-01	Not Modelled	2.55E-01	4.54E-04	4.57E-01	4.91E-02	9.81E-03	9.81E-10	4.91E-03	1.17E-04	8.65E-05	2.41E-04	7.92E-04	4.68E-03	7.49E-05	1.69E-03	8.59E-02	7.96E-03	1.02E-01
2176	NG_872	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.657	5.93E-01	1.19E+00	Not Modelled	3.09E-01	5.49E-04	5.58E-01	5.93E-02	1.19E-02	1.19E-09	5.93E-03	1.42E-04	1.05E-04	2.91E-04	9.58E-04	5.66E-03	9.06E-05	2.04E-03	1.04E-01	9.62E-03	1.24E-01
2177	NG_873	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.657	7.23E-01	1.45E+00	Not Modelled	3.77E-01	6.69E-04	6.88E-01	7.23E-02	1.45E-02	1.45E-09	7.23E-03	1.73E-04	1.27E-04	3.55E-04	1.17E-03	6.90E-03	1.10E-04	2.49E-03	1.27E-01	1.17E-02	1.51E-01
2178	NG_874	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.657	8.64E-01	1.73E+00	Not Modelled	4.56E-01	7.99E-04	8.38E-01	8.64E-02	1.73E-02	1.73E-09	8.64E-03	2.07E-04	1.52E-04	4.24E-04	1.40E-03	8.25E-03	1.32E-04	2.98E-03	1.51E-01	1.40E-02	1.80E-01
2179	NG_875	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.657	1.04E+00	2.08E+00	Not Modelled	5.63E-01	9.61E-04	1.04E+00	1.04E-01	2.08E-02	2.08E-09	1.04E-02	2.49E-04	1.83E-04	5.10E-04	1.68E-03	9.92E-03	1.59E-04	3.58E-03	1.82E-01	1.69E-02	2.17E-01
2180	NG_876	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.657	1.28E+00	2.55E+00	Not Modelled	7.03E-01	1.18E-03	1.31E+00	1.28E-01	2.55E-02	2.55E-09	1.28E-02	3.05E-04	2.25E-04	6.26E-04	2.06E-03	1.22E-02	1.95E-04	4.40E-03	2.24E-01	2.07E-02	2.67E-01
2181	NG_877	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.657	1.58E+00	3.17E+00	Not Modelled	8.88E-01	1.47E-03	1.66E+00	1.58E-01	3.17E-02	3.17E-09	1.58E-02	3.79E-04	2.79E-04	7.77E-04	2.56E-03	1.51E-02	2.42E-04	5.46E-03	2.77E-01	2.57E-02	3.30E-01
2182	NG_878	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.657	1.99E+00	3.99E+00	Not Modelled	1.16E+00	1.85E-03	2.17E+00	1.99E-01	3.99E-02	3.99E-09	2.00E-02	4.77E-04	3.52E-04	9.78E-04	3.22E-03	1.90E-02	3.05E-04	6.88E-03	3.49E-01	3.24E-02	4.16E-01
2207	NG_903	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.707	1.77E-01	3.53E-01	Not Modelled	9.47E-02	1.63E-04	1.57E-01	1.77E-02	3.53E-03	3.53E-10	1.77E-03	4.22E-05	3.11E-05	8.66E-05	2.85E-04	1.69E-03	2.70E-05	6.09E-04	3.09E-02	2.86E-03	3.69E-02
2208	NG_904	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.707	1.91E-01	3.83E-01	Not Modelled	1.02E-01	1.77E-04	1.71E-01	1.91E-02	3.83E-03	3.83E-10	1.91E-03	4.58E-05	3.37E-05	9.38E-05	3.09E-04	1.83E-03	2.92E-05	6.60E-04	3.35E-02	3.10E-03	3.99E-02
2209	NG_905	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.707	2.07E-01	4.14E-01	Not Modelled	1.10E-01	1.92E-04	1.85E-01	2.07E-02	4.14E-03	4.14E-10	2.07E-03	4.95E-05	3.65E-05	1.02E-04	3.34E-04	1.98E-03	3.16E-05	7.14E-04	3.63E-02	3.36E-03	4.32E-02
2210	NG_906	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.707	2.26E-01	4.52E-01	Not Modelled	1.19E-01	2.09E-04	2.01E-01	2.26E-02	4.51E-03	4.51E-10	2.26E-03	5.40E-05	3.98E-05	1.11E-04	3.64E-04	2.15E-03	3.45E-05	7.78E-04	3.95E-02	3.66E-03	4.71E-02
2211	NG_907	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.707	2.48E-01	4.97E-01	Not Modelled	1.30E-01	2.30E-04	2.22E-01	2.48E-02	4.97E-03	4.97E-10	2.48E-03	5.94E-05	4.38E-05	1.22E-04	4.01E-04	2.37E-03	3.79E-05	8.56E-04	4.35E-02	4.03E-03	5.18E-02

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 2 COMMERCIAL

Annual Average Pollutant Concentration (µg/m3) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**0.000**	**0.024**	**0.001**	**0.000**	**0.001**	**0.004**	**0.023**	**0.000**	**0.008**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2212	NG_908	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.707	2.75E-01	5.51E-01	Not Modelled	1.43E-01	2.55E-04	2.47E-01	2.75E-02	5.50E-03	5.50E-10	2.75E-03	6.59E-05	4.85E-05	1.35E-04	4.45E-04	2.63E-03	4.20E-05	9.49E-04	4.82E-02	4.47E-03	5.75E-02
2213	NG_909	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.707	3.11E-01	6.22E-01	Not Modelled	1.62E-01	2.87E-04	2.81E-01	3.11E-02	6.21E-03	6.21E-10	3.11E-03	7.43E-05	5.48E-05	1.52E-04	5.02E-04	2.97E-03	4.74E-05	1.07E-03	5.44E-02	5.04E-03	6.48E-02
2214	NG_910	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.707	3.55E-01	7.10E-01	Not Modelled	1.85E-01	3.28E-04	3.24E-01	3.55E-02	7.10E-03	7.10E-10	3.55E-03	8.49E-05	6.26E-05	1.74E-04	5.73E-04	3.39E-03	5.42E-05	1.22E-03	6.21E-02	5.76E-03	7.41E-02
2215	NG_911	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.707	4.08E-01	8.17E-01	Not Modelled	2.14E-01	3.78E-04	3.77E-01	4.09E-02	8.17E-03	8.17E-10	4.09E-03	9.77E-05	7.20E-05	2.00E-04	6.60E-04	3.90E-03	6.24E-05	1.41E-03	7.15E-02	6.63E-03	8.53E-02
2216	NG_912	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.707	4.73E-01	9.46E-01	Not Modelled	2.49E-01	4.38E-04	4.42E-01	4.73E-02	9.46E-03	9.46E-10	4.73E-03	1.13E-04	8.34E-05	2.32E-04	7.64E-04	4.52E-03	7.22E-05	1.63E-03	8.28E-02	7.67E-03	9.87E-02
2217	NG_913	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.707	5.66E-01	1.13E+00	Not Modelled	3.00E-01	5.24E-04	5.37E-01	5.66E-02	1.13E-02	1.13E-09	5.66E-03	1.35E-04	9.98E-05	2.78E-04	9.14E-04	5.40E-03	8.64E-05	1.95E-03	9.91E-02	9.18E-03	1.18E-01
2218	NG_914	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.707	6.86E-01	1.37E+00	Not Modelled	3.68E-01	6.35E-04	6.64E-01	6.86E-02	1.37E-02	1.37E-09	6.87E-03	1.64E-04	1.21E-04	3.37E-04	1.11E-03	6.55E-03	1.05E-04	2.37E-03	1.20E-01	1.11E-02	1.43E-01
2219	NG_915	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.707	8.13E-01	1.63E+00	Not Modelled	4.41E-01	7.52E-04	8.00E-01	8.13E-02	1.63E-02	1.63E-09	8.13E-03	1.94E-04	1.43E-04	3.99E-04	1.31E-03	7.76E-03	1.24E-04	2.80E-03	1.42E-01	1.32E-02	1.70E-01
2220	NG_916	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.707	9.42E-01	1.88E+00	Not Modelled	5.23E-01	8.72E-04	9.51E-01	9.42E-02	1.88E-02	1.88E-09	9.42E-03	2.25E-04	1.66E-04	4.62E-04	1.52E-03	8.99E-03	1.44E-04	3.25E-03	1.65E-01	1.53E-02	1.97E-01
2221	NG_917	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.707	1.10E+00	2.21E+00	Not Modelled	6.25E-01	1.02E-03	1.14E+00	1.10E-01	2.21E-02	2.21E-09	1.10E-02	2.64E-04	1.95E-04	5.41E-04	1.78E-03	1.05E-02	1.69E-04	3.81E-03	1.93E-01	1.79E-02	2.30E-01
2222	NG_918	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.707	1.33E+00	2.66E+00	Not Modelled	7.67E-01	1.23E-03	1.40E+00	1.33E-01	2.66E-02	2.66E-09	1.33E-02	3.19E-04	2.35E-04	6.53E-04	2.15E-03	1.27E-02	2.03E-04	4.59E-03	2.33E-01	2.16E-02	2.78E-01
2223	NG_919	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.707	1.67E+00	3.35E+00	Not Modelled	9.80E-01	1.55E-03	1.80E+00	1.67E-01	3.34E-02	3.34E-09	1.67E-02	4.00E-04	2.95E-04	8.20E-04	2.70E-03	1.60E-02	2.55E-04	5.76E-03	2.93E-01	2.71E-02	3.49E-01
2248	NG_944	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.757	1.74E-01	3.49E-01	Not Modelled	9.37E-02	1.61E-04	1.54E-01	1.74E-02	3.49E-03	3.49E-10	1.74E-03	4.17E-05	3.07E-05	8.55E-05	2.82E-04	1.66E-03	2.66E-05	6.01E-04	3.05E-02	2.83E-03	3.64E-02
2249	NG_945	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.757	1.88E-01	3.77E-01	Not Modelled	1.01E-01	1.74E-04	1.67E-01	1.88E-02	3.77E-03	3.77E-10	1.88E-03	4.51E-05	3.32E-05	9.24E-05	3.04E-04	1.80E-03	2.88E-05	6.49E-04	3.30E-02	3.06E-03	3.93E-02
2250	NG_946	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.757	2.04E-01	4.08E-01	Not Modelled	1.09E-01	1.89E-04	1.81E-01	2.04E-02	4.08E-03	4.08E-10	2.04E-03	4.88E-05	3.59E-05	1.00E-04	3.29E-04	1.95E-03	3.11E-05	7.03E-04	3.57E-02	3.31E-03	4.26E-02
2251	NG_947	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.757	2.22E-01	4.44E-01	Not Modelled	1.17E-01	2.05E-04	1.97E-01	2.22E-02	4.44E-03	4.44E-10	2.22E-03	5.31E-05	3.91E-05	1.09E-04	3.58E-04	2.12E-03	3.39E-05	7.65E-04	3.89E-02	3.60E-03	4.63E-02
2252	NG_948	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.757	2.44E-01	4.88E-01	Not Modelled	1.28E-01	2.26E-04	2.17E-01	2.44E-02	4.87E-03	4.87E-10	2.44E-03	5.83E-05	4.30E-05	1.20E-04	3.94E-04	2.33E-03	3.72E-05	8.40E-04	4.27E-02	3.95E-03	5.09E-02
2253	NG_949	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.757	2.70E-01	5.41E-01	Not Modelled	1.42E-01	2.50E-04	2.43E-01	2.70E-02	5.40E-03	5.40E-10	2.70E-03	6.47E-05	4.76E-05	1.33E-04	4.36E-04	2.58E-03	4.13E-05	9.32E-04	4.73E-02	4.38E-03	5.64E-02
2254	NG_950	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.757	3.03E-01	6.07E-01	Not Modelled	1.60E-01	2.81E-04	2.75E-01	3.03E-02	6.06E-03	6.06E-10	3.03E-03	7.25E-05	5.34E-05	1.49E-04	4.90E-04	2.89E-03	4.63E-05	1.05E-03	5.31E-02	4.92E-03	6.33E-02
2255	NG_951	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.757	3.44E-01	6.89E-01	Not Modelled	1.82E-01	3.19E-04	3.15E-01	3.44E-02	6.88E-03	6.88E-10	3.44E-03	8.24E-05	6.07E-05	1.69E-04	5.56E-04	3.29E-03	5.26E-05	1.19E-03	6.03E-02	5.59E-03	7.19E-02
2256	NG_952	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.757	3.93E-01	7.87E-01	Not Modelled	2.08E-01	3.64E-04	3.63E-01	3.93E-02	7.87E-03	7.87E-10	3.94E-03	9.41E-05	6.93E-05	1.93E-04	6.35E-04	3.76E-03	6.01E-05	1.36E-03	6.89E-02	6.38E-03	8.21E-02
2257	NG_953	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.757	4.52E-01	9.05E-01	Not Modelled	2.42E-01	4.19E-04	4.24E-01	4.52E-02	9.05E-03	9.05E-10	4.53E-03	1.08E-04	7.98E-05	2.22E-04	7.31E-04	4.32E-03	6.91E-05	1.56E-03	7.92E-02	7.34E-03	9.44E-02
2258	NG_954	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.757	5.30E-01	1.06E+00	Not Modelled	2.87E-01	4.90E-04	5.06E-01	5.30E-02	1.06E-02	1.06E-09	5.30E-03	1.27E-04	9.34E-05	2.60E-04	8.56E-04	5.06E-03	8.09E-05	1.83E-03	9.28E-02	8.60E-03	1.11E-01
2259	NG_955	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.757	6.28E-01	1.26E+00	Not Modelled	3.45E-01	5.81E-04	6.13E-01	6.28E-02	1.26E-02	1.26E-09	6.28E-03	1.50E-04	1.11E-04	3.08E-04	1.01E-03	6.00E-03	9.59E-05	2.16E-03	1.10E-01	1.02E-02	1.31E-01
2260	NG_956	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.757	7.31E-01	1.46E+00	Not Modelled	4.07E-01	6.77E-04	7.25E-01	7.31E-02	1.46E-02	1.46E-09	7.31E-03	1.75E-04	1.29E-04	3.59E-04	1.18E-03	6.98E-03	1.12E-04	2.52E-03	1.28E-01	1.19E-02	1.53E-01
2261	NG_957	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.757	8.27E-01	1.65E+00	Not Modelled	4.67E-01	7.65E-04	8.34E-01	8.27E-02	1.65E-02	1.65E-09	8.27E-03	1.98E-04	1.46E-04	4.05E-04	1.34E-03	7.89E-03	1.26E-04	2.85E-03	1.45E-01	1.34E-02	1.73E-01
2262	NG_958	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.757	9.43E-01	1.89E+00	Not Modelled	5.42E-01	8.73E-04	9.69E-01	9.43E-02	1.89E-02	1.89E-09	9.43E-03	2.26E-04	1.66E-04	4.62E-04	1.52E-03	9.00E-03	1.44E-04	3.25E-03	1.65E-01	1.53E-02	1.97E-01
2263	NG_959	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.757	1.13E+00	2.26E+00	Not Modelled	6.56E-01	1.05E-03	1.18E+00	1.13E-01	2.26E-02	2.26E-09	1.13E-02	2.70E-04	1.99E-04	5.54E-04	1.82E-03	1.08E-02	1.72E-04	3.89E-03	1.98E-01	1.83E-02	2.36E-01
2264	NG_960	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.757	1.41E+00	2.82E+00	Not Modelled	8.17E-01	1.31E-03	1.48E+00	1.41E-01	2.82E-02	2.82E-09	1.41E-02	3.37E-04	2.49E-04	6.92E-04	2.28E-03	1.35E-02	2.15E-04	4.86E-03	2.47E-01	2.29E-02	2.94E-01
2289	NG_985	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.807	1.70E-01	3.39E-01	Not Modelled	9.09E-02	1.57E-04	1.48E-01	1.70E-02	3.39E-03	3.39E-10	1.70E-03	4.06E-05	2.99E-05	8.32E-05	2.74E-04	1.62E-03	2.59E-05	5.85E-04	2.97E-02	2.75E-03	3.54E-02
2290	NG_986	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.807	1.82E-01	3.65E-01	Not Modelled	9.72E-02	1.69E-04	1.60E-01	1.82E-02	3.65E-03	3.65E-10	1.82E-03	4.36E-05	3.21E-05	8.94E-05	2.94E-04	1.74E-03	2.78E-05	6.28E-04	3.19E-02	2.96E-03	3.80E-02
2291	NG_987	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.807	1.98E-01	3.96E-01	Not Modelled	1.05E-01	1.83E-04	1.74E-01	1.98E-02	3.95E-03	3.95E-10	1.98E-03	4.73E-05	3.49E-05	9.70E-05	3.19E-04	1.89E-03	3.02E-05	6.82E-04	3.46E-02	3.21E-03	4.13E-02
2292	NG_988	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.807	2.16E-01	4.33E-01	Not Modelled	1.15E-01	2.00E-04	1.92E-01	2.16E-02	4.33E-03	4.33E-10	2.17E-03	5.18E-05	3.82E-05	1.06E-04	3.50E-04	2.07E-03	3.31E-05	7.46E-04	3.79E-02	3.51E-03	4.52E-02
2293	NG_989	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.807	2.37E-01	4.74E-01	Not Modelled	1.25E-01	2.19E-04	2.10E-01	2.37E-02	4.73E-03	4.73E-10	2.37E-03	5.66E-05	4.17E-05	1.16E-04	3.82E-04	2.26E-03	3.61E-05	8.16E-04	4.14E-02	3.84E-03	4.94E-02
2294	NG_990	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.807	2.61E-01	5.22E-01	Not Modelled	1.38E-01	2.41E-04	2.33E-01	2.61E-02	5.21E-03	5.21E-10	2.61E-03	6.24E-05	4.60E-05	1.28E-04	4.21E-04	2.49E-03	3.98E-05	8.99E-04	4.56E-02	4.23E-03	5.44E-02
2295	NG_991	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.807	2.91E-01	5.83E-01	Not Modelled	1.55E-01	2.70E-04	2.63E-01	2.91E-02	5.82E-03	5.82E-10	2.91E-03	6.97E-05	5.13E-05	1.43E-04	4.70E-04	2.78E-03	4.45E-05	1.00E-03	5.10E-02	4.73E-03	6.08E-02
2296	NG_992	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.807	3.32E-01	6.64E-01	Not Modelled	1.78E-01	3.07E-04	3.05E-01	3.32E-02	6.63E-03	6.63E-10	3.32E-03	7.94E-05	5.85E-05	1.63E-04	5.36E-04	3.17E-03	5.07E-05	1.14E-03	5.81E-02	5.38E-03	6.92E-02
2297	NG_993	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.807	3.76E-01	7.51E-01	Not Modelled	2.03E-01	3.48E-04	3.49E-01	3.76E-02	7.51E-03	7.51E-10	3.76E-03	8.98E-05	6.62E-05	1.84E-04	6.06E-04	3.59E-03	5.73E-05	1.29E-03	6.57E-02	6.09E-03	7.84E-02
2298	NG_994	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.807	4.27E-01	8.55E-01	Not Modelled	2.33E-01	3.95E-04	4.03E-01	4.27E-02	8.54E-03	8.54E-10	4.27E-03	1.02E-04	7.53E-05	2.10E-04	6.90E-04	4.08E-03	6.52E-05	1.47E-03	7.48E-02	6.93E-03	8.92E-02
2299	NG_995	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.807	4.87E-01	9.74E-01	Not Modelled	2.70E-01	4.51E-04	4.68E-01	4.87E-02	9.74E-03	9.74E-10	4.87E-03	1.17E-04	8.59E-05	2.39E-04	7.87E-04	4.65E-03	7.44E-05	1.68E-03	8.53E-02	7.90E-03	1.02E-01
2300	NG_996	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.807	5.65E-01	1.13E+00	Not Modelled	3.18E-01	5.23E-04	5.55E-01	5.65E-02	1.13E-02	1.13E-09	5.65E-03	1.35E-04	9.95E-05	2.77E-04	9.12E-04	5.39E-03	8.62E-05	1.95E-03	9.89E-02	9.16E-03	1.18E-01
2301	NG_997	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.807	6.49E-01	1.30E+00	Not Modelled	3.71E-01	6.01E-04	6.48E-01	6.49E-02	1.30E-02	1.30E-09	6.49E-03	1.55E-04	1.14E-04	3.18E-04	1.05E-03	6.20E-03	9.91E-05	2.24E-03	1.14E-01	1.05E-02	1.35E-01
2302	NG_998	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.807	7.37E-01	1.47E+00	Not Modelled	4.23E-01	6.82E-04	7.41E-01	7.37E-02	1.47E-02	1.47E-09	7.37E-03	1.76E-04	1.30E-04	3.61E-04	1.19E-03	7.04E-03	1.13E-04	2.54E-03	1.29E-01	1.20E-02	1.54E-01
2303	NG_999	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.807	8.42E-01	1.69E+00	Not Modelled	4.85E-01	7.80E-04	8.51E-01	8.42E-02	1.68E-02	1.68E-09	8.43E-03	2.02E-04	1.49E-04	4.13E-04	1.36E-03	8.04E-03	1.29E-04	2.90E-03	1.48E-01	1.37E-02	1.76E-01
2304	NG_1000	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.807	9.96E-01	1.99E+00	Not Modelled	5.73E-01	9.22E-04	1.01E+00	9.96E-02	1.99E-02	1.99E-09	9.96E-03	2.38E-04	1.76E-04	4.88E-04	1.61E-03	9.51E-03	1.52E-04	3.43E-03	1.74E-01	1.62E-02	2.08E-01
2305	NG_1001	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.807	1.20E+00	2.40E+00	Not Modelled	6.86E-01	1.11E-03	1.22E+00	1.20E-01	2.40E-02	2.40E-09	1.20E-02	2.87E-04	2.11E-04	5.88E-04	1.93E-03	1.14E-02	1.83E-04	4.13E-03	2.10E-01	1.94E-02	2.50E-01
2306	NG_1002	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.807	1.37E+00	2.74E+00	Not Modelled	7.73E-01	1.27E-03	1.39E+00	1.37E-01	2.74E-02	2.74E-09	1.37E-02	3.27E-04	2.41E-04	6.71E-04	2.21E-03	1.31E-02	2.09E-04	4.72E-03	2.40E-01	2.22E-02	2.86E-01
2330	NG_1026	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.857	1.65E-01	3.29E-01	Not Modelled	8.80E-02	1.52E-04	1.42E-01	1.65E-02	3.29E-03	3.29E-10	1.65E-03	3.94E-05	2.90E-05	8.07E-05	2.66E-04	1.57E-03	2.51E-05	5.67E-04	2.88E-02	2.67E-03	3.43E-02
2331	NG_1027	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.857	1.76E-01	3.53E-01	Not Modelled	9.37E-02	1.63E-04	1.52E-01	1.76E-02	3.52E-03	3.52E-10	1.76E-03	4.22E-05	3.11E-05	8.64E-05	2.85E-04	1.68E-03	2.69E-05	6.07E-04	3.08E-02	2.86E-03	3.68E-02
2332	NG_1028	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.857	1.92E-01	3.83E-01	Not Modelled	1.02E-01	1.77E-04	1.67E-01	1.92E-02	3.83E-03	3.83E-10	1.92E-03	4.58E-05	3.38E-05	9.39E-05	3.09E-04	1.83E-03	2.92E-05	6.60E-04	3.35E-02	3.11E-03	4.00E-02
2333	NG_1029	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.857	2.09E-01	4.18E-01	Not Modelled	1.11E-01	1.93E-04	1.84E-01	2.09E-02	4.18E-03	4.18E-10	2.09E-03	5.00E-05	3.68E-05	1.03E-04	3.38E-04	2.00E-03	3.19E-05	7.21E-04	3.66E-02	3.39E-03	4.36E-02
2334	NG_1030	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.857	2.28E-01	4.56E-01	Not Modelled	1.21E-01	2.11E-04	2.01E-01	2.28E-02	4.56E-03	4.56E-10	2.28E-03	5.45E-05	4.02E-05	1.12E-04	3.68E-04	2.18E-03	3.48E-05	7.86E-04	3.99E-02	3.70E-03	4.76E-02
2335	NG_1031	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.857	2.48E-01	4.97E-01	Not Modelled	1.32E-01	2.30E-04	2.20E-01	2.48E-02	4.97E-03	4.97E-10	2.49E-03	5.94E-05	4.38E-05	1.22E-04	4.01E-04	2.37E-03	3.79E-05	8.56E-04	4.35E-02	4.03E-03	5.19E-02
2336	NG_1032	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.857	2.77E-01	5.54E-01	Not Modelled	1.49E-01	2.56E-04	2.49E-01	2.77E-02	5.53E-03	5.53E-10	2.77E-03	6.62E-05	4.88E-05	1.36E-04	4.47E-04	2.64E-03	4.22E-05	9.54E-04	4.84E-02	4.49E-03	5.77E-02
2337	NG_1033	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.857	3.14E-01	6.28E-01	Not Modelled	1.72E-01	2.91E-04	2.89E-01	3.14E-02	6.28E-03	6.28E-10	3.14E-03	7.51E-05	5.54E-05	1.54E-04	5.07E-04	3.00E-03	4.80E-05	1.08E-03	5.50E-02	5.10E-03	6.55E-02
2338	NG_1034	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.857	3.55E-01	7.11E-01	Not Modelled	1.97E-01	3.29E-04	3.34E-01	3.55E-02	7.10E-03	7.10E-10	3.55E-03	8.50E-05	6.26E-05	1.74E-04	5.73E-04	3.39E-03	5.42E-05	1.22E-03	6.22E-02	5.76E-03	7.41E-02
2339	NG_1035	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.857	3.97E-01	7.93E-01	Not Modelled	2.22E-01	3.67E-04	3.77E-01	3.97E-02	7.93E-03	7.93E-10	3.97E-03	9.49E-05	6.99E-05	1.94E-04	6.40E-04	3.79E-03	6.05E-05	1.37E-03	6.94E-02	6.43E-03	8.28E-02
2340	NG_1036	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.857	4.44E-01	8.89E-01	Not Modelled	2.52E-01	4.11E-04	4.30E-01	4.44E-02	8.89E-03	8.89E-10	4.45E-03	1.06E-04	7.83E-05	2.18E-04	7.18E-04	4.24E-03	6.79E-05	1.53E-03	7.78E-02	7.21E-03	9.28E-02
2341	NG_1037	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.857	5.07E-01	1.01E+00	Not Modelled	2.92E-01	4.69E-04	5.00E-01	5.07E-02	1.01E-02	1.01E-09	5.07E-03	1.21E-04	8.94E-05	2.49E-04	8.19E-04	4.84E-03	7.74E-05	1.75E-03	8.88E-02	8.23E-03	1.06E-01
2342	NG_1038	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.857	5.84E-01	1.17E+00	Not Modelled	3.39E-01	5.41E-04	5.83E-01	5.84E-02	1.17E-02	1.17E-09	5.84E-03	1.40E-04	1.03E-04	2.87E-04	9.43E-04	5.58E-03	8.92E-05	2.01E-03	1.02E-01	9.48E-03	1.22E-01
2343	NG_1039	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.857	6.77E-01	1.35E+00	Not Modelled	3.92E-01	6.27E-04	6.76E-01	6.77E-02	1.35E-02	1.35E-09	6.77E-03	1.62E-04	1.19E-04	3.32E-04	1.09E-03	6.47E-03	1.03E-04	2.33E-03	1.19E-01	1.10E-02	1.41E-01
2344	NG_1040	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.857	7.86E-01	1.57E+00	Not Modelled	4.51E-01	7.28E-04	7.81E-01	7.86E-02	1.57E-02	1.57E-09	7.87E-03	1.88E-04	1.39E-04	3.86E-04	1.27E-03	7.51E-03	1.20E-04	2.71E-03	1.38E-01	1.28E-02	1.64E-01
2345	NG_1041	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.857	9.12E-01	1.82E+00	Not Modelled	5.18E-01	8.44E-04	9.03E-01	9.12E-02	1.82E-02	1.82E-09	9.12E-03	2.18E-04	1.61E-04	4.47E-04	1.47E-03	8.71E-03	1.39E-04	3.14E-03	1.60E-01	1.48E-02	1.90E-01
2346	NG_1042	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.857	1.04E+00	2.08E+00	Not Modelled	5.87E-01	9.61E-04	1.03E+00	1.04E-01	2.08E-02	2.08E-09	1.04E-02	2.48E-04	1.83E-04	5.09E-04	1.68E-03	9.91E-03	1.59E-04	3.58E-03	1.82E-01	1.68E-02	2.17E-01
2347	NG_1043	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.857	1.13E+00	2.26E+00	Not Modelled	6.31E-01	1.04E-03	1.12E+00	1.13E-01	2.26E-02	2.26E-09	1.13E-02	2.70E-04	1.99E-04	5.53E-04	1.82E-03	1.08E-02	1.72E-04	3.89E-03	1.98E-01	1.83E-02	2.35E-01
2371	NG_1067	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.907	1.61E-01	3.22E-01	Not Modelled	8.63E-02	1.49E-04	1.38E-01	1.61E-02	3.21E-03	3.21E-10	1.61E-03	3.84E-05	2.83E-05	7.88E-05	2.60E-04	1.53E-03	2.45E-05	5.54E-04	2.81E-02	2.61E-03	3.35E-02
2372	NG_1068	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.907	1.71E-01	3.43E-01	Not Modelled	9.18E-02	1.59E-04	1.47E-01	1.72E-02	3.43E-03	3.43E-10	1.72E-03	4.10E-05	3.02E-05	8.41E-05	2.77E-04	1.64E-03	2.62E-05	5.91E-04	3.00E-02	2.78E-03	3.58E-02
2373	NG_1069	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.907	1.86E-01	3.71E-01	Not Modelled	9.96E-02	1.72E-04	1.61E-01	1.86E-02	3.71E-03	3.71E-10	1.86E-03	4.44E-05	3.27E-05	9.10E-05	3.00E-04	1.77E-03	2.83E-05	6.40E-04	3.25E-02	3.01E-03	3.87E-02
2374	NG_1070	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.907	2.02E-01	4.04E-01	Not Modelled	1.09E-01	1.87E-04	1.77E-01	2.02E-02	4.03E-03	4.03E-10	2.02E-03	4.82E-05	3.55E-05	9.89E-05	3.26E-04	1.93E-03	3.08E-05	6.95E-04	3.53E-02	3.27E-03	4.21E-02
2375	NG_1071	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.907	2.19E-01	4.37E-01	Not Modelled	1.18E-01	2.02E-04	1.93E-01	2.19E-02	4.37E-03	4.37E-10	2.19E-03	5.23E-05	3.85E-05	1.07E-04	3.53E-04	2.09E-03	3.34E-05	7.54E-04	3.83E-02	3.55E-03	4.56E-02
2376	NG_1072	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.907	2.36E-01	4.73E-01	Not Modelled	1.28E-01	2.19E-04	2.10E-01	2.36E-02	4.73E-03	4.73E-10	2.37E-03	5.66E-05	4.17E-05	1.16E-04	3.82E-04	2.26E-03	3.61E-05	8.15E-04	4.14E-02	3.84E-03	4.93E-02
2377	NG_1073	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.907	2.61E-01	5.22E-01	Not Modelled	1.43E-01	2.41E-04	2.35E-01	2.61E-02	5.22E-03	5.22E-10	2.61E-03	6.24E-05	4.60E-05	1.28E-04	4.21E-04	2.49E-03	3.98E-05	8.99E-04	4.57E-02	4.23E-03	5.44E-02
2378	NG_1074	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.907	2.93E-01	5.87E-01	Not Modelled	1.64E-01	2.71E-04	2.71E-01	2.93E-02	5.87E-03	5.87E-10	2.94E-03	7.02E-05	5.17E-05	1.44E-04	4.74E-04	2.80E-03	4.48E-05	1.01E-03	5.14E-02	4.76E-03	6.12E-02
2379	NG_1075	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.907	3.30E-01	6.60E-01	Not Modelled	1.87E-01	3.05E-04	3.12E-01	3.30E-02	6.60E-03	6.60E-10	3.30E-03	7.89E-05	5.81E-05	1.62E-04	5.33E-04	3.15E-03	5.04E-05	1.14E-03	5.78E-02	5.35E-03	6.88E-02
2380	NG_1076	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.907	3.63E-01	7.26E-01	Not Modelled	2.08E-01	3.36E-04	3.48E-01	3.63E-02	7.26E-03	7.26E-10	3.63E-03	8.68E-05	6.40E-05	1.78E-04	5.86E-04	3.47E-03	5.54E-05	1.25E-03	6.36E-02	5.89E-03	7.58E-02
2381	NG_1077	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.907	4.04E-01	8.08E-01	Not Modelled	2.33E-01	3.74E-04	3.91E-01	4.04E-02	8.08E-03	8.08E-10	4.04E-03	9.67E-05	7.12E-05	1.98E-04	6.53E-04	3.86E-03	6.17E-05	1.39E-03	7.07E-02	6.56E-03	8.43E-02
2382	NG_1078	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.907	4.61E-01	9.23E-01	Not Modelled	2.69E-01	4.27E-04	4.52E-01	4.62E-02	9.23E-03	9.23E-10	4.62E-03	1.10E-04	8.14E-05	2.26E-04	7.45E-04	4.41E-03	7.05E-05	1.59E-03	8.08E-02	7.49E-03	9.63E-02
2383	NG_1079	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.907	5.37E-01	1.07E+00	Not Modelled	3.13E-01	4.97E-04	5.29E-01	5.37E-02	1.07E-02	1.07E-09	5.37E-03	1.28E-04	9.47E-05	2.63E-04	8.67E-04	5.13E-03	8.20E-05	1.85E-03	9.40E-02	8.71E-03	1.12E-01
2384	NG_1080	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.907	6.30E-01	1.26E+00	Not Modelled	3.64E-01	5.83E-04	6.17E-01	6.30E-02	1.26E-02	1.26E-09	6.30E-03	1.51E-04	1.11E-04	3.09E-04	1.02E-03	6.01E-03	9.61E-05	2.17E-03	1.10E-01	1.02E-02	1.31E-01
2385	NG_1081	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.907	7.36E-01	1.47E+00	Not Modelled	4.20E-01	6.81E-04	7.18E-01	7.36E-02	1.47E-02	1.47E-09	7.37E-03	1.76E-04	1.30E-04	3.61E-04	1.19E-03	7.03E-03	1.12E-04	2.54E-03	1.29E-01	1.19E-02	1.54E-01
2386	NG_1082	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.907	8.38E-01	1.68E+00	Not Modelled	4.74E-01	7.76E-04	8.17E-01	8.39E-02	1.68E-02	1.68E-09	8.39E-03	2.01E-04	1.48E-04	4.11E-04	1.35E-03	8.01E-03	1.28E-04	2.89E-03	1.47E-01	1.36E-02	1.75E-01
2387	NG_1083	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.907	9.19E-01	1.84E+00	Not Modelled	5.17E-01	8.51E-04	8.99E-01	9.19E-02	1.84E-02	1.84E-09	9.20E-03	2.20E-04	1.62E-04	4.51E-04	1.48E-03	8.78E-03	1.40E-04	3.17E-03	1.61E-01	1.49E-02	1.92E-01
2412	NG_1108	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.957	1.58E-01	3.15E-01	Not Modelled	8.56E-02	1.46E-04	1.35E-01	1.58E-02	3.15E-03	3.15E-10	1.58E-03	3.77E-05	2.78E-05	7.73E-05	2.55E-04	1.50E-03	2.41E-05	5.43E-04	2.76E-02	2.56E-03	3.29E-02
2413	NG_1109	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.957	1.68E-01	3.37E-01	Not Modelled	9.13E-02	1.56E-04	1.45E-01	1.68E-02	3.36E-03	3.36E-10	1.68E-03	4.02E-05	2.96E-05	8.25E-05	2.72E-04	1.61E-03	2.57E-05	5.80E-04	2.94E-02	2.73E-03	3.51E-02
2414	NG_1110	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.957	1.81E-01	3.62E-01	Not Modelled	9.84E-02	1.67E-04	1.57E-01	1.81E-02	3.61E-03	3.61E-10	1.81E-03	4.32E-05	3.19E-05	8.86E-05	2.92E-04	1.73E-03	2.76E-05	6.23E-04	3.16E-02	2.93E-03	3.77E-02

AQIA DATA - SCENARIO 2 COMMERCIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**0.000**	**0.024**	**0.001**	**0.000**	**0.001**	**0.004**	**0.023**	**0.000**	**0.008**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2415	NG_1111	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.957	1.94E-01	3.89E-01	Not Modelled	1.06E-01	1.80E-04	1.71E-01	1.94E-02	3.89E-03	3.89E-10	1.94E-03	4.65E-05	3.43E-05	9.53E-05	3.14E-04	1.86E-03	2.97E-05	6.70E-04	3.40E-02	3.15E-03	4.06E-02
2416	NG_1112	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.957	2.09E-01	4.19E-01	Not Modelled	1.15E-01	1.94E-04	1.86E-01	2.09E-02	4.19E-03	4.19E-10	2.09E-03	5.01E-05	3.69E-05	1.03E-04	3.38E-04	2.00E-03	3.20E-05	7.22E-04	3.67E-02	3.40E-03	4.37E-02
2417	NG_1113	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.957	2.26E-01	4.52E-01	Not Modelled	1.25E-01	2.09E-04	2.02E-01	2.26E-02	4.52E-03	4.52E-10	2.26E-03	5.40E-05	3.98E-05	1.11E-04	3.65E-04	2.16E-03	3.45E-05	7.78E-04	3.95E-02	3.66E-03	4.71E-02
2418	NG_1114	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.957	2.46E-01	4.93E-01	Not Modelled	1.38E-01	2.28E-04	2.24E-01	2.46E-02	4.92E-03	4.92E-10	2.46E-03	5.89E-05	4.34E-05	1.21E-04	3.98E-04	2.35E-03	3.76E-05	8.49E-04	4.31E-02	4.00E-03	5.14E-02
2419	NG_1115	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.957	2.72E-01	5.43E-01	Not Modelled	1.54E-01	2.51E-04	2.52E-01	2.72E-02	5.43E-03	5.43E-10	2.72E-03	6.50E-05	4.79E-05	1.33E-04	4.38E-04	2.59E-03	4.15E-05	9.36E-04	4.75E-02	4.41E-03	5.67E-02
2420	NG_1116	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.957	3.01E-01	6.02E-01	Not Modelled	1.74E-01	2.79E-04	2.85E-01	3.01E-02	6.02E-03	6.02E-10	3.01E-03	7.20E-05	5.31E-05	1.48E-04	4.86E-04	2.87E-03	4.60E-05	1.04E-03	5.27E-02	4.89E-03	6.28E-02
2421	NG_1117	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.957	3.33E-01	6.67E-01	Not Modelled	1.95E-01	3.08E-04	3.19E-01	3.33E-02	6.67E-03	6.67E-10	3.33E-03	7.97E-05	5.88E-05	1.63E-04	5.38E-04	3.18E-03	5.09E-05	1.15E-03	5.84E-02	5.41E-03	6.96E-02
2422	NG_1118	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.957	3.73E-01	7.47E-01	Not Modelled	2.19E-01	3.46E-04	3.60E-01	3.74E-02	7.47E-03	7.47E-10	3.74E-03	8.94E-05	6.58E-05	1.83E-04	6.03E-04	3.57E-03	5.70E-05	1.29E-03	6.54E-02	6.06E-03	7.80E-02
2423	NG_1119	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.957	4.28E-01	8.57E-01	Not Modelled	2.51E-01	3.97E-04	4.15E-01	4.29E-02	8.57E-03	8.57E-10	4.29E-03	1.03E-04	7.55E-05	2.10E-04	6.92E-04	4.09E-03	6.54E-05	1.48E-03	7.50E-02	6.95E-03	8.94E-02
2424	NG_1120	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.957	4.98E-01	9.97E-01	Not Modelled	2.90E-01	4.61E-04	4.82E-01	4.98E-02	9.96E-03	9.96E-10	4.99E-03	1.19E-04	8.78E-05	2.44E-04	8.05E-04	4.76E-03	7.61E-05	1.72E-03	8.72E-02	8.08E-03	1.04E-01
2425	NG_1121	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.957	5.85E-01	1.17E+00	Not Modelled	3.36E-01	5.41E-04	5.62E-01	5.85E-02	1.17E-02	1.17E-09	5.85E-03	1.40E-04	1.03E-04	2.87E-04	9.44E-04	5.58E-03	8.93E-05	2.02E-03	1.02E-01	9.49E-03	1.22E-01
2426	NG_1122	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.957	6.79E-01	1.36E+00	Not Modelled	3.86E-01	6.28E-04	6.51E-01	6.79E-02	1.36E-02	1.36E-09	6.79E-03	1.62E-04	1.20E-04	3.33E-04	1.10E-03	6.48E-03	1.04E-04	2.34E-03	1.19E-01	1.10E-02	1.42E-01
2427	NG_1123	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.957	7.61E-01	1.52E+00	Not Modelled	4.29E-01	7.04E-04	7.32E-01	7.61E-02	1.52E-02	1.52E-09	7.62E-03	1.82E-04	1.34E-04	3.73E-04	1.23E-03	7.27E-03	1.16E-04	2.62E-03	1.33E-01	1.24E-02	1.59E-01
2428	NG_1124	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.957	8.16E-01	1.63E+00	Not Modelled	4.58E-01	7.55E-04	7.88E-01	8.16E-02	1.63E-02	1.63E-09	8.16E-03	1.95E-04	1.44E-04	4.00E-04	1.32E-03	7.79E-03	1.25E-04	2.81E-03	1.43E-01	1.32E-02	1.70E-01
2453	NG_1149	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.007	1.55E-01	3.10E-01	Not Modelled	8.56E-02	1.43E-04	1.33E-01	1.55E-02	3.10E-03	3.10E-10	1.55E-03	3.71E-05	2.73E-05	7.60E-05	2.50E-04	1.48E-03	2.36E-05	5.34E-04	2.71E-02	2.51E-03	3.23E-02
2454	NG_1150	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.007	1.65E-01	3.29E-01	Not Modelled	9.10E-02	1.52E-04	1.43E-01	1.65E-02	3.29E-03	3.29E-10	1.65E-03	3.94E-05	2.90E-05	8.07E-05	2.66E-04	1.57E-03	2.51E-05	5.67E-04	2.88E-02	2.67E-03	3.43E-02
2455	NG_1151	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.007	1.75E-01	3.50E-01	Not Modelled	9.68E-02	1.62E-04	1.52E-01	1.75E-02	3.49E-03	3.49E-10	1.75E-03	4.18E-05	3.08E-05	8.57E-05	2.82E-04	1.67E-03	2.67E-05	6.02E-04	3.06E-02	2.83E-03	3.65E-02
2456	NG_1152	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.007	1.87E-01	3.73E-01	Not Modelled	1.04E-01	1.73E-04	1.65E-01	1.87E-02	3.73E-03	3.73E-10	1.87E-03	4.47E-05	3.29E-05	9.15E-05	3.01E-04	1.78E-03	2.85E-05	6.43E-04	3.27E-02	3.03E-03	3.90E-02
2457	NG_1153	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.007	1.99E-01	3.98E-01	Not Modelled	1.12E-01	1.84E-04	1.77E-01	1.99E-02	3.98E-03	3.98E-10	1.99E-03	4.76E-05	3.51E-05	9.75E-05	3.21E-04	1.90E-03	3.04E-05	6.86E-04	3.48E-02	3.23E-03	4.15E-02
2458	NG_1154	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.007	2.14E-01	4.28E-01	Not Modelled	1.21E-01	1.98E-04	1.93E-01	2.14E-02	4.28E-03	4.28E-10	2.14E-03	5.12E-05	3.77E-05	1.05E-04	3.46E-04	2.04E-03	3.27E-05	7.38E-04	3.75E-02	3.47E-03	4.47E-02
2459	NG_1155	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.007	2.31E-01	4.62E-01	Not Modelled	1.32E-01	2.14E-04	2.11E-01	2.31E-02	4.62E-03	4.62E-10	2.31E-03	5.52E-05	4.07E-05	1.13E-04	3.73E-04	2.20E-03	3.52E-05	7.96E-04	4.04E-02	3.74E-03	4.82E-02
2460	NG_1156	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.007	2.53E-01	5.05E-01	Not Modelled	1.46E-01	2.34E-04	2.34E-01	2.53E-02	5.05E-03	5.05E-10	2.53E-03	6.04E-05	4.45E-05	1.24E-04	4.08E-04	2.41E-03	3.86E-05	8.71E-04	4.42E-02	4.10E-03	5.27E-02
2461	NG_1157	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.007	2.77E-01	5.54E-01	Not Modelled	1.62E-01	2.56E-04	2.60E-01	2.77E-02	5.54E-03	5.54E-10	2.77E-03	6.63E-05	4.88E-05	1.36E-04	4.47E-04	2.65E-03	4.23E-05	9.55E-04	4.85E-02	4.49E-03	5.78E-02
2462	NG_1158	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.007	3.10E-01	6.19E-01	Not Modelled	1.82E-01	2.86E-04	2.94E-01	3.10E-02	6.19E-03	6.19E-10	3.10E-03	7.41E-05	5.46E-05	1.52E-04	5.00E-04	2.96E-03	4.73E-05	1.07E-03	5.42E-02	5.02E-03	6.46E-02
2463	NG_1159	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.007	3.49E-01	6.98E-01	Not Modelled	2.05E-01	3.23E-04	3.32E-01	3.49E-02	6.98E-03	6.98E-10	3.49E-03	8.35E-05	6.15E-05	1.71E-04	5.64E-04	3.33E-03	5.33E-05	1.20E-03	6.11E-02	5.66E-03	7.28E-02
2464	NG_1160	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.007	4.05E-01	8.10E-01	Not Modelled	2.37E-01	3.75E-04	3.86E-01	4.05E-02	8.10E-03	8.10E-10	4.05E-03	9.69E-05	7.14E-05	1.99E-04	6.54E-04	3.87E-03	6.18E-05	1.40E-03	7.09E-02	6.57E-03	8.45E-02
2465	NG_1161	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.007	4.72E-01	9.44E-01	Not Modelled	2.73E-01	4.37E-04	4.48E-01	4.72E-02	9.44E-03	9.44E-10	4.72E-03	1.13E-04	8.32E-05	2.32E-04	7.62E-04	4.51E-03	7.21E-05	1.63E-03	8.26E-02	7.66E-03	9.85E-02
2466	NG_1162	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.007	5.47E-01	1.10E+00	Not Modelled	3.13E-01	5.07E-04	5.17E-01	5.47E-02	1.09E-02	1.09E-09	5.48E-03	1.31E-04	9.65E-05	2.69E-04	8.84E-04	5.23E-03	8.36E-05	1.89E-03	9.59E-02	8.88E-03	1.14E-01
2467	NG_1163	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.007	6.22E-01	1.24E+00	Not Modelled	3.52E-01	5.76E-04	5.88E-01	6.22E-02	1.24E-02	1.24E-09	6.22E-03	1.49E-04	1.10E-04	3.05E-04	1.00E-03	5.94E-03	9.50E-05	2.14E-03	1.09E-01	1.01E-02	1.30E-01
2468	NG_1164	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.007	6.82E-01	1.36E+00	Not Modelled	3.85E-01	6.31E-04	6.48E-01	6.82E-02	1.36E-02	1.36E-09	6.82E-03	1.63E-04	1.20E-04	3.34E-04	1.10E-03	6.51E-03	1.04E-04	2.35E-03	1.19E-01	1.11E-02	1.42E-01
2469	NG_1165	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.007	7.16E-01	1.43E+00	Not Modelled	4.03E-01	6.62E-04	6.84E-01	7.16E-02	1.43E-02	1.43E-09	7.16E-03	1.71E-04	1.26E-04	3.51E-04	1.16E-03	6.84E-03	1.09E-04	2.47E-03	1.25E-01	1.16E-02	1.49E-01
2494	NG_1190	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.057	1.51E-01	3.02E-01	Not Modelled	8.51E-02	1.40E-04	1.31E-01	1.51E-02	3.02E-03	3.02E-10	1.51E-03	3.61E-05	2.66E-05	7.41E-05	2.44E-04	1.44E-03	2.31E-05	5.21E-04	2.64E-02	2.45E-03	3.15E-02
2495	NG_1191	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.057	1.60E-01	3.20E-01	Not Modelled	9.03E-02	1.48E-04	1.39E-01	1.60E-02	3.20E-03	3.20E-10	1.60E-03	3.82E-05	2.82E-05	7.84E-05	2.58E-04	1.53E-03	2.44E-05	5.51E-04	2.80E-02	2.59E-03	3.33E-02
2496	NG_1192	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.057	1.68E-01	3.36E-01	Not Modelled	9.52E-02	1.56E-04	1.48E-01	1.68E-02	3.36E-03	3.36E-10	1.68E-03	4.02E-05	2.96E-05	8.24E-05	2.71E-04	1.60E-03	2.57E-05	5.79E-04	2.94E-02	2.73E-03	3.51E-02
2497	NG_1193	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.057	1.77E-01	3.54E-01	Not Modelled	1.01E-01	1.64E-04	1.56E-01	1.77E-02	3.54E-03	3.54E-10	1.77E-03	4.23E-05	3.12E-05	8.68E-05	2.86E-04	1.69E-03	2.70E-05	6.10E-04	3.10E-02	2.87E-03	3.69E-02
2498	NG_1194	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.057	1.87E-01	3.75E-01	Not Modelled	1.07E-01	1.73E-04	1.68E-01	1.87E-02	3.75E-03	3.75E-10	1.88E-03	4.48E-05	3.30E-05	9.19E-05	3.03E-04	1.79E-03	2.86E-05	6.46E-04	3.28E-02	3.04E-03	3.91E-02
2499	NG_1195	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.057	2.00E-01	3.99E-01	Not Modelled	1.15E-01	1.85E-04	1.80E-01	2.00E-02	3.99E-03	3.99E-10	2.00E-03	4.77E-05	3.52E-05	9.79E-05	3.22E-04	1.91E-03	3.05E-05	6.88E-04	3.49E-02	3.24E-03	4.17E-02
2500	NG_1196	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.057	2.15E-01	4.30E-01	Not Modelled	1.25E-01	1.99E-04	1.96E-01	2.15E-02	4.29E-03	4.29E-10	2.15E-03	5.14E-05	3.79E-05	1.05E-04	3.47E-04	2.05E-03	3.28E-05	7.40E-04	3.76E-02	3.48E-03	4.48E-02
2501	NG_1197	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.057	2.36E-01	4.72E-01	Not Modelled	1.39E-01	2.18E-04	2.18E-01	2.36E-02	4.72E-03	4.72E-10	2.36E-03	5.64E-05	4.16E-05	1.16E-04	3.81E-04	2.25E-03	3.60E-05	8.13E-04	4.13E-02	3.83E-03	4.92E-02
2502	NG_1198	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.057	2.61E-01	5.22E-01	Not Modelled	1.54E-01	2.41E-04	2.43E-01	2.61E-02	5.21E-03	5.21E-10	2.61E-03	6.24E-05	4.60E-05	1.28E-04	4.21E-04	2.49E-03	3.98E-05	8.99E-04	4.57E-02	4.23E-03	5.44E-02
2503	NG_1199	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.057	2.90E-01	5.80E-01	Not Modelled	1.71E-01	2.68E-04	2.71E-01	2.90E-02	5.80E-03	5.80E-10	2.90E-03	6.94E-05	5.11E-05	1.42E-04	4.68E-04	2.77E-03	4.43E-05	1.00E-03	5.08E-02	4.71E-03	6.05E-02
2504	NG_1200	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.057	3.31E-01	6.62E-01	Not Modelled	1.94E-01	3.06E-04	3.09E-01	3.31E-02	6.61E-03	6.61E-10	3.31E-03	7.91E-05	5.83E-05	1.62E-04	5.34E-04	3.16E-03	5.05E-05	1.14E-03	5.79E-02	5.36E-03	6.90E-02
2505	NG_1201	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.057	3.87E-01	7.74E-01	Not Modelled	2.25E-01	3.58E-04	3.62E-01	3.87E-02	7.74E-03	7.74E-10	3.87E-03	9.26E-05	6.82E-05	1.90E-04	6.25E-04	3.69E-03	5.91E-05	1.33E-03	6.77E-02	6.28E-03	8.07E-02
2506	NG_1202	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.057	4.52E-01	9.03E-01	Not Modelled	2.60E-01	4.18E-04	4.22E-01	4.52E-02	9.03E-03	9.03E-10	4.52E-03	1.08E-04	7.96E-05	2.21E-04	7.29E-04	4.31E-03	6.89E-05	1.56E-03	7.91E-02	7.33E-03	9.42E-02
2507	NG_1203	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.057	5.18E-01	1.04E+00	Not Modelled	2.95E-01	4.79E-04	4.83E-01	5.18E-02	1.04E-02	1.04E-09	5.18E-03	1.24E-04	9.13E-05	2.54E-04	8.36E-04	4.94E-03	7.90E-05	1.78E-03	9.06E-02	8.40E-03	1.08E-01
2508	NG_1204	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.057	5.77E-01	1.15E+00	Not Modelled	3.27E-01	5.34E-04	5.40E-01	5.77E-02	1.15E-02	1.15E-09	5.77E-03	1.38E-04	1.02E-04	2.83E-04	9.31E-04	5.51E-03	8.81E-05	1.99E-03	1.01E-01	9.36E-03	1.20E-01
2509	NG_1205	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.057	6.16E-01	1.23E+00	Not Modelled	3.48E-01	5.70E-04	5.80E-01	6.16E-02	1.23E-02	1.23E-09	6.16E-03	1.47E-04	1.09E-04	3.02E-04	9.95E-04	5.88E-03	9.41E-05	2.12E-03	1.08E-01	1.00E-02	1.29E-01
2510	NG_1206	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.057	6.30E-01	1.26E+00	Not Modelled	3.55E-01	5.83E-04	5.96E-01	6.30E-02	1.26E-02	1.26E-09	6.30E-03	1.51E-04	1.11E-04	3.09E-04	1.02E-03	6.01E-03	9.61E-05	2.17E-03	1.10E-01	1.02E-02	1.31E-01
2521	NG_1217	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.057	2.93E-01	5.87E-01	Not Modelled	1.44E-01	2.71E-04	2.40E-01	2.93E-02	5.86E-03	5.86E-10	2.93E-03	7.01E-05	5.17E-05	1.44E-04	4.73E-04	2.80E-03	4.48E-05	1.01E-03	5.13E-02	4.76E-03	6.12E-02
2522	NG_1218	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.057	2.75E-01	5.50E-01	Not Modelled	1.35E-01	2.54E-04	2.23E-01	2.75E-02	5.49E-03	5.49E-10	2.75E-03	6.57E-05	4.84E-05	1.35E-04	4.44E-04	2.62E-03	4.19E-05	9.47E-04	4.81E-02	4.46E-03	5.73E-02
2523	NG_1219	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.057	2.54E-01	5.09E-01	Not Modelled	1.26E-01	2.35E-04	2.05E-01	2.54E-02	5.08E-03	5.08E-10	2.54E-03	6.08E-05	4.48E-05	1.25E-04	4.11E-04	2.43E-03	3.88E-05	8.77E-04	4.45E-02	4.12E-03	5.31E-02
2524	NG_1220	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.057	2.35E-01	4.70E-01	Not Modelled	1.16E-01	2.17E-04	1.87E-01	2.35E-02	4.70E-03	4.70E-10	2.35E-03	5.62E-05	4.14E-05	1.15E-04	3.79E-04	2.24E-03	3.59E-05	8.10E-04	4.11E-02	3.81E-03	4.90E-02
2533	NG_1229	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.057	1.39E-01	2.78E-01	Not Modelled	6.78E-02	1.29E-04	9.94E-02	1.39E-02	2.78E-03	2.78E-10	1.39E-03	3.33E-05	2.45E-05	6.82E-05	2.25E-04	1.33E-03	2.12E-05	4.80E-04	2.44E-02	2.26E-03	2.90E-02
2534	NG_1230	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.057	1.36E-01	2.72E-01	Not Modelled	6.65E-02	1.26E-04	9.67E-02	1.36E-02	2.72E-03	2.72E-10	1.36E-03	3.25E-05	2.40E-05	6.66E-05	2.19E-04	1.30E-03	2.07E-05	4.68E-04	2.38E-02	2.20E-03	2.84E-02
2535	NG_1231	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.107	1.45E-01	2.91E-01	Not Modelled	8.35E-02	1.35E-04	1.26E-01	1.45E-02	2.91E-03	2.91E-10	1.46E-03	3.48E-05	2.56E-05	7.13E-05	2.35E-04	1.39E-03	2.22E-05	5.01E-04	2.55E-02	2.36E-03	3.04E-02
2536	NG_1232	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.107	1.53E-01	3.06E-01	Not Modelled	8.81E-02	1.41E-04	1.34E-01	1.53E-02	3.06E-03	3.06E-10	1.53E-03	3.66E-05	2.69E-05	7.50E-05	2.47E-04	1.46E-03	2.33E-05	5.27E-04	2.68E-02	2.48E-03	3.19E-02
2537	NG_1233	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.107	1.60E-01	3.20E-01	Not Modelled	9.24E-02	1.48E-04	1.41E-01	1.60E-02	3.20E-03	3.20E-10	1.60E-03	3.82E-05	2.82E-05	7.84E-05	2.58E-04	1.53E-03	2.44E-05	5.51E-04	2.80E-02	2.59E-03	3.34E-02
2538	NG_1234	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.107	1.68E-01	3.35E-01	Not Modelled	9.72E-02	1.55E-04	1.49E-01	1.68E-02	3.35E-03	3.35E-10	1.68E-03	4.01E-05	2.95E-05	8.22E-05	2.71E-04	1.60E-03	2.56E-05	5.78E-04	2.93E-02	2.72E-03	3.50E-02
2539	NG_1235	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.107	1.76E-01	3.53E-01	Not Modelled	1.03E-01	1.63E-04	1.57E-01	1.76E-02	3.52E-03	3.52E-10	1.76E-03	4.22E-05	3.11E-05	8.64E-05	2.85E-04	1.68E-03	2.69E-05	6.08E-04	3.09E-02	2.86E-03	3.68E-02
2540	NG_1236	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.107	1.86E-01	3.73E-01	Not Modelled	1.09E-01	1.72E-04	1.67E-01	1.86E-02	3.72E-03	3.72E-10	1.86E-03	4.46E-05	3.28E-05	9.13E-05	3.01E-04	1.78E-03	2.84E-05	6.42E-04	3.26E-02	3.02E-03	3.89E-02
2541	NG_1237	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.107	2.01E-01	4.02E-01	Not Modelled	1.18E-01	1.86E-04	1.82E-01	2.01E-02	4.02E-03	4.02E-10	2.01E-03	4.81E-05	3.54E-05	9.86E-05	3.25E-04	1.92E-03	3.07E-05	6.93E-04	3.52E-02	3.26E-03	4.20E-02
2542	NG_1238	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.107	2.24E-01	4.47E-01	Not Modelled	1.33E-01	2.07E-04	2.05E-01	2.24E-02	4.47E-03	4.47E-10	2.24E-03	5.35E-05	3.94E-05	1.10E-04	3.61E-04	2.13E-03	3.41E-05	7.71E-04	3.91E-02	3.63E-03	4.67E-02
2543	NG_1239	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.107	2.50E-01	5.00E-01	Not Modelled	1.48E-01	2.31E-04	2.30E-01	2.50E-02	4.99E-03	4.99E-10	2.50E-03	5.97E-05	4.40E-05	1.22E-04	4.03E-04	2.38E-03	3.81E-05	8.61E-04	4.37E-02	4.05E-03	5.21E-02
2544	NG_1240	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.107	2.77E-01	5.55E-01	Not Modelled	1.63E-01	2.57E-04	2.54E-01	2.77E-02	5.55E-03	5.55E-10	2.77E-03	6.63E-05	4.89E-05	1.36E-04	4.48E-04	2.65E-03	4.23E-05	9.56E-04	4.85E-02	4.50E-03	5.79E-02
2545	NG_1241	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.107	3.16E-01	6.32E-01	Not Modelled	1.84E-01	2.92E-04	2.89E-01	3.16E-02	6.31E-03	6.31E-10	3.16E-03	7.55E-05	5.56E-05	1.55E-04	5.10E-04	3.01E-03	4.82E-05	1.09E-03	5.53E-02	5.12E-03	6.59E-02
2546	NG_1242	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.107	3.69E-01	7.39E-01	Not Modelled	2.13E-01	3.42E-04	3.39E-01	3.69E-02	7.38E-03	7.38E-10	3.69E-03	8.83E-05	6.51E-05	1.81E-04	5.96E-04	3.53E-03	5.64E-05	1.27E-03	6.46E-02	5.99E-03	7.71E-02
2547	NG_1243	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.107	4.29E-01	8.58E-01	Not Modelled	2.46E-01	3.97E-04	3.94E-01	4.29E-02	8.58E-03	8.58E-10	4.29E-03	1.03E-04	7.56E-05	2.10E-04	6.93E-04	4.10E-03	6.55E-05	1.48E-03	7.51E-02	6.96E-03	8.95E-02
2548	NG_1244	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.107	4.85E-01	9.70E-01	Not Modelled	2.76E-01	4.49E-04	4.47E-01	4.85E-02	9.70E-03	9.70E-10	4.85E-03	1.16E-04	8.55E-05	2.38E-04	7.83E-04	4.63E-03	7.40E-05	1.67E-03	8.49E-02	7.87E-03	1.01E-01
2549	NG_1245	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.107	5.31E-01	1.06E+00	Not Modelled	3.02E-01	4.92E-04	4.93E-01	5.31E-02	1.06E-02	1.06E-09	5.32E-03	1.27E-04	9.37E-05	2.61E-04	8.58E-04	5.07E-03	8.11E-05	1.83E-03	9.30E-02	8.62E-03	1.11E-01
2550	NG_1246	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.107	5.55E-01	1.11E+00	Not Modelled	3.16E-01	5.14E-04	5.19E-01	5.55E-02	1.11E-02	1.11E-09	5.56E-03	1.33E-04	9.79E-05	2.72E-04	8.97E-04	5.30E-03	8.48E-05	1.91E-03	9.72E-02	9.01E-03	1.16E-01
2555	NG_1251	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.107	4.08E-01	8.17E-01	Not Modelled	2.00E-01	3.78E-04	3.39E-01	4.08E-02	8.17E-03	8.17E-10	4.09E-03	9.77E-05	7.20E-05	2.00E-04	6.60E-04	3.90E-03	6.24E-05	1.41E-03	7.15E-02	6.63E-03	8.52E-02
2556	NG_1252	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.107	3.70E-01	7.40E-01	Not Modelled	1.77E-01	3.42E-04	3.00E-01	3.70E-02	7.40E-03	7.40E-10	3.70E-03	8.85E-05	6.52E-05	1.81E-04	5.97E-04	3.53E-03	5.65E-05	1.28E-03	6.48E-02	6.00E-03	7.72E-02
2557	NG_1253	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.107	3.38E-01	6.76E-01	Not Modelled	1.60E-01	3.13E-04	2.71E-01	3.38E-02	6.76E-03	6.76E-10	3.38E-03	8.09E-05	5.96E-05	1.66E-04	5.46E-04	3.23E-03	5.16E-05	1.17E-03	5.92E-02	5.48E-03	7.06E-02
2558	NG_1254	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.107	3.15E-01	6.30E-01	Not Modelled	1.49E-01	2.91E-04	2.53E-01	3.15E-02	6.30E-03	6.30E-10	3.15E-03	7.54E-05	5.55E-05	1.55E-04	5.09E-04	3.01E-03	4.81E-05	1.09E-03	5.52E-02	5.11E-03	6.57E-02
2561	NG_1257	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.107	2.79E-01	5.58E-01	Not Modelled	1.36E-01	2.58E-04	2.26E-01	2.79E-02	5.58E-03	5.58E-10	2.79E-03	6.68E-05	4.92E-05	1.37E-04	4.51E-04	2.66E-03	4.26E-05	9.62E-04	4.89E-02	4.53E-03	5.82E-02
2562	NG_1258	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.107	2.73E-01	5.46E-01	Not Modelled	1.34E-01	2.53E-04	2.22E-01	2.73E-02	5.46E-03	5.46E-10	2.73E-03	6.53E-05	4.81E-05	1.34E-04	4.41E-04	2.61E-03	4.17E-05	9.42E-04	4.78E-02	4.43E-03	5.70E-02
2563	NG_1259	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.107	2.61E-01	5.22E-01	Not Modelled	1.29E-01	2.41E-04	2.11E-01	2.61E-02	5.22E-03	5.22E-10	2.61E-03	6.24E-05	4.60E-05	1.28E-04	4.21E-04	2.49E-03	3.98E-05	9.00E-04	4.57E-02	4.23E-03	5.45E-02
2564	NG_1260	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.107	2.45E-01	4.90E-01	Not Modelled	1.22E-01	2.26E-04	1.97E-01	2.45E-02	4.89E-03	4.89E-10	2.45E-03	5.85E-05	4.31E-05	1.20E-04	3.95E-04	2.34E-03	3.74E-05	8.44E-04	4.28E-02	3.97E-03	5.11E-02
2565	NG_1261	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.107	2.27E-01	4.54E-01	Not Modelled	1.13E-01	2.10E-04	1.82E-01	2.27E-02	4.54E-03	4.54E-10	2.27E-03	5.43E-05	4.00E-05	1.11E-04	3.67E-04	2.17E-03	3.47E-05	7.83E-04	3.98E-02	3.68E-03	4.74E-02
2567	NG_1263	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.107	1.88E-01	3.77E-01	Not Modelled	9.34E-02	1.74E-04	1.46E-01	1.88E-02	3.77E-03	3.77E-10	1.88E-03	4.51E-05	3.32E-05	9.24E-05	3.04E-04	1.80E-03	2.88E-05	6.49E-04	3.30E-02	3.06E-03	3.93E-02
2568	NG_1264	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.107	1.75E-01	3.50E-01	Not Modelled	8.64E-02	1.62E-04	1.33E-01	1.75E-02	3.50E-03	3.50E-10	1.75E-03	4.18E-05	3.08E-05	8.58E-05	2.82E-04	1.67E-03	2.67E-05	6.03E-04	3.06E-02	2.84E-03	3.65E-02
2569	NG_1265	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.107	1.64E-01	3.28E-01	Not Modelled	8.06E-02	1.51E-04	1.23E-01	1.64E-02	3.27E-03	3.27E-10	1.64E-03	3.92E-05	2.89E-05	8.03E-05	2.64E-04	1.56E-03	2.50E-05	5.64E-04	2.87E-02	2.66E-03	3.42E-02
2570	NG_1266	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.107	1.53E-01	3.07E-01	Not Modelled	7.52E-02	1.42E-04	1.13E-01	1.53E-02	3.07E-03	3.07E-10	1.53E-03	3.67E-05	2.70E-05	7.52E-05	2.48E-04	1.46E-03	2.34E-05	5.29E-04	2.68E-02	2.49E-03	3.20E-02
2571	NG_1267	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.107	1.45E-01	2.89E-01	Not Modelled	7.05E-02	1.34E-04	1.05E-01	1.45E-02	2.89E-03	2.89E-10	1.45E-03	3.46E-05	2.55E-05	7.09E-05	2.34E-04	1.38E-03	2.21E-05	4.99E-04	2.53E-02	2.35E-03	3.02E-02
2572	NG_1268	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.107	1.38E-01	2.77E-01	Not Modelled	6.73E-02	1.28E-04	9.96E-02	1.38E-02	2.77E-03	2.77E-10	1.38E-03	3.31E-05	2.44E-05	6.78E-05	2.23E-04	1.32E-03	2.11E-05	4.77E-04	2.42E-02	2.24E-03	2.89E-02

AQIA DATA - SCENARIO 2 COMMERCIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**0.000**	**0.024**	**0.001**	**0.000**	**0.001**	**0.004**	**0.023**	**0.000**	**0.008**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2573	NG_1269	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.107	1.34E-01	2.68E-01	Not Modelled	6.52E-02	1.24E-04	9.56E-02	1.34E-02	2.68E-03	2.68E-10	1.34E-03	3.20E-05	2.36E-05	6.56E-05	2.16E-04	1.28E-03	2.04E-05	4.61E-04	2.34E-02	2.17E-03	2.79E-02
2574	NG_1270	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.107	1.30E-01	2.61E-01	Not Modelled	6.38E-02	1.21E-04	9.29E-02	1.31E-02	2.61E-03	2.61E-10	1.31E-03	3.12E-05	2.30E-05	6.40E-05	2.11E-04	1.25E-03	1.99E-05	4.50E-04	2.28E-02	2.12E-03	2.72E-02
2575	NG_1271	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.107	1.28E-01	2.56E-01	Not Modelled	6.28E-02	1.18E-04	9.08E-02	1.28E-02	2.56E-03	2.56E-10	1.28E-03	3.06E-05	2.26E-05	6.28E-05	2.07E-04	1.22E-03	1.95E-05	4.41E-04	2.24E-02	2.08E-03	2.67E-02
2576	NG_1272	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.157	1.38E-01	2.77E-01	Not Modelled	8.07E-02	1.28E-04	1.20E-01	1.38E-02	2.77E-03	2.77E-10	1.38E-03	3.31E-05	2.44E-05	6.79E-05	2.23E-04	1.32E-03	2.11E-05	4.77E-04	2.42E-02	2.25E-03	2.89E-02
2577	NG_1273	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.157	1.45E-01	2.89E-01	Not Modelled	8.48E-02	1.34E-04	1.27E-01	1.45E-02	2.89E-03	2.89E-10	1.45E-03	3.46E-05	2.55E-05	7.09E-05	2.34E-04	1.38E-03	2.21E-05	4.99E-04	2.53E-02	2.35E-03	3.02E-02
2578	NG_1274	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.157	1.51E-01	3.02E-01	Not Modelled	8.88E-02	1.40E-04	1.33E-01	1.51E-02	3.02E-03	3.02E-10	1.51E-03	3.61E-05	2.66E-05	7.40E-05	2.44E-04	1.44E-03	2.30E-05	5.20E-04	2.64E-02	2.45E-03	3.15E-02
2579	NG_1275	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.157	1.58E-01	3.16E-01	Not Modelled	9.32E-02	1.46E-04	1.40E-01	1.58E-02	3.16E-03	3.16E-10	1.58E-03	3.78E-05	2.79E-05	7.75E-05	2.55E-04	1.51E-03	2.41E-05	5.45E-04	2.77E-02	2.57E-03	3.30E-02
2580	NG_1276	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.157	1.67E-01	3.34E-01	Not Modelled	9.86E-02	1.54E-04	1.48E-01	1.67E-02	3.34E-03	3.34E-10	1.67E-03	3.99E-05	2.94E-05	8.18E-05	2.69E-04	1.59E-03	2.55E-05	5.75E-04	2.92E-02	2.71E-03	3.48E-02
2581	NG_1277	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.157	1.77E-01	3.55E-01	Not Modelled	1.05E-01	1.64E-04	1.58E-01	1.77E-02	3.54E-03	3.54E-10	1.77E-03	4.24E-05	3.12E-05	8.69E-05	2.86E-04	1.69E-03	2.71E-05	6.11E-04	3.10E-02	2.87E-03	3.70E-02
2582	NG_1278	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.157	1.92E-01	3.83E-01	Not Modelled	1.14E-01	1.77E-04	1.72E-01	1.92E-02	3.83E-03	3.83E-10	1.92E-03	4.58E-05	3.38E-05	9.39E-05	3.09E-04	1.83E-03	2.92E-05	6.60E-04	3.35E-02	3.11E-03	4.00E-02
2583	NG_1279	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.157	2.13E-01	4.26E-01	Not Modelled	1.26E-01	1.97E-04	1.92E-01	2.13E-02	4.26E-03	4.26E-10	2.13E-03	5.10E-05	3.75E-05	1.04E-04	3.44E-04	2.03E-03	3.25E-05	7.34E-04	3.73E-02	3.46E-03	4.45E-02
2584	NG_1280	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.157	2.39E-01	4.78E-01	Not Modelled	1.41E-01	2.21E-04	2.16E-01	2.39E-02	4.78E-03	4.78E-10	2.39E-03	5.72E-05	4.21E-05	1.17E-04	3.86E-04	2.28E-03	3.65E-05	8.24E-04	4.18E-02	3.88E-03	4.99E-02
2585	NG_1281	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.157	2.69E-01	5.39E-01	Not Modelled	1.58E-01	2.49E-04	2.43E-01	2.69E-02	5.39E-03	5.39E-10	2.69E-03	6.44E-05	4.75E-05	1.32E-04	4.35E-04	2.57E-03	4.11E-05	9.28E-04	4.71E-02	4.37E-03	5.62E-02
2586	NG_1282	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.157	3.06E-01	6.13E-01	Not Modelled	1.78E-01	2.83E-04	2.76E-01	3.06E-02	6.13E-03	6.13E-10	3.06E-03	7.33E-05	5.40E-05	1.50E-04	4.95E-04	2.92E-03	4.68E-05	1.06E-03	5.36E-02	4.97E-03	6.39E-02
2587	NG_1283	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.157	3.52E-01	7.05E-01	Not Modelled	2.02E-01	3.26E-04	3.17E-01	3.52E-02	7.04E-03	7.04E-10	3.52E-03	8.43E-05	6.21E-05	1.73E-04	5.69E-04	3.36E-03	5.38E-05	1.21E-03	6.17E-02	5.71E-03	7.35E-02
2588	NG_1284	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.157	4.00E-01	8.01E-01	Not Modelled	2.28E-01	3.70E-04	3.62E-01	4.00E-02	8.01E-03	8.01E-10	4.01E-03	9.58E-05	7.06E-05	1.96E-04	6.46E-04	3.82E-03	6.11E-05	1.38E-03	7.01E-02	6.50E-03	8.36E-02
2589	NG_1285	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.157	4.46E-01	8.93E-01	Not Modelled	2.54E-01	4.13E-04	4.06E-01	4.46E-02	8.92E-03	8.92E-10	4.46E-03	1.07E-04	7.86E-05	2.19E-04	7.20E-04	4.26E-03	6.81E-05	1.54E-03	7.81E-02	7.24E-03	9.31E-02
2590	NG_1286	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.157	4.82E-01	9.64E-01	Not Modelled	2.74E-01	4.46E-04	4.42E-01	4.82E-02	9.63E-03	9.63E-10	4.82E-03	1.15E-04	8.49E-05	2.36E-04	7.78E-04	4.60E-03	7.35E-05	1.66E-03	8.43E-02	7.81E-03	1.01E-01
2591	NG_1287	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.157	4.97E-01	9.93E-01	Not Modelled	2.83E-01	4.59E-04	4.60E-01	4.97E-02	9.93E-03	9.93E-10	4.97E-03	1.19E-04	8.75E-05	2.44E-04	8.02E-04	4.74E-03	7.58E-05	1.71E-03	8.69E-02	8.06E-03	1.04E-01
2596	NG_1292	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.157	3.67E-01	7.34E-01	Not Modelled	1.82E-01	3.40E-04	3.03E-01	3.67E-02	7.34E-03	7.34E-10	3.67E-03	8.78E-05	6.47E-05	1.80E-04	5.93E-04	3.50E-03	5.60E-05	1.27E-03	6.43E-02	5.95E-03	7.66E-02
2597	NG_1293	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.157	3.33E-01	6.67E-01	Not Modelled	1.60E-01	3.08E-04	2.69E-01	3.33E-02	6.66E-03	6.66E-10	3.33E-03	7.97E-05	5.87E-05	1.63E-04	5.38E-04	3.18E-03	5.09E-05	1.15E-03	5.83E-02	5.41E-03	6.95E-02
2598	NG_1294	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.157	3.05E-01	6.10E-01	Not Modelled	1.45E-01	2.82E-04	2.43E-01	3.05E-02	6.10E-03	6.10E-10	3.05E-03	7.30E-05	5.37E-05	1.50E-04	4.92E-04	2.91E-03	4.66E-05	1.05E-03	5.34E-02	4.95E-03	6.36E-02
2599	NG_1295	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.157	2.84E-01	5.69E-01	Not Modelled	1.35E-01	2.63E-04	2.26E-01	2.85E-02	5.69E-03	5.69E-10	2.85E-03	6.81E-05	5.02E-05	1.40E-04	4.59E-04	2.72E-03	4.34E-05	9.81E-04	4.98E-02	4.62E-03	5.94E-02
2600	NG_1296	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.157	2.71E-01	5.42E-01	Not Modelled	1.30E-01	2.51E-04	2.16E-01	2.71E-02	5.42E-03	5.42E-10	2.71E-03	6.48E-05	4.77E-05	1.33E-04	4.37E-04	2.59E-03	4.13E-05	9.34E-04	4.74E-02	4.39E-03	5.65E-02
2602	NG_1298	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.157	2.59E-01	5.18E-01	Not Modelled	1.26E-01	2.39E-04	2.08E-01	2.59E-02	5.17E-03	5.17E-10	2.59E-03	6.19E-05	4.56E-05	1.27E-04	4.18E-04	2.47E-03	3.95E-05	8.92E-04	4.53E-02	4.20E-03	5.40E-02
2603	NG_1299	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.157	2.55E-01	5.10E-01	Not Modelled	1.25E-01	2.36E-04	2.06E-01	2.55E-02	5.09E-03	5.09E-10	2.55E-03	6.09E-05	4.49E-05	1.25E-04	4.11E-04	2.43E-03	3.89E-05	8.78E-04	4.46E-02	4.13E-03	5.32E-02
2604	NG_1300	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.157	2.46E-01	4.91E-01	Not Modelled	1.22E-01	2.27E-04	1.98E-01	2.46E-02	4.91E-03	4.91E-10	2.46E-03	5.88E-05	4.33E-05	1.20E-04	3.97E-04	2.35E-03	3.75E-05	8.47E-04	4.30E-02	3.98E-03	5.13E-02
2605	NG_1301	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.157	2.33E-01	4.66E-01	Not Modelled	1.16E-01	2.15E-04	1.87E-01	2.33E-02	4.66E-03	4.66E-10	2.33E-03	5.57E-05	4.10E-05	1.14E-04	3.76E-04	2.22E-03	3.56E-05	8.03E-04	4.08E-02	3.78E-03	4.86E-02
2606	NG_1302	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.157	2.18E-01	4.37E-01	Not Modelled	1.09E-01	2.02E-04	1.74E-01	2.18E-02	4.37E-03	4.37E-10	2.18E-03	5.23E-05	3.85E-05	1.07E-04	3.53E-04	2.09E-03	3.33E-05	7.53E-04	3.82E-02	3.54E-03	4.56E-02
2607	NG_1303	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.157	2.00E-01	4.01E-01	Not Modelled	1.00E-01	1.86E-04	1.58E-01	2.01E-02	4.01E-03	4.01E-10	2.01E-03	4.80E-05	3.53E-05	9.83E-05	3.24E-04	1.91E-03	3.06E-05	6.91E-04	3.51E-02	3.25E-03	4.18E-02
2608	NG_1304	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.157	1.84E-01	3.68E-01	Not Modelled	9.19E-02	1.70E-04	1.43E-01	1.84E-02	3.68E-03	3.68E-10	1.84E-03	4.40E-05	3.24E-05	9.01E-05	2.97E-04	1.75E-03	2.81E-05	6.34E-04	3.22E-02	2.98E-03	3.84E-02
2609	NG_1305	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.157	1.70E-01	3.40E-01	Not Modelled	8.48E-02	1.57E-04	1.30E-01	1.70E-02	3.39E-03	3.39E-10	1.70E-03	4.06E-05	2.99E-05	8.32E-05	2.74E-04	1.62E-03	2.59E-05	5.85E-04	2.97E-02	2.75E-03	3.54E-02
2610	NG_1306	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.157	1.59E-01	3.17E-01	Not Modelled	7.92E-02	1.47E-04	1.20E-01	1.59E-02	3.17E-03	3.17E-10	1.59E-03	3.79E-05	2.80E-05	7.78E-05	2.56E-04	1.51E-03	2.42E-05	5.47E-04	2.78E-02	2.57E-03	3.31E-02
2611	NG_1307	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.157	1.49E-01	2.97E-01	Not Modelled	7.38E-02	1.38E-04	1.11E-01	1.49E-02	2.97E-03	2.97E-10	1.49E-03	3.56E-05	2.62E-05	7.29E-05	2.40E-04	1.42E-03	2.27E-05	5.12E-04	2.60E-02	2.41E-03	3.10E-02
2612	NG_1308	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.157	1.40E-01	2.79E-01	Not Modelled	6.89E-02	1.29E-04	1.02E-01	1.40E-02	2.79E-03	2.79E-10	1.40E-03	3.34E-05	2.46E-05	6.85E-05	2.25E-04	1.33E-03	2.13E-05	4.81E-04	2.44E-02	2.26E-03	2.91E-02
2613	NG_1309	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.157	1.32E-01	2.65E-01	Not Modelled	6.52E-02	1.23E-04	9.59E-02	1.33E-02	2.65E-03	2.65E-10	1.33E-03	3.17E-05	2.34E-05	6.50E-05	2.14E-04	1.27E-03	2.02E-05	4.57E-04	2.32E-02	2.15E-03	2.77E-02
2614	NG_1310	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.157	1.28E-01	2.55E-01	Not Modelled	6.27E-02	1.18E-04	9.15E-02	1.28E-02	2.55E-03	2.55E-10	1.28E-03	3.05E-05	2.25E-05	6.26E-05	2.06E-04	1.22E-03	1.95E-05	4.40E-04	2.23E-02	2.07E-03	2.66E-02
2615	NG_1311	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.157	1.24E-01	2.48E-01	Not Modelled	6.10E-02	1.15E-04	8.83E-02	1.24E-02	2.48E-03	2.48E-10	1.24E-03	2.97E-05	2.19E-05	6.09E-05	2.00E-04	1.19E-03	1.90E-05	4.28E-04	2.17E-02	2.01E-03	2.59E-02
2616	NG_1312	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.157	1.21E-01	2.42E-01	Not Modelled	5.95E-02	1.12E-04	8.55E-02	1.21E-02	2.42E-03	2.42E-10	1.21E-03	2.90E-05	2.13E-05	5.94E-05	1.95E-04	1.16E-03	1.85E-05	4.17E-04	2.12E-02	1.96E-03	2.53E-02
2617	NG_1313	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.207	1.31E-01	2.63E-01	Not Modelled	7.79E-02	1.22E-04	1.14E-01	1.31E-02	2.63E-03	2.63E-10	1.31E-03	3.14E-05	2.32E-05	6.45E-05	2.12E-04	1.26E-03	2.01E-05	4.53E-04	2.30E-02	2.13E-03	2.74E-02
2618	NG_1314	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.207	1.37E-01	2.74E-01	Not Modelled	8.16E-02	1.27E-04	1.20E-01	1.37E-02	2.74E-03	2.74E-10	1.37E-03	3.28E-05	2.42E-05	6.72E-05	2.21E-04	1.31E-03	2.09E-05	4.72E-04	2.40E-02	2.22E-03	2.86E-02
2619	NG_1315	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.207	1.43E-01	2.86E-01	Not Modelled	8.52E-02	1.32E-04	1.26E-01	1.43E-02	2.86E-03	2.86E-10	1.43E-03	3.42E-05	2.52E-05	7.00E-05	2.31E-04	1.36E-03	2.18E-05	4.92E-04	2.50E-02	2.32E-03	2.98E-02
2620	NG_1316	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.207	1.50E-01	3.01E-01	Not Modelled	8.99E-02	1.39E-04	1.33E-01	1.50E-02	3.01E-03	3.01E-10	1.50E-03	3.60E-05	2.65E-05	7.37E-05	2.43E-04	1.44E-03	2.30E-05	5.18E-04	2.63E-02	2.44E-03	3.14E-02
2621	NG_1317	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.207	1.59E-01	3.18E-01	Not Modelled	9.47E-02	1.47E-04	1.40E-01	1.59E-02	3.17E-03	3.17E-10	1.59E-03	3.80E-05	2.80E-05	7.78E-05	2.56E-04	1.51E-03	2.42E-05	5.47E-04	2.78E-02	2.57E-03	3.31E-02
2622	NG_1318	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.207	1.70E-01	3.40E-01	Not Modelled	1.01E-01	1.57E-04	1.50E-01	1.70E-02	3.40E-03	3.40E-10	1.70E-03	4.07E-05	3.00E-05	8.34E-05	2.75E-04	1.62E-03	2.60E-05	5.86E-04	2.98E-02	2.76E-03	3.55E-02
2623	NG_1319	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.207	1.85E-01	3.69E-01	Not Modelled	1.10E-01	1.71E-04	1.64E-01	1.85E-02	3.69E-03	3.69E-10	1.85E-03	4.42E-05	3.25E-05	9.05E-05	2.98E-04	1.76E-03	2.82E-05	6.36E-04	3.23E-02	2.99E-03	3.85E-02
2624	NG_1320	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.207	2.06E-01	4.12E-01	Not Modelled	1.22E-01	1.91E-04	1.83E-01	2.06E-02	4.12E-03	4.12E-10	2.06E-03	4.93E-05	3.63E-05	1.01E-04	3.32E-04	1.97E-03	3.14E-05	7.10E-04	3.60E-02	3.34E-03	4.30E-02
2625	NG_1321	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.207	2.31E-01	4.62E-01	Not Modelled	1.36E-01	2.14E-04	2.05E-01	2.31E-02	4.62E-03	4.62E-10	2.31E-03	5.52E-05	4.07E-05	1.13E-04	3.73E-04	2.20E-03	3.53E-05	7.96E-04	4.04E-02	3.75E-03	4.82E-02
2626	NG_1322	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.207	2.62E-01	5.25E-01	Not Modelled	1.53E-01	2.43E-04	2.33E-01	2.62E-02	5.24E-03	5.24E-10	2.62E-03	6.27E-05	4.62E-05	1.29E-04	4.23E-04	2.50E-03	4.00E-05	9.04E-04	4.59E-02	4.25E-03	5.47E-02
2627	NG_1323	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.207	2.96E-01	5.93E-01	Not Modelled	1.71E-01	2.74E-04	2.62E-01	2.96E-02	5.92E-03	5.92E-10	2.96E-03	7.08E-05	5.22E-05	1.45E-04	4.78E-04	2.83E-03	4.52E-05	1.02E-03	5.18E-02	4.80E-03	6.18E-02
2628	NG_1324	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.207	3.38E-01	6.75E-01	Not Modelled	1.93E-01	3.12E-04	3.00E-01	3.38E-02	6.75E-03	6.75E-10	3.38E-03	8.08E-05	5.95E-05	1.66E-04	5.45E-04	3.22E-03	5.15E-05	1.16E-03	5.91E-02	5.48E-03	7.04E-02
2629	NG_1325	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.207	3.77E-01	7.55E-01	Not Modelled	2.15E-01	3.49E-04	3.36E-01	3.77E-02	7.55E-03	7.55E-10	3.77E-03	9.03E-05	6.65E-05	1.85E-04	6.09E-04	3.60E-03	5.76E-05	1.30E-03	6.61E-02	6.12E-03	7.87E-02
2630	NG_1326	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.207	4.13E-01	8.25E-01	Not Modelled	2.35E-01	3.82E-04	3.71E-01	4.13E-02	8.25E-03	8.25E-10	4.13E-03	9.87E-05	7.27E-05	2.02E-04	6.66E-04	3.94E-03	6.30E-05	1.42E-03	7.22E-02	6.69E-03	8.61E-02
2631	NG_1327	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.207	4.35E-01	8.70E-01	Not Modelled	2.48E-01	4.03E-04	3.95E-01	4.35E-02	8.70E-03	8.70E-10	4.35E-03	1.04E-04	7.67E-05	2.13E-04	7.03E-04	4.15E-03	6.64E-05	1.50E-03	7.62E-02	7.06E-03	9.08E-02
2632	NG_1328	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.207	4.42E-01	8.84E-01	Not Modelled	2.52E-01	4.09E-04	4.04E-01	4.42E-02	8.83E-03	8.83E-10	4.42E-03	1.06E-04	7.79E-05	2.17E-04	7.13E-04	4.22E-03	6.74E-05	1.52E-03	7.73E-02	7.17E-03	9.22E-02
2637	NG_1333	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.207	3.29E-01	6.58E-01	Not Modelled	1.64E-01	3.04E-04	2.70E-01	3.29E-02	6.58E-03	6.58E-10	3.29E-03	7.87E-05	5.80E-05	1.61E-04	5.31E-04	3.14E-03	5.03E-05	1.13E-03	5.76E-02	5.34E-03	6.87E-02
2638	NG_1334	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.207	2.99E-01	5.98E-01	Not Modelled	1.45E-01	2.77E-04	2.39E-01	2.99E-02	5.98E-03	5.98E-10	2.99E-03	7.16E-05	5.27E-05	1.47E-04	4.83E-04	2.86E-03	4.57E-05	1.03E-03	5.24E-02	4.85E-03	6.24E-02
2639	NG_1335	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.207	2.76E-01	5.52E-01	Not Modelled	1.32E-01	2.55E-04	2.19E-01	2.76E-02	5.52E-03	5.52E-10	2.76E-03	6.60E-05	4.87E-05	1.35E-04	4.46E-04	2.64E-03	4.22E-05	9.52E-04	4.83E-02	4.48E-03	5.76E-02
2640	NG_1336	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.207	2.59E-01	5.18E-01	Not Modelled	1.24E-01	2.39E-04	2.05E-01	2.59E-02	5.17E-03	5.17E-10	2.59E-03	6.19E-05	4.56E-05	1.27E-04	4.18E-04	2.47E-03	3.95E-05	8.92E-04	4.53E-02	4.20E-03	5.40E-02
2641	NG_1337	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.207	2.48E-01	4.96E-01	Not Modelled	1.20E-01	2.30E-04	1.97E-01	2.48E-02	4.96E-03	4.96E-10	2.48E-03	5.94E-05	4.37E-05	1.22E-04	4.01E-04	2.37E-03	3.79E-05	8.55E-04	4.34E-02	4.03E-03	5.18E-02
2642	NG_1338	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.207	2.43E-01	4.87E-01	Not Modelled	1.18E-01	2.25E-04	1.95E-01	2.43E-02	4.87E-03	4.87E-10	2.43E-03	5.82E-05	4.29E-05	1.19E-04	3.93E-04	2.32E-03	3.71E-05	8.39E-04	4.26E-02	3.95E-03	5.08E-02
2643	NG_1339	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.207	2.41E-01	4.81E-01	Not Modelled	1.18E-01	2.23E-04	1.93E-01	2.41E-02	4.81E-03	4.81E-10	2.41E-03	5.75E-05	4.24E-05	1.18E-04	3.88E-04	2.30E-03	3.67E-05	8.29E-04	4.21E-02	3.90E-03	5.02E-02
2644	NG_1340	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.207	2.39E-01	4.77E-01	Not Modelled	1.18E-01	2.21E-04	1.92E-01	2.39E-02	4.77E-03	4.77E-10	2.39E-03	5.71E-05	4.21E-05	1.17E-04	3.85E-04	2.28E-03	3.64E-05	8.23E-04	4.18E-02	3.87E-03	4.98E-02
2645	NG_1341	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.207	2.33E-01	4.67E-01	Not Modelled	1.16E-01	2.16E-04	1.88E-01	2.33E-02	4.66E-03	4.66E-10	2.33E-03	5.58E-05	4.11E-05	1.14E-04	3.77E-04	2.23E-03	3.56E-05	8.04E-04	4.08E-02	3.78E-03	4.87E-02
2646	NG_1342	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.207	2.24E-01	4.47E-01	Not Modelled	1.12E-01	2.07E-04	1.79E-01	2.24E-02	4.47E-03	4.47E-10	2.24E-03	5.35E-05	3.94E-05	1.10E-04	3.61E-04	2.14E-03	3.41E-05	7.71E-04	3.92E-02	3.63E-03	4.67E-02
2647	NG_1343	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.207	2.09E-01	4.19E-01	Not Modelled	1.05E-01	1.94E-04	1.66E-01	2.09E-02	4.19E-03	4.19E-10	2.09E-03	5.01E-05	3.69E-05	1.03E-04	3.38E-04	2.00E-03	3.20E-05	7.22E-04	3.67E-02	3.40E-03	4.37E-02
2648	NG_1344	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.207	1.94E-01	3.87E-01	Not Modelled	9.71E-02	1.79E-04	1.52E-01	1.94E-02	3.87E-03	3.87E-10	1.94E-03	4.63E-05	3.41E-05	9.49E-05	3.13E-04	1.85E-03	2.96E-05	6.67E-04	3.39E-02	3.14E-03	4.04E-02
2649	NG_1345	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.207	1.80E-01	3.59E-01	Not Modelled	9.03E-02	1.66E-04	1.40E-01	1.80E-02	3.59E-03	3.59E-10	1.80E-03	4.30E-05	3.16E-05	8.81E-05	2.90E-04	1.71E-03	2.74E-05	6.19E-04	3.14E-02	2.91E-03	3.75E-02
2650	NG_1346	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.207	1.67E-01	3.33E-01	Not Modelled	8.40E-02	1.54E-04	1.29E-01	1.67E-02	3.33E-03	3.33E-10	1.67E-03	3.99E-05	2.94E-05	8.17E-05	2.69E-04	1.59E-03	2.54E-05	5.74E-04	2.92E-02	2.70E-03	3.48E-02
2651	NG_1347	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.207	1.56E-01	3.12E-01	Not Modelled	7.86E-02	1.44E-04	1.19E-01	1.56E-02	3.12E-03	3.12E-10	1.56E-03	3.73E-05	2.75E-05	7.64E-05	2.52E-04	1.49E-03	2.38E-05	5.37E-04	2.73E-02	2.53E-03	3.25E-02
2652	NG_1348	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.207	1.44E-01	2.89E-01	Not Modelled	7.25E-02	1.34E-04	1.08E-01	1.44E-02	2.89E-03	2.89E-10	1.44E-03	3.45E-05	2.54E-05	7.08E-05	2.33E-04	1.38E-03	2.20E-05	4.98E-04	2.53E-02	2.34E-03	3.01E-02
2653	NG_1349	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.207	1.35E-01	2.71E-01	Not Modelled	6.77E-02	1.25E-04	1.00E-01	1.35E-02	2.71E-03	2.71E-10	1.35E-03	3.24E-05	2.39E-05	6.64E-05	2.19E-04	1.29E-03	2.07E-05	4.67E-04	2.37E-02	2.20E-03	2.83E-02
2654	NG_1350	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.207	1.28E-01	2.56E-01	Not Modelled	6.38E-02	1.19E-04	9.34E-02	1.28E-02	2.56E-03	2.56E-10	1.28E-03	3.06E-05	2.26E-05	6.28E-05	2.07E-04	1.22E-03	1.96E-05	4.42E-04	2.24E-02	2.08E-03	2.67E-02
2655	NG_1351	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.207	1.23E-01	2.46E-01	Not Modelled	6.09E-02	1.14E-04	8.84E-02	1.23E-02	2.45E-03	2.45E-10	1.23E-03	2.94E-05	2.16E-05	6.02E-05	1.98E-04	1.17E-03	1.87E-05	4.23E-04	2.15E-02	1.99E-03	2.56E-02
2656	NG_1352	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.207	1.18E-01	2.37E-01	Not Modelled	5.86E-02	1.10E-04	8.43E-02	1.18E-02	2.37E-03	2.37E-10	1.18E-03	2.83E-05	2.09E-05	5.81E-05	1.91E-04	1.13E-03	1.81E-05	4.08E-04	2.07E-02	1.92E-03	2.47E-02
2657	NG_1353	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.207	1.15E-01	2.30E-01	Not Modelled	5.68E-02	1.06E-04	8.11E-02	1.15E-02	2.30E-03	2.30E-10	1.15E-03	2.75E-05	2.02E-05	5.63E-05	1.85E-04	1.10E-03	1.75E-05	3.96E-04	2.01E-02	1.86E-03	2.40E-02
2658	NG_1354	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.257	1.25E-01	2.50E-01	Not Modelled	7.53E-02	1.16E-04	1.09E-01	1.25E-02	2.50E-03	2.50E-10	1.25E-03	2.99E-05	2.21E-05	6.14E-05	2.02E-04	1.20E-03	1.91E-05	4.31E-04	2.19E-02	2.03E-03	2.61E-02
2659	NG_1355	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.257	1.30E-01	2.61E-01	Not Modelled	7.85E-02	1.21E-04	1.13E-01	1.30E-02	2.60E-03	2.60E-10	1.30E-03	3.12E-05	2.30E-05	6.39E-05	2.10E-04	1.24E-03	1.99E-05	4.49E-04	2.28E-02	2.11E-03	2.72E-02
2660	NG_1356	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.257	1.36E-01	2.72E-01	Not Modelled	8.20E-02	1.26E-04	1.19E-01	1.36E-02	2.72E-03	2.72E-10	1.36E-03	3.25E-05	2.40E-05	6.67E-05	2.20E-04	1.30E-03	2.08E-05	4.69E-04	2.38E-02	2.21E-03	2.84E-02
2661	NG_1357	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.257	1.43E-01	2.87E-01	Not Modelled	8.63E-02	1.33E-04	1.25E-01	1.43E-02	2.86E-03	2.86E-10	1.43E-03	3.43E-05	2.52E-05	7.02E-05	2.31E-04	1.37E-03	2.19E-05	4.94E-04	2.51E-02	2.32E-03	2.99E-02
2662	NG_1358	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.257	1.52E-01	3.04E-01	Not Modelled	9.11E-02	1.41E-04	1.33E-01	1.52E-02	3.04E-03	3.04E-10	1.52E-03	3.64E-05	2.68E-05	7.45E-05	2.45E-04	1.45E-03	2.32E-05	5.24E-04	2.66E-02	2.47E-03	3.17E-02
2663	NG_1359	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.257	1.63E-01	3.26E-01	Not Modelled	9.73E-02	1.51E-04	1.42E-01	1.63E-02	3.26E-03	3.26E-10	1.63E-03	3.90E-05	2.88E-05	8.00E-05	2.63E-04	1.56E-03	2.49E-05	5.62E-04	2.86E-02	2.65E-03	3.41E-02
2664	NG_1360	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.257	1.79E-01	3.58E-01	Not Modelled	1.06E-01	1.66E-04	1.56E-01	1.79E-02	3.58E-03	3.58E-10	1.79E-03	4.28E-05	3.16E-05	8.78E-05	2.89E-04	1.71E-03	2.73E-05	6.17E-04	3.14E-02	2.91E-03	3.74E-02
2665	NG_1361	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.257	2.01E-01	4.01E-01	Not Modelled	1.18E-01	1.86E-04	1.75E-01	2.01E-02	4.01E-03	4.01E-10	2.01E-03	4.80E-05	3.54E-05	9.84E-05	3.24E-04	1.92E-03	3.06E-05	6.92E-04	3.51E-02	3.25E-03	4.19E-02
2666	NG_1362	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.257	2.26E-01	4.51E-01	Not Modelled	1.32E-01	2.09E-04	1.97E-01	2.26E-02	4.51E-03	4.51E-10	2.26E-03	5.40E-05	3.98E-05	1.11E-04	3.64E-04	2.15E-03	3.44E-05	7.78E-04	3.95E-02	3.66E-03	4.71E-02

AQIA DATA - SCENARIO 2 COMMERCIAL

Annual Average Pollutant Concentration (µg/m3) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2 (0)	NO2 (1)	CO (2)	PM10 (3)	Lead (4)	TSP (5)	HF (6)	Cyanide (7)	Dioxins & Furans (8)	PAH (9)	Antimony (10)	Arsenic (11)	Cadmium (12)	Chromium (13)	Manganese (14)	Mercury (15)	Nickel (16)	Acetone (17)	Benzene (18)	Toluene (19)
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**0.000**	**0.024**	**0.001**	**0.000**	**0.001**	**0.004**	**0.023**	**0.000**	**0.008**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2667	NG_1363	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.257	2.53E-01	5.06E-01	Not Modelled	1.47E-01	2.34E-04	2.21E-01	2.53E-02	5.06E-03	5.06E-10	2.53E-03	6.05E-05	4.46E-05	1.24E-04	4.08E-04	2.42E-03	3.86E-05	8.72E-04	4.43E-02	4.10E-03	5.28E-02
2668	NG_1364	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.257	2.86E-01	5.72E-01	Not Modelled	1.65E-01	2.65E-04	2.50E-01	2.86E-02	5.72E-03	5.72E-10	2.86E-03	6.84E-05	5.04E-05	1.40E-04	4.62E-04	2.73E-03	4.37E-05	9.86E-04	5.01E-02	4.64E-03	5.97E-02
2669	NG_1365	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.257	3.24E-01	6.47E-01	Not Modelled	1.85E-01	2.99E-04	2.84E-01	3.24E-02	6.47E-03	6.47E-10	3.24E-03	7.74E-05	5.70E-05	1.59E-04	5.23E-04	3.09E-03	4.94E-05	1.12E-03	5.67E-02	5.25E-03	6.75E-02
2670	NG_1366	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.257	3.61E-01	7.22E-01	Not Modelled	2.06E-01	3.34E-04	3.19E-01	3.61E-02	7.21E-03	7.21E-10	3.61E-03	8.63E-05	6.36E-05	1.77E-04	5.82E-04	3.44E-03	5.51E-05	1.24E-03	6.31E-02	5.85E-03	7.53E-02
2671	NG_1367	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.257	3.87E-01	7.74E-01	Not Modelled	2.21E-01	3.58E-04	3.45E-01	3.87E-02	7.74E-03	7.74E-10	3.87E-03	9.26E-05	6.82E-05	1.90E-04	6.25E-04	3.70E-03	5.91E-05	1.33E-03	6.78E-02	6.28E-03	8.08E-02
2672	NG_1368	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.257	3.99E-01	7.98E-01	Not Modelled	2.28E-01	3.69E-04	3.59E-01	3.99E-02	7.98E-03	7.98E-10	3.99E-03	9.54E-05	7.03E-05	1.96E-04	6.44E-04	3.81E-03	6.09E-05	1.38E-03	6.98E-02	6.47E-03	8.33E-02
2673	NG_1369	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.257	3.99E-01	7.97E-01	Not Modelled	2.28E-01	3.69E-04	3.61E-01	3.99E-02	7.97E-03	7.97E-10	3.99E-03	9.54E-05	7.02E-05	1.95E-04	6.44E-04	3.81E-03	6.09E-05	1.37E-03	6.98E-02	6.47E-03	8.32E-02
2678	NG_1374	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.257	2.92E-01	5.84E-01	Not Modelled	1.46E-01	2.70E-04	2.37E-01	2.92E-02	5.84E-03	5.84E-10	2.92E-03	6.99E-05	5.15E-05	1.43E-04	4.72E-04	2.79E-03	4.46E-05	1.01E-03	5.11E-02	4.74E-03	6.10E-02
2679	NG_1375	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.257	2.68E-01	5.36E-01	Not Modelled	1.30E-01	2.48E-04	2.13E-01	2.68E-02	5.36E-03	5.36E-10	2.68E-03	6.41E-05	4.73E-05	1.31E-04	4.33E-04	2.56E-03	4.09E-05	9.24E-04	4.69E-02	4.35E-03	5.60E-02
2680	NG_1376	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.257	2.49E-01	4.98E-01	Not Modelled	1.20E-01	2.30E-04	1.96E-01	2.49E-02	4.98E-03	4.98E-10	2.49E-03	5.96E-05	4.39E-05	1.22E-04	4.02E-04	2.38E-03	3.80E-05	8.58E-04	4.36E-02	4.04E-03	5.20E-02
2681	NG_1377	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.257	2.35E-01	4.71E-01	Not Modelled	1.13E-01	2.18E-04	1.85E-01	2.36E-02	4.71E-03	4.71E-10	2.36E-03	5.63E-05	4.15E-05	1.16E-04	3.80E-04	2.25E-03	3.60E-05	8.12E-04	4.12E-02	3.82E-03	4.92E-02
2682	NG_1378	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.257	2.28E-01	4.57E-01	Not Modelled	1.11E-01	2.11E-04	1.81E-01	2.28E-02	4.56E-03	4.56E-10	2.28E-03	5.46E-05	4.02E-05	1.12E-04	3.69E-04	2.18E-03	3.48E-05	7.87E-04	4.00E-02	3.70E-03	4.76E-02
2683	NG_1379	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.257	2.24E-01	4.49E-01	Not Modelled	1.10E-01	2.08E-04	1.79E-01	2.24E-02	4.48E-03	4.48E-10	2.24E-03	5.37E-05	3.95E-05	1.10E-04	3.62E-04	2.14E-03	3.42E-05	7.73E-04	3.93E-02	3.64E-03	4.68E-02
2684	NG_1380	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.257	2.23E-01	4.46E-01	Not Modelled	1.10E-01	2.06E-04	1.78E-01	2.23E-02	4.45E-03	4.45E-10	2.23E-03	5.33E-05	3.92E-05	1.09E-04	3.60E-04	2.13E-03	3.40E-05	7.68E-04	3.90E-02	3.61E-03	4.65E-02
2685	NG_1381	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.257	2.22E-01	4.45E-01	Not Modelled	1.10E-01	2.06E-04	1.78E-01	2.22E-02	4.45E-03	4.45E-10	2.22E-03	5.32E-05	3.92E-05	1.09E-04	3.59E-04	2.12E-03	3.39E-05	7.66E-04	3.89E-02	3.61E-03	4.64E-02
2686	NG_1382	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.257	2.21E-01	4.43E-01	Not Modelled	1.11E-01	2.05E-04	1.78E-01	2.21E-02	4.42E-03	4.42E-10	2.21E-03	5.29E-05	3.90E-05	1.08E-04	3.57E-04	2.11E-03	3.38E-05	7.63E-04	3.87E-02	3.59E-03	4.62E-02
2687	NG_1383	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.257	2.14E-01	4.28E-01	Not Modelled	1.07E-01	1.98E-04	1.71E-01	2.14E-02	4.28E-03	4.28E-10	2.14E-03	5.12E-05	3.77E-05	1.05E-04	3.46E-04	2.04E-03	3.27E-05	7.38E-04	3.75E-02	3.47E-03	4.47E-02
2688	NG_1384	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.257	2.01E-01	4.01E-01	Not Modelled	1.01E-01	1.86E-04	1.58E-01	2.01E-02	4.01E-03	4.01E-10	2.01E-03	4.80E-05	3.54E-05	9.84E-05	3.24E-04	1.92E-03	3.06E-05	6.92E-04	3.51E-02	3.26E-03	4.19E-02
2689	NG_1385	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.257	1.87E-01	3.74E-01	Not Modelled	9.41E-02	1.73E-04	1.46E-01	1.87E-02	3.74E-03	3.74E-10	1.87E-03	4.48E-05	3.30E-05	9.18E-05	3.02E-04	1.79E-03	2.86E-05	6.45E-04	3.28E-02	3.04E-03	3.90E-02
2690	NG_1386	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.257	1.74E-01	3.49E-01	Not Modelled	8.79E-02	1.61E-04	1.35E-01	1.74E-02	3.48E-03	3.48E-10	1.74E-03	4.17E-05	3.07E-05	8.54E-05	2.81E-04	1.66E-03	2.66E-05	6.01E-04	3.05E-02	2.83E-03	3.64E-02
2691	NG_1387	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.257	1.64E-01	3.28E-01	Not Modelled	8.30E-02	1.51E-04	1.26E-01	1.64E-02	3.27E-03	3.27E-10	1.64E-03	3.92E-05	2.89E-05	8.03E-05	2.64E-04	1.56E-03	2.50E-05	5.64E-04	2.87E-02	2.66E-03	3.42E-02
2692	NG_1388	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.257	1.53E-01	3.05E-01	Not Modelled	7.74E-02	1.41E-04	1.17E-01	1.53E-02	3.05E-03	3.05E-10	1.53E-03	3.65E-05	2.69E-05	7.48E-05	2.46E-04	1.46E-03	2.33E-05	5.26E-04	2.67E-02	2.47E-03	3.18E-02
2693	NG_1389	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.257	1.41E-01	2.83E-01	Not Modelled	7.16E-02	1.31E-04	1.07E-01	1.41E-02	2.83E-03	2.83E-10	1.41E-03	3.38E-05	2.49E-05	6.94E-05	2.28E-04	1.35E-03	2.16E-05	4.88E-04	2.48E-02	2.29E-03	2.95E-02
2694	NG_1390	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.257	1.31E-01	2.62E-01	Not Modelled	6.61E-02	1.21E-04	9.72E-02	1.31E-02	2.62E-03	2.62E-10	1.31E-03	3.13E-05	2.31E-05	6.43E-05	2.12E-04	1.25E-03	2.00E-05	4.52E-04	2.29E-02	2.13E-03	2.73E-02
2695	NG_1391	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.257	1.24E-01	2.48E-01	Not Modelled	6.24E-02	1.15E-04	9.09E-02	1.24E-02	2.48E-03	2.48E-10	1.24E-03	2.97E-05	2.19E-05	6.08E-05	2.00E-04	1.18E-03	1.89E-05	4.27E-04	2.17E-02	2.01E-03	2.59E-02
2696	NG_1392	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.257	1.19E-01	2.38E-01	Not Modelled	5.98E-02	1.10E-04	8.64E-02	1.19E-02	2.38E-03	2.38E-10	1.19E-03	2.85E-05	2.10E-05	5.84E-05	1.92E-04	1.14E-03	1.82E-05	4.11E-04	2.09E-02	1.93E-03	2.49E-02
2697	NG_1393	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.257	1.14E-01	2.29E-01	Not Modelled	5.71E-02	1.06E-04	8.18E-02	1.14E-02	2.28E-03	2.28E-10	1.14E-03	2.73E-05	2.01E-05	5.60E-05	1.84E-04	1.09E-03	1.74E-05	3.94E-04	2.00E-02	1.85E-03	2.38E-02
2698	NG_1394	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.257	1.10E-01	2.20E-01	Not Modelled	5.46E-02	1.01E-04	7.75E-02	1.10E-02	2.19E-03	2.19E-10	1.10E-03	2.62E-05	1.93E-05	5.38E-05	1.77E-04	1.05E-03	1.67E-05	3.78E-04	1.92E-02	1.78E-03	2.29E-02
2699	NG_1395	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.307	1.19E-01	2.39E-01	Not Modelled	7.27E-02	1.10E-04	1.03E-01	1.19E-02	2.39E-03	2.39E-10	1.19E-03	2.86E-05	2.10E-05	5.86E-05	1.93E-04	1.14E-03	1.82E-05	4.12E-04	2.09E-02	1.94E-03	2.49E-02
2700	NG_1396	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.307	1.24E-01	2.49E-01	Not Modelled	7.56E-02	1.15E-04	1.07E-01	1.24E-02	2.49E-03	2.49E-10	1.24E-03	2.97E-05	2.19E-05	6.10E-05	2.01E-04	1.19E-03	1.90E-05	4.28E-04	2.18E-02	2.02E-03	2.59E-02
2701	NG_1397	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.307	1.31E-01	2.61E-01	Not Modelled	7.93E-02	1.21E-04	1.13E-01	1.31E-02	2.61E-03	2.61E-10	1.31E-03	3.12E-05	2.30E-05	6.40E-05	2.11E-04	1.25E-03	1.99E-05	4.50E-04	2.29E-02	2.12E-03	2.73E-02
2702	NG_1398	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.307	1.38E-01	2.76E-01	Not Modelled	8.34E-02	1.28E-04	1.19E-01	1.38E-02	2.76E-03	2.76E-10	1.38E-03	3.30E-05	2.43E-05	6.76E-05	2.23E-04	1.32E-03	2.11E-05	4.75E-04	2.41E-02	2.24E-03	2.88E-02
2703	NG_1399	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.307	1.47E-01	2.94E-01	Not Modelled	8.82E-02	1.36E-04	1.27E-01	1.47E-02	2.94E-03	2.94E-10	1.47E-03	3.52E-05	2.59E-05	7.21E-05	2.37E-04	1.40E-03	2.24E-05	5.07E-04	2.57E-02	2.38E-03	3.07E-02
2704	NG_1400	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.307	1.58E-01	3.17E-01	Not Modelled	9.42E-02	1.46E-04	1.36E-01	1.58E-02	3.16E-03	3.16E-10	1.58E-03	3.79E-05	2.79E-05	7.76E-05	2.56E-04	1.51E-03	2.42E-05	5.45E-04	2.77E-02	2.57E-03	3.30E-02
2705	NG_1401	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.307	1.75E-01	3.50E-01	Not Modelled	1.04E-01	1.62E-04	1.50E-01	1.75E-02	3.50E-03	3.50E-10	1.75E-03	4.19E-05	3.08E-05	8.58E-05	2.83E-04	1.67E-03	2.67E-05	6.03E-04	3.06E-02	2.84E-03	3.65E-02
2706	NG_1402	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.307	1.98E-01	3.96E-01	Not Modelled	1.16E-01	1.83E-04	1.70E-01	1.98E-02	3.95E-03	3.95E-10	1.98E-03	4.73E-05	3.49E-05	9.70E-05	3.19E-04	1.89E-03	3.02E-05	6.82E-04	3.46E-02	3.21E-03	4.13E-02
2707	NG_1403	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.307	2.21E-01	4.43E-01	Not Modelled	1.29E-01	2.05E-04	1.90E-01	2.21E-02	4.43E-03	4.43E-10	2.22E-03	5.30E-05	3.90E-05	1.09E-04	3.58E-04	2.11E-03	3.38E-05	7.63E-04	3.88E-02	3.59E-03	4.62E-02
2708	NG_1404	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.307	2.44E-01	4.89E-01	Not Modelled	1.41E-01	2.26E-04	2.10E-01	2.44E-02	4.89E-03	4.89E-10	2.44E-03	5.85E-05	4.31E-05	1.20E-04	3.95E-04	2.33E-03	3.73E-05	8.42E-04	4.28E-02	3.96E-03	5.10E-02
2709	NG_1405	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.307	2.73E-01	5.46E-01	Not Modelled	1.57E-01	2.53E-04	2.35E-01	2.73E-02	5.46E-03	5.46E-10	2.73E-03	6.53E-05	4.81E-05	1.34E-04	4.41E-04	2.61E-03	4.17E-05	9.41E-04	4.78E-02	4.43E-03	5.70E-02
2710	NG_1406	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.307	3.08E-01	6.17E-01	Not Modelled	1.76E-01	2.85E-04	2.68E-01	3.08E-02	6.17E-03	6.17E-10	3.08E-03	7.38E-05	5.44E-05	1.51E-04	4.98E-04	2.94E-03	4.71E-05	1.06E-03	5.40E-02	5.00E-03	6.44E-02
2711	NG_1407	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.307	3.40E-01	6.81E-01	Not Modelled	1.95E-01	3.15E-04	2.99E-01	3.40E-02	6.81E-03	6.81E-10	3.41E-03	8.15E-05	6.00E-05	1.67E-04	5.50E-04	3.25E-03	5.20E-05	1.17E-03	5.96E-02	5.52E-03	7.11E-02
2712	NG_1408	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.307	3.60E-01	7.21E-01	Not Modelled	2.07E-01	3.33E-04	3.20E-01	3.60E-02	7.20E-03	7.20E-10	3.60E-03	8.62E-05	6.35E-05	1.77E-04	5.82E-04	3.44E-03	5.50E-05	1.24E-03	6.31E-02	5.84E-03	7.52E-02
2713	NG_1409	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.307	3.65E-01	7.30E-01	Not Modelled	2.10E-01	3.38E-04	3.27E-01	3.65E-02	7.30E-03	7.30E-10	3.65E-03	8.73E-05	6.43E-05	1.79E-04	5.89E-04	3.48E-03	5.57E-05	1.26E-03	6.39E-02	5.92E-03	7.62E-02
2714	NG_1410	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.307	3.60E-01	7.20E-01	Not Modelled	2.07E-01	3.33E-04	3.24E-01	3.60E-02	7.20E-03	7.20E-10	3.60E-03	8.61E-05	6.35E-05	1.77E-04	5.81E-04	3.44E-03	5.50E-05	1.24E-03	6.30E-02	5.84E-03	7.51E-02
2715	NG_1411	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.307	3.52E-01	7.04E-01	Not Modelled	2.00E-01	3.26E-04	3.16E-01	3.52E-02	7.04E-03	7.04E-10	3.52E-03	8.42E-05	6.21E-05	1.73E-04	5.68E-04	3.36E-03	5.38E-05	1.21E-03	6.16E-02	5.71E-03	7.35E-02
2716	NG_1412	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.307	3.41E-01	6.82E-01	Not Modelled	1.90E-01	3.15E-04	3.03E-01	3.41E-02	6.82E-03	6.82E-10	3.41E-03	8.16E-05	6.01E-05	1.67E-04	5.50E-04	3.26E-03	5.21E-05	1.18E-03	5.97E-02	5.53E-03	7.12E-02
2717	NG_1413	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.307	3.18E-01	6.37E-01	Not Modelled	1.72E-01	2.94E-04	2.75E-01	3.18E-02	6.36E-03	6.36E-10	3.18E-03	7.61E-05	5.61E-05	1.56E-04	5.14E-04	3.04E-03	4.86E-05	1.10E-03	5.57E-02	5.16E-03	6.64E-02
2718	NG_1414	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.307	2.88E-01	5.76E-01	Not Modelled	1.49E-01	2.66E-04	2.39E-01	2.88E-02	5.76E-03	5.76E-10	2.88E-03	6.89E-05	5.07E-05	1.41E-04	4.65E-04	2.75E-03	4.40E-05	9.92E-04	5.04E-02	4.67E-03	6.01E-02
2719	NG_1415	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.307	2.62E-01	5.25E-01	Not Modelled	1.31E-01	2.43E-04	2.11E-01	2.62E-02	5.24E-03	5.24E-10	2.62E-03	6.27E-05	4.62E-05	1.29E-04	4.23E-04	2.50E-03	4.00E-05	9.04E-04	4.59E-02	4.25E-03	5.47E-02
2720	NG_1416	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.307	2.43E-01	4.86E-01	Not Modelled	1.19E-01	2.25E-04	1.91E-01	2.43E-02	4.86E-03	4.86E-10	2.43E-03	5.81E-05	4.28E-05	1.19E-04	3.92E-04	2.32E-03	3.71E-05	8.37E-04	4.25E-02	3.94E-03	5.07E-02
2721	NG_1417	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.307	2.27E-01	4.55E-01	Not Modelled	1.10E-01	2.10E-04	1.78E-01	2.27E-02	4.55E-03	4.55E-10	2.28E-03	5.44E-05	4.01E-05	1.12E-04	3.67E-04	2.17E-03	3.47E-05	7.84E-04	3.98E-02	3.69E-03	4.75E-02
2722	NG_1418	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.307	2.16E-01	4.32E-01	Not Modelled	1.05E-01	2.00E-04	1.69E-01	2.16E-02	4.32E-03	4.32E-10	2.16E-03	5.17E-05	3.81E-05	1.06E-04	3.49E-04	2.06E-03	3.30E-05	7.45E-04	3.78E-02	3.51E-03	4.51E-02
2723	NG_1419	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.307	2.09E-01	4.19E-01	Not Modelled	1.02E-01	1.94E-04	1.65E-01	2.09E-02	4.19E-03	4.19E-10	2.09E-03	5.01E-05	3.69E-05	1.03E-04	3.38E-04	2.00E-03	3.20E-05	7.22E-04	3.67E-02	3.40E-03	4.37E-02
2724	NG_1420	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.307	2.05E-01	4.11E-01	Not Modelled	1.01E-01	1.90E-04	1.62E-01	2.05E-02	4.10E-03	4.10E-10	2.05E-03	4.91E-05	3.62E-05	1.01E-04	3.31E-04	1.96E-03	3.13E-05	7.07E-04	3.59E-02	3.33E-03	4.28E-02
2725	NG_1421	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.307	2.03E-01	4.06E-01	Not Modelled	1.00E-01	1.88E-04	1.61E-01	2.03E-02	4.06E-03	4.06E-10	2.03E-03	4.86E-05	3.58E-05	9.96E-05	3.28E-04	1.94E-03	3.10E-05	7.00E-04	3.56E-02	3.30E-03	4.24E-02
2726	NG_1422	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.307	2.05E-01	4.11E-01	Not Modelled	1.02E-01	1.90E-04	1.64E-01	2.05E-02	4.11E-03	4.11E-10	2.05E-03	4.91E-05	3.62E-05	1.01E-04	3.32E-04	1.96E-03	3.14E-05	7.08E-04	3.59E-02	3.33E-03	4.29E-02
2727	NG_1423	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.307	2.07E-01	4.13E-01	Not Modelled	1.04E-01	1.91E-04	1.65E-01	2.07E-02	4.13E-03	4.13E-10	2.07E-03	4.94E-05	3.64E-05	1.01E-04	3.34E-04	1.97E-03	3.15E-05	7.12E-04	3.62E-02	3.35E-03	4.31E-02
2728	NG_1424	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.307	2.02E-01	4.04E-01	Not Modelled	1.02E-01	1.87E-04	1.61E-01	2.02E-02	4.04E-03	4.04E-10	2.02E-03	4.83E-05	3.56E-05	9.91E-05	3.26E-04	1.93E-03	3.08E-05	6.97E-04	3.54E-02	3.28E-03	4.22E-02
2729	NG_1425	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.307	1.91E-01	3.83E-01	Not Modelled	9.63E-02	1.77E-04	1.51E-01	1.91E-02	3.83E-03	3.83E-10	1.91E-03	4.58E-05	3.37E-05	9.39E-05	3.09E-04	1.83E-03	2.92E-05	6.60E-04	3.35E-02	3.10E-03	3.99E-02
2730	NG_1426	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.307	1.79E-01	3.58E-01	Not Modelled	9.00E-02	1.65E-04	1.39E-01	1.79E-02	3.57E-03	3.57E-10	1.79E-03	4.27E-05	3.15E-05	8.76E-05	2.89E-04	1.71E-03	2.73E-05	6.16E-04	3.13E-02	2.90E-03	3.73E-02
2731	NG_1427	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.307	1.68E-01	3.37E-01	Not Modelled	8.51E-02	1.56E-04	1.30E-01	1.68E-02	3.37E-03	3.37E-10	1.68E-03	4.03E-05	2.97E-05	8.26E-05	2.72E-04	1.61E-03	2.57E-05	5.81E-04	2.95E-02	2.73E-03	3.52E-02
2732	NG_1428	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.307	1.59E-01	3.19E-01	Not Modelled	8.08E-02	1.47E-04	1.22E-01	1.59E-02	3.19E-03	3.19E-10	1.59E-03	3.81E-05	2.81E-05	7.81E-05	2.57E-04	1.52E-03	2.43E-05	5.49E-04	2.79E-02	2.58E-03	3.32E-02
2733	NG_1429	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.307	1.50E-01	2.99E-01	Not Modelled	7.60E-02	1.38E-04	1.14E-01	1.50E-02	2.99E-03	2.99E-10	1.50E-03	3.58E-05	2.64E-05	7.33E-05	2.41E-04	1.43E-03	2.28E-05	5.16E-04	2.62E-02	2.43E-03	3.12E-02
2734	NG_1430	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.307	1.38E-01	2.77E-01	Not Modelled	7.04E-02	1.28E-04	1.04E-01	1.38E-02	2.77E-03	2.77E-10	1.39E-03	3.31E-05	2.44E-05	6.79E-05	2.24E-04	1.32E-03	2.11E-05	4.77E-04	2.42E-02	2.25E-03	2.89E-02
2735	NG_1431	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.307	1.28E-01	2.56E-01	Not Modelled	6.49E-02	1.18E-04	9.50E-02	1.28E-02	2.56E-03	2.56E-10	1.28E-03	3.06E-05	2.25E-05	6.27E-05	2.06E-04	1.22E-03	1.95E-05	4.41E-04	2.24E-02	2.07E-03	2.67E-02
2736	NG_1432	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.307	1.21E-01	2.42E-01	Not Modelled	6.15E-02	1.12E-04	8.91E-02	1.21E-02	2.42E-03	2.42E-10	1.21E-03	2.90E-05	2.13E-05	5.94E-05	1.96E-04	1.16E-03	1.85E-05	4.18E-04	2.12E-02	1.96E-03	2.53E-02
2737	NG_1433	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.307	1.17E-01	2.33E-01	Not Modelled	5.92E-02	1.08E-04	8.51E-02	1.17E-02	2.33E-03	2.33E-10	1.17E-03	2.79E-05	2.06E-05	5.72E-05	1.88E-04	1.11E-03	1.78E-05	4.02E-04	2.04E-02	1.89E-03	2.43E-02
2738	NG_1434	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.307	1.12E-01	2.24E-01	Not Modelled	5.66E-02	1.03E-04	8.07E-02	1.12E-02	2.24E-03	2.24E-10	1.12E-03	2.68E-05	1.97E-05	5.48E-05	1.81E-04	1.07E-03	1.71E-05	3.86E-04	1.96E-02	1.81E-03	2.33E-02
2739	NG_1435	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.307	1.06E-01	2.12E-01	Not Modelled	5.32E-02	9.79E-05	7.51E-02	1.06E-02	2.12E-03	2.12E-10	1.06E-03	2.53E-05	1.86E-05	5.19E-05	1.71E-04	1.01E-03	1.62E-05	3.65E-04	1.85E-02	1.72E-03	2.21E-02
2740	NG_1436	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.357	1.14E-01	2.29E-01	Not Modelled	7.02E-02	1.06E-04	9.79E-02	1.14E-02	2.29E-03	2.29E-10	1.14E-03	2.73E-05	2.01E-05	5.60E-05	1.85E-04	1.09E-03	1.74E-05	3.94E-04	2.00E-02	1.85E-03	2.39E-02
2741	NG_1437	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.357	1.20E-01	2.40E-01	Not Modelled	7.34E-02	1.11E-04	1.03E-01	1.20E-02	2.40E-03	2.40E-10	1.20E-03	2.87E-05	2.11E-05	5.88E-05	1.94E-04	1.14E-03	1.83E-05	4.13E-04	2.10E-02	1.94E-03	2.50E-02
2742	NG_1438	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.357	1.27E-01	2.53E-01	Not Modelled	7.71E-02	1.17E-04	1.08E-01	1.27E-02	2.53E-03	2.53E-10	1.27E-03	3.03E-05	2.23E-05	6.21E-05	2.04E-04	1.21E-03	1.93E-05	4.36E-04	2.22E-02	2.05E-03	2.64E-02
2743	NG_1439	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.357	1.34E-01	2.69E-01	Not Modelled	8.14E-02	1.24E-04	1.15E-01	1.35E-02	2.69E-03	2.69E-10	1.35E-03	3.22E-05	2.37E-05	6.60E-05	2.17E-04	1.28E-03	2.05E-05	4.64E-04	2.35E-02	2.18E-03	2.81E-02
2744	NG_1440	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.357	1.44E-01	2.89E-01	Not Modelled	8.67E-02	1.34E-04	1.23E-01	1.44E-02	2.89E-03	2.89E-10	1.44E-03	3.45E-05	2.54E-05	7.08E-05	2.33E-04	1.38E-03	2.20E-05	4.98E-04	2.53E-02	2.34E-03	3.01E-02
2745	NG_1441	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.357	1.57E-01	3.14E-01	Not Modelled	9.34E-02	1.45E-04	1.33E-01	1.57E-02	3.14E-03	3.14E-10	1.57E-03	3.75E-05	2.77E-05	7.69E-05	2.53E-04	1.50E-03	2.40E-05	5.41E-04	2.75E-02	2.55E-03	3.27E-02
2746	NG_1442	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.357	1.74E-01	3.47E-01	Not Modelled	1.02E-01	1.61E-04	1.47E-01	1.74E-02	3.47E-03	3.47E-10	1.74E-03	4.15E-05	3.06E-05	8.51E-05	2.80E-04	1.66E-03	2.65E-05	5.98E-04	3.04E-02	2.82E-03	3.62E-02
2747	NG_1443	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.357	1.95E-01	3.90E-01	Not Modelled	1.14E-01	1.80E-04	1.65E-01	1.95E-02	3.89E-03	3.89E-10	1.95E-03	4.66E-05	3.43E-05	9.55E-05	3.14E-04	1.86E-03	2.97E-05	6.71E-04	3.41E-02	3.16E-03	4.06E-02
2748	NG_1444	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.357	2.17E-01	4.34E-01	Not Modelled	1.26E-01	2.01E-04	1.84E-01	2.17E-02	4.34E-03	4.34E-10	2.17E-03	5.19E-05	3.82E-05	1.06E-04	3.50E-04	2.07E-03	3.31E-05	7.48E-04	3.80E-02	3.52E-03	4.53E-02
2749	NG_1445	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.357	2.39E-01	4.78E-01	Not Modelled	1.38E-01	2.21E-04	2.02E-01	2.39E-02	4.78E-03	4.78E-10	2.39E-03	5.71E-05	4.21E-05	1.17E-04	3.86E-04	2.28E-03	3.65E-05	8.23E-04	4.18E-02	3.87E-03	4.98E-02
2750	NG_1446	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.357	2.64E-01	5.28E-01	Not Modelled	1.51E-01	2.44E-04	2.25E-01	2.64E-02	5.28E-03	5.28E-10	2.64E-03	6.31E-05	4.65E-05	1.29E-04	4.26E-04	2.52E-03	4.03E-05	9.09E-04	4.62E-02	4.28E-03	5.51E-02
2751	NG_1447	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.357	2.91E-01	5.82E-01	Not Modelled	1.66E-01	2.69E-04	2.50E-01	2.91E-02	5.81E-03	5.81E-10	2.91E-03	6.95E-05	5.12E-05	1.43E-04	4.69E-04	2.78E-03	4.44E-05	1.00E-03	5.09E-02	4.72E-03	6.07E-02
2752	NG_1448	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.357	3.14E-01	6.28E-01	Not Modelled	1.80E-01	2.90E-04	2.72E-01	3.14E-02	6.27E-03	6.27E-10	3.14E-03	7.50E-05	5.53E-05	1.54E-04	5.06E-04	2.99E-03	4.79E-05	1.08E-03	5.49E-02	5.09E-03	6.55E-02
2753	NG_1449	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.357	3.27E-01	6.54E-01	Not Modelled	1.88E-01	3.02E-04	2.87E-01	3.27E-02	6.54E-03	6.54E-10	3.27E-03	7.82E-05	5.76E-05	1.60E-04	5.28E-04	3.12E-03	4.99E-05	1.13E-03	5.72E-02	5.30E-03	6.82E-02
2754	NG_1450	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.357	3.30E-01	6.60E-01	Not Modelled	1.90E-01	3.05E-04	2.92E-01	3.30E-02	6.59E-03	6.59E-10	3.30E-03	7.89E-05	5.81E-05	1.62E-04	5.32E-04	3.15E-03	5.03E-05	1.14E-03	5.77E-02	5.35E-03	6.88E-02
2755	NG_1451	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.357	3.25E-01	6.49E-01	Not Modelled	1.87E-01	3.00E-04	2.89E-01	3.25E-02	6.49E-03	6.49E-10	3.25E-03	7.77E-05	5.72E-05	1.59E-04	5.24E-04	3.10E-03	4.96E-05	1.12E-03	5.68E-02	5.27E-03	6.77E-02

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 2 COMMERCIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (μg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**0.000**	**0.024**	**0.001**	**0.000**	**0.001**	**0.004**	**0.023**	**0.000**	**0.008**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2756	NG_1452	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.357	3.15E-01	6.31E-01	Not Modelled	1.79E-01	2.92E-04	2.79E-01	3.15E-02	6.30E-03	6.30E-10	3.15E-03	7.54E-05	5.56E-05	1.55E-04	5.09E-04	3.01E-03	4.81E-05	1.09E-03	5.52E-02	5.11E-03	6.58E-02
2757	NG_1453	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.357	3.03E-01	6.07E-01	Not Modelled	1.69E-01	2.81E-04	2.66E-01	3.03E-02	6.06E-03	6.06E-10	3.03E-03	7.25E-05	5.34E-05	1.49E-04	4.90E-04	2.89E-03	4.63E-05	1.05E-03	5.31E-02	4.92E-03	6.33E-02
2758	NG_1454	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.357	2.84E-01	5.69E-01	Not Modelled	1.54E-01	2.63E-04	2.43E-01	2.84E-02	5.69E-03	5.69E-10	2.85E-03	6.81E-05	5.01E-05	1.40E-04	4.59E-04	2.72E-03	4.34E-05	9.81E-04	4.98E-02	4.61E-03	5.94E-02
2759	NG_1455	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.357	2.61E-01	5.23E-01	Not Modelled	1.36E-01	2.42E-04	2.16E-01	2.61E-02	5.23E-03	5.23E-10	2.61E-03	6.25E-05	4.61E-05	1.28E-04	4.22E-04	2.50E-03	3.99E-05	9.01E-04	4.58E-02	4.24E-03	5.46E-02
2760	NG_1456	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.357	2.41E-01	4.82E-01	Not Modelled	1.22E-01	2.23E-04	1.93E-01	2.41E-02	4.82E-03	4.82E-10	2.41E-03	5.77E-05	4.25E-05	1.18E-04	3.89E-04	2.30E-03	3.68E-05	8.31E-04	4.22E-02	3.91E-03	5.03E-02
2761	NG_1457	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.357	2.24E-01	4.48E-01	Not Modelled	1.11E-01	2.07E-04	1.76E-01	2.24E-02	4.48E-03	4.48E-10	2.24E-03	5.36E-05	3.95E-05	1.10E-04	3.62E-04	2.14E-03	3.42E-05	7.72E-04	3.92E-02	3.63E-03	4.67E-02
2762	NG_1458	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.357	2.09E-01	4.19E-01	Not Modelled	1.02E-01	1.94E-04	1.63E-01	2.09E-02	4.19E-03	4.19E-10	2.09E-03	5.01E-05	3.69E-05	1.03E-04	3.38E-04	2.00E-03	3.20E-05	7.22E-04	3.66E-02	3.40E-03	4.37E-02
2763	NG_1459	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.357	1.98E-01	3.97E-01	Not Modelled	9.65E-02	1.84E-04	1.54E-01	1.98E-02	3.97E-03	3.97E-10	1.98E-03	4.75E-05	3.50E-05	9.73E-05	3.20E-04	1.89E-03	3.03E-05	6.84E-04	3.47E-02	3.22E-03	4.14E-02
2764	NG_1460	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.357	1.91E-01	3.83E-01	Not Modelled	9.35E-02	1.77E-04	1.49E-01	1.91E-02	3.83E-03	3.83E-10	1.92E-03	4.58E-05	3.38E-05	9.39E-05	3.09E-04	1.83E-03	2.92E-05	6.60E-04	3.35E-02	3.11E-03	4.00E-02
2765	NG_1461	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.357	1.87E-01	3.74E-01	Not Modelled	9.19E-02	1.73E-04	1.46E-01	1.87E-02	3.74E-03	3.74E-10	1.87E-03	4.48E-05	3.30E-05	9.17E-05	3.02E-04	1.79E-03	2.86E-05	6.45E-04	3.27E-02	3.03E-03	3.90E-02
2766	NG_1462	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.357	1.85E-01	3.71E-01	Not Modelled	9.16E-02	1.72E-04	1.46E-01	1.85E-02	3.71E-03	3.71E-10	1.85E-03	4.44E-05	3.27E-05	9.09E-05	2.99E-04	1.77E-03	2.83E-05	6.39E-04	3.25E-02	3.01E-03	3.87E-02
2767	NG_1463	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.357	1.87E-01	3.74E-01	Not Modelled	9.30E-02	1.73E-04	1.47E-01	1.87E-02	3.74E-03	3.74E-10	1.87E-03	4.47E-05	3.30E-05	9.17E-05	3.02E-04	1.79E-03	2.86E-05	6.45E-04	3.27E-02	3.03E-03	3.90E-02
2768	NG_1464	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.357	1.88E-01	3.76E-01	Not Modelled	9.41E-02	1.74E-04	1.48E-01	1.88E-02	3.76E-03	3.76E-10	1.88E-03	4.50E-05	3.31E-05	9.22E-05	3.04E-04	1.80E-03	2.87E-05	6.48E-04	3.29E-02	3.05E-03	3.92E-02
2769	NG_1465	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.357	1.86E-01	3.72E-01	Not Modelled	9.36E-02	1.72E-04	1.47E-01	1.86E-02	3.72E-03	3.72E-10	1.86E-03	4.45E-05	3.28E-05	9.13E-05	3.01E-04	1.78E-03	2.84E-05	6.42E-04	3.26E-02	3.02E-03	3.89E-02
2770	NG_1466	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.357	1.80E-01	3.59E-01	Not Modelled	9.04E-02	1.66E-04	1.40E-01	1.80E-02	3.59E-03	3.59E-10	1.80E-03	4.30E-05	3.16E-05	8.81E-05	2.90E-04	1.71E-03	2.74E-05	6.19E-04	3.14E-02	2.91E-03	3.75E-02
2771	NG_1467	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.357	1.71E-01	3.42E-01	Not Modelled	8.61E-02	1.58E-04	1.32E-01	1.71E-02	3.42E-03	3.42E-10	1.71E-03	4.09E-05	3.01E-05	8.38E-05	2.76E-04	1.63E-03	2.61E-05	5.89E-04	2.99E-02	2.77E-03	3.56E-02
2772	NG_1468	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.357	1.62E-01	3.24E-01	Not Modelled	8.19E-02	1.50E-04	1.24E-01	1.62E-02	3.24E-03	3.24E-10	1.62E-03	3.88E-05	2.86E-05	7.95E-05	2.62E-04	1.55E-03	2.48E-05	5.59E-04	2.84E-02	2.63E-03	3.38E-02
2773	NG_1469	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.357	1.54E-01	3.09E-01	Not Modelled	7.82E-02	1.43E-04	1.18E-01	1.54E-02	3.08E-03	3.08E-10	1.54E-03	3.69E-05	2.72E-05	7.56E-05	2.49E-04	1.47E-03	2.36E-05	5.32E-04	2.70E-02	2.50E-03	3.22E-02
2774	NG_1470	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.357	1.45E-01	2.91E-01	Not Modelled	7.38E-02	1.34E-04	1.10E-01	1.45E-02	2.90E-03	2.90E-10	1.45E-03	3.47E-05	2.56E-05	7.12E-05	2.34E-04	1.39E-03	2.22E-05	5.00E-04	2.54E-02	2.36E-03	3.03E-02
2775	NG_1471	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.357	1.36E-01	2.72E-01	Not Modelled	6.94E-02	1.26E-04	1.02E-01	1.36E-02	2.72E-03	2.72E-10	1.36E-03	3.26E-05	2.40E-05	6.68E-05	2.20E-04	1.30E-03	2.08E-05	4.69E-04	2.38E-02	2.21E-03	2.84E-02
2776	NG_1472	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.357	1.27E-01	2.55E-01	Not Modelled	6.51E-02	1.18E-04	9.49E-02	1.27E-02	2.55E-03	2.55E-10	1.27E-03	3.05E-05	2.24E-05	6.25E-05	2.06E-04	1.22E-03	1.94E-05	4.39E-04	2.23E-02	2.07E-03	2.66E-02
2777	NG_1473	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.357	1.20E-01	2.41E-01	Not Modelled	6.16E-02	1.11E-04	8.90E-02	1.20E-02	2.41E-03	2.41E-10	1.20E-03	2.88E-05	2.12E-05	5.91E-05	1.95E-04	1.15E-03	1.84E-05	4.15E-04	2.11E-02	1.95E-03	2.51E-02
2778	NG_1474	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.357	1.15E-01	2.31E-01	Not Modelled	5.90E-02	1.07E-04	8.45E-02	1.15E-02	2.30E-03	2.30E-10	1.15E-03	2.76E-05	2.03E-05	5.65E-05	1.86E-04	1.10E-03	1.76E-05	3.97E-04	2.02E-02	1.87E-03	2.40E-02
2779	NG_1475	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.357	1.10E-01	2.20E-01	Not Modelled	5.62E-02	1.02E-04	7.98E-02	1.10E-02	2.20E-03	2.20E-10	1.10E-03	2.63E-05	1.94E-05	5.40E-05	1.78E-04	1.05E-03	1.68E-05	3.79E-04	1.93E-02	1.78E-03	2.30E-02
2780	NG_1476	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.357	1.04E-01	2.09E-01	Not Modelled	5.32E-02	9.66E-05	7.47E-02	1.04E-02	2.09E-03	2.09E-10	1.04E-03	2.50E-05	1.84E-05	5.12E-05	1.69E-04	9.97E-04	1.59E-05	3.60E-04	1.83E-02	1.69E-03	2.18E-02
2781	NG_1477	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.407	1.11E-01	2.22E-01	Not Modelled	6.85E-02	1.03E-04	9.41E-02	1.11E-02	2.22E-03	2.22E-10	1.11E-03	2.65E-05	1.95E-05	5.44E-05	1.79E-04	1.06E-03	1.69E-05	3.82E-04	1.94E-02	1.80E-03	2.31E-02
2782	NG_1478	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.407	1.17E-01	2.34E-01	Not Modelled	7.18E-02	1.08E-04	9.90E-02	1.17E-02	2.34E-03	2.34E-10	1.17E-03	2.80E-05	2.06E-05	5.73E-05	1.89E-04	1.12E-03	1.78E-05	4.03E-04	2.05E-02	1.90E-03	2.44E-02
2783	NG_1479	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.407	1.24E-01	2.48E-01	Not Modelled	7.56E-02	1.15E-04	1.05E-01	1.24E-02	2.48E-03	2.48E-10	1.24E-03	2.96E-05	2.18E-05	6.08E-05	2.00E-04	1.18E-03	1.89E-05	4.27E-04	2.17E-02	2.01E-03	2.59E-02
2784	NG_1480	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.407	1.33E-01	2.67E-01	Not Modelled	8.07E-02	1.23E-04	1.12E-01	1.33E-02	2.67E-03	2.67E-10	1.33E-03	3.19E-05	2.35E-05	6.54E-05	2.15E-04	1.27E-03	2.04E-05	4.60E-04	2.33E-02	2.16E-03	2.78E-02
2785	NG_1481	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.407	1.44E-01	2.88E-01	Not Modelled	8.64E-02	1.33E-04	1.21E-01	1.44E-02	2.88E-03	2.88E-10	1.44E-03	3.44E-05	2.54E-05	7.06E-05	2.33E-04	1.37E-03	2.20E-05	4.96E-04	2.52E-02	2.34E-03	3.01E-02
2786	NG_1482	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.407	1.57E-01	3.15E-01	Not Modelled	9.35E-02	1.46E-04	1.32E-01	1.57E-02	3.14E-03	3.14E-10	1.57E-03	3.76E-05	2.77E-05	7.71E-05	2.54E-04	1.50E-03	2.40E-05	5.42E-04	2.75E-02	2.55E-03	3.28E-02
2787	NG_1483	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.407	1.73E-01	3.46E-01	Not Modelled	1.02E-01	1.60E-04	1.44E-01	1.73E-02	3.45E-03	3.45E-10	1.73E-03	4.13E-05	3.04E-05	8.47E-05	2.79E-04	1.65E-03	2.64E-05	5.95E-04	3.02E-02	2.80E-03	3.61E-02
2788	NG_1484	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.407	1.92E-01	3.85E-01	Not Modelled	1.12E-01	1.78E-04	1.61E-01	1.92E-02	3.85E-03	3.85E-10	1.92E-03	4.60E-05	3.39E-05	9.43E-05	3.11E-04	1.84E-03	2.94E-05	6.63E-04	3.37E-02	3.12E-03	4.01E-02
2789	NG_1485	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.407	2.13E-01	4.26E-01	Not Modelled	1.23E-01	1.97E-04	1.78E-01	2.13E-02	4.25E-03	4.25E-10	2.13E-03	5.09E-05	3.75E-05	1.04E-04	3.44E-04	2.03E-03	3.25E-05	7.33E-04	3.73E-02	3.45E-03	4.44E-02
2790	NG_1486	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.407	2.35E-01	4.71E-01	Not Modelled	1.36E-01	2.18E-04	1.97E-01	2.35E-02	4.70E-03	4.70E-10	2.35E-03	5.63E-05	4.14E-05	1.15E-04	3.80E-04	2.24E-03	3.59E-05	8.11E-04	4.12E-02	3.81E-03	4.91E-02
2791	NG_1487	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.407	2.55E-01	5.09E-01	Not Modelled	1.46E-01	2.36E-04	2.14E-01	2.55E-02	5.09E-03	5.09E-10	2.55E-03	6.09E-05	4.49E-05	1.25E-04	4.11E-04	2.43E-03	3.89E-05	8.77E-04	4.46E-02	4.13E-03	5.31E-02
2792	NG_1488	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.407	2.73E-01	5.46E-01	Not Modelled	1.56E-01	2.53E-04	2.32E-01	2.73E-02	5.46E-03	5.46E-10	2.73E-03	6.53E-05	4.81E-05	1.34E-04	4.41E-04	2.61E-03	4.17E-05	9.41E-04	4.78E-02	4.43E-03	5.70E-02
2793	NG_1489	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.407	2.87E-01	5.74E-01	Not Modelled	1.65E-01	2.65E-04	2.46E-01	2.87E-02	5.73E-03	5.73E-10	2.87E-03	6.86E-05	5.06E-05	1.41E-04	4.63E-04	2.74E-03	4.38E-05	9.89E-04	5.02E-02	4.65E-03	5.99E-02
2794	NG_1490	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.407	2.95E-01	5.91E-01	Not Modelled	1.70E-01	2.73E-04	2.56E-01	2.95E-02	5.90E-03	5.90E-10	2.95E-03	7.06E-05	5.20E-05	1.45E-04	4.77E-04	2.82E-03	4.51E-05	1.02E-03	5.17E-02	4.79E-03	6.16E-02
2795	NG_1491	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.407	2.96E-01	5.92E-01	Not Modelled	1.70E-01	2.74E-04	2.58E-01	2.96E-02	5.91E-03	5.91E-10	2.96E-03	7.07E-05	5.21E-05	1.45E-04	4.78E-04	2.82E-03	4.52E-05	1.02E-03	5.18E-02	4.80E-03	6.17E-02
2796	NG_1492	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.407	2.90E-01	5.80E-01	Not Modelled	1.66E-01	2.68E-04	2.54E-01	2.90E-02	5.79E-03	5.79E-10	2.90E-03	6.93E-05	5.11E-05	1.42E-04	4.68E-04	2.77E-03	4.42E-05	9.99E-04	5.07E-02	4.70E-03	6.05E-02
2797	NG_1493	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.407	2.81E-01	5.62E-01	Not Modelled	1.59E-01	2.60E-04	2.45E-01	2.81E-02	5.62E-03	5.62E-10	2.81E-03	6.72E-05	4.95E-05	1.38E-04	4.53E-04	2.68E-03	4.29E-05	9.68E-04	4.92E-02	4.56E-03	5.86E-02
2798	NG_1494	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.407	2.68E-01	5.36E-01	Not Modelled	1.49E-01	2.48E-04	2.30E-01	2.68E-02	5.35E-03	5.35E-10	2.68E-03	6.40E-05	4.72E-05	1.31E-04	4.32E-04	2.56E-03	4.09E-05	9.23E-04	4.69E-02	4.34E-03	5.59E-02
2799	NG_1495	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.407	2.54E-01	5.09E-01	Not Modelled	1.37E-01	2.35E-04	2.14E-01	2.54E-02	5.08E-03	5.08E-10	2.54E-03	6.08E-05	4.48E-05	1.25E-04	4.10E-04	2.43E-03	3.88E-05	8.76E-04	4.45E-02	4.12E-03	5.30E-02
2800	NG_1496	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.407	2.37E-01	4.75E-01	Not Modelled	1.24E-01	2.20E-04	1.94E-01	2.37E-02	4.75E-03	4.75E-10	2.37E-03	5.68E-05	4.18E-05	1.16E-04	3.83E-04	2.27E-03	3.62E-05	8.18E-04	4.16E-02	3.85E-03	4.95E-02
2801	NG_1497	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.407	2.21E-01	4.43E-01	Not Modelled	1.13E-01	2.05E-04	1.77E-01	2.21E-02	4.42E-03	4.42E-10	2.21E-03	5.29E-05	3.90E-05	1.08E-04	3.57E-04	2.11E-03	3.38E-05	7.63E-04	3.87E-02	3.59E-03	4.62E-02
2802	NG_1498	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.407	2.06E-01	4.12E-01	Not Modelled	1.02E-01	1.90E-04	1.61E-01	2.06E-02	4.11E-03	4.11E-10	2.06E-03	4.92E-05	3.63E-05	1.01E-04	3.32E-04	1.96E-03	3.14E-05	7.09E-04	3.60E-02	3.34E-03	4.29E-02
2803	NG_1499	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.407	1.93E-01	3.87E-01	Not Modelled	9.50E-02	1.79E-04	1.50E-01	1.93E-02	3.86E-03	3.86E-10	1.93E-03	4.62E-05	3.41E-05	9.48E-05	3.12E-04	1.85E-03	2.95E-05	6.66E-04	3.38E-02	3.14E-03	4.03E-02
2804	NG_1500	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.407	1.82E-01	3.65E-01	Not Modelled	8.92E-02	1.69E-04	1.41E-01	1.82E-02	3.65E-03	3.65E-10	1.82E-03	4.36E-05	3.22E-05	8.95E-05	2.95E-04	1.74E-03	2.79E-05	6.29E-04	3.19E-02	2.96E-03	3.81E-02
2805	NG_1501	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.407	1.75E-01	3.49E-01	Not Modelled	8.54E-02	1.62E-04	1.35E-01	1.75E-02	3.49E-03	3.49E-10	1.75E-03	4.18E-05	3.08E-05	8.56E-05	2.82E-04	1.67E-03	2.67E-05	6.02E-04	3.06E-02	2.83E-03	3.64E-02
2806	NG_1502	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.407	1.71E-01	3.42E-01	Not Modelled	8.40E-02	1.58E-04	1.32E-01	1.71E-02	3.41E-03	3.41E-10	1.71E-03	4.08E-05	3.01E-05	8.37E-05	2.76E-04	1.63E-03	2.61E-05	5.89E-04	2.99E-02	2.77E-03	3.56E-02
2807	NG_1503	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.407	1.69E-01	3.38E-01	Not Modelled	8.36E-02	1.56E-04	1.31E-01	1.69E-02	3.38E-03	3.38E-10	1.69E-03	4.05E-05	2.98E-05	8.29E-05	2.73E-04	1.61E-03	2.58E-05	5.83E-04	2.96E-02	2.74E-03	3.53E-02
2808	NG_1504	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.407	1.70E-01	3.40E-01	Not Modelled	8.44E-02	1.57E-04	1.32E-01	1.70E-02	3.40E-03	3.40E-10	1.70E-03	4.06E-05	2.99E-05	8.33E-05	2.74E-04	1.62E-03	2.59E-05	5.85E-04	2.97E-02	2.75E-03	3.54E-02
2809	NG_1505	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.407	1.70E-01	3.40E-01	Not Modelled	8.50E-02	1.57E-04	1.32E-01	1.70E-02	3.40E-03	3.40E-10	1.70E-03	4.07E-05	3.00E-05	8.34E-05	2.75E-04	1.62E-03	2.60E-05	5.87E-04	2.98E-02	2.76E-03	3.55E-02
2810	NG_1506	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.407	1.69E-01	3.39E-01	Not Modelled	8.49E-02	1.57E-04	1.31E-01	1.69E-02	3.38E-03	3.38E-10	1.69E-03	4.05E-05	2.98E-05	8.30E-05	2.73E-04	1.62E-03	2.58E-05	5.83E-04	2.96E-02	2.75E-03	3.53E-02
2811	NG_1507	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.407	1.66E-01	3.33E-01	Not Modelled	8.37E-02	1.54E-04	1.29E-01	1.66E-02	3.33E-03	3.33E-10	1.67E-03	3.98E-05	2.93E-05	8.16E-05	2.69E-04	1.59E-03	2.54E-05	5.74E-04	2.91E-02	2.70E-03	3.47E-02
2812	NG_1508	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.407	1.63E-01	3.25E-01	Not Modelled	8.19E-02	1.50E-04	1.25E-01	1.63E-02	3.25E-03	3.25E-10	1.63E-03	3.89E-05	2.87E-05	7.97E-05	2.63E-04	1.55E-03	2.48E-05	5.60E-04	2.85E-02	2.64E-03	3.39E-02
2813	NG_1509	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.407	1.56E-01	3.13E-01	Not Modelled	7.90E-02	1.45E-04	1.19E-01	1.56E-02	3.13E-03	3.13E-10	1.56E-03	3.74E-05	2.76E-05	7.67E-05	2.52E-04	1.49E-03	2.39E-05	5.39E-04	2.74E-02	2.54E-03	3.26E-02
2814	NG_1510	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.407	1.48E-01	2.97E-01	Not Modelled	7.52E-02	1.37E-04	1.12E-01	1.48E-02	2.97E-03	2.97E-10	1.49E-03	3.55E-05	2.62E-05	7.28E-05	2.40E-04	1.42E-03	2.27E-05	5.12E-04	2.60E-02	2.41E-03	3.10E-02
2815	NG_1511	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.407	1.41E-01	2.83E-01	Not Modelled	7.21E-02	1.31E-04	1.07E-01	1.42E-02	2.83E-03	2.83E-10	1.42E-03	3.39E-05	2.49E-05	6.94E-05	2.29E-04	1.35E-03	2.16E-05	4.88E-04	2.48E-02	2.30E-03	2.95E-02
2816	NG_1512	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.407	1.35E-01	2.70E-01	Not Modelled	6.91E-02	1.25E-04	1.01E-01	1.35E-02	2.70E-03	2.70E-10	1.35E-03	3.23E-05	2.38E-05	6.62E-05	2.18E-04	1.29E-03	2.06E-05	4.65E-04	2.36E-02	2.19E-03	2.82E-02
2817	NG_1513	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.407	1.29E-01	2.58E-01	Not Modelled	6.63E-02	1.19E-04	9.63E-02	1.29E-02	2.58E-03	2.58E-10	1.29E-03	3.08E-05	2.27E-05	6.32E-05	2.08E-04	1.23E-03	1.97E-05	4.44E-04	2.26E-02	2.09E-03	2.69E-02
2818	NG_1514	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.407	1.22E-01	2.44E-01	Not Modelled	6.29E-02	1.13E-04	9.07E-02	1.22E-02	2.44E-03	2.44E-10	1.22E-03	2.92E-05	2.15E-05	5.99E-05	1.97E-04	1.17E-03	1.86E-05	4.21E-04	2.14E-02	1.98E-03	2.55E-02
2819	NG_1515	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.407	1.16E-01	2.32E-01	Not Modelled	5.98E-02	1.07E-04	8.53E-02	1.16E-02	2.32E-03	2.32E-10	1.16E-03	2.77E-05	2.04E-05	5.68E-05	1.87E-04	1.11E-03	1.77E-05	3.99E-04	2.03E-02	1.88E-03	2.42E-02
2820	NG_1516	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.407	1.09E-01	2.19E-01	Not Modelled	5.65E-02	1.01E-04	7.99E-02	1.10E-02	2.19E-03	2.19E-10	1.10E-03	2.62E-05	1.93E-05	5.37E-05	1.77E-04	1.05E-03	1.67E-05	3.78E-04	1.92E-02	1.78E-03	2.29E-02
2821	NG_1517	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.407	1.05E-01	2.09E-01	Not Modelled	5.39E-02	9.67E-05	7.55E-02	1.05E-02	2.09E-03	2.09E-10	1.05E-03	2.50E-05	1.84E-05	5.13E-05	1.69E-04	9.98E-04	1.60E-05	3.60E-04	1.83E-02	1.70E-03	2.18E-02
2822	NG_1518	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.457	1.08E-01	2.17E-01	Not Modelled	6.70E-02	1.00E-04	9.08E-02	1.08E-02	2.17E-03	2.17E-10	1.08E-03	2.59E-05	1.91E-05	5.31E-05	1.75E-04	1.03E-03	1.65E-05	3.73E-04	1.90E-02	1.76E-03	2.26E-02
2823	NG_1519	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.457	1.15E-01	2.30E-01	Not Modelled	7.05E-02	1.06E-04	9.58E-02	1.15E-02	2.29E-03	2.29E-10	1.15E-03	2.74E-05	2.02E-05	5.62E-05	1.85E-04	1.09E-03	1.75E-05	3.95E-04	2.01E-02	1.86E-03	2.39E-02
2824	NG_1520	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.457	1.22E-01	2.44E-01	Not Modelled	7.43E-02	1.13E-04	1.01E-01	1.22E-02	2.44E-03	2.44E-10	1.22E-03	2.92E-05	2.15E-05	5.98E-05	1.97E-04	1.17E-03	1.86E-05	4.21E-04	2.14E-02	1.98E-03	2.55E-02
2825	NG_1521	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.457	1.32E-01	2.64E-01	Not Modelled	7.96E-02	1.22E-04	1.09E-01	1.32E-02	2.64E-03	2.64E-10	1.32E-03	3.16E-05	2.33E-05	6.47E-05	2.13E-04	1.26E-03	2.01E-05	4.55E-04	2.31E-02	2.14E-03	2.75E-02
2826	NG_1522	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.457	1.44E-01	2.88E-01	Not Modelled	8.60E-02	1.33E-04	1.19E-01	1.44E-02	2.87E-03	2.87E-10	1.44E-03	3.44E-05	2.53E-05	7.05E-05	2.32E-04	1.37E-03	2.19E-05	4.95E-04	2.52E-02	2.33E-03	3.00E-02
2827	NG_1523	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.457	1.56E-01	3.13E-01	Not Modelled	9.27E-02	1.45E-04	1.29E-01	1.56E-02	3.13E-03	3.13E-10	1.56E-03	3.74E-05	2.76E-05	7.67E-05	2.52E-04	1.49E-03	2.39E-05	5.39E-04	2.74E-02	2.54E-03	3.26E-02
2828	NG_1524	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.457	1.71E-01	3.42E-01	Not Modelled	1.00E-01	1.58E-04	1.41E-01	1.71E-02	3.42E-03	3.42E-10	1.71E-03	4.09E-05	3.01E-05	8.38E-05	2.76E-04	1.63E-03	2.61E-05	5.89E-04	2.99E-02	2.77E-03	3.57E-02
2829	NG_1525	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.457	1.90E-01	3.80E-01	Not Modelled	1.11E-01	1.76E-04	1.57E-01	1.90E-02	3.79E-03	3.79E-10	1.90E-03	4.54E-05	3.34E-05	9.31E-05	3.06E-04	1.81E-03	2.90E-05	6.54E-04	3.32E-02	3.08E-03	3.96E-02
2830	NG_1526	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.457	2.10E-01	4.21E-01	Not Modelled	1.22E-01	1.95E-04	1.74E-01	2.10E-02	4.20E-03	4.20E-10	2.10E-03	5.03E-05	3.71E-05	1.03E-04	3.39E-04	2.01E-03	3.21E-05	7.25E-04	3.68E-02	3.41E-03	4.39E-02
2831	NG_1527	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.457	2.29E-01	4.59E-01	Not Modelled	1.32E-01	2.12E-04	1.91E-01	2.29E-02	4.59E-03	4.59E-10	2.30E-03	5.49E-05	4.04E-05	1.13E-04	3.71E-04	2.19E-03	3.50E-05	7.91E-04	4.02E-02	3.72E-03	4.79E-02
2832	NG_1528	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.457	2.45E-01	4.91E-01	Not Modelled	1.41E-01	2.27E-04	2.05E-01	2.45E-02	4.91E-03	4.91E-10	2.46E-03	5.87E-05	4.33E-05	1.20E-04	3.96E-04	2.34E-03	3.75E-05	8.46E-04	4.30E-02	3.98E-03	5.12E-02
2833	NG_1529	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.457	2.58E-01	5.17E-01	Not Modelled	1.48E-01	2.39E-04	2.17E-01	2.58E-02	5.17E-03	5.17E-10	2.59E-03	6.18E-05	4.56E-05	1.27E-04	4.17E-04	2.47E-03	3.95E-05	8.91E-04	4.53E-02	4.19E-03	5.39E-02
2834	NG_1530	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.457	2.67E-01	5.34E-01	Not Modelled	1.53E-01	2.47E-04	2.26E-01	2.67E-02	5.33E-03	5.33E-10	2.67E-03	6.38E-05	4.70E-05	1.31E-04	4.31E-04	2.55E-03	4.07E-05	9.19E-04	4.67E-02	4.33E-03	5.57E-02
2835	NG_1531	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.457	2.70E-01	5.41E-01	Not Modelled	1.56E-01	2.50E-04	2.32E-01	2.70E-02	5.41E-03	5.41E-10	2.70E-03	6.47E-05	4.77E-05	1.33E-04	4.37E-04	2.58E-03	4.13E-05	9.32E-04	4.73E-02	4.39E-03	5.64E-02
2836	NG_1532	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.457	2.69E-01	5.39E-01	Not Modelled	1.55E-01	2.49E-04	2.33E-01	2.69E-02	5.39E-03	5.39E-10	2.70E-03	6.45E-05	4.75E-05	1.32E-04	4.35E-04	2.57E-03	4.11E-05	9.29E-04	4.72E-02	4.37E-03	5.62E-02
2837	NG_1533	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.457	2.62E-01	5.25E-01	Not Modelled	1.50E-01	2.43E-04	2.27E-01	2.62E-02	5.25E-03	5.25E-10	2.62E-03	6.28E-05	4.63E-05	1.29E-04	4.24E-04	2.51E-03	4.01E-05	9.05E-04	4.59E-02	4.26E-03	5.48E-02
2838	NG_1534	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.457	2.52E-01	5.05E-01	Not Modelled	1.43E-01	2.34E-04	2.17E-01	2.52E-02	5.05E-03	5.05E-10	2.53E-03	6.04E-05	4.45E-05	1.24E-04	4.08E-04	2.41E-03	3.85E-05	8.70E-04	4.42E-02	4.10E-03	5.27E-02
2839	NG_1535	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.457	2.42E-01	4.84E-01	Not Modelled	1.34E-01	2.24E-04	2.05E-01	2.42E-02	4.84E-03	4.84E-10	2.42E-03	5.79E-05	4.27E-05	1.19E-04	3.91E-04	2.31E-03	3.70E-05	8.35E-04	4.24E-02	3.93E-03	5.05E-02
2840	NG_1536	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.457	2.30E-01	4.61E-01	Not Modelled	1.25E-01	2.13E-04	1.91E-01	2.30E-02	4.61E-03	4.61E-10	2.30E-03	5.51E-05	4.06E-05	1.13E-04	3.72E-04	2.20E-03	3.52E-05	7.94E-04	4.03E-02	3.74E-03	4.81E-02

AQIA DATA - SCENARIO 2 COMMERCIAL

Annual Average Pollutant Concentration (µg/m3) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**2.370**	**4.730**	**0.000**	**1.320**	**0.002**	**2.520**	**0.237**	**0.047**	**0.000**	**0.024**	**0.001**	**0.000**	**0.001**	**0.004**	**0.023**	**0.000**	**0.008**	**0.414**	**0.038**	**0.494**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2841	NG_1537	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.457	2.17E-01	4.34E-01	Not Modelled	1.14E-01	2.01E-04	1.76E-01	2.17E-02	4.34E-03	4.34E-10	2.17E-03	5.19E-05	3.82E-05	1.06E-04	3.50E-04	2.07E-03	3.31E-05	7.48E-04	3.80E-02	3.52E-03	4.53E-02
2842	NG_1538	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.457	2.03E-01	4.06E-01	Not Modelled	1.04E-01	1.88E-04	1.61E-01	2.03E-02	4.05E-03	4.05E-10	2.03E-03	4.85E-05	3.57E-05	9.94E-05	3.27E-04	1.94E-03	3.10E-05	6.99E-04	3.55E-02	3.29E-03	4.23E-02
2843	NG_1539	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.457	1.90E-01	3.80E-01	Not Modelled	9.52E-02	1.76E-04	1.48E-01	1.90E-02	3.80E-03	3.80E-10	1.90E-03	4.55E-05	3.35E-05	9.32E-05	3.07E-04	1.81E-03	2.90E-05	6.55E-04	3.33E-02	3.08E-03	3.97E-02
2844	NG_1540	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.457	1.79E-01	3.58E-01	Not Modelled	8.85E-02	1.66E-04	1.38E-01	1.79E-02	3.58E-03	3.58E-10	1.79E-03	4.28E-05	3.15E-05	8.78E-05	2.89E-04	1.71E-03	2.73E-05	6.17E-04	3.13E-02	2.90E-03	3.73E-02
2845	NG_1541	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.457	1.69E-01	3.39E-01	Not Modelled	8.32E-02	1.57E-04	1.30E-01	1.69E-02	3.38E-03	3.38E-10	1.69E-03	4.05E-05	2.98E-05	8.30E-05	2.73E-04	1.62E-03	2.58E-05	5.83E-04	2.96E-02	2.74E-03	3.53E-02
2846	NG_1542	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.457	1.61E-01	3.23E-01	Not Modelled	7.91E-02	1.49E-04	1.23E-01	1.61E-02	3.22E-03	3.22E-10	1.61E-03	3.86E-05	2.84E-05	7.91E-05	2.60E-04	1.54E-03	2.46E-05	5.56E-04	2.82E-02	2.62E-03	3.36E-02
2847	NG_1543	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.457	1.57E-01	3.13E-01	Not Modelled	7.71E-02	1.45E-04	1.20E-01	1.57E-02	3.13E-03	3.13E-10	1.57E-03	3.75E-05	2.76E-05	7.68E-05	2.53E-04	1.50E-03	2.39E-05	5.40E-04	2.74E-02	2.54E-03	3.27E-02
2848	NG_1544	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.457	1.55E-01	3.11E-01	Not Modelled	7.70E-02	1.44E-04	1.20E-01	1.55E-02	3.11E-03	3.11E-10	1.55E-03	3.72E-05	2.74E-05	7.62E-05	2.51E-04	1.48E-03	2.37E-05	5.36E-04	2.72E-02	2.52E-03	3.24E-02
2849	NG_1545	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.457	1.55E-01	3.11E-01	Not Modelled	7.72E-02	1.44E-04	1.20E-01	1.55E-02	3.10E-03	3.10E-10	1.55E-03	3.71E-05	2.73E-05	7.61E-05	2.51E-04	1.48E-03	2.37E-05	5.35E-04	2.72E-02	2.52E-03	3.24E-02
2850	NG_1546	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.457	1.55E-01	3.10E-01	Not Modelled	7.73E-02	1.43E-04	1.19E-01	1.55E-02	3.10E-03	3.10E-10	1.55E-03	3.71E-05	2.73E-05	7.60E-05	2.50E-04	1.48E-03	2.36E-05	5.34E-04	2.71E-02	2.51E-03	3.23E-02
2851	NG_1547	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.457	1.54E-01	3.09E-01	Not Modelled	7.71E-02	1.43E-04	1.18E-01	1.54E-02	3.08E-03	3.08E-10	1.54E-03	3.69E-05	2.72E-05	7.56E-05	2.49E-04	1.47E-03	2.35E-05	5.32E-04	2.70E-02	2.50E-03	3.22E-02
2852	NG_1548	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.457	1.54E-01	3.09E-01	Not Modelled	7.74E-02	1.43E-04	1.18E-01	1.54E-02	3.08E-03	3.08E-10	1.54E-03	3.69E-05	2.72E-05	7.56E-05	2.49E-04	1.47E-03	2.36E-05	5.32E-04	2.70E-02	2.50E-03	3.22E-02
2853	NG_1549	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.457	1.53E-01	3.06E-01	Not Modelled	7.71E-02	1.42E-04	1.17E-01	1.53E-02	3.06E-03	3.06E-10	1.53E-03	3.66E-05	2.70E-05	7.51E-05	2.47E-04	1.46E-03	2.34E-05	5.28E-04	2.68E-02	2.48E-03	3.20E-02
2854	NG_1550	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.457	1.50E-01	3.00E-01	Not Modelled	7.59E-02	1.39E-04	1.14E-01	1.50E-02	3.00E-03	3.00E-10	1.50E-03	3.59E-05	2.64E-05	7.35E-05	2.42E-04	1.43E-03	2.29E-05	5.17E-04	2.63E-02	2.43E-03	3.13E-02
2855	NG_1551	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.457	1.44E-01	2.88E-01	Not Modelled	7.32E-02	1.33E-04	1.09E-01	1.44E-02	2.88E-03	2.88E-10	1.44E-03	3.45E-05	2.54E-05	7.07E-05	2.33E-04	1.38E-03	2.20E-05	4.97E-04	2.52E-02	2.34E-03	3.01E-02
2856	NG_1552	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.457	1.38E-01	2.77E-01	Not Modelled	7.05E-02	1.28E-04	1.04E-01	1.38E-02	2.76E-03	2.76E-10	1.38E-03	3.31E-05	2.44E-05	6.78E-05	2.23E-04	1.32E-03	2.11E-05	4.77E-04	2.42E-02	2.24E-03	2.89E-02
2857	NG_1553	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.457	1.34E-01	2.67E-01	Not Modelled	6.85E-02	1.24E-04	1.00E-01	1.34E-02	2.67E-03	2.67E-10	1.34E-03	3.20E-05	2.35E-05	6.55E-05	2.16E-04	1.28E-03	2.04E-05	4.61E-04	2.34E-02	2.17E-03	2.79E-02
2858	NG_1554	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.457	1.29E-01	2.58E-01	Not Modelled	6.65E-02	1.19E-04	9.64E-02	1.29E-02	2.58E-03	2.58E-10	1.29E-03	3.09E-05	2.27E-05	6.32E-05	2.08E-04	1.23E-03	1.97E-05	4.45E-04	2.26E-02	2.09E-03	2.69E-02
2859	NG_1555	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.457	1.24E-01	2.47E-01	Not Modelled	6.40E-02	1.14E-04	9.20E-02	1.24E-02	2.47E-03	2.47E-10	1.24E-03	2.96E-05	2.18E-05	6.06E-05	2.00E-04	1.18E-03	1.89E-05	4.26E-04	2.16E-02	2.01E-03	2.58E-02
2860	NG_1556	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.457	1.16E-01	2.33E-01	Not Modelled	6.04E-02	1.08E-04	8.60E-02	1.16E-02	2.33E-03	2.33E-10	1.16E-03	2.79E-05	2.05E-05	5.71E-05	1.88E-04	1.11E-03	1.78E-05	4.01E-04	2.04E-02	1.89E-03	2.43E-02
2861	NG_1557	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.457	1.10E-01	2.20E-01	Not Modelled	5.70E-02	1.02E-04	8.03E-02	1.10E-02	2.19E-03	2.19E-10	1.10E-03	2.62E-05	1.93E-05	5.38E-05	1.77E-04	1.05E-03	1.68E-05	3.78E-04	1.92E-02	1.78E-03	2.29E-02
2862	NG_1558	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.457	1.04E-01	2.08E-01	Not Modelled	5.40E-02	9.63E-05	7.54E-02	1.04E-02	2.08E-03	2.08E-10	1.04E-03	2.49E-05	1.83E-05	5.11E-05	1.68E-04	9.94E-04	1.59E-05	3.59E-04	1.82E-02	1.69E-03	2.17E-02
2863	NG_1559	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.507	1.06E-01	2.13E-01	Not Modelled	6.56E-02	9.82E-05	8.77E-02	1.06E-02	2.12E-03	2.12E-10	1.06E-03	2.54E-05	1.87E-05	5.21E-05	1.71E-04	1.01E-03	1.62E-05	3.66E-04	1.86E-02	1.72E-03	2.22E-02
2864	NG_1560	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.507	1.13E-01	2.26E-01	Not Modelled	6.92E-02	1.04E-04	9.29E-02	1.13E-02	2.26E-03	2.26E-10	1.13E-03	2.70E-05	1.99E-05	5.54E-05	1.82E-04	1.08E-03	1.72E-05	3.89E-04	1.98E-02	1.83E-03	2.36E-02
2865	NG_1561	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.507	1.21E-01	2.41E-01	Not Modelled	7.32E-02	1.12E-04	9.88E-02	1.21E-02	2.41E-03	2.41E-10	1.21E-03	2.89E-05	2.13E-05	5.92E-05	1.95E-04	1.15E-03	1.84E-05	4.16E-04	2.11E-02	1.96E-03	2.52E-02
2866	NG_1562	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.507	1.31E-01	2.61E-01	Not Modelled	7.84E-02	1.21E-04	1.07E-01	1.31E-02	2.61E-03	2.61E-10	1.31E-03	3.12E-05	2.30E-05	6.40E-05	2.11E-04	1.25E-03	1.99E-05	4.50E-04	2.29E-02	2.12E-03	2.72E-02
2867	NG_1563	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.507	1.43E-01	2.86E-01	Not Modelled	8.51E-02	1.32E-04	1.16E-01	1.43E-02	2.86E-03	2.86E-10	1.43E-03	3.42E-05	2.52E-05	7.00E-05	2.31E-04	1.36E-03	2.18E-05	4.92E-04	2.50E-02	2.32E-03	2.98E-02
2868	NG_1564	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.507	1.55E-01	3.09E-01	Not Modelled	9.13E-02	1.43E-04	1.26E-01	1.55E-02	3.09E-03	3.09E-10	1.55E-03	3.70E-05	2.72E-05	7.58E-05	2.50E-04	1.48E-03	2.36E-05	5.33E-04	2.71E-02	2.51E-03	3.23E-02
2869	NG_1565	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.507	1.69E-01	3.37E-01	Not Modelled	9.87E-02	1.56E-04	1.37E-01	1.69E-02	3.37E-03	3.37E-10	1.69E-03	4.03E-05	2.97E-05	8.27E-05	2.72E-04	1.61E-03	2.57E-05	5.81E-04	2.95E-02	2.73E-03	3.52E-02
2870	NG_1566	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.507	1.87E-01	3.74E-01	Not Modelled	1.09E-01	1.73E-04	1.53E-01	1.87E-02	3.74E-03	3.74E-10	1.87E-03	4.48E-05	3.30E-05	9.18E-05	3.02E-04	1.79E-03	2.86E-05	6.45E-04	3.28E-02	3.04E-03	3.91E-02
2871	NG_1567	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.507	2.06E-01	4.13E-01	Not Modelled	1.20E-01	1.91E-04	1.69E-01	2.06E-02	4.12E-03	4.12E-10	2.06E-03	4.93E-05	3.63E-05	1.01E-04	3.33E-04	1.97E-03	3.15E-05	7.11E-04	3.61E-02	3.34E-03	4.30E-02
2872	NG_1568	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.507	2.22E-01	4.43E-01	Not Modelled	1.28E-01	2.05E-04	1.83E-01	2.22E-02	4.43E-03	4.43E-10	2.22E-03	5.30E-05	3.91E-05	1.09E-04	3.58E-04	2.12E-03	3.38E-05	7.64E-04	3.88E-02	3.59E-03	4.62E-02
2873	NG_1569	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.507	2.34E-01	4.67E-01	Not Modelled	1.35E-01	2.16E-04	1.93E-01	2.34E-02	4.67E-03	4.67E-10	2.34E-03	5.59E-05	4.12E-05	1.15E-04	3.77E-04	2.23E-03	3.57E-05	8.05E-04	4.09E-02	3.79E-03	4.87E-02
2874	NG_1570	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.507	2.44E-01	4.89E-01	Not Modelled	1.41E-01	2.26E-04	2.04E-01	2.44E-02	4.88E-03	4.88E-10	2.44E-03	5.84E-05	4.31E-05	1.20E-04	3.94E-04	2.33E-03	3.73E-05	8.42E-04	4.28E-02	3.96E-03	5.10E-02
2875	NG_1571	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.507	2.50E-01	5.00E-01	Not Modelled	1.44E-01	2.31E-04	2.10E-01	2.50E-02	4.99E-03	4.99E-10	2.50E-03	5.97E-05	4.40E-05	1.22E-04	4.03E-04	2.38E-03	3.81E-05	8.61E-04	4.37E-02	4.05E-03	5.21E-02
2876	NG_1572	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.507	2.51E-01	5.03E-01	Not Modelled	1.45E-01	2.32E-04	2.13E-01	2.51E-02	5.02E-03	5.02E-10	2.51E-03	6.01E-05	4.43E-05	1.23E-04	4.05E-04	2.40E-03	3.83E-05	8.66E-04	4.40E-02	4.07E-03	5.24E-02
2877	NG_1573	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.507	2.48E-01	4.96E-01	Not Modelled	1.43E-01	2.29E-04	2.12E-01	2.48E-02	4.95E-03	4.95E-10	2.48E-03	5.93E-05	4.37E-05	1.22E-04	4.00E-04	2.37E-03	3.78E-05	8.54E-04	4.34E-02	4.02E-03	5.17E-02
2878	NG_1574	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.507	2.40E-01	4.80E-01	Not Modelled	1.38E-01	2.22E-04	2.05E-01	2.40E-02	4.80E-03	4.80E-10	2.40E-03	5.74E-05	4.23E-05	1.18E-04	3.87E-04	2.29E-03	3.66E-05	8.27E-04	4.20E-02	3.89E-03	5.01E-02
2879	NG_1575	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.507	2.31E-01	4.62E-01	Not Modelled	1.31E-01	2.14E-04	1.96E-01	2.31E-02	4.62E-03	4.62E-10	2.31E-03	5.52E-05	4.07E-05	1.13E-04	3.73E-04	2.20E-03	3.53E-05	7.96E-04	4.04E-02	3.75E-03	4.82E-02
2880	NG_1576	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.507	2.23E-01	4.45E-01	Not Modelled	1.24E-01	2.06E-04	1.86E-01	2.23E-02	4.45E-03	4.45E-10	2.23E-03	5.32E-05	3.92E-05	1.09E-04	3.59E-04	2.13E-03	3.40E-05	7.67E-04	3.90E-02	3.61E-03	4.64E-02
2881	NG_1577	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.507	2.12E-01	4.25E-01	Not Modelled	1.15E-01	1.97E-04	1.75E-01	2.12E-02	4.25E-03	4.25E-10	2.13E-03	5.08E-05	3.74E-05	1.04E-04	3.43E-04	2.03E-03	3.24E-05	7.32E-04	3.72E-02	3.45E-03	4.43E-02
2882	NG_1578	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.507	1.99E-01	3.98E-01	Not Modelled	1.05E-01	1.84E-04	1.60E-01	1.99E-02	3.98E-03	3.98E-10	1.99E-03	4.76E-05	3.51E-05	9.76E-05	3.21E-04	1.90E-03	3.04E-05	6.86E-04	3.48E-02	3.23E-03	4.15E-02
2883	NG_1579	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.507	1.87E-01	3.74E-01	Not Modelled	9.61E-02	1.73E-04	1.47E-01	1.87E-02	3.74E-03	3.74E-10	1.87E-03	4.48E-05	3.30E-05	9.17E-05	3.02E-04	1.79E-03	2.86E-05	6.45E-04	3.27E-02	3.03E-03	3.90E-02
2884	NG_1580	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.507	1.76E-01	3.53E-01	Not Modelled	8.89E-02	1.63E-04	1.37E-01	1.76E-02	3.53E-03	3.53E-10	1.76E-03	4.22E-05	3.11E-05	8.65E-05	2.85E-04	1.68E-03	2.69E-05	6.08E-04	3.09E-02	2.86E-03	3.68E-02
2885	NG_1581	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.507	1.67E-01	3.34E-01	Not Modelled	8.30E-02	1.54E-04	1.28E-01	1.67E-02	3.33E-03	3.33E-10	1.67E-03	3.99E-05	2.94E-05	8.17E-05	2.69E-04	1.59E-03	2.55E-05	5.75E-04	2.92E-02	2.70E-03	3.48E-02
2886	NG_1582	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.507	1.58E-01	3.17E-01	Not Modelled	7.83E-02	1.46E-04	1.21E-01	1.58E-02	3.16E-03	3.16E-10	1.58E-03	3.79E-05	2.79E-05	7.76E-05	2.55E-04	1.51E-03	2.42E-05	5.45E-04	2.77E-02	2.57E-03	3.30E-02
2887	NG_1583	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.507	1.50E-01	3.01E-01	Not Modelled	7.42E-02	1.39E-04	1.14E-01	1.50E-02	3.01E-03	3.01E-10	1.50E-03	3.60E-05	2.65E-05	7.38E-05	2.43E-04	1.44E-03	2.30E-05	5.19E-04	2.63E-02	2.44E-03	3.14E-02
2888	NG_1584	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.507	1.45E-01	2.91E-01	Not Modelled	7.18E-02	1.35E-04	1.10E-01	1.45E-02	2.91E-03	2.91E-10	1.45E-03	3.48E-05	2.56E-05	7.13E-05	2.35E-04	1.39E-03	2.22E-05	5.01E-04	2.55E-02	2.36E-03	3.03E-02
2889	NG_1585	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.507	1.43E-01	2.87E-01	Not Modelled	7.12E-02	1.33E-04	1.09E-01	1.43E-02	2.87E-03	2.87E-10	1.43E-03	3.43E-05	2.53E-05	7.04E-05	2.32E-04	1.37E-03	2.19E-05	4.95E-04	2.51E-02	2.33E-03	2.99E-02
2890	NG_1586	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.507	1.43E-01	2.87E-01	Not Modelled	7.14E-02	1.33E-04	1.09E-01	1.43E-02	2.86E-03	2.86E-10	1.43E-03	3.43E-05	2.53E-05	7.03E-05	2.31E-04	1.37E-03	2.19E-05	4.94E-04	2.51E-02	2.32E-03	2.99E-02
2891	NG_1587	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.507	1.43E-01	2.86E-01	Not Modelled	7.13E-02	1.32E-04	1.09E-01	1.43E-02	2.86E-03	2.86E-10	1.43E-03	3.42E-05	2.52E-05	7.00E-05	2.31E-04	1.36E-03	2.18E-05	4.92E-04	2.50E-02	2.32E-03	2.98E-02
2892	NG_1588	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.507	1.43E-01	2.86E-01	Not Modelled	7.13E-02	1.32E-04	1.08E-01	1.43E-02	2.85E-03	2.85E-10	1.43E-03	3.41E-05	2.51E-05	7.00E-05	2.30E-04	1.36E-03	2.18E-05	4.92E-04	2.50E-02	2.31E-03	2.98E-02
2893	NG_1589	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.507	1.44E-01	2.88E-01	Not Modelled	7.22E-02	1.33E-04	1.09E-01	1.44E-02	2.88E-03	2.88E-10	1.44E-03	3.44E-05	2.54E-05	7.05E-05	2.32E-04	1.37E-03	2.20E-05	4.96E-04	2.52E-02	2.33E-03	3.00E-02
2894	NG_1590	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.507	1.44E-01	2.88E-01	Not Modelled	7.27E-02	1.33E-04	1.09E-01	1.44E-02	2.88E-03	2.88E-10	1.44E-03	3.45E-05	2.54E-05	7.07E-05	2.33E-04	1.38E-03	2.20E-05	4.97E-04	2.52E-02	2.34E-03	3.01E-02
2895	NG_1591	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.507	1.43E-01	2.87E-01	Not Modelled	7.27E-02	1.33E-04	1.08E-01	1.43E-02	2.87E-03	2.87E-10	1.43E-03	3.43E-05	2.53E-05	7.03E-05	2.32E-04	1.37E-03	2.19E-05	4.94E-04	2.51E-02	2.33E-03	2.99E-02
2896	NG_1592	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.507	1.39E-01	2.79E-01	Not Modelled	7.10E-02	1.29E-04	1.05E-01	1.39E-02	2.79E-03	2.79E-10	1.40E-03	3.34E-05	2.46E-05	6.84E-05	2.25E-04	1.33E-03	2.13E-05	4.81E-04	2.44E-02	2.26E-03	2.91E-02
2897	NG_1593	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.507	1.35E-01	2.70E-01	Not Modelled	6.89E-02	1.25E-04	1.01E-01	1.35E-02	2.70E-03	2.70E-10	1.35E-03	3.23E-05	2.38E-05	6.62E-05	2.18E-04	1.29E-03	2.06E-05	4.65E-04	2.36E-02	2.19E-03	2.82E-02
2898	NG_1594	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.507	1.30E-01	2.61E-01	Not Modelled	6.69E-02	1.21E-04	9.71E-02	1.31E-02	2.61E-03	2.61E-10	1.31E-03	3.12E-05	2.30E-05	6.40E-05	2.11E-04	1.25E-03	1.99E-05	4.50E-04	2.28E-02	2.12E-03	2.72E-02
2899	NG_1595	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.507	1.27E-01	2.53E-01	Not Modelled	6.54E-02	1.17E-04	9.41E-02	1.27E-02	2.53E-03	2.53E-10	1.27E-03	3.03E-05	2.23E-05	6.21E-05	2.05E-04	1.21E-03	1.93E-05	4.37E-04	2.22E-02	2.05E-03	2.64E-02
2900	NG_1596	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.507	1.22E-01	2.44E-01	Not Modelled	6.32E-02	1.13E-04	9.03E-02	1.22E-02	2.44E-03	2.44E-10	1.22E-03	2.92E-05	2.15E-05	5.98E-05	1.97E-04	1.16E-03	1.86E-05	4.20E-04	2.13E-02	1.98E-03	2.54E-02
2901	NG_1597	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.507	1.16E-01	2.32E-01	Not Modelled	6.03E-02	1.07E-04	8.54E-02	1.16E-02	2.32E-03	2.32E-10	1.16E-03	2.77E-05	2.04E-05	5.68E-05	1.87E-04	1.11E-03	1.77E-05	3.99E-04	2.03E-02	1.88E-03	2.42E-02
2902	NG_1598	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.507	1.09E-01	2.19E-01	Not Modelled	5.70E-02	1.01E-04	8.00E-02	1.09E-02	2.19E-03	2.19E-10	1.09E-03	2.62E-05	1.93E-05	5.36E-05	1.77E-04	1.04E-03	1.67E-05	3.77E-04	1.91E-02	1.77E-03	2.28E-02
2903	NG_1599	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.507	1.03E-01	2.06E-01	Not Modelled	5.37E-02	9.53E-05	7.45E-02	1.03E-02	2.06E-03	2.06E-10	1.03E-03	2.46E-05	1.81E-05	5.05E-05	1.66E-04	9.83E-04	1.57E-05	3.55E-04	1.80E-02	1.67E-03	2.15E-02
2904	NG_1600	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.557	1.04E-01	2.07E-01	Not Modelled	6.37E-02	9.59E-05	8.40E-02	1.04E-02	2.07E-03	2.07E-10	1.04E-03	2.48E-05	1.83E-05	5.08E-05	1.67E-04	9.89E-04	1.58E-05	3.57E-04	1.81E-02	1.68E-03	2.16E-02
2905	NG_1601	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.557	1.11E-01	2.22E-01	Not Modelled	6.77E-02	1.03E-04	8.98E-02	1.11E-02	2.22E-03	2.22E-10	1.11E-03	2.66E-05	1.96E-05	5.44E-05	1.79E-04	1.06E-03	1.69E-05	3.83E-04	1.94E-02	1.80E-03	2.32E-02
2906	NG_1602	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.557	1.19E-01	2.38E-01	Not Modelled	7.19E-02	1.10E-04	9.59E-02	1.19E-02	2.38E-03	2.38E-10	1.19E-03	2.85E-05	2.10E-05	5.84E-05	1.92E-04	1.14E-03	1.82E-05	4.10E-04	2.08E-02	1.93E-03	2.48E-02
2907	NG_1603	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.557	1.29E-01	2.58E-01	Not Modelled	7.71E-02	1.19E-04	1.04E-01	1.29E-02	2.58E-03	2.58E-10	1.29E-03	3.08E-05	2.27E-05	6.32E-05	2.08E-04	1.23E-03	1.97E-05	4.44E-04	2.26E-02	2.09E-03	2.69E-02
2908	NG_1604	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.557	1.41E-01	2.82E-01	Not Modelled	8.36E-02	1.30E-04	1.13E-01	1.41E-02	2.82E-03	2.82E-10	1.41E-03	3.37E-05	2.48E-05	6.91E-05	2.28E-04	1.35E-03	2.15E-05	4.86E-04	2.47E-02	2.29E-03	2.94E-02
2909	NG_1605	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.557	1.53E-01	3.07E-01	Not Modelled	9.03E-02	1.42E-04	1.23E-01	1.53E-02	3.07E-03	3.07E-10	1.53E-03	3.67E-05	2.70E-05	7.52E-05	2.48E-04	1.46E-03	2.34E-05	5.29E-04	2.69E-02	2.49E-03	3.20E-02
2910	NG_1606	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.557	1.67E-01	3.33E-01	Not Modelled	9.73E-02	1.54E-04	1.34E-01	1.67E-02	3.33E-03	3.33E-10	1.67E-03	3.98E-05	2.94E-05	8.17E-05	2.69E-04	1.59E-03	2.54E-05	5.74E-04	2.92E-02	2.70E-03	3.48E-02
2911	NG_1607	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.557	1.83E-01	3.65E-01	Not Modelled	1.06E-01	1.69E-04	1.47E-01	1.83E-02	3.65E-03	3.65E-10	1.83E-03	4.37E-05	3.22E-05	8.96E-05	2.95E-04	1.74E-03	2.79E-05	6.30E-04	3.20E-02	2.96E-03	3.81E-02
2912	NG_1608	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.557	1.98E-01	3.97E-01	Not Modelled	1.15E-01	1.84E-04	1.61E-01	1.98E-02	3.97E-03	3.97E-10	1.98E-03	4.75E-05	3.50E-05	9.73E-05	3.20E-04	1.89E-03	3.03E-05	6.84E-04	3.47E-02	3.22E-03	4.14E-02
2913	NG_1609	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.557	2.12E-01	4.24E-01	Not Modelled	1.22E-01	1.96E-04	1.73E-01	2.12E-02	4.24E-03	4.24E-10	2.12E-03	5.07E-05	3.73E-05	1.04E-04	3.42E-04	2.02E-03	3.23E-05	7.30E-04	3.71E-02	3.44E-03	4.42E-02
2914	NG_1610	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.557	2.22E-01	4.43E-01	Not Modelled	1.28E-01	2.05E-04	1.82E-01	2.22E-02	4.43E-03	4.43E-10	2.22E-03	5.30E-05	3.91E-05	1.09E-04	3.58E-04	2.12E-03	3.38E-05	7.64E-04	3.88E-02	3.59E-03	4.62E-02
2915	NG_1611	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.557	2.29E-01	4.59E-01	Not Modelled	1.33E-01	2.12E-04	1.90E-01	2.29E-02	4.59E-03	4.59E-10	2.30E-03	5.49E-05	4.04E-05	1.13E-04	3.71E-04	2.19E-03	3.50E-05	7.91E-04	4.02E-02	3.72E-03	4.79E-02
2916	NG_1612	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.557	2.32E-01	4.64E-01	Not Modelled	1.35E-01	2.15E-04	1.94E-01	2.32E-02	4.64E-03	4.64E-10	2.32E-03	5.55E-05	4.09E-05	1.14E-04	3.75E-04	2.22E-03	3.54E-05	8.00E-04	4.06E-02	3.77E-03	4.84E-02
2917	NG_1613	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.557	2.32E-01	4.64E-01	Not Modelled	1.35E-01	2.15E-04	1.95E-01	2.32E-02	4.64E-03	4.64E-10	2.32E-03	5.55E-05	4.09E-05	1.14E-04	3.75E-04	2.21E-03	3.54E-05	8.00E-04	4.06E-02	3.76E-03	4.84E-02
2918	NG_1614	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.557	2.28E-01	4.57E-01	Not Modelled	1.32E-01	2.11E-04	1.93E-01	2.28E-02	4.57E-03	4.57E-10	2.28E-03	5.46E-05	4.02E-05	1.12E-04	3.69E-04	2.18E-03	3.49E-05	7.87E-04	4.00E-02	3.70E-03	4.76E-02
2919	NG_1615	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.557	2.21E-01	4.42E-01	Not Modelled	1.27E-01	2.05E-04	1.87E-01	2.21E-02	4.42E-03	4.42E-10	2.21E-03	5.29E-05	3.90E-05	1.08E-04	3.57E-04	2.11E-03	3.38E-05	7.62E-04	3.87E-02	3.59E-03	4.61E-02
2920	NG_1616	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.557	2.13E-01	4.26E-01	Not Modelled	1.21E-01	1.97E-04	1.78E-01	2.13E-02	4.25E-03	4.25E-10	2.13E-03	5.09E-05	3.75E-05	1.04E-04	3.43E-04	2.03E-03	3.25E-05	7.33E-04	3.72E-02	3.45E-03	4.44E-02
2921	NG_1617	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.557	2.05E-01	4.10E-01	Not Modelled	1.14E-01	1.89E-04	1.70E-01	2.05E-02	4.09E-03	4.09E-10	2.05E-03	4.90E-05	3.61E-05	1.00E-04	3.31E-04	1.96E-03	3.13E-05	7.06E-04	3.58E-02	3.32E-03	4.27E-02
2922	NG_1618	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.557	1.96E-01	3.92E-01	Not Modelled	1.07E-01	1.81E-04	1.60E-01	1.96E-02	3.92E-03	3.92E-10	1.96E-03	4.69E-05	3.45E-05	9.61E-05	3.16E-04	1.87E-03	2.99E-05	6.75E-04	3.43E-02	3.18E-03	4.09E-02
2923	NG_1619	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.557	1.85E-01	3.70E-01	Not Modelled	9.78E-02	1.71E-04	1.47E-01	1.85E-02	3.69E-03	3.69E-10	1.85E-03	4.42E-05	3.26E-05	9.06E-05	2.98E-04	1.76E-03	2.82E-05	6.37E-04	3.23E-02	3.00E-03	3.85E-02
2924	NG_1620	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.557	1.75E-01	3.49E-01	Not Modelled	9.03E-02	1.62E-04	1.37E-01	1.75E-02	3.49E-03	3.49E-10	1.75E-03	4.18E-05	3.08E-05	8.56E-05	2.82E-04	1.67E-03	2.67E-05	6.02E-04	3.06E-02	2.83E-03	3.64E-02
2925	NG_1621	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.557	1.65E-01	3.30E-01	Not Modelled	8.38E-02	1.53E-04	1.27E-01	1.65E-02	3.30E-03	3.30E-10	1.65E-03	3.95E-05	2.91E-05	8.09E-05	2.66E-04	1.58E-03	2.52E-05	5.69E-04	2.89E-02	2.68E-03	3.44E-02

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 2 COMMERCIAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							2.370	4.730	0.000	1.320	0.002	2.520	0.237	0.047	0.000	0.024	0.001	0.000	0.001	0.004	0.023	0.000	0.008	0.414	0.038	0.494
Receptor ID of Maximum Offsite Concentration / Deposition Rate							NG_837	NG_837	#N/A	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837
Coordinates of Maximum Offsite Concentration/ Deposition Rate						X	379.464	379.464	#N/A	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464
						Y	6367.607	6367.607	#N/A	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607
2926	NG_1622	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.557	1.56E-01	3.12E-01	Not Modelled	7.83E-02	1.44E-04	1.19E-01	1.56E-02	3.12E-03	3.12E-10	1.56E-03	3.73E-05	2.75E-05	7.65E-05	2.52E-04	1.49E-03	2.38E-05	5.38E-04	2.73E-02	2.53E-03	3.26E-02
2927	NG_1623	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.557	1.48E-01	2.97E-01	Not Modelled	7.38E-02	1.37E-04	1.13E-01	1.48E-02	2.96E-03	2.96E-10	1.48E-03	3.55E-05	2.61E-05	7.27E-05	2.39E-04	1.42E-03	2.26E-05	5.11E-04	2.59E-02	2.40E-03	3.09E-02
2928	NG_1624	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.557	1.41E-01	2.82E-01	Not Modelled	6.99E-02	1.30E-04	1.06E-01	1.41E-02	2.82E-03	2.82E-10	1.41E-03	3.37E-05	2.49E-05	6.91E-05	2.28E-04	1.35E-03	2.15E-05	4.86E-04	2.47E-02	2.29E-03	2.94E-02
2929	NG_1625	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.557	1.36E-01	2.72E-01	Not Modelled	6.74E-02	1.26E-04	1.02E-01	1.36E-02	2.72E-03	2.72E-10	1.36E-03	3.25E-05	2.39E-05	6.66E-05	2.19E-04	1.30E-03	2.07E-05	4.68E-04	2.38E-02	2.20E-03	2.84E-02
2930	NG_1626	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.557	1.34E-01	2.67E-01	Not Modelled	6.65E-02	1.24E-04	1.01E-01	1.34E-02	2.67E-03	2.67E-10	1.34E-03	3.20E-05	2.35E-05	6.55E-05	2.16E-04	1.28E-03	2.04E-05	4.60E-04	2.34E-02	2.17E-03	2.79E-02
2931	NG_1627	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.557	1.33E-01	2.66E-01	Not Modelled	6.65E-02	1.23E-04	1.01E-01	1.33E-02	2.66E-03	2.66E-10	1.33E-03	3.18E-05	2.34E-05	6.52E-05	2.15E-04	1.27E-03	2.03E-05	4.59E-04	2.33E-02	2.16E-03	2.78E-02
2932	NG_1628	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.557	1.33E-01	2.66E-01	Not Modelled	6.65E-02	1.23E-04	1.00E-01	1.33E-02	2.66E-03	2.66E-10	1.33E-03	3.18E-05	2.34E-05	6.52E-05	2.15E-04	1.27E-03	2.03E-05	4.58E-04	2.33E-02	2.16E-03	2.77E-02
2933	NG_1629	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.557	1.34E-01	2.67E-01	Not Modelled	6.70E-02	1.24E-04	1.01E-01	1.34E-02	2.67E-03	2.67E-10	1.34E-03	3.20E-05	2.36E-05	6.55E-05	2.16E-04	1.28E-03	2.04E-05	4.61E-04	2.34E-02	2.17E-03	2.79E-02
2934	NG_1630	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.557	1.35E-01	2.71E-01	Not Modelled	6.82E-02	1.25E-04	1.02E-01	1.35E-02	2.71E-03	2.71E-10	1.36E-03	3.24E-05	2.39E-05	6.64E-05	2.19E-04	1.29E-03	2.07E-05	4.67E-04	2.37E-02	2.20E-03	2.83E-02
2935	NG_1631	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.557	1.36E-01	2.73E-01	Not Modelled	6.89E-02	1.26E-04	1.02E-01	1.36E-02	2.72E-03	2.72E-10	1.36E-03	3.26E-05	2.40E-05	6.68E-05	2.20E-04	1.30E-03	2.08E-05	4.70E-04	2.38E-02	2.21E-03	2.84E-02
2936	NG_1632	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.557	1.36E-01	2.72E-01	Not Modelled	6.91E-02	1.26E-04	1.02E-01	1.36E-02	2.72E-03	2.72E-10	1.36E-03	3.26E-05	2.40E-05	6.68E-05	2.20E-04	1.30E-03	2.08E-05	4.69E-04	2.38E-02	2.21E-03	2.84E-02
2937	NG_1633	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.557	1.34E-01	2.68E-01	Not Modelled	6.81E-02	1.24E-04	9.97E-02	1.34E-02	2.68E-03	2.68E-10	1.34E-03	3.20E-05	2.36E-05	6.56E-05	2.16E-04	1.28E-03	2.04E-05	4.61E-04	2.34E-02	2.17E-03	2.79E-02
2938	NG_1634	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.557	1.30E-01	2.61E-01	Not Modelled	6.66E-02	1.21E-04	9.68E-02	1.30E-02	2.61E-03	2.61E-10	1.30E-03	3.12E-05	2.30E-05	6.40E-05	2.11E-04	1.25E-03	1.99E-05	4.50E-04	2.28E-02	2.12E-03	2.72E-02
2939	NG_1635	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.557	1.26E-01	2.53E-01	Not Modelled	6.48E-02	1.17E-04	9.33E-02	1.26E-02	2.53E-03	2.53E-10	1.26E-03	3.02E-05	2.23E-05	6.20E-05	2.04E-04	1.21E-03	1.93E-05	4.36E-04	2.21E-02	2.05E-03	2.64E-02
2940	NG_1636	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.557	1.23E-01	2.46E-01	Not Modelled	6.33E-02	1.14E-04	9.05E-02	1.23E-02	2.46E-03	2.46E-10	1.23E-03	2.94E-05	2.17E-05	6.03E-05	1.98E-04	1.17E-03	1.88E-05	4.24E-04	2.15E-02	1.99E-03	2.56E-02
2941	NG_1637	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.557	1.19E-01	2.38E-01	Not Modelled	6.15E-02	1.10E-04	8.73E-02	1.19E-02	2.37E-03	2.37E-10	1.19E-03	2.84E-05	2.09E-05	5.82E-05	1.92E-04	1.13E-03	1.81E-05	4.09E-04	2.08E-02	1.93E-03	2.48E-02
2942	NG_1638	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.557	1.14E-01	2.27E-01	Not Modelled	5.91E-02	1.05E-04	8.31E-02	1.14E-02	2.27E-03	2.27E-10	1.14E-03	2.72E-05	2.00E-05	5.57E-05	1.83E-04	1.08E-03	1.73E-05	3.92E-04	1.99E-02	1.84E-03	2.37E-02
2943	NG_1639	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.557	1.08E-01	2.16E-01	Not Modelled	5.64E-02	1.00E-04	7.86E-02	1.08E-02	2.16E-03	2.16E-10	1.08E-03	2.59E-05	1.91E-05	5.30E-05	1.75E-04	1.03E-03	1.65E-05	3.73E-04	1.89E-02	1.75E-03	2.26E-02
2944	NG_1640	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.557	1.03E-01	2.06E-01	Not Modelled	5.37E-02	9.50E-05	7.42E-02	1.03E-02	2.05E-03	2.05E-10	1.03E-03	2.46E-05	1.81E-05	5.04E-05	1.66E-04	9.81E-04	1.57E-05	3.54E-04	1.80E-02	1.67E-03	2.14E-02
2945	NG_1641	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.607	1.01E-01	2.02E-01	Not Modelled	6.17E-02	9.35E-05	8.04E-02	1.01E-02	2.02E-03	2.02E-10	1.01E-03	2.42E-05	1.78E-05	4.95E-05	1.63E-04	9.65E-04	1.54E-05	3.48E-04	1.77E-02	1.64E-03	2.11E-02
2946	NG_1642	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.607	1.08E-01	2.17E-01	Not Modelled	6.56E-02	1.00E-04	8.60E-02	1.08E-02	2.17E-03	2.17E-10	1.08E-03	2.59E-05	1.91E-05	5.32E-05	1.75E-04	1.03E-03	1.65E-05	3.74E-04	1.90E-02	1.76E-03	2.26E-02
2947	NG_1643	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.607	1.17E-01	2.34E-01	Not Modelled	7.02E-02	1.08E-04	9.26E-02	1.17E-02	2.34E-03	2.34E-10	1.17E-03	2.80E-05	2.06E-05	5.74E-05	1.89E-04	1.12E-03	1.79E-05	4.03E-04	2.05E-02	1.90E-03	2.44E-02
2948	NG_1644	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.607	1.28E-01	2.55E-01	Not Modelled	7.60E-02	1.18E-04	1.01E-01	1.28E-02	2.55E-03	2.55E-10	1.28E-03	3.05E-05	2.25E-05	6.26E-05	2.06E-04	1.22E-03	1.95E-05	4.40E-04	2.23E-02	2.07E-03	2.66E-02
2949	NG_1645	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.607	1.39E-01	2.78E-01	Not Modelled	8.20E-02	1.28E-04	1.10E-01	1.39E-02	2.77E-03	2.77E-10	1.39E-03	3.32E-05	2.44E-05	6.80E-05	2.24E-04	1.32E-03	2.12E-05	4.78E-04	2.43E-02	2.25E-03	2.89E-02
2950	NG_1646	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.607	1.51E-01	3.02E-01	Not Modelled	8.86E-02	1.40E-04	1.20E-01	1.51E-02	3.02E-03	3.02E-10	1.51E-03	3.61E-05	2.66E-05	7.40E-05	2.44E-04	1.44E-03	2.30E-05	5.20E-04	2.64E-02	2.45E-03	3.15E-02
2951	NG_1647	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.607	1.63E-01	3.27E-01	Not Modelled	9.53E-02	1.51E-04	1.30E-01	1.63E-02	3.27E-03	3.27E-10	1.63E-03	3.91E-05	2.88E-05	8.01E-05	2.64E-04	1.56E-03	2.49E-05	5.63E-04	2.86E-02	2.65E-03	3.41E-02
2952	NG_1648	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.607	1.78E-01	3.56E-01	Not Modelled	1.03E-01	1.64E-04	1.42E-01	1.78E-02	3.55E-03	3.55E-10	1.78E-03	4.25E-05	3.13E-05	8.71E-05	2.87E-04	1.70E-03	2.71E-05	6.13E-04	3.11E-02	2.88E-03	3.71E-02
2953	NG_1649	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.607	1.90E-01	3.81E-01	Not Modelled	1.10E-01	1.76E-04	1.53E-01	1.90E-02	3.81E-03	3.81E-10	1.91E-03	4.56E-05	3.36E-05	9.34E-05	3.08E-04	1.82E-03	2.91E-05	6.57E-04	3.33E-02	3.09E-03	3.97E-02
2954	NG_1650	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.607	2.02E-01	4.04E-01	Not Modelled	1.17E-01	1.87E-04	1.63E-01	2.02E-02	4.04E-03	4.04E-10	2.02E-03	4.83E-05	3.56E-05	9.90E-05	3.26E-04	1.93E-03	3.08E-05	6.96E-04	3.53E-02	3.27E-03	4.21E-02
2955	NG_1651	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.607	2.10E-01	4.20E-01	Not Modelled	1.21E-01	1.94E-04	1.71E-01	2.10E-02	4.19E-03	4.19E-10	2.10E-03	5.02E-05	3.70E-05	1.03E-04	3.39E-04	2.00E-03	3.20E-05	7.23E-04	3.67E-02	3.40E-03	4.38E-02
2956	NG_1652	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.607	2.14E-01	4.29E-01	Not Modelled	1.24E-01	1.98E-04	1.76E-01	2.14E-02	4.29E-03	4.29E-10	2.15E-03	5.13E-05	3.78E-05	1.05E-04	3.46E-04	2.05E-03	3.27E-05	7.39E-04	3.75E-02	3.48E-03	4.48E-02
2957	NG_1653	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.607	2.16E-01	4.32E-01	Not Modelled	1.25E-01	2.00E-04	1.79E-01	2.16E-02	4.32E-03	4.32E-10	2.16E-03	5.17E-05	3.81E-05	1.06E-04	3.49E-04	2.06E-03	3.30E-05	7.44E-04	3.78E-02	3.50E-03	4.51E-02
2958	NG_1654	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.607	2.14E-01	4.28E-01	Not Modelled	1.24E-01	1.98E-04	1.78E-01	2.14E-02	4.28E-03	4.28E-10	2.14E-03	5.12E-05	3.77E-05	1.05E-04	3.46E-04	2.04E-03	3.27E-05	7.38E-04	3.75E-02	3.47E-03	4.47E-02
2959	NG_1655	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.607	2.10E-01	4.20E-01	Not Modelled	1.22E-01	1.94E-04	1.76E-01	2.10E-02	4.20E-03	4.20E-10	2.10E-03	5.02E-05	3.70E-05	1.03E-04	3.39E-04	2.00E-03	3.21E-05	7.24E-04	3.68E-02	3.41E-03	4.38E-02
2960	NG_1656	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.607	2.03E-01	4.07E-01	Not Modelled	1.17E-01	1.88E-04	1.70E-01	2.03E-02	4.07E-03	4.07E-10	2.04E-03	4.87E-05	3.59E-05	9.98E-05	3.29E-04	1.94E-03	3.11E-05	7.01E-04	3.56E-02	3.30E-03	4.25E-02
2961	NG_1657	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.607	1.96E-01	3.93E-01	Not Modelled	1.11E-01	1.81E-04	1.63E-01	1.96E-02	3.92E-03	3.92E-10	1.96E-03	4.69E-05	3.46E-05	9.62E-05	3.17E-04	1.87E-03	2.99E-05	6.76E-04	3.43E-02	3.18E-03	4.09E-02
2962	NG_1658	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.607	1.88E-01	3.76E-01	Not Modelled	1.05E-01	1.74E-04	1.54E-01	1.88E-02	3.76E-03	3.76E-10	1.88E-03	4.50E-05	3.32E-05	9.23E-05	3.04E-04	1.80E-03	2.87E-05	6.49E-04	3.29E-02	3.05E-03	3.93E-02
2963	NG_1659	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.607	1.80E-01	3.61E-01	Not Modelled	9.83E-02	1.67E-04	1.46E-01	1.81E-02	3.61E-03	3.61E-10	1.81E-03	4.32E-05	3.18E-05	8.85E-05	2.92E-04	1.72E-03	2.76E-05	6.22E-04	3.16E-02	2.93E-03	3.77E-02
2964	NG_1660	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.607	1.72E-01	3.45E-01	Not Modelled	9.17E-02	1.59E-04	1.37E-01	1.72E-02	3.45E-03	3.45E-10	1.72E-03	4.12E-05	3.04E-05	8.45E-05	2.78E-04	1.65E-03	2.63E-05	5.94E-04	3.02E-02	2.80E-03	3.60E-02
2965	NG_1661	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.607	1.64E-01	3.28E-01	Not Modelled	8.55E-02	1.52E-04	1.28E-01	1.64E-02	3.28E-03	3.28E-10	1.64E-03	3.92E-05	2.89E-05	8.04E-05	2.65E-04	1.57E-03	2.50E-05	5.65E-04	2.87E-02	2.66E-03	3.42E-02
2966	NG_1662	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.607	1.55E-01	3.11E-01	Not Modelled	7.95E-02	1.44E-04	1.19E-01	1.55E-02	3.10E-03	3.10E-10	1.55E-03	3.71E-05	2.74E-05	7.61E-05	2.51E-04	1.48E-03	2.37E-05	5.35E-04	2.72E-02	2.52E-03	3.24E-02
2967	NG_1663	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.607	1.47E-01	2.94E-01	Not Modelled	7.43E-02	1.36E-04	1.12E-01	1.47E-02	2.94E-03	2.94E-10	1.47E-03	3.52E-05	2.59E-05	7.21E-05	2.37E-04	1.40E-03	2.24E-05	5.07E-04	2.57E-02	2.38E-03	3.07E-02
2968	NG_1664	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.607	1.39E-01	2.79E-01	Not Modelled	7.00E-02	1.29E-04	1.05E-01	1.39E-02	2.79E-03	2.79E-10	1.39E-03	3.34E-05	2.46E-05	6.84E-05	2.25E-04	1.33E-03	2.13E-05	4.81E-04	2.44E-02	2.26E-03	2.91E-02
2969	NG_1665	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.607	1.33E-01	2.67E-01	Not Modelled	6.66E-02	1.23E-04	1.00E-01	1.33E-02	2.66E-03	2.66E-10	1.33E-03	3.19E-05	2.35E-05	6.53E-05	2.15E-04	1.27E-03	2.03E-05	4.59E-04	2.33E-02	2.16E-03	2.78E-02
2970	NG_1666	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.607	1.28E-01	2.57E-01	Not Modelled	6.42E-02	1.19E-04	9.66E-02	1.28E-02	2.57E-03	2.57E-10	1.28E-03	3.07E-05	2.26E-05	6.30E-05	2.07E-04	1.23E-03	1.96E-05	4.43E-04	2.25E-02	2.08E-03	2.68E-02
2971	NG_1667	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.607	1.25E-01	2.51E-01	Not Modelled	6.27E-02	1.16E-04	9.42E-02	1.25E-02	2.51E-03	2.51E-10	1.25E-03	3.00E-05	2.21E-05	6.15E-05	2.02E-04	1.20E-03	1.91E-05	4.32E-04	2.19E-02	2.03E-03	2.62E-02
2972	NG_1668	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.607	1.24E-01	2.48E-01	Not Modelled	6.22E-02	1.15E-04	9.31E-02	1.24E-02	2.48E-03	2.48E-10	1.24E-03	2.97E-05	2.19E-05	6.08E-05	2.00E-04	1.18E-03	1.89E-05	4.28E-04	2.17E-02	2.01E-03	2.59E-02
2973	NG_1669	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.607	1.24E-01	2.49E-01	Not Modelled	6.25E-02	1.15E-04	9.32E-02	1.24E-02	2.49E-03	2.49E-10	1.24E-03	2.97E-05	2.19E-05	6.09E-05	2.01E-04	1.19E-03	1.90E-05	4.28E-04	2.18E-02	2.02E-03	2.59E-02
2974	NG_1670	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.607	1.26E-01	2.52E-01	Not Modelled	6.34E-02	1.16E-04	9.43E-02	1.26E-02	2.52E-03	2.52E-10	1.26E-03	3.01E-05	2.22E-05	6.17E-05	2.03E-04	1.20E-03	1.92E-05	4.34E-04	2.20E-02	2.04E-03	2.63E-02
2975	NG_1671	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.607	1.27E-01	2.55E-01	Not Modelled	6.44E-02	1.18E-04	9.54E-02	1.27E-02	2.55E-03	2.55E-10	1.27E-03	3.05E-05	2.25E-05	6.25E-05	2.06E-04	1.22E-03	1.95E-05	4.39E-04	2.23E-02	2.07E-03	2.66E-02
2976	NG_1672	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.607	1.29E-01	2.58E-01	Not Modelled	6.53E-02	1.19E-04	9.61E-02	1.29E-02	2.58E-03	2.58E-10	1.29E-03	3.08E-05	2.27E-05	6.32E-05	2.08E-04	1.23E-03	1.97E-05	4.44E-04	2.25E-02	2.09E-03	2.69E-02
2977	NG_1673	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.607	1.29E-01	2.57E-01	Not Modelled	6.53E-02	1.19E-04	9.55E-02	1.29E-02	2.57E-03	2.57E-10	1.29E-03	3.08E-05	2.27E-05	6.31E-05	2.08E-04	1.23E-03	1.96E-05	4.43E-04	2.25E-02	2.09E-03	2.68E-02
2978	NG_1674	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.607	1.28E-01	2.55E-01	Not Modelled	6.49E-02	1.18E-04	9.44E-02	1.28E-02	2.55E-03	2.55E-10	1.28E-03	3.05E-05	2.25E-05	6.26E-05	2.06E-04	1.22E-03	1.95E-05	4.40E-04	2.23E-02	2.07E-03	2.66E-02
2979	NG_1675	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.607	1.25E-01	2.50E-01	Not Modelled	6.39E-02	1.16E-04	9.20E-02	1.25E-02	2.50E-03	2.50E-10	1.25E-03	2.99E-05	2.20E-05	6.13E-05	2.02E-04	1.19E-03	1.91E-05	4.31E-04	2.19E-02	2.03E-03	2.61E-02
2980	NG_1676	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.607	1.23E-01	2.46E-01	Not Modelled	6.32E-02	1.14E-04	9.04E-02	1.23E-02	2.46E-03	2.46E-10	1.23E-03	2.95E-05	2.17E-05	6.04E-05	1.99E-04	1.18E-03	1.88E-05	4.24E-04	2.16E-02	2.00E-03	2.57E-02
2981	NG_1677	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.607	1.20E-01	2.40E-01	Not Modelled	6.19E-02	1.11E-04	8.80E-02	1.20E-02	2.40E-03	2.40E-10	1.20E-03	2.87E-05	2.12E-05	5.89E-05	1.94E-04	1.15E-03	1.83E-05	4.14E-04	2.10E-02	1.95E-03	2.51E-02
2982	NG_1678	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.607	1.16E-01	2.32E-01	Not Modelled	6.02E-02	1.07E-04	8.48E-02	1.16E-02	2.32E-03	2.32E-10	1.16E-03	2.78E-05	2.05E-05	5.70E-05	1.88E-04	1.11E-03	1.77E-05	4.00E-04	2.03E-02	1.88E-03	2.42E-02
2983	NG_1679	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.607	1.12E-01	2.24E-01	Not Modelled	5.83E-02	1.04E-04	8.15E-02	1.12E-02	2.24E-03	2.24E-10	1.12E-03	2.68E-05	1.97E-05	5.49E-05	1.81E-04	1.07E-03	1.71E-05	3.86E-04	1.96E-02	1.82E-03	2.34E-02
2984	NG_1680	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.607	1.08E-01	2.16E-01	Not Modelled	5.64E-02	9.98E-05	7.82E-02	1.08E-02	2.16E-03	2.16E-10	1.08E-03	2.58E-05	1.90E-05	5.29E-05	1.74E-04	1.03E-03	1.65E-05	3.72E-04	1.89E-02	1.75E-03	2.25E-02
2985	NG_1681	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.607	1.04E-01	2.08E-01	Not Modelled	5.45E-02	9.62E-05	7.51E-02	1.04E-02	2.08E-03	2.08E-10	1.04E-03	2.49E-05	1.83E-05	5.10E-05	1.68E-04	9.92E-04	1.59E-05	3.58E-04	1.82E-02	1.69E-03	2.17E-02
1886	NG_582	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.307	3.59E-01	7.17E-01	Not Modelled	1.68E-01	3.32E-04	2.90E-01	3.59E-02	7.17E-03	7.17E-10	3.59E-03	8.58E-05	6.32E-05	1.76E-04	5.79E-04	3.42E-03	5.47E-05	1.24E-03	6.28E-02	5.82E-03	7.48E-02
2008	NG_704	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.457	3.18E-01	6.37E-01	Not Modelled	1.59E-01	2.95E-04	2.80E-01	3.18E-02	6.37E-03	6.37E-10	3.19E-03	7.62E-05	5.61E-05	1.56E-04	5.14E-04	3.04E-03	4.86E-05	1.10E-03	5.57E-02	5.17E-03	6.65E-02
2048	NG_744	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.507	2.85E-01	5.70E-01	Not Modelled	1.44E-01	2.64E-04	2.53E-01	2.85E-02	5.70E-03	5.70E-10	2.85E-03	6.82E-05	5.03E-05	1.40E-04	4.60E-04	2.72E-03	4.35E-05	9.83E-04	4.99E-02	4.63E-03	5.95E-02

AQIA DATA - SCENARIO 2 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
16	SG_16	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6364.500	2.87E-08	5.08E-08	Not Modelled	6.05E-10	2.63E-11	5.44E-07	2.85E-09	5.69E-10	5.69E-17	2.85E-10	6.81E-12	5.02E-12	1.40E-11	4.60E-11	2.72E-10	4.35E-12	9.82E-11	4.99E-09	4.62E-10	5.94E-09
47	SG_47	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6364.700	3.15E-08	5.59E-08	Not Modelled	6.57E-10	2.90E-11	6.00E-07	3.13E-09	6.27E-10	6.27E-17	3.14E-10	7.50E-12	5.52E-12	1.54E-11	5.06E-11	2.99E-10	4.79E-12	1.08E-10	5.49E-09	5.08E-10	6.54E-09
78	SG_78	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6364.900	3.44E-08	6.09E-08	Not Modelled	7.08E-10	3.17E-11	6.51E-07	3.42E-09	6.84E-10	6.84E-17	3.42E-10	8.18E-12	6.03E-12	1.68E-11	5.52E-11	3.27E-10	5.22E-12	1.18E-10	5.99E-09	5.55E-10	7.14E-09
79	SG_79	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6364.900	3.87E-08	6.89E-08	Not Modelled	7.75E-10	3.56E-11	7.19E-07	3.85E-09	7.70E-10	7.70E-17	3.85E-10	9.21E-12	6.79E-12	1.89E-11	6.22E-11	3.68E-10	5.88E-12	1.33E-10	6.74E-09	6.25E-10	8.04E-09
98	SG_98	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6365.100	3.48E-08	5.79E-08	Not Modelled	1.03E-09	2.96E-11	9.42E-07	3.20E-09	6.40E-10	6.40E-17	3.20E-10	7.65E-12	5.64E-12	1.57E-11	5.17E-11	3.05E-10	4.88E-12	1.10E-10	5.60E-09	5.19E-10	6.68E-09
99	SG_99	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6365.100	3.70E-08	5.58E-08	Not Modelled	1.05E-09	2.96E-11	1.05E-06	3.19E-09	6.39E-10	6.39E-17	3.20E-10	7.64E-12	5.63E-12	1.57E-11	5.16E-11	3.05E-10	4.88E-12	1.10E-10	5.59E-09	5.18E-10	6.67E-09
109	SG_109	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.100	3.81E-08	6.75E-08	Not Modelled	7.80E-10	3.51E-11	7.30E-07	3.79E-09	7.59E-10	7.59E-17	3.79E-10	9.08E-12	6.69E-12	1.86E-11	6.13E-11	3.62E-10	5.79E-12	1.31E-10	6.64E-09	6.15E-10	7.92E-09
110	SG_110	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.100	4.35E-08	7.77E-08	Not Modelled	8.68E-10	4.01E-11	8.21E-07	4.34E-09	8.67E-10	8.67E-17	4.34E-10	1.04E-11	7.64E-12	2.13E-11	7.00E-11	4.14E-10	6.62E-12	1.49E-10	7.59E-09	7.03E-10	9.05E-09
140	SG_140	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.300	4.31E-08	7.64E-08	Not Modelled	8.80E-10	3.97E-11	8.54E-07	4.29E-09	8.57E-10	8.57E-17	4.29E-10	1.03E-11	7.56E-12	2.10E-11	6.92E-11	4.09E-10	6.55E-12	1.48E-10	7.51E-09	6.96E-10	8.95E-09
141	SG_141	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.300	4.94E-08	8.79E-08	Not Modelled	9.81E-10	4.54E-11	9.45E-07	4.91E-09	9.81E-10	9.81E-17	4.91E-10	1.17E-11	8.65E-12	2.41E-11	7.92E-11	4.69E-10	7.49E-12	1.69E-10	8.59E-09	7.96E-10	1.02E-08
171	SG_171	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.500	4.86E-08	8.57E-08	Not Modelled	9.90E-10	4.45E-11	9.87E-07	4.81E-09	9.63E-10	9.63E-17	4.82E-10	1.15E-11	8.49E-12	2.36E-11	7.77E-11	4.60E-10	7.35E-12	1.66E-10	8.43E-09	7.81E-10	1.00E-08
172	SG_172	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.500	5.67E-08	1.00E-07	Not Modelled	1.13E-09	5.19E-11	1.12E-06	5.61E-09	1.12E-09	1.12E-16	5.61E-10	1.34E-11	9.88E-12	2.75E-11	9.05E-11	5.35E-10	8.56E-12	1.93E-10	9.82E-09	9.10E-10	1.17E-08
190	SG_190	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6365.700	5.84E-08	9.65E-08	Not Modelled	1.77E-09	4.90E-11	1.62E-06	5.30E-09	1.06E-09	1.06E-16	5.30E-10	1.27E-11	9.34E-12	2.60E-11	8.56E-11	5.06E-10	8.09E-12	1.83E-10	9.28E-09	8.60E-10	1.11E-08
202	SG_202	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6365.700	5.54E-08	9.64E-08	Not Modelled	1.13E-09	5.02E-11	1.18E-06	5.42E-09	1.08E-09	1.08E-16	5.43E-10	1.30E-11	9.56E-12	2.66E-11	8.76E-11	5.18E-10	8.28E-12	1.87E-10	9.50E-09	8.80E-10	1.13E-08
203	SG_203	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.700	6.58E-08	1.14E-07	Not Modelled	1.31E-09	5.91E-11	1.36E-06	6.38E-09	1.28E-09	1.28E-16	6.39E-10	1.53E-11	1.13E-11	3.13E-11	1.03E-10	6.10E-10	9.75E-12	2.20E-10	1.12E-08	1.04E-09	1.33E-08
218	SG_218	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6365.900	5.38E-08	1.01E-07	Not Modelled	1.68E-09	4.94E-11	1.42E-06	5.34E-09	1.07E-09	1.07E-16	5.34E-10	1.28E-11	9.41E-12	2.62E-11	8.62E-11	5.10E-10	8.15E-12	1.84E-10	9.35E-09	8.66E-10	1.11E-08
219	SG_219	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6365.900	5.75E-08	1.06E-07	Not Modelled	1.84E-09	5.21E-11	1.53E-06	5.63E-09	1.13E-09	1.13E-16	5.63E-10	1.35E-11	9.92E-12	2.76E-11	9.09E-11	5.37E-10	8.59E-12	1.94E-10	9.85E-09	9.13E-10	1.17E-08
220	SG_220	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6365.900	6.25E-08	1.10E-07	Not Modelled	2.03E-09	5.48E-11	1.68E-06	5.92E-09	1.18E-09	1.18E-16	5.92E-10	1.42E-11	1.04E-11	2.90E-11	9.56E-11	5.65E-10	9.04E-12	2.04E-10	1.04E-08	9.61E-10	1.24E-08
234	SG_234	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6365.900	7.62E-08	1.23E-07	Not Modelled	1.50E-09	6.50E-11	1.69E-06	7.02E-09	1.40E-09	1.40E-16	7.02E-10	1.68E-11	1.24E-11	3.44E-11	1.13E-10	6.70E-10	1.07E-11	2.42E-10	1.23E-08	1.14E-09	1.47E-08
235	SG_235	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6365.900	8.99E-08	1.38E-07	Not Modelled	1.71E-09	7.40E-11	1.95E-06	8.00E-09	1.60E-09	1.60E-16	8.00E-10	1.91E-11	1.41E-11	3.92E-11	1.29E-10	7.64E-10	1.22E-11	2.76E-10	1.40E-08	1.30E-09	1.67E-08
242	SG_242	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6365.900	2.06E-07	3.50E-07	Not Modelled	5.24E-09	1.76E-10	4.01E-06	1.90E-08	3.80E-09	3.80E-16	1.90E-09	4.55E-11	3.35E-11	9.32E-11	3.07E-10	1.81E-09	2.90E-11	6.55E-10	3.33E-08	3.08E-09	3.97E-08
243	SG_243	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6365.900	2.04E-07	3.74E-07	Not Modelled	5.72E-09	1.84E-10	3.92E-06	1.98E-08	3.97E-09	3.97E-16	1.98E-09	4.75E-11	3.50E-11	9.73E-11	3.20E-10	1.89E-09	3.03E-11	6.84E-10	3.47E-08	3.22E-09	4.14E-08
249	SG_249	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.100	5.49E-08	1.03E-07	Not Modelled	1.77E-09	5.03E-11	1.50E-06	5.43E-09	1.09E-09	1.09E-16	5.44E-10	1.30E-11	9.58E-12	2.66E-11	8.77E-11	5.19E-10	8.29E-12	1.87E-10	9.51E-09	8.82E-10	1.13E-08
250	SG_250	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.100	5.96E-08	1.10E-07	Not Modelled	2.02E-09	5.39E-11	1.62E-06	5.82E-09	1.16E-09	1.16E-16	5.82E-10	1.39E-11	1.03E-11	2.85E-11	9.40E-11	5.55E-10	8.88E-12	2.01E-10	1.02E-08	9.44E-10	1.21E-08
251	SG_251	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.100	6.68E-08	1.18E-07	Not Modelled	2.36E-09	5.86E-11	1.83E-06	6.34E-09	1.27E-09	1.27E-16	6.34E-10	1.52E-11	1.12E-11	3.11E-11	1.02E-10	6.05E-10	9.67E-12	2.18E-10	1.11E-08	1.03E-09	1.32E-08
252	SG_252	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.100	7.34E-08	1.20E-07	Not Modelled	2.52E-09	6.11E-11	2.02E-06	6.60E-09	1.32E-09	1.32E-16	6.60E-10	1.58E-11	1.16E-11	3.24E-11	1.07E-10	6.30E-10	1.01E-11	2.27E-10	1.15E-08	1.07E-09	1.38E-08
265	SG_265	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.100	9.49E-08	1.32E-07	Not Modelled	1.81E-09	7.31E-11	2.37E-06	7.90E-09	1.58E-09	1.58E-16	7.90E-10	1.89E-11	1.39E-11	3.87E-11	1.28E-10	7.54E-10	1.21E-11	2.72E-10	1.38E-08	1.28E-09	1.65E-08
266	SG_266	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.100	1.09E-07	1.39E-07	Not Modelled	1.98E-09	7.96E-11	2.53E-06	8.60E-09	1.72E-09	1.72E-16	8.61E-10	2.06E-11	1.52E-11	4.22E-11	1.39E-10	8.21E-10	1.31E-11	2.97E-10	1.51E-08	1.40E-09	1.80E-08
267	SG_267	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.100	1.28E-07	1.48E-07	Not Modelled	2.27E-09	8.78E-11	2.76E-06	9.49E-09	1.90E-09	1.90E-16	9.49E-10	2.27E-11	1.67E-11	4.66E-11	1.53E-10	9.06E-10	1.45E-11	3.27E-10	1.66E-08	1.54E-09	1.98E-08
268	SG_268	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.100	1.58E-07	1.68E-07	Not Modelled	2.87E-09	1.03E-10	3.16E-06	1.11E-08	2.22E-09	2.22E-16	1.11E-09	2.65E-11	1.96E-11	5.44E-11	1.79E-10	1.06E-09	1.69E-11	3.82E-10	1.94E-08	1.80E-09	2.31E-08
269	SG_269	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.100	1.89E-07	2.08E-07	Not Modelled	3.84E-09	1.24E-10	3.69E-06	1.34E-08	2.68E-09	2.68E-16	1.34E-09	3.21E-11	2.36E-11	6.58E-11	2.17E-10	1.28E-09	2.05E-11	4.63E-10	2.35E-08	2.18E-09	2.80E-08
272	SG_272	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.100	2.29E-07	3.78E-07	Not Modelled	6.49E-09	1.92E-10	4.87E-06	2.07E-08	4.15E-09	4.15E-16	2.07E-09	4.96E-11	3.65E-11	1.02E-10	3.35E-10	1.98E-09	3.17E-11	7.15E-10	3.63E-08	3.36E-09	4.33E-08
273	SG_273	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.100	2.30E-07	4.16E-07	Not Modelled	6.97E-09	2.05E-10	4.81E-06	2.21E-08	4.43E-09	4.43E-16	2.21E-09	5.30E-11	3.90E-11	1.09E-10	3.57E-10	2.11E-09	3.38E-11	7.63E-10	3.87E-08	3.59E-09	4.62E-08
274	SG_274	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.100	2.23E-07	4.18E-07	Not Modelled	7.07E-09	2.04E-10	4.49E-06	2.20E-08	4.41E-09	4.41E-16	2.20E-09	5.27E-11	3.88E-11	1.08E-10	3.56E-10	2.10E-09	3.36E-11	7.60E-10	3.86E-08	3.57E-09	4.60E-08
275	SG_275	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.100	2.22E-07	4.20E-07	Not Modelled	7.19E-09	2.04E-10	4.40E-06	2.20E-08	4.41E-09	4.41E-16	2.20E-09	5.27E-11	3.89E-11	1.08E-10	3.56E-10	2.10E-09	3.37E-11	7.60E-10	3.86E-08	3.58E-09	4.60E-08
276	SG_276	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.100	2.08E-07	3.97E-07	Not Modelled	6.99E-09	1.92E-10	4.08E-06	2.08E-08	4.16E-09	4.16E-16	2.08E-09	4.97E-11	3.66E-11	1.02E-10	3.36E-10	1.99E-09	3.17E-11	7.17E-10	3.64E-08	3.37E-09	4.34E-08
277	SG_277	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.100	2.00E-07	3.82E-07	Not Modelled	6.87E-09	1.85E-10	3.92E-06	2.00E-08	4.00E-09	4.00E-16	2.00E-09	4.78E-11	3.52E-11	9.80E-11	3.23E-10	1.91E-09	3.05E-11	6.89E-10	3.50E-08	3.24E-09	4.17E-08
278	SG_278	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.100	1.89E-07	3.62E-07	Not Modelled	6.64E-09	1.75E-10	3.70E-06	1.89E-08	3.78E-09	3.78E-16	1.89E-09	4.53E-11	3.33E-11	9.28E-11	3.05E-10	1.81E-09	2.89E-11	6.52E-10	3.31E-08	3.07E-09	3.95E-08
280	SG_280	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.300	5.46E-08	1.01E-07	Not Modelled	1.88E-09	4.97E-11	1.58E-06	5.37E-09	1.07E-09	1.07E-16	5.37E-10	1.28E-11	9.46E-12	2.63E-11	8.67E-11	5.12E-10	8.19E-12	1.85E-10	9.40E-09	8.71E-10	1.12E-08
281	SG_281	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.300	5.98E-08	1.09E-07	Not Modelled	2.19E-09	5.36E-11	1.70E-06	5.79E-09	1.16E-09	1.16E-16	5.79E-10	1.39E-11	1.02E-11	2.84E-11	9.35E-11	5.53E-10	8.84E-12	2.00E-10	1.01E-08	9.40E-10	1.21E-08
282	SG_282	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.300	6.79E-08	1.18E-07	Not Modelled	2.61E-09	5.87E-11	1.90E-06	6.35E-09	1.27E-09	1.27E-16	6.35E-10	1.52E-11	1.12E-11	3.11E-11	1.02E-10	6.06E-10	9.69E-12	2.19E-10	1.11E-08	1.03E-09	1.32E-08
283	SG_283	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.300	7.90E-08	1.22E-07	Not Modelled	2.84E-09	6.31E-11	2.14E-06	6.82E-09	1.36E-09	1.36E-16	6.83E-10	1.63E-11	1.20E-11	3.35E-11	1.10E-10	6.51E-10	1.04E-11	2.35E-10	1.19E-08	1.11E-09	1.42E-08
296	SG_296	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.300	9.97E-08	1.32E-07	Not Modelled	1.95E-09	7.47E-11	2.61E-06	8.07E-09	1.61E-09	1.61E-16	8.07E-10	1.93E-11	1.42E-11	3.96E-11	1.30E-10	7.71E-10	1.23E-11	2.78E-10	1.41E-08	1.31E-09	1.68E-08
297	SG_297	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.300	1.22E-07	1.60E-07	Not Modelled	2.41E-09	9.02E-11	3.09E-06	9.75E-09	1.95E-09	1.95E-16	9.75E-10	2.33E-11	1.72E-11	4.78E-11	1.57E-10	9.31E-10	1.49E-11	3.36E-10	1.71E-08	1.58E-09	2.04E-08
298	SG_298	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.300	1.57E-07	1.99E-07	Not Modelled	3.28E-09	1.13E-10	3.72E-06	1.22E-08	2.44E-09	2.44E-16	1.22E-09	2.92E-11	2.15E-11	5.98E-11	1.97E-10	1.17E-09	1.86E-11	4.21E-10	2.14E-08	1.98E-09	2.55E-08
299	SG_299	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.300	2.04E-07	2.67E-07	Not Modelled	5.05E-09	1.48E-10	4.62E-06	1.60E-08	3.20E-09	3.20E-16	1.60E-09	3.83E-11	2.82E-11	7.85E-11	2.58E-10	1.53E-09	2.44E-11	5.52E-10	2.80E-08	2.60E-09	3.34E-08
300	SG_300	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.300	2.36E-07	3.48E-07	Not Modelled	7.44E-09	1.83E-10	5.49E-06	1.98E-08	3.96E-09	3.96E-16	1.98E-09	4.74E-11	3.49E-11	9.72E-11	3.20E-10	1.89E-09	3.03E-11	6.83E-10	3.47E-08	3.22E-09	4.14E-08
301	SG_301	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.300	2.54E-07	4.12E-07	Not Modelled	9.27E-09	2.09E-10	6.13E-06	2.26E-08	4.52E-09	4.52E-16	2.26E-09	5.41E-11	3.99E-11	1.11E-10	3.65E-10	2.16E-09	3.45E-11	7.80E-10	3.96E-08	3.67E-09	4.72E-08
302	SG_302	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.300	2.54E-07	4.41E-07	Not Modelled	9.73E-09	2.19E-10	6.20E-06	2.37E-08	4.74E-09	4.74E-16	2.37E-09	5.67E-11	4.18E-11	1.16E-10	3.83E-10	2.26E-09	3.62E-11	8.17E-10	4.15E-08	3.84E-09	4.94E-08
303	SG_303	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.300	2.52E-07	4.60E-07	Not Modelled	9.54E-09	2.25E-10	6.00E-06	2.44E-08	4.87E-09	4.87E-16	2.44E-09	5.83E-11	4.29E-11	1.19E-10	3.93E-10	2.33E-09	3.72E-11	8.40E-10	4.27E-08	3.95E-09	5.08E-08
304	SG_304	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.300	2.52E-07	4.73E-07	Not Modelled	9.19E-09	2.30E-10	5.70E-06	2.48E-08	4.97E-09	4.97E-16	2.48E-09	5.94E-11	4.38E-11	1.22E-10	4.01E-10	2.37E-09	3.79E-11	8.56E-10	4.35E-08	4.03E-09	5.18E-08
305	SG_305	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.300	2.49E-07	4.74E-07	Not Modelled	8.83E-09	2.30E-10	5.38E-06	2.48E-08	4.96E-09	4.96E-16	2.48E-09	5.94E-11	4.37E-11	1.22E-10	4.01E-10	2.37E-09	3.79E-11	8.55E-10	4.34E-08	4.02E-09	5.18E-08
306	SG_306	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.300	2.37E-07	4.51E-07	Not Modelled	8.34E-09	2.19E-10	4.92E-06	2.36E-08	4.73E-09	4.73E-16	2.37E-09	5.66E-11	4.17E-11	1.16E-10	3.82E-10	2.26E-09	3.61E-11	8.15E-10	4.14E-08	3.84E-09	4.94E-08
307	SG_307	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.300	2.25E-07	4.30E-07	Not Modelled	7.96E-09	2.08E-10	4.60E-06	2.25E-08	4.50E-09	4.50E-16	2.25E-09	5.39E-11	3.97E-11	1.10E-10	3.64E-10	2.15E-09	3.44E-11	7.76E-10	3.94E-08	3.65E-09	4.70E-08
308	SG_308	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.300	2.17E-07	4.15E-07	Not Modelled	7.70E-09	2.00E-10	4.41E-06	2.17E-08	4.33E-09	4.33E-16	2.17E-09	5.18E-11	3.82E-11	1.06E-10	3.50E-10	2.07E-09	3.31E-11	7.47E-10	3.79E-08	3.51E-09	4.52E-08
309	SG_309	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.300	2.02E-07	3.87E-07	Not Modelled	7.27E-09	1.87E-10	4.09E-06	2.02E-08	4.04E-09	4.04E-16	2.02E-09	4.83E-11	3.56E-11	9.90E-11	3.26E-10	1.93E-09	3.08E-11	6.96E-10	3.53E-08	3.27E-09	4.21E-08
310	SG_310	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.300	1.89E-07	3.63E-07	Not Modelled	6.87E-09	1.75E-10	3.81E-06	1.89E-08	3.78E-09	3.78E-16	1.89E-09	4.52E-11	3.33E-11	9.27E-11	3.05E-10	1.80E-09	2.89E-11	6.51E-10	3.31E-08	3.07E-09	3.94E-08
311	SG_311	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.500	5.21E-08	9.43E-08	Not Modelled	1.91E-09	4.68E-11	1.56E-06	5.05E-09	1.01E-09	1.01E-16	5.06E-10	1.21E-11	8.91E-12	2.48E-11	8.16E-11	4.83E-10	7.72E-12	1.74E-10	8.85E-09	8.20E-10	1.06E-08
312	SG_312	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.500	5.64E-08	9.91E-08	Not Modelled	2.23E-09	4.96E-11	1.63E-06	5.36E-09	1.07E-09	1.07E-16	5.36E-10	1.28E-11	9.44E-12	2.63E-11	8.65E-11	5.11E-10	8.18E-12	1.85E-10	9.38E-09	8.69E-10	1.12E-08
313	SG_313	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.500	6.74E-08	1.11E-07	Not Modelled	2.78E-09	5.65E-11	1.95E-06	6.10E-09	1.22E-09	1.22E-16	6.10E-10	1.46E-11	1.08E-11	2.99E-11	9.85E-11	5.83E-10	9.31E-12	2.10E-10	1.07E-08	9.90E-10	1.27E-08
314	SG_314	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.500	8.37E-08	1.15E-07	Not Modelled	3.08E-09	6.24E-11	2.26E-06	6.74E-09	1.35E-09	1.35E-16	6.74E-10	1.61E-11	1.19E-11	3.30E-11	1.09E-10	6.43E-10	1.03E-11	2.32E-10	1.18E-08	1.09E-09	1.41E-08
328	SG_328	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.500	1.70E-07	2.85E-07	Not Modelled	4.16E-09	1.45E-10	4.99E-06	1.57E-08	3.14E-09	3.14E-16	1.57E-09	3.75E-11	2.77E-11	7.70E-11	2.53E-10	1.50E-09	2.40E-11	5.41E-10	2.75E-08	2.55E-09	3.28E-08
329	SG_329	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.500	2.30E-07	3.92E-07	Not Modelled	6.79E-09	1.97E-10	6.41E-06	2.13E-08	4.26E-09	4.26E-16	2.13E-09	5.10E-11	3.76E-11	1.05E-10	3.44E-10	2.03E-09	3.25E-11	7.35E-10	3.73E-08	3.46E-09	4.45E-08
330	SG_330	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.500	2.93E-07	5.13E-07	Not Modelled	1.12E-08	2.54E-10	7.87E-06	2.74E-08	5.48E-09	5.48E-16	2.74E-09	6.56E-11	4.83E-11	1.35E-10	4.43E-10	2.62E-09	4.19E-11	9.46E-10	4.80E-08	4.45E-09	5.72E-08
331	SG_331	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.500	3.14E-07	5.71E-07	Not Modelled	1.58E-08	2.78E-10	8.48E-06	3.01E-08	6.01E-09	6.01E-16	3.01E-09	7.19E-11	5.30E-11	1.47E-10	4.85E-10	2.87E-09	4.59E-11	1.04E-09	5.26E-08	4.88E-09	6.27E-08
332	SG_332	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.500	3.21E-07	5.97E-07	Not Modelled	1.80E-08	2.88E-10	8.92E-06	3.12E-08	6.23E-09	6.23E-16	3.12E-09	7.46E-11	5.49E-11	1.53E-10	5.03E-10	2.98E-09	4.76E-11	1.07E-09	5.46E-08	5.06E-09	6.51E-08
333	SG_333	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.500	3.01E-07	5.66E-07	Not Modelled	1.67E-08	2.73E-10	8.27E-06	2.96E-08	5.91E-09	5.91E-16	2.96E-09	7.07E-11	5.21E-11	1.45E-10	4.77E-10	2.82E-09	4.51E-11	1.02E-09	5.17E-08	4.79E-09	6.17E-08
334	SG_334	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.500	2.84E-07	5.39E-07	Not Modelled	1.42E-08	2.61E-10	7.50E-06	2.82E-08	5.63E-09	5.63E-16	2.82E-09	6.74E-11	4.96E-11	1.38E-10	4.55E-10	2.69E-09	4.30E-11	9.71E-10	4.93E-08	4.57E-09	5.88E-08
335	SG_335	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.500	2.71E-07	5.15E-07	Not Modelled	1.19E-08	2.49E-10	6.63E-06	2.69E-08	5.39E-09	5.39E-16	2.70E-09	6.45E-11	4.75E-11	1.32E-10	4.35E-10	2.57E-09	4.11E-11	9.29E-10	4.72E-08	4.37E-09	5.62E-08
336	SG_336	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.500	2.62E-07	5.00E-07	Not Modelled	1.04E-08	2.42E-10	5.97E-06	2.62E-08	5.24E-09	5.24E-16	2.62E-09	6.27E-11	4.62E-11	1.28E-10	4.23E-10	2.50E-09	4.00E-11	9.03E-10	4.58E-08	4.25E-09	5.46E-08
337	SG_337	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.500	2.62E-07	5.00E-07	Not Modelled	9.65E-09	2.42E-10	5.68E-06	2.61E-08	5.23E-09	5.23E-16	2.61E-09	6.25E-11	4.61E-11	1.28E-10	4.22E-10	2.50E-09	3.99E-11	9.01E-10	4.58E-08	4.24E-09	5.45E-08
338	SG_338	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.500	2.48E-07	4.74E-07	Not Modelled	8.92E-09	2.29E-10	5.20E-06	2.47E-08	4.95E-09	4.95E-16	2.47E-09	5.92E-11	4.36E-11	1.21E-10	3.99E-10	2.36E-09	3.78E-11	8.53E-10	4.33E-08	4.01E-09	5.16E-08
339	SG_339	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.500	2.28E-07	4.36E-07	Not Modelled	8.20E-09	2.11E-10	4.71E-06	2.28E-08	4.55E-09	4.55E-16	2.28E-09	5.45E-11	4.01E-11	1.12E-10	3.68E-10	2.17E-09	3.48E-11	7.85E-10	3.98E-08	3.69E-09	4.75E-08
340	SG_340	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.500	2.08E-07	3.98E-07	Not Modelled	7.53E-09	1.92E-10	4.27E-06	2.07E-08	4.15E-09	4.15E-16	2.07E-09	4.96E-11	3.66E-11	1.02E-10	3.35E-10	1.98E-09	3.17E-11	7.15E-10	3.63E-08	3.36E-09	4.33E-08
341	SG_341	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.500	1.91E-07	3.65E-07	Not Modelled	6.96E-09	1.76E-10	3.91E-06	1.90E-08	3.81E-09	3.81E-16	1.90E-09	4.55E-11	3.35E-11	9.33E-11	3.07E-10	1.82E-09	2.91E-11	6.56E-10	3.33E-08	3.09E-09	3.97E-08
342	SG_342	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.700	5.11E-08	8.95E-08	Not Modelled	1.95E-09	4.51E-11	1.56E-06	4.87E-09	9.74E-10	9.74E-17	4.87E-10	1.16E-11	8.58E-12	2.39E-11	7.86E-11	4.65E-10	7.43E-12	1.68E-10	8.53E-09	7.90E-10	1.02E-08
343	SG_343	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.700	5.51E-08	9.23E-08	Not Modelled	2.26E-09	4.71E-11	1.62E-06	5.09E-09	1.02E-09	1.02E-16	5.09E-10	1.22E-11	8.96E-12	2.49E-11	8.21E-11	4.86E-10	7.76E-12	1.75E-10	8.90E-09	8.25E-10	1.06E-08
344	SG_344	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.700	6.45E-08	9.93E-08	Not Modelled	2.71E-09	5.19E-11	1.87E-06	5.61E-09	1.12E-09	1.12E-16	5.61E-10	1.34E-11	9.89E-12	2.75E-11	9.06E-11	5.36E-10	8.57E-12	1.93E-10	9.82E-09	9.10E-10	1.17E-08
345	SG_345	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.700	7.96E-08	9.99E-08	Not Modelled	2.91E-09	5.63E-11	2.12E-06	6.09E-09	1.22E-09	1.22E-16	6.09E-10	1.46E-11	1.07E-11	2.99E-11	9.83E-11	5.81E-10	9.29E-12	2.10E-10	1.07E-08	9.88E-10	1.27E-08
356	SG_356	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6366.700	1.15E-07	1.95E-07	Not Modelled	3.03E-09	1.01E-10	3.89E-06	1.09E-08	2.18E-09	2.18E-16	1.09E-09	2.61E-11	1.92E-11	5.34E-11	1.76E-10	1.04E-09	1.66E-11	3.75E-10	1.91E-08	1.77E-09	2.27E-08
357	SG_357	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6366.700	1.49E-07	2.61E-07	Not Modelled	3.81E-09	1.32E-10	4.95E-06	1.43E-08	2.85E-09	2.85E-16	1.43E-09	3.42E-11	2.52E-11	7.00E-11	2.31E-10	1.36E-09	2.18E-11	4.92E-10	2.50E-08	2.32E-09	2.98E-08
358	SG_358	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.700	2.04E-07	3.70E-07	Not Modelled	5.26E-09	1.84E-10	6.60E-06	1.99E-08	3.97E-09	3.97E-16	1.99E-09	4.75E-11	3.50E-11	9.74E-11	3.21E-10	1.90E-09	3.03E-11	6.85E-10	3.48E-08	3.22E-09	4.15E-08
359	SG_359	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.700	2.74E-07	5.10E-07	Not Modelled	8.47E-09	2.50E-10	8.40E-06	2.70E-08	5.40E-09	5.40E-16	2.70E-09	6.46E-11	4.76E-11	1.32E-10	4.36E-10	2.58E-09	4.12E-11	9.31E-10	4.73E-08	4.38E-09	5.64E-08
360	SG_360	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.700	3.76E-07	7.13E-07	Not Modelled	1.62E-08	3.44E-10	1.12E-05	3.72E-08	7.44E-09	7.44E-16	3.72E-09	8.91E-11	6.56E-11	1.83E-10	6.01E-10	3.55E-09	5.68E-11	1.28E-09	6.52E-08	6.04E-09	7.77E-08
361	SG_361	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6366.700	4.34E-07	8.30E-07	Not Modelled	2.54E-08	3.98E-10	1.29E-05	4.30E-08	8.59E-09	8.59E-16	4.30E-09	1.03E-10	7.58E-11	2.11E-10	6.94E-10	4.10E-09	6.56E-11	1.48E-09	7.52E-08	6.97E-09	8.97E-08

AQIA DATA - SCENARIO 2 COMMERCIAL

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
362	SG_362	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.700	4.17E-07	8.00E-07	Not Modelled	3.13E-08	3.82E-10	1.27E-05	4.13E-08	8.26E-09	8.26E-16	4.13E-09	9.89E-11	7.28E-11	2.03E-10	6.67E-10	3.94E-09	6.31E-11	1.42E-09	7.23E-08	6.70E-09	8.62E-08
363	SG_363	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.700	3.79E-07	7.29E-07	Not Modelled	3.09E-08	3.49E-10	1.16E-05	3.77E-08	7.53E-09	7.53E-16	3.77E-09	9.01E-11	6.64E-11	1.85E-10	6.08E-10	3.60E-09	5.75E-11	1.30E-09	6.60E-08	6.11E-09	7.86E-08
364	SG_364	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.700	3.47E-07	6.67E-07	Not Modelled	2.59E-08	3.20E-10	1.03E-05	3.46E-08	6.91E-09	6.91E-16	3.46E-09	8.27E-11	6.09E-11	1.70E-10	5.58E-10	3.30E-09	5.28E-11	1.19E-09	6.05E-08	5.61E-09	7.21E-08
365	SG_365	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.700	3.23E-07	6.20E-07	Not Modelled	2.01E-08	2.98E-10	9.05E-06	3.22E-08	6.44E-09	6.44E-16	3.22E-09	7.71E-11	5.68E-11	1.58E-10	5.20E-10	3.08E-09	4.92E-11	1.11E-09	5.64E-08	5.23E-09	6.73E-08
366	SG_366	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6366.700	3.01E-07	5.75E-07	Not Modelled	1.52E-08	2.78E-10	7.74E-06	3.00E-08	6.00E-09	6.00E-16	3.00E-09	7.18E-11	5.29E-11	1.47E-10	4.85E-10	2.87E-09	4.58E-11	1.04E-09	5.26E-08	4.87E-09	6.27E-08
367	SG_367	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6366.700	2.88E-07	5.51E-07	Not Modelled	1.21E-08	2.67E-10	6.77E-06	2.88E-08	5.76E-09	5.76E-16	2.88E-09	6.89E-11	5.08E-11	1.41E-10	4.65E-10	2.75E-09	4.40E-11	9.93E-10	5.04E-08	4.67E-09	6.01E-08
368	SG_368	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.700	2.77E-07	5.29E-07	Not Modelled	1.04E-08	2.56E-10	5.98E-06	2.77E-08	5.53E-09	5.53E-16	2.77E-09	6.62E-11	4.88E-11	1.36E-10	4.47E-10	2.64E-09	4.22E-11	9.54E-10	4.84E-08	4.49E-09	5.77E-08
369	SG_369	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.700	2.59E-07	4.95E-07	Not Modelled	9.24E-09	2.39E-10	5.30E-06	2.59E-08	5.17E-09	5.17E-16	2.59E-09	6.19E-11	4.56E-11	1.27E-10	4.18E-10	2.47E-09	3.95E-11	8.92E-10	4.53E-08	4.19E-09	5.40E-08
370	SG_370	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.700	2.35E-07	4.50E-07	Not Modelled	8.31E-09	2.18E-10	4.75E-06	2.35E-08	4.70E-09	4.70E-16	2.35E-09	5.62E-11	4.14E-11	1.15E-10	3.80E-10	2.24E-09	3.59E-11	8.11E-10	4.12E-08	3.81E-09	4.91E-08
371	SG_371	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.700	2.07E-07	3.97E-07	Not Modelled	7.39E-09	1.92E-10	4.20E-06	2.07E-08	4.14E-09	4.14E-16	2.07E-09	4.96E-11	3.65E-11	1.02E-10	3.35E-10	1.98E-09	3.16E-11	7.14E-10	3.63E-08	3.36E-09	4.32E-08
372	SG_372	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.700	1.86E-07	3.57E-07	Not Modelled	6.72E-09	1.72E-10	3.81E-06	1.86E-08	3.72E-09	3.72E-16	1.86E-09	4.45E-11	3.28E-11	9.13E-11	3.01E-10	1.78E-09	2.84E-11	6.42E-10	3.26E-08	3.02E-09	3.88E-08
373	SG_373	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6366.900	5.17E-08	8.67E-08	Not Modelled	1.99E-09	4.45E-11	1.53E-06	4.80E-09	9.61E-10	9.61E-17	4.81E-10	1.15E-11	8.47E-12	2.36E-11	7.76E-11	4.59E-10	7.34E-12	1.66E-10	8.41E-09	7.80E-10	1.00E-08
374	SG_374	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6366.900	5.73E-08	9.09E-08	Not Modelled	2.34E-09	4.74E-11	1.69E-06	5.12E-09	1.02E-09	1.02E-16	5.12E-10	1.23E-11	9.03E-12	2.51E-11	8.27E-11	4.89E-10	7.82E-12	1.77E-10	8.97E-09	8.31E-10	1.07E-08
375	SG_375	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6366.900	6.61E-08	9.50E-08	Not Modelled	2.66E-09	5.12E-11	1.92E-06	5.53E-09	1.11E-09	1.11E-16	5.53E-10	1.32E-11	9.75E-12	2.71E-11	8.93E-11	5.28E-10	8.44E-12	1.91E-10	9.68E-09	8.97E-10	1.15E-08
376	SG_376	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6366.900	7.96E-08	9.48E-08	Not Modelled	2.79E-09	5.50E-11	2.16E-06	5.94E-09	1.19E-09	1.19E-16	5.94E-10	1.42E-11	1.05E-11	2.91E-11	9.59E-11	5.67E-10	9.07E-12	2.05E-10	1.04E-08	9.64E-10	1.24E-08
384	SG_384	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6366.900	2.18E-07	4.00E-07	Not Modelled	7.83E-09	1.99E-10	8.13E-06	2.15E-08	4.29E-09	4.29E-16	2.15E-09	5.14E-11	3.78E-11	1.05E-10	3.47E-10	2.05E-09	3.28E-11	7.40E-10	3.76E-08	3.48E-09	4.48E-08
385	SG_385	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6366.900	2.06E-07	3.76E-07	Not Modelled	7.19E-09	1.88E-10	8.02E-06	2.03E-08	4.07E-09	4.07E-16	2.04E-09	4.87E-11	3.59E-11	9.98E-11	3.29E-10	1.94E-09	3.11E-11	7.01E-10	3.56E-08	3.30E-09	4.25E-08
386	SG_386	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6366.900	1.84E-07	3.33E-07	Not Modelled	6.06E-09	1.68E-10	7.01E-06	1.82E-08	3.63E-09	3.63E-16	1.82E-09	4.35E-11	3.20E-11	8.91E-11	2.93E-10	1.73E-09	2.77E-11	6.26E-10	3.18E-08	2.95E-09	3.79E-08
387	SG_387	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6366.900	1.76E-07	3.19E-07	Not Modelled	5.40E-09	1.61E-10	6.41E-06	1.74E-08	3.47E-09	3.47E-16	1.74E-09	4.15E-11	3.06E-11	8.52E-11	2.80E-10	1.66E-09	2.65E-11	5.99E-10	3.04E-08	2.82E-09	3.62E-08
388	SG_388	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6366.900	2.42E-07	4.48E-07	Not Modelled	6.98E-09	2.23E-10	8.56E-06	2.41E-08	4.81E-09	4.81E-16	2.41E-09	5.76E-11	4.24E-11	1.18E-10	3.89E-10	2.30E-09	3.67E-11	8.30E-10	4.21E-08	3.90E-09	5.02E-08
389	SG_389	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6366.900	3.47E-07	6.49E-07	Not Modelled	1.03E-08	3.20E-10	1.14E-05	3.45E-08	6.91E-09	6.91E-16	3.46E-09	8.27E-11	6.09E-11	1.69E-10	5.58E-10	3.30E-09	5.28E-11	1.19E-09	6.05E-08	5.60E-09	7.21E-08
390	SG_390	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6366.900	5.11E-07	9.74E-07	Not Modelled	2.17E-08	4.71E-10	1.58E-05	5.09E-08	1.02E-08	1.02E-15	5.10E-09	1.22E-10	8.98E-11	2.50E-10	8.23E-10	4.86E-09	7.78E-11	1.76E-09	8.92E-08	8.26E-09	1.06E-07
391	SG_391	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6366.900	6.40E-07	1.24E-06	Not Modelled	4.31E-08	5.91E-10	2.07E-05	6.39E-08	1.28E-08	1.28E-15	6.39E-09	1.53E-10	1.13E-10	3.13E-10	1.03E-09	6.10E-09	9.75E-11	2.20E-09	1.12E-07	1.04E-08	1.33E-07
393	SG_393	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6366.900	5.19E-07	1.01E-06	Not Modelled	5.26E-08	4.79E-10	1.78E-05	5.18E-08	1.04E-08	1.04E-15	5.18E-09	1.24E-10	9.13E-11	2.54E-10	8.37E-10	4.95E-09	7.91E-11	1.79E-09	9.07E-08	8.40E-09	1.08E-07
394	SG_394	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6366.900	4.40E-07	8.53E-07	Not Modelled	4.44E-08	4.07E-10	1.46E-05	4.40E-08	8.79E-09	8.79E-16	4.40E-09	1.05E-10	7.75E-11	2.16E-10	7.10E-10	4.20E-09	6.72E-11	1.52E-09	7.70E-08	7.13E-09	9.18E-08
395	SG_395	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6366.900	4.01E-07	7.74E-07	Not Modelled	3.41E-08	3.71E-10	1.21E-05	4.01E-08	8.02E-09	8.02E-16	4.01E-09	9.59E-11	7.07E-11	1.97E-10	6.47E-10	3.83E-09	6.12E-11	1.38E-09	7.02E-08	6.50E-09	8.37E-08
396	SG_396	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6366.900	3.74E-07	7.18E-07	Not Modelled	2.48E-08	3.45E-10	1.01E-05	3.73E-08	7.46E-09	7.46E-16	3.73E-09	8.93E-11	6.58E-11	1.83E-10	6.03E-10	3.56E-09	5.70E-11	1.29E-09	6.53E-08	6.05E-09	7.79E-08
399	SG_399	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6366.900	2.96E-07	5.66E-07	Not Modelled	1.06E-08	2.74E-10	5.89E-06	2.96E-08	5.92E-09	5.92E-16	2.96E-09	7.08E-11	5.22E-11	1.45E-10	4.78E-10	2.83E-09	4.52E-11	1.02E-09	5.18E-08	4.80E-09	6.18E-08
400	SG_400	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6366.900	2.70E-07	5.17E-07	Not Modelled	9.07E-09	2.50E-10	5.01E-06	2.70E-08	5.40E-09	5.40E-16	2.70E-09	6.46E-11	4.76E-11	1.32E-10	4.36E-10	2.58E-09	4.12E-11	9.30E-10	4.72E-08	4.38E-09	5.63E-08
401	SG_401	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6366.900	2.41E-07	4.62E-07	Not Modelled	7.99E-09	2.23E-10	4.45E-06	2.41E-08	4.82E-09	4.82E-16	2.41E-09	5.77E-11	4.25E-11	1.18E-10	3.89E-10	2.30E-09	3.68E-11	8.31E-10	4.22E-08	3.91E-09	5.03E-08
402	SG_402	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6366.900	2.07E-07	3.96E-07	Not Modelled	6.98E-09	1.92E-10	3.93E-06	2.07E-08	4.14E-09	4.14E-16	2.07E-09	4.96E-11	3.65E-11	1.02E-10	3.34E-10	1.98E-09	3.16E-11	7.14E-10	3.63E-08	3.36E-09	4.32E-08
403	SG_403	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6366.900	1.78E-07	3.40E-07	Not Modelled	6.13E-09	1.64E-10	3.49E-06	1.78E-08	3.55E-09	3.55E-16	1.78E-09	4.25E-11	3.13E-11	8.71E-11	2.87E-10	1.70E-09	2.71E-11	6.12E-10	3.11E-08	2.88E-09	3.71E-08
404	SG_404	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6367.100	5.48E-08	8.72E-08	Not Modelled	2.03E-09	4.57E-11	1.57E-06	4.94E-09	9.87E-10	9.87E-17	4.94E-10	1.18E-11	8.70E-12	2.42E-11	7.97E-11	4.71E-10	7.54E-12	1.70E-10	8.64E-09	8.01E-10	1.03E-08
405	SG_405	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6367.100	6.23E-08	9.30E-08	Not Modelled	2.40E-09	4.97E-11	1.83E-06	5.37E-09	1.07E-09	1.07E-16	5.38E-10	1.29E-11	9.47E-12	2.64E-11	8.68E-11	5.13E-10	8.20E-12	1.85E-10	9.41E-09	8.72E-10	1.12E-08
406	SG_406	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.100	7.14E-08	9.65E-08	Not Modelled	2.64E-09	5.35E-11	2.06E-06	5.78E-09	1.16E-09	1.16E-16	5.79E-10	1.38E-11	1.02E-11	2.84E-11	9.34E-11	5.52E-10	8.83E-12	1.99E-10	1.01E-08	9.38E-10	1.21E-08
407	SG_407	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6367.100	8.24E-08	9.82E-08	Not Modelled	2.73E-09	5.73E-11	2.26E-06	6.19E-09	1.24E-09	1.24E-16	6.20E-10	1.48E-11	1.09E-11	3.04E-11	1.00E-10	5.91E-10	9.46E-12	2.13E-10	1.08E-08	1.00E-09	1.29E-08
410	SG_410	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6367.100	1.15E-07	1.55E-07	Not Modelled	4.43E-09	8.64E-11	3.48E-06	9.33E-09	1.87E-09	1.87E-16	9.34E-10	2.23E-11	1.65E-11	4.58E-11	1.51E-10	8.91E-10	1.42E-11	3.22E-10	1.63E-08	1.51E-09	1.95E-08
411	SG_411	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6367.100	1.29E-07	2.06E-07	Not Modelled	5.35E-09	1.08E-10	4.21E-06	1.16E-08	2.33E-09	2.33E-16	1.16E-09	2.78E-11	2.05E-11	5.71E-11	1.88E-10	1.11E-09	1.78E-11	4.01E-10	2.04E-08	1.89E-09	2.43E-08
415	SG_415	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.100	3.18E-07	5.97E-07	Not Modelled	1.50E-08	2.93E-10	1.21E-05	3.17E-08	6.34E-09	6.34E-16	3.17E-09	7.58E-11	5.59E-11	1.55E-10	5.12E-10	3.03E-09	4.84E-11	1.09E-09	5.55E-08	5.14E-09	6.62E-08
416	SG_416	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.100	3.81E-07	7.18E-07	Not Modelled	1.78E-08	3.52E-10	1.61E-05	3.80E-08	7.60E-09	7.60E-16	3.80E-09	9.10E-11	6.70E-11	1.86E-10	6.14E-10	3.63E-09	5.81E-11	1.31E-09	6.66E-08	6.17E-09	7.94E-08
417	SG_417	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.100	3.40E-07	6.33E-07	Not Modelled	1.52E-08	3.13E-10	1.47E-05	3.39E-08	6.77E-09	6.77E-16	3.39E-09	8.10E-11	5.97E-11	1.66E-10	5.47E-10	3.23E-09	5.17E-11	1.17E-09	5.93E-08	5.50E-09	7.07E-08
418	SG_418	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6367.100	2.90E-07	5.36E-07	Not Modelled	1.18E-08	2.68E-10	1.15E-05	2.90E-08	5.79E-09	5.79E-16	2.90E-09	6.93E-11	5.11E-11	1.42E-10	4.68E-10	2.77E-09	4.42E-11	9.98E-10	5.07E-08	4.70E-09	6.05E-08
419	SG_419	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6367.100	4.43E-07	8.27E-07	Not Modelled	1.50E-08	4.10E-10	1.64E-05	4.43E-08	8.85E-09	8.85E-16	4.43E-09	1.06E-10	7.80E-11	2.17E-10	7.15E-10	4.23E-09	6.76E-11	1.53E-09	7.75E-08	7.18E-09	9.24E-08
420	SG_420	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6367.100	7.93E-07	1.50E-06	Not Modelled	3.36E-08	7.33E-10	2.63E-05	7.92E-08	1.58E-08	1.58E-15	7.92E-09	1.90E-10	1.40E-10	3.89E-10	1.28E-09	7.57E-09	1.21E-10	2.73E-09	1.39E-07	1.29E-08	1.65E-07
424	SG_424	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6367.100	5.68E-07	1.11E-06	Not Modelled	6.46E-08	5.25E-10	2.10E-05	5.68E-08	1.14E-08	1.14E-15	5.68E-09	1.36E-10	1.00E-10	2.79E-10	9.17E-10	5.42E-09	8.67E-11	1.96E-09	9.94E-08	9.21E-09	1.19E-07
425	SG_425	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.100	4.86E-07	9.39E-07	Not Modelled	4.83E-08	4.49E-10	1.59E-05	4.85E-08	9.70E-09	9.70E-16	4.85E-09	1.16E-10	8.55E-11	2.38E-10	7.84E-10	4.63E-09	7.41E-11	1.67E-09	8.50E-08	7.87E-09	1.01E-07
426	SG_426	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.100	4.64E-07	8.95E-07	Not Modelled	3.53E-08	4.29E-10	1.24E-05	4.64E-08	9.28E-09	9.28E-16	4.64E-09	1.11E-10	8.18E-11	2.28E-10	7.49E-10	4.43E-09	7.09E-11	1.60E-09	8.13E-08	7.53E-09	9.69E-08
427	SG_427	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.100	4.45E-07	8.56E-07	Not Modelled	2.53E-08	4.11E-10	9.98E-06	4.44E-08	8.89E-09	8.89E-16	4.45E-09	1.06E-10	7.83E-11	2.18E-10	7.18E-10	4.24E-09	6.79E-11	1.53E-09	7.78E-08	7.21E-09	9.28E-08
428	SG_428	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.100	3.94E-07	7.56E-07	Not Modelled	1.77E-08	3.65E-10	7.97E-06	3.94E-08	7.88E-09	7.88E-16	3.94E-09	9.43E-11	6.94E-11	1.93E-10	6.36E-10	3.76E-09	6.02E-11	1.36E-09	6.90E-08	6.39E-09	8.22E-08
429	SG_429	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.100	3.41E-07	6.52E-07	Not Modelled	1.27E-08	3.16E-10	6.34E-06	3.41E-08	6.82E-09	6.82E-16	3.41E-09	8.16E-11	6.01E-11	1.67E-10	5.51E-10	3.26E-09	5.21E-11	1.18E-09	5.97E-08	5.53E-09	7.12E-08
430	SG_430	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.100	3.13E-07	5.99E-07	Not Modelled	1.01E-08	2.90E-10	5.28E-06	3.13E-08	6.26E-09	6.26E-16	3.13E-09	7.49E-11	5.52E-11	1.54E-10	5.06E-10	2.99E-09	4.78E-11	1.08E-09	5.48E-08	5.08E-09	6.53E-08
431	SG_431	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.100	2.85E-07	5.45E-07	Not Modelled	8.60E-09	2.64E-10	4.50E-06	2.85E-08	5.70E-09	5.70E-16	2.85E-09	6.82E-11	5.02E-11	1.40E-10	4.60E-10	2.72E-09	4.35E-11	9.82E-10	4.99E-08	4.62E-09	5.95E-08
432	SG_432	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.100	2.50E-07	4.79E-07	Not Modelled	7.45E-09	2.31E-10	3.98E-06	2.50E-08	5.00E-09	5.00E-16	2.50E-09	5.98E-11	4.41E-11	1.23E-10	4.04E-10	2.39E-09	3.82E-11	8.62E-10	4.38E-08	4.06E-09	5.22E-08
433	SG_433	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6367.100	2.10E-07	4.00E-07	Not Modelled	6.39E-09	1.94E-10	3.51E-06	2.09E-08	4.19E-09	4.19E-16	2.10E-09	5.01E-11	3.69E-11	1.03E-10	3.38E-10	2.00E-09	3.20E-11	7.22E-10	3.67E-08	3.40E-09	4.37E-08
434	SG_434	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.100	1.72E-07	3.28E-07	Not Modelled	5.44E-09	1.59E-10	3.06E-06	1.72E-08	3.44E-09	3.44E-16	1.72E-09	4.11E-11	3.03E-11	8.43E-11	2.78E-10	1.64E-09	2.62E-11	5.93E-10	3.01E-08	2.79E-09	3.59E-08
435	SG_435	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6367.300	5.93E-08	8.94E-08	Not Modelled	2.04E-09	4.79E-11	1.66E-06	5.17E-09	1.03E-09	1.03E-16	5.18E-10	1.24E-11	9.12E-12	2.54E-11	8.36E-11	4.94E-10	7.90E-12	1.78E-10	9.06E-09	8.39E-10	1.08E-08
436	SG_436	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6367.300	6.63E-08	9.32E-08	Not Modelled	2.28E-09	5.13E-11	1.83E-06	5.54E-09	1.11E-09	1.11E-16	5.54E-10	1.33E-11	9.77E-12	2.72E-11	8.95E-11	5.29E-10	8.46E-12	1.91E-10	9.70E-09	8.99E-10	1.16E-08
437	SG_437	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.300	7.41E-08	9.82E-08	Not Modelled	2.45E-09	5.53E-11	2.01E-06	5.98E-09	1.20E-09	1.20E-16	5.98E-10	1.43E-11	1.05E-11	2.93E-11	9.66E-11	5.71E-10	9.13E-12	2.06E-10	1.05E-08	9.70E-10	1.25E-08
441	SG_441	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6367.300	1.12E-07	1.80E-07	Not Modelled	5.10E-09	9.46E-11	3.65E-06	1.02E-08	2.04E-09	2.04E-16	1.02E-09	2.45E-11	1.80E-11	5.01E-11	1.65E-10	9.76E-10	1.56E-11	3.52E-10	1.79E-08	1.66E-09	2.13E-08
446	SG_446	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.300	3.45E-07	6.44E-07	Not Modelled	2.37E-08	3.19E-10	1.42E-05	3.45E-08	6.89E-09	6.89E-16	3.45E-09	8.24E-11	6.08E-11	1.69E-10	5.57E-10	3.29E-09	5.26E-11	1.19E-09	6.03E-08	5.59E-09	7.19E-08
447	SG_447	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.300	5.56E-07	1.05E-06	Not Modelled	3.52E-08	5.14E-10	2.31E-05	5.55E-08	1.11E-08	1.11E-15	5.55E-09	1.33E-10	9.78E-11	2.72E-10	8.96E-10	5.30E-09	8.47E-11	1.91E-09	9.72E-08	9.01E-09	1.16E-07
448	SG_448	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.300	8.06E-07	1.53E-06	Not Modelled	5.10E-08	7.46E-10	3.64E-05	8.06E-08	1.61E-08	1.61E-15	8.07E-09	1.93E-10	1.42E-10	3.95E-10	1.30E-09	7.70E-09	1.23E-10	2.78E-09	1.41E-07	1.31E-08	1.68E-07
450	SG_450	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6367.300	1.21E-06	2.28E-06	Not Modelled	7.80E-08	1.12E-09	4.95E-05	1.21E-07	2.42E-08	2.42E-15	1.21E-08	2.89E-10	2.13E-10	5.93E-10	1.95E-09	1.15E-08	1.85E-10	4.17E-09	2.12E-07	1.96E-08	2.52E-07
456	SG_456	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.300	5.02E-07	9.67E-07	Not Modelled	3.83E-08	4.65E-10	1.38E-05	5.02E-08	1.00E-08	1.00E-15	5.02E-09	1.20E-10	8.85E-11	2.46E-10	8.11E-10	4.80E-09	7.67E-11	1.73E-09	8.79E-08	8.15E-09	1.05E-07
457	SG_457	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.300	5.11E-07	9.81E-07	Not Modelled	2.80E-08	4.72E-10	1.06E-05	5.10E-08	1.02E-08	1.02E-15	5.11E-09	1.22E-10	9.00E-11	2.50E-10	8.24E-10	4.87E-09	7.79E-11	1.76E-09	8.94E-08	8.28E-09	1.07E-07
458	SG_458	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.300	4.95E-07	9.52E-07	Not Modelled	2.09E-08	4.58E-10	8.48E-06	4.95E-08	9.90E-09	9.90E-16	4.95E-09	1.18E-10	8.73E-11	2.43E-10	7.99E-10	4.73E-09	7.56E-11	1.71E-09	8.67E-08	8.03E-09	1.03E-07
459	SG_459	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.300	4.46E-07	8.56E-07	Not Modelled	1.56E-08	4.13E-10	7.03E-06	4.46E-08	8.92E-09	8.92E-16	4.46E-09	1.07E-10	7.86E-11	2.19E-10	7.20E-10	4.26E-09	6.81E-11	1.54E-09	7.81E-08	7.23E-09	9.31E-08
460	SG_460	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.300	3.93E-07	7.54E-07	Not Modelled	1.20E-08	3.64E-10	5.95E-06	3.93E-08	7.86E-09	7.86E-16	3.93E-09	9.41E-11	6.93E-11	1.93E-10	6.35E-10	3.75E-09	6.00E-11	1.36E-09	6.88E-08	6.38E-09	8.21E-08
461	SG_461	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.300	3.37E-07	6.45E-07	Not Modelled	9.44E-09	3.12E-10	4.74E-06	3.37E-08	6.74E-09	6.74E-16	3.37E-09	8.06E-11	5.94E-11	1.65E-10	5.44E-10	3.22E-09	5.15E-11	1.16E-09	5.90E-08	5.47E-09	7.03E-08
462	SG_462	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.300	3.03E-07	5.81E-07	Not Modelled	8.07E-09	2.81E-10	4.07E-06	3.03E-08	6.07E-09	6.07E-16	3.03E-09	7.26E-11	5.35E-11	1.49E-10	4.90E-10	2.90E-09	4.63E-11	1.05E-09	5.31E-08	4.92E-09	6.33E-08
463	SG_463	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.300	2.62E-07	5.01E-07	Not Modelled	6.91E-09	2.42E-10	3.53E-06	2.62E-08	5.23E-09	5.23E-16	2.62E-09	6.26E-11	4.61E-11	1.28E-10	4.23E-10	2.50E-09	4.00E-11	9.02E-10	4.58E-08	4.25E-09	5.46E-08
464	SG_464	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6367.300	2.12E-07	4.05E-07	Not Modelled	5.74E-09	1.96E-10	3.00E-06	2.12E-08	4.24E-09	4.24E-16	2.12E-09	5.08E-11	3.74E-11	1.04E-10	3.43E-10	2.03E-09	3.24E-11	7.32E-10	3.72E-08	3.44E-09	4.43E-08
465	SG_465	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.300	1.71E-07	3.26E-07	Not Modelled	4.81E-09	1.58E-10	2.60E-06	1.71E-08	3.42E-09	3.42E-16	1.71E-09	4.10E-11	3.02E-11	8.40E-11	2.77E-10	1.64E-09	2.62E-11	5.90E-10	3.00E-08	2.78E-09	3.57E-08
466	SG_466	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6367.500	6.12E-08	8.74E-08	Not Modelled	1.90E-09	4.80E-11	1.63E-06	5.19E-09	1.04E-09	1.04E-16	5.19E-10	1.24E-11	9.15E-12	2.55E-11	8.38E-11	4.96E-10	7.93E-12	1.79E-10	9.09E-09	8.42E-10	1.08E-08
475	SG_475	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6367.500	1.94E-07	3.57E-07	Not Modelled	1.30E-08	1.79E-10	7.94E-06	1.93E-08	3.87E-09	3.87E-16	1.93E-09	4.63E-11	3.41E-11	9.48E-11	3.12E-10	1.85E-09	2.95E-11	6.67E-10	3.39E-08	3.14E-09	4.04E-08
476	SG_476	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6367.500	2.57E-07	4.76E-07	Not Modelled	2.00E-08	2.37E-10	1.15E-05	2.56E-08	5.12E-09	5.12E-16	2.56E-09	6.13E-11	4.52E-11	1.26E-10	4.14E-10	2.45E-09	3.91E-11	8.83E-10	4.49E-08	4.16E-09	5.35E-08
477	SG_477	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.500	3.67E-07	6.79E-07	Not Modelled	3.01E-08	3.39E-10	1.67E-05	3.67E-08	7.34E-09	7.34E-16	3.67E-09	8.78E-11	6.47E-11	1.80E-10	5.92E-10	3.50E-09	5.60E-11	1.26E-09	6.42E-08	5.95E-09	7.66E-08
478	SG_478	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.500	6.27E-07	1.15E-06	Not Modelled	5.01E-08	5.80E-10	2.83E-05	6.27E-08	1.25E-08	1.25E-15	6.27E-09	1.50E-10	1.10E-10	3.07E-10	1.01E-09	5.98E-09	9.57E-11	2.16E-09	1.10E-07	1.02E-08	1.31E-07
479	SG_479	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.500	1.30E-06	2.41E-06	Not Modelled	1.24E-07	1.21E-09	6.56E-05	1.30E-07	2.61E-08	2.61E-15	1.31E-08	3.12E-10	2.30E-10	6.40E-10	2.11E-09	1.25E-08	1.99E-10	4.50E-09	2.28E-07	2.12E-08	2.72E-07
487	SG_487	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.500	5.08E-07	9.72E-07	Not Modelled	2.42E-08	4.70E-10	1.03E-05	5.08E-08	1.02E-08	1.02E-15	5.08E-09	1.22E-10	8.96E-11	2.49E-10	8.21E-10	4.85E-09	7.76E-11	1.75E-09	8.90E-08	8.24E-09	1.06E-07
488	SG_488	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.500	5.17E-07	9.89E-07	Not Modelled	1.87E-08	4.78E-10	7.99E-06	5.17E-08	1.03E-08	1.03E-15	5.17E-09	1.24E-10	9.11E-11	2.54E-10	8.35E-10	4.94E-09	7.89E-11	1.78E-09	9.05E-08	8.39E-09	1.08E-07
489	SG_489	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.500	4.94E-07	9.44E-07	Not Modelled	1.50E-08	4.57E-10	6.66E-06	4.94E-08	9.87E-09	9.87E-16	4.94E-09	1.18E-10	8.70E-11	2.42E-10	7.97E-10	4.71E-09	7.54E-11	1.70E-09	8.64E-08	8.01E-09	1.03E-07
490	SG_490	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.500	4.71E-07	9.04E-07	Not Modelled	1.27E-08	4.36E-10	6.12E-06	4.71E-08	9.42E-09	9.42E-16	4.71E-09	1.13E-10	8.31E-11	2.31E-10	7.61E-10	4.50E-09	7.19E-11	1.62E-09	8.25E-08	7.64E-09	9.83E-08
491	SG_491	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.500	4.03E-07	7.72E-07	Not Modelled	1.02E-08	3.73E-10	5.06E-06	4.03E-08	8.06E-09	8.06E-16	4.03E-09	9.64E-11	7.11E-11	1.98E-10	6.51E-10	3.85E-09	6.16E-11	1.39E-09	7.06E-08	6.54E-09	8.41E-08
492	SG_492	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.500	3.33E-07	6.34E-07	Not Modelled	8.11E-09	3.08E-10	3.94E-06	3.32E-08	6.65E-09	6.65E-16	3.32E-09	7.95E-11	5.86E-11	1.63E-10	5.37E-10	3.17E-09	5.08E-11	1.15E-09	5.82E-08	5.39E-09	6.94E-08

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 2 COMMERCIAL

Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
493	SG_493	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.500	2.97E-07	5.67E-07	Not Modelled	7.06E-09	2.74E-10	3.42E-06	2.97E-08	5.93E-09	5.93E-16	2.97E-09	7.10E-11	5.23E-11	1.45E-10	4.79E-10	2.83E-09	4.53E-11	1.02E-09	5.19E-08	4.81E-09	6.19E-08
494	SG_494	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.500	2.58E-07	4.92E-07	Not Modelled	6.11E-09	2.38E-10	2.97E-06	2.57E-08	5.15E-09	5.15E-16	2.58E-09	6.16E-11	4.54E-11	1.26E-10	4.16E-10	2.46E-09	3.93E-11	8.87E-10	4.51E-08	4.18E-09	5.37E-08
495	SG_495	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6367.500	2.14E-07	4.08E-07	Not Modelled	5.16E-09	1.98E-10	2.54E-06	2.14E-08	4.28E-09	4.28E-16	2.14E-09	5.12E-11	3.77E-11	1.05E-10	3.45E-10	2.04E-09	3.27E-11	7.37E-10	3.74E-08	3.47E-09	4.46E-08
496	SG_496	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.500	1.78E-07	3.38E-07	Not Modelled	4.40E-09	1.64E-10	2.24E-06	1.78E-08	3.55E-09	3.55E-16	1.78E-09	4.25E-11	3.13E-11	8.71E-11	2.87E-10	1.70E-09	2.71E-11	6.12E-10	3.11E-08	2.88E-09	3.71E-08
499	SG_499	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.700	7.62E-08	1.12E-07	Not Modelled	2.22E-09	6.15E-11	2.02E-06	6.65E-09	1.33E-09	1.33E-16	6.65E-10	1.59E-11	1.17E-11	3.26E-11	1.07E-10	6.35E-10	1.02E-11	2.29E-10	1.16E-08	1.08E-09	1.39E-08
504	SG_504	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6367.700	1.37E-07	2.43E-07	Not Modelled	7.04E-09	1.25E-10	4.78E-06	1.35E-08	2.69E-09	2.69E-16	1.35E-09	3.22E-11	2.38E-11	6.61E-11	2.18E-10	1.29E-09	2.06E-11	4.65E-10	2.36E-08	2.19E-09	2.81E-08
505	SG_505	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6367.700	1.60E-07	2.90E-07	Not Modelled	9.77E-09	1.47E-10	6.17E-06	1.59E-08	3.18E-09	3.18E-16	1.59E-09	3.81E-11	2.81E-11	7.80E-11	2.57E-10	1.52E-09	2.43E-11	5.49E-10	2.79E-08	2.58E-09	3.32E-08
506	SG_506	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6367.700	1.96E-07	3.59E-07	Not Modelled	1.38E-08	1.81E-10	8.20E-06	1.95E-08	3.90E-09	3.90E-16	1.95E-09	4.67E-11	3.44E-11	9.57E-11	3.15E-10	1.86E-09	2.98E-11	6.73E-10	3.42E-08	3.17E-09	4.07E-08
507	SG_507	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6367.700	2.55E-07	4.70E-07	Not Modelled	2.00E-08	2.36E-10	1.13E-05	2.55E-08	5.10E-09	5.10E-16	2.55E-09	6.10E-11	4.49E-11	1.25E-10	4.12E-10	2.43E-09	3.89E-11	8.79E-10	4.46E-08	4.14E-09	5.32E-08
508	SG_508	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.700	3.69E-07	6.77E-07	Not Modelled	2.89E-08	3.42E-10	1.63E-05	3.69E-08	7.38E-09	7.38E-16	3.69E-09	8.83E-11	6.51E-11	1.81E-10	5.96E-10	3.52E-09	5.64E-11	1.27E-09	6.46E-08	5.99E-09	7.70E-08
509	SG_509	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.700	6.38E-07	1.16E-06	Not Modelled	4.55E-08	5.90E-10	2.80E-05	6.38E-08	1.28E-08	1.28E-15	6.38E-09	1.53E-10	1.12E-10	3.13E-10	1.03E-09	6.09E-09	9.73E-11	2.20E-09	1.12E-07	1.03E-08	1.33E-07
510	SG_510	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.700	1.24E-06	2.28E-06	Not Modelled	1.03E-07	1.15E-09	6.24E-05	1.24E-07	2.48E-08	2.48E-15	1.24E-08	2.97E-10	2.19E-10	6.08E-10	2.00E-09	1.18E-08	1.89E-10	4.27E-09	2.17E-07	2.01E-08	2.59E-07
511	SG_511	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6367.700	2.62E-06	4.89E-06	Not Modelled	3.68E-07	2.42E-09	1.64E-04	2.62E-07	5.23E-08	5.23E-15	2.62E-08	6.26E-10	4.61E-10	1.28E-09	4.22E-09	2.50E-08	3.99E-10	9.02E-09	4.58E-07	4.24E-08	5.46E-07
518	SG_518	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.700	4.85E-07	9.20E-07	Not Modelled	1.48E-08	4.48E-10	7.55E-06	4.85E-08	9.69E-09	9.69E-16	4.85E-09	1.16E-10	8.54E-11	2.38E-10	7.83E-10	4.63E-09	7.40E-11	1.67E-09	8.49E-08	7.86E-09	1.01E-07
519	SG_519	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.700	4.83E-07	9.16E-07	Not Modelled	1.23E-08	4.46E-10	6.01E-06	4.83E-08	9.65E-09	9.65E-16	4.83E-09	1.15E-10	8.51E-11	2.37E-10	7.79E-10	4.61E-09	7.37E-11	1.66E-09	8.45E-08	7.83E-09	1.01E-07
520	SG_520	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.700	4.49E-07	8.53E-07	Not Modelled	1.06E-08	4.16E-10	5.13E-06	4.49E-08	8.98E-09	8.98E-16	4.49E-09	1.07E-10	7.92E-11	2.20E-10	7.25E-10	4.29E-09	6.86E-11	1.55E-09	7.86E-08	7.29E-09	9.37E-08
521	SG_521	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.700	4.16E-07	7.91E-07	Not Modelled	9.39E-09	3.84E-10	4.65E-06	4.15E-08	8.31E-09	8.31E-16	4.16E-09	9.94E-11	7.32E-11	2.04E-10	6.71E-10	3.97E-09	6.34E-11	1.43E-09	7.27E-08	6.74E-09	8.67E-08
522	SG_522	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.700	3.75E-07	7.14E-07	Not Modelled	8.25E-09	3.47E-10	4.14E-06	3.75E-08	7.49E-09	7.49E-16	3.75E-09	8.96E-11	6.60E-11	1.84E-10	6.05E-10	3.58E-09	5.72E-11	1.29E-09	6.56E-08	6.08E-09	7.82E-08
523	SG_523	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.700	3.30E-07	6.30E-07	Not Modelled	7.18E-09	3.06E-10	3.57E-06	3.30E-08	6.61E-09	6.61E-16	3.30E-09	7.90E-11	5.82E-11	1.62E-10	5.33E-10	3.15E-09	5.04E-11	1.14E-09	5.78E-08	5.36E-09	6.90E-08
524	SG_524	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.700	2.84E-07	5.41E-07	Not Modelled	6.17E-09	2.62E-10	2.97E-06	2.84E-08	5.67E-09	5.67E-16	2.84E-09	6.78E-11	5.00E-11	1.39E-10	4.58E-10	2.71E-09	4.33E-11	9.77E-10	4.96E-08	4.60E-09	5.92E-08
525	SG_525	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.700	2.54E-07	4.85E-07	Not Modelled	5.54E-09	2.35E-10	2.66E-06	2.54E-08	5.07E-09	5.07E-16	2.54E-09	6.07E-11	4.47E-11	1.24E-10	4.10E-10	2.42E-09	3.87E-11	8.75E-10	4.44E-08	4.12E-09	5.29E-08
527	SG_527	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6367.700	1.85E-07	3.52E-07	Not Modelled	4.18E-09	1.71E-10	2.02E-06	1.85E-08	3.69E-09	3.69E-16	1.85E-09	4.42E-11	3.26E-11	9.06E-11	2.98E-10	1.76E-09	2.82E-11	6.37E-10	3.23E-08	3.00E-09	3.86E-08
530	SG_530	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6367.900	7.91E-08	1.22E-07	Not Modelled	2.18E-09	6.64E-11	2.01E-06	7.17E-09	1.43E-09	1.43E-16	7.18E-10	1.72E-11	1.26E-11	3.52E-11	1.16E-10	6.85E-10	1.10E-11	2.47E-10	1.26E-08	1.16E-09	1.50E-08
531	SG_531	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6367.900	9.01E-08	1.45E-07	Not Modelled	2.55E-09	7.83E-11	2.27E-06	8.46E-09	1.69E-09	1.69E-16	8.46E-10	2.02E-11	1.49E-11	4.15E-11	1.37E-10	8.08E-10	1.29E-11	2.92E-10	1.48E-08	1.37E-09	1.77E-08
535	SG_535	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6367.900	1.50E-07	2.64E-07	Not Modelled	7.03E-09	1.37E-10	4.64E-06	1.48E-08	2.97E-09	2.97E-16	1.48E-09	3.55E-11	2.61E-11	7.28E-11	2.40E-10	1.42E-09	2.27E-11	5.11E-10	2.60E-08	2.41E-09	3.10E-08
536	SG_536	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6367.900	1.70E-07	3.04E-07	Not Modelled	9.56E-09	1.57E-10	5.84E-06	1.69E-08	3.39E-09	3.39E-16	1.70E-09	4.05E-11	2.99E-11	8.31E-11	2.74E-10	1.62E-09	2.59E-11	5.84E-10	2.97E-08	2.75E-09	3.54E-08
537	SG_537	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6367.900	2.04E-07	3.67E-07	Not Modelled	1.29E-08	1.88E-10	7.52E-06	2.03E-08	4.06E-09	4.06E-16	2.03E-09	4.86E-11	3.58E-11	9.96E-11	3.28E-10	1.94E-09	3.10E-11	7.00E-10	3.55E-08	3.29E-09	4.24E-08
538	SG_538	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6367.900	2.59E-07	4.67E-07	Not Modelled	1.74E-08	2.39E-10	9.80E-06	2.59E-08	5.17E-09	5.17E-16	2.59E-09	6.19E-11	4.56E-11	1.27E-10	4.18E-10	2.47E-09	3.95E-11	8.92E-10	4.53E-08	4.20E-09	5.40E-08
539	SG_539	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6367.900	3.71E-07	6.64E-07	Not Modelled	2.41E-08	3.43E-10	1.38E-05	3.71E-08	7.42E-09	7.42E-16	3.71E-09	8.88E-11	6.54E-11	1.82E-10	5.99E-10	3.54E-09	5.67E-11	1.28E-09	6.50E-08	6.02E-09	7.75E-08
540	SG_540	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6367.900	6.01E-07	1.07E-06	Not Modelled	3.41E-08	5.56E-10	2.20E-05	6.01E-08	1.20E-08	1.20E-15	6.02E-09	1.44E-10	1.06E-10	2.95E-10	9.71E-10	5.74E-09	9.18E-11	2.07E-09	1.05E-07	9.75E-09	1.25E-07
541	SG_541	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6367.900	9.97E-07	1.78E-06	Not Modelled	5.89E-08	9.22E-10	3.81E-05	9.97E-08	1.99E-08	1.99E-15	9.97E-09	2.38E-10	1.76E-10	4.89E-10	1.61E-09	9.52E-09	1.52E-10	3.44E-09	1.75E-07	1.62E-08	2.08E-07
542	SG_542	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6367.900	1.41E-06	2.59E-06	Not Modelled	1.45E-07	1.30E-09	6.47E-05	1.41E-07	2.81E-08	2.81E-15	1.41E-08	3.37E-10	2.48E-10	6.90E-10	2.27E-09	1.34E-08	2.15E-10	4.85E-09	2.46E-07	2.28E-08	2.94E-07
549	SG_549	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6367.900	4.71E-07	8.87E-07	Not Modelled	1.08E-08	4.36E-10	6.13E-06	4.71E-08	9.42E-09	9.42E-16	4.71E-09	1.13E-10	8.30E-11	2.31E-10	7.60E-10	4.50E-09	7.19E-11	1.62E-09	8.24E-08	7.64E-09	9.83E-08
550	SG_550	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6367.900	4.65E-07	8.79E-07	Not Modelled	9.76E-09	4.30E-10	5.31E-06	4.64E-08	9.29E-09	9.29E-16	4.65E-09	1.11E-10	8.19E-11	2.28E-10	7.50E-10	4.43E-09	7.09E-11	1.60E-09	8.13E-08	7.53E-09	9.69E-08
551	SG_551	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6367.900	4.21E-07	7.98E-07	Not Modelled	8.62E-09	3.90E-10	4.55E-06	4.21E-08	8.42E-09	8.42E-16	4.21E-09	1.01E-10	7.42E-11	2.07E-10	6.80E-10	4.02E-09	6.43E-11	1.45E-09	7.37E-08	6.83E-09	8.79E-08
552	SG_552	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6367.900	3.81E-07	7.23E-07	Not Modelled	7.77E-09	3.53E-10	4.05E-06	3.81E-08	7.62E-09	7.62E-16	3.81E-09	9.12E-11	6.72E-11	1.87E-10	6.15E-10	3.64E-09	5.82E-11	1.31E-09	6.67E-08	6.18E-09	7.95E-08
553	SG_553	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6367.900	3.35E-07	6.36E-07	Not Modelled	6.86E-09	3.10E-10	3.48E-06	3.35E-08	6.70E-09	6.70E-16	3.35E-09	8.02E-11	5.91E-11	1.64E-10	5.41E-10	3.20E-09	5.12E-11	1.16E-09	5.87E-08	5.44E-09	7.00E-08
554	SG_554	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6367.900	3.03E-07	5.77E-07	Not Modelled	6.22E-09	2.80E-10	3.11E-06	3.03E-08	6.06E-09	6.06E-16	3.03E-09	7.25E-11	5.34E-11	1.49E-10	4.89E-10	2.89E-09	4.63E-11	1.05E-09	5.31E-08	4.92E-09	6.33E-08
555	SG_555	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6367.900	2.74E-07	5.23E-07	Not Modelled	5.67E-09	2.54E-10	2.79E-06	2.74E-08	5.48E-09	5.48E-16	2.74E-09	6.56E-11	4.83E-11	1.34E-10	4.43E-10	2.62E-09	4.19E-11	9.45E-10	4.80E-08	4.45E-09	5.72E-08
556	SG_556	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6367.900	2.45E-07	4.68E-07	Not Modelled	5.12E-09	2.27E-10	2.47E-06	2.45E-08	4.90E-09	4.90E-16	2.45E-09	5.86E-11	4.32E-11	1.20E-10	3.96E-10	2.34E-09	3.74E-11	8.45E-10	4.29E-08	3.98E-09	5.12E-08
563	SG_563	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6368.100	1.22E-07	2.06E-07	Not Modelled	3.17E-09	1.10E-10	2.72E-06	1.19E-08	2.37E-09	2.37E-16	1.19E-09	2.84E-11	2.09E-11	5.82E-11	1.92E-10	1.13E-09	1.81E-11	4.09E-10	2.08E-08	1.92E-09	2.48E-08
566	SG_566	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6368.100	1.77E-07	3.08E-07	Not Modelled	6.72E-09	1.63E-10	4.39E-06	1.76E-08	3.52E-09	3.52E-16	1.76E-09	4.21E-11	3.10E-11	8.63E-11	2.84E-10	1.68E-09	2.69E-11	6.07E-10	3.08E-08	2.86E-09	3.67E-08
567	SG_567	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.100	1.95E-07	3.40E-07	Not Modelled	8.82E-09	1.79E-10	5.34E-06	1.94E-08	3.88E-09	3.88E-16	1.94E-09	4.64E-11	3.42E-11	9.51E-11	3.13E-10	1.85E-09	2.96E-11	6.68E-10	3.39E-08	3.14E-09	4.05E-08
568	SG_568	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.100	2.28E-07	3.98E-07	Not Modelled	1.15E-08	2.10E-10	6.68E-06	2.27E-08	4.54E-09	4.54E-16	2.27E-09	5.44E-11	4.01E-11	1.11E-10	3.67E-10	2.17E-09	3.47E-11	7.83E-10	3.98E-08	3.69E-09	4.74E-08
569	SG_569	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.100	2.93E-07	5.10E-07	Not Modelled	1.51E-08	2.70E-10	8.77E-06	2.92E-08	5.84E-09	5.84E-16	2.92E-09	6.99E-11	5.15E-11	1.43E-10	4.72E-10	2.79E-09	4.46E-11	1.01E-09	5.11E-08	4.74E-09	6.10E-08
570	SG_570	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.100	4.12E-07	7.07E-07	Not Modelled	1.92E-08	3.81E-10	1.10E-05	4.12E-08	8.23E-09	8.23E-16	4.12E-09	9.85E-11	7.26E-11	2.02E-10	6.65E-10	3.93E-09	6.28E-11	1.42E-09	7.21E-08	6.68E-09	8.59E-08
571	SG_571	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.100	7.22E-07	1.24E-06	Not Modelled	2.68E-08	6.68E-10	1.61E-05	7.21E-08	1.44E-08	1.44E-15	7.22E-09	1.73E-10	1.27E-10	3.54E-10	1.17E-09	6.89E-09	1.10E-10	2.49E-09	1.26E-07	1.17E-08	1.51E-07
572	SG_572	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.100	1.36E-06	2.40E-06	Not Modelled	4.71E-08	1.26E-09	2.78E-05	1.36E-07	2.72E-08	2.72E-15	1.36E-08	3.25E-10	2.40E-10	6.67E-10	2.20E-09	1.30E-08	2.08E-10	4.69E-09	2.38E-07	2.21E-08	2.84E-07
574	SG_574	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.100	1.05E-06	1.81E-06	Not Modelled	4.60E-08	9.71E-10	2.13E-05	1.05E-07	2.10E-08	2.10E-15	1.05E-08	2.51E-10	1.85E-10	5.15E-10	1.70E-09	1.00E-08	1.60E-10	3.62E-09	1.84E-07	1.70E-08	2.19E-07
576	SG_576	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.100	7.31E-07	1.32E-06	Not Modelled	2.06E-08	6.76E-10	1.28E-05	7.31E-08	1.46E-08	1.46E-15	7.31E-09	1.75E-10	1.29E-10	3.58E-10	1.18E-09	6.98E-09	1.12E-10	2.52E-09	1.28E-07	1.19E-08	1.53E-07
578	SG_578	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.100	4.85E-07	8.88E-07	Not Modelled	9.99E-09	4.48E-10	6.29E-06	4.85E-08	9.69E-09	9.69E-16	4.85E-09	1.16E-10	8.54E-11	2.38E-10	7.83E-10	4.63E-09	7.40E-11	1.67E-09	8.48E-08	7.86E-09	1.01E-07
579	SG_579	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.100	4.56E-07	8.44E-07	Not Modelled	9.05E-09	4.22E-10	5.54E-06	4.56E-08	9.12E-09	9.12E-16	4.56E-09	1.09E-10	8.03E-11	2.24E-10	7.36E-10	4.35E-09	6.96E-11	1.57E-09	7.98E-08	7.39E-09	9.51E-08
580	SG_580	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.100	4.44E-07	8.31E-07	Not Modelled	8.64E-09	4.11E-10	5.03E-06	4.44E-08	8.88E-09	8.88E-16	4.44E-09	1.06E-10	7.83E-11	2.18E-10	7.17E-10	4.24E-09	6.78E-11	1.53E-09	7.78E-08	7.21E-09	9.27E-08
581	SG_581	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.100	4.38E-07	8.25E-07	Not Modelled	8.38E-09	4.05E-10	4.81E-06	4.37E-08	8.75E-09	8.75E-16	4.38E-09	1.05E-10	7.71E-11	2.15E-10	7.06E-10	4.18E-09	6.68E-11	1.51E-09	7.66E-08	7.10E-09	9.13E-08
582	SG_582	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.100	3.80E-07	7.16E-07	Not Modelled	7.28E-09	3.51E-10	3.94E-06	3.80E-08	7.59E-09	7.59E-16	3.80E-09	9.08E-11	6.69E-11	1.86E-10	6.13E-10	3.62E-09	5.80E-11	1.31E-09	6.64E-08	6.16E-09	7.92E-08
583	SG_583	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.100	3.51E-07	6.64E-07	Not Modelled	6.80E-09	3.24E-10	3.62E-06	3.51E-08	7.01E-09	7.01E-16	3.51E-09	8.39E-11	6.18E-11	1.72E-10	5.66E-10	3.35E-09	5.35E-11	1.21E-09	6.14E-08	5.69E-09	7.32E-08
584	SG_584	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.100	3.28E-07	6.25E-07	Not Modelled	6.44E-09	3.04E-10	3.41E-06	3.28E-08	6.56E-09	6.56E-16	3.28E-09	7.85E-11	5.78E-11	1.61E-10	5.30E-10	3.13E-09	5.01E-11	1.13E-09	5.75E-08	5.32E-09	6.85E-08
585	SG_585	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.100	2.93E-07	5.58E-07	Not Modelled	5.82E-09	2.71E-10	2.99E-06	2.93E-08	5.86E-09	5.86E-16	2.93E-09	7.01E-11	5.16E-11	1.44E-10	4.73E-10	2.80E-09	4.47E-11	1.01E-09	5.13E-08	4.75E-09	6.11E-08
586	SG_586	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.100	2.68E-07	5.11E-07	Not Modelled	5.39E-09	2.48E-10	2.72E-06	2.68E-08	5.36E-09	5.36E-16	2.68E-09	6.41E-11	4.72E-11	1.31E-10	4.33E-10	2.56E-09	4.09E-11	9.24E-10	4.69E-08	4.35E-09	5.59E-08
587	SG_587	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.100	2.34E-07	4.46E-07	Not Modelled	4.76E-09	2.16E-10	2.30E-06	2.34E-08	4.67E-09	4.67E-16	2.34E-09	5.59E-11	4.12E-11	1.15E-10	3.77E-10	2.23E-09	3.57E-11	8.05E-10	4.09E-08	3.79E-09	4.88E-08
588	SG_588	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.100	2.05E-07	3.91E-07	Not Modelled	4.24E-09	1.90E-10	1.98E-06	2.05E-08	4.10E-09	4.10E-16	2.05E-09	4.91E-11	3.62E-11	1.01E-10	3.31E-10	1.96E-09	3.13E-11	7.07E-10	3.59E-08	3.33E-09	4.28E-08
596	SG_596	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6368.300	2.01E-07	3.46E-07	Not Modelled	4.94E-09	1.84E-10	3.38E-06	1.99E-08	3.98E-09	3.98E-16	1.99E-09	4.76E-11	3.50E-11	9.75E-11	3.21E-10	1.90E-09	3.04E-11	6.85E-10	3.48E-08	3.23E-09	4.15E-08
598	SG_598	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.300	2.33E-07	3.98E-07	Not Modelled	7.93E-09	2.14E-10	4.76E-06	2.32E-08	4.63E-09	4.63E-16	2.32E-09	5.54E-11	4.08E-11	1.14E-10	3.74E-10	2.21E-09	3.54E-11	7.99E-10	4.06E-08	3.76E-09	4.84E-08
599	SG_599	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.300	2.71E-07	4.62E-07	Not Modelled	9.93E-09	2.50E-10	5.84E-06	2.70E-08	5.41E-09	5.41E-16	2.70E-09	6.47E-11	4.77E-11	1.33E-10	4.37E-10	2.58E-09	4.13E-11	9.32E-10	4.73E-08	4.39E-09	5.64E-08
600	SG_600	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.300	3.46E-07	5.86E-07	Not Modelled	1.22E-08	3.20E-10	6.98E-06	3.45E-08	6.91E-09	6.91E-16	3.46E-09	8.26E-11	6.09E-11	1.69E-10	5.58E-10	3.30E-09	5.27E-11	1.19E-09	6.05E-08	5.60E-09	7.21E-08
601	SG_601	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.300	5.10E-07	8.65E-07	Not Modelled	1.61E-08	4.72E-10	8.78E-06	5.10E-08	1.02E-08	1.02E-15	5.10E-09	1.22E-10	8.99E-11	2.50E-10	8.23E-10	4.87E-09	7.78E-11	1.76E-09	8.93E-08	8.27E-09	1.06E-07
602	SG_602	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.300	9.01E-07	1.56E-06	Not Modelled	2.56E-08	8.33E-10	1.35E-05	9.00E-08	1.80E-08	1.80E-15	9.01E-09	2.15E-10	1.59E-10	4.41E-10	1.45E-09	8.59E-09	1.37E-10	3.10E-09	1.58E-07	1.46E-08	1.88E-07
603	SG_603	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.300	1.45E-06	2.56E-06	Not Modelled	4.02E-08	1.34E-09	2.08E-05	1.45E-07	2.90E-08	2.90E-15	1.45E-08	3.47E-10	2.56E-10	7.12E-10	2.34E-09	1.39E-08	2.22E-10	5.00E-09	2.54E-07	2.35E-08	3.03E-07
604	SG_604	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.300	1.42E-06	2.44E-06	Not Modelled	4.26E-08	1.31E-09	2.05E-05	1.42E-07	2.83E-08	2.83E-15	1.42E-08	3.39E-10	2.50E-10	6.94E-10	2.29E-09	1.35E-08	2.16E-10	4.88E-09	2.48E-07	2.30E-08	2.96E-07
605	SG_605	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.300	1.10E-06	1.88E-06	Not Modelled	2.97E-08	1.02E-09	1.34E-05	1.10E-07	2.20E-08	2.20E-15	1.10E-08	2.64E-10	1.94E-10	5.40E-10	1.78E-09	1.05E-08	1.68E-10	3.80E-09	1.93E-07	1.79E-08	2.30E-07
606	SG_606	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.300	9.17E-07	1.60E-06	Not Modelled	2.10E-08	8.48E-10	1.09E-05	9.17E-08	1.83E-08	1.83E-15	9.17E-09	2.19E-10	1.62E-10	4.50E-10	1.48E-09	8.75E-09	1.40E-10	3.16E-09	1.60E-07	1.49E-08	1.91E-07
607	SG_607	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.300	8.51E-07	1.53E-06	Not Modelled	1.80E-08	7.88E-10	1.05E-05	8.51E-08	1.70E-08	1.70E-15	8.52E-09	2.04E-10	1.50E-10	4.17E-10	1.37E-09	8.13E-09	1.30E-10	2.93E-09	1.49E-07	1.38E-08	1.78E-07
608	SG_608	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.300	6.87E-07	1.25E-06	Not Modelled	1.38E-08	6.36E-10	7.97E-06	6.87E-08	1.37E-08	1.37E-15	6.88E-09	1.64E-10	1.21E-10	3.37E-10	1.11E-09	6.56E-09	1.05E-10	2.37E-09	1.20E-07	1.12E-08	1.43E-07
609	SG_609	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.300	5.31E-07	9.69E-07	Not Modelled	1.01E-08	4.91E-10	5.75E-06	5.31E-08	1.06E-08	1.06E-15	5.31E-09	1.27E-10	9.35E-11	2.60E-10	8.57E-10	5.07E-09	8.10E-11	1.83E-09	9.29E-08	8.61E-09	1.11E-07
610	SG_610	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.300	4.41E-07	8.09E-07	Not Modelled	7.95E-09	4.08E-10	4.56E-06	4.41E-08	8.82E-09	8.82E-16	4.41E-09	1.06E-10	7.77E-11	2.16E-10	7.12E-10	4.21E-09	6.73E-11	1.52E-09	7.72E-08	7.15E-09	9.20E-08
611	SG_611	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.300	3.98E-07	7.36E-07	Not Modelled	7.08E-09	3.68E-10	4.07E-06	3.97E-08	7.95E-09	7.95E-16	3.98E-09	9.51E-11	7.01E-11	1.95E-10	6.42E-10	3.79E-09	6.07E-11	1.37E-09	6.96E-08	6.45E-09	8.29E-08
612	SG_612	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.300	3.62E-07	6.75E-07	Not Modelled	6.55E-09	3.35E-10	3.68E-06	3.62E-08	7.23E-09	7.23E-16	3.62E-09	8.66E-11	6.38E-11	1.77E-10	5.84E-10	3.45E-09	5.52E-11	1.25E-09	6.33E-08	5.87E-09	7.55E-08
613	SG_613	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.300	3.35E-07	6.30E-07	Not Modelled	6.20E-09	3.10E-10	3.39E-06	3.35E-08	6.71E-09	6.71E-16	3.35E-09	8.02E-11	5.91E-11	1.64E-10	5.41E-10	3.20E-09	5.12E-11	1.16E-09	5.87E-08	5.44E-09	7.00E-08
614	SG_614	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.300	3.16E-07	5.96E-07	Not Modelled	5.94E-09	2.92E-10	3.19E-06	3.16E-08	6.31E-09	6.31E-16	3.16E-09	7.55E-11	5.56E-11	1.55E-10	5.10E-10	3.01E-09	4.82E-11	1.09E-09	5.53E-08	5.12E-09	6.59E-08
615	SG_615	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.300	3.06E-07	5.81E-07	Not Modelled	5.84E-09	2.83E-10	3.13E-06	3.05E-08	6.11E-09	6.11E-16	3.06E-09	7.31E-11	5.38E-11	1.50E-10	4.93E-10	2.92E-09	4.66E-11	1.05E-09	5.35E-08	4.96E-09	6.38E-08
616	SG_616	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.300	2.71E-07	5.16E-07	Not Modelled	5.25E-09	2.51E-10	2.68E-06	2.71E-08	5.43E-09	5.43E-16	2.71E-09	6.49E-11	4.78E-11	1.33E-10	4.38E-10	2.59E-09	4.14E-11	9.35E-10	4.75E-08	4.40E-09	5.66E-08
617	SG_617	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.300	2.48E-07	4.72E-07	Not Modelled	4.86E-09	2.29E-10	2.41E-06	2.48E-08	4.95E-09	4.95E-16	2.48E-09	5.93E-11	4.37E-11	1.22E-10	4.00E-10	2.37E-09	3.78E-11	8.54E-10	4.34E-08	4.02E-09	5.17E-08
618	SG_618	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.300	2.35E-07	4.48E-07	Not Modelled	4.65E-09	2.17E-10	2.29E-06	2.34E-08	4.69E-09	4.69E-16	2.35E-09	5.61E-11	4.13E-11	1.15E-10	3.79E-10	2.24E-09	3.58E-11	8.08E-10	4.10E-08	3.80E-09	4.89E-08
619	SG_619	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.300	2.06E-07	3.94E-07	Not Modelled	4.15E-09	1.91E-10	1.95E-06	2.06E-08	4.12E-09	4.12E-16	2.06E-09	4.93E-11	3.63E-11	1.01E-10	3.33E-10	1.97E-09	3.15E-11	7.11E-10	3.61E-08	3.34E-09	4.30E-08
620	SG_620	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.300	1.94E-07	3.71E-07	Not Modelled	3.95E-09	1.79E-10	1.85E-06	1.94E-08	3.87E-09	3.87E-16	1.94E-09	4.63E-11	3.41E-11	9.49E-11	3.13E-10	1.85E-09	2.96E-11	6.67E-10	3.39E-08	3.14E-09	4.04E-08

AQIA DATA - SCENARIO 2 COMMERCIAL

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Receptor ID of Maximum Offsite Concentration / Deposition Rate							NG_837	NG_837	#N/A	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837
Coordinates of Maximum Offsite Concentration/ Deposition Rate						X	379.464	379.464	#N/A	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464
						Y	6367.607	6367.607	#N/A	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607
628	SG_628	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6368.500	2.50E-07	4.26E-07	Not Modelled	5.71E-09	2.30E-10	3.56E-06	2.48E-08	4.96E-09	4.96E-16	2.48E-09	5.94E-11	4.37E-11	1.22E-10	4.01E-10	2.37E-09	3.79E-11	8.55E-10	4.34E-08	4.03E-09	5.18E-08
629	SG_629	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.500	2.76E-07	4.67E-07	Not Modelled	6.93E-09	2.54E-10	4.15E-06	2.74E-08	5.48E-09	5.48E-16	2.74E-09	6.56E-11	4.83E-11	1.34E-10	4.43E-10	2.62E-09	4.19E-11	9.45E-10	4.80E-08	4.45E-09	5.72E-08
630	SG_630	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.500	3.25E-07	5.49E-07	Not Modelled	8.31E-09	2.99E-10	4.77E-06	3.24E-08	6.47E-09	6.47E-16	3.24E-09	7.74E-11	5.70E-11	1.59E-10	5.22E-10	3.09E-09	4.94E-11	1.12E-09	5.66E-08	5.25E-09	6.75E-08
631	SG_631	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.500	4.35E-07	7.42E-07	Not Modelled	1.08E-08	4.02E-10	5.93E-06	4.34E-08	8.68E-09	8.68E-16	4.34E-09	1.04E-10	7.65E-11	2.13E-10	7.01E-10	4.14E-09	6.62E-11	1.50E-09	7.60E-08	7.04E-09	9.06E-08
632	SG_632	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.500	6.36E-07	1.10E-06	Not Modelled	1.56E-08	5.88E-10	8.05E-06	6.35E-08	1.27E-08	1.27E-15	6.35E-09	1.52E-10	1.12E-10	3.11E-10	1.03E-09	6.06E-09	9.70E-11	2.19E-09	1.11E-07	1.03E-08	1.33E-07
633	SG_633	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.500	9.69E-07	1.70E-06	Not Modelled	2.43E-08	8.96E-10	1.18E-05	9.68E-08	1.94E-08	1.94E-15	9.69E-09	2.32E-10	1.71E-10	4.75E-10	1.56E-09	9.25E-09	1.48E-10	3.34E-09	1.70E-07	1.57E-08	2.02E-07
634	SG_634	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.500	1.21E-06	2.12E-06	Not Modelled	3.22E-08	1.12E-09	1.43E-05	1.21E-07	2.43E-08	2.43E-15	1.21E-08	2.90E-10	2.14E-10	5.95E-10	1.96E-09	1.16E-08	1.85E-10	4.18E-09	2.13E-07	1.97E-08	2.53E-07
635	SG_635	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.500	1.15E-06	1.97E-06	Not Modelled	3.19E-08	1.07E-09	1.30E-05	1.15E-07	2.31E-08	2.31E-15	1.15E-08	2.76E-10	2.03E-10	5.65E-10	1.86E-09	1.10E-08	1.76E-10	3.97E-09	2.02E-07	1.87E-08	2.41E-07
636	SG_636	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.500	9.69E-07	1.65E-06	Not Modelled	2.39E-08	8.96E-10	9.70E-06	9.69E-08	1.94E-08	1.94E-15	9.69E-09	2.32E-10	1.71E-10	4.75E-10	1.56E-09	9.25E-09	1.48E-10	3.34E-09	1.70E-07	1.57E-08	2.02E-07
637	SG_637	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.500	7.92E-07	1.37E-06	Not Modelled	1.69E-08	7.33E-10	7.64E-06	7.92E-08	1.58E-08	1.58E-15	7.92E-09	1.89E-10	1.40E-10	3.88E-10	1.28E-09	7.56E-09	1.21E-10	2.73E-09	1.39E-07	1.28E-08	1.65E-07
638	SG_638	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.500	7.14E-07	1.27E-06	Not Modelled	1.43E-08	6.61E-10	7.22E-06	7.14E-08	1.43E-08	1.43E-15	7.15E-09	1.71E-10	1.26E-10	3.50E-10	1.15E-09	6.82E-09	1.09E-10	2.46E-09	1.25E-07	1.16E-08	1.49E-07
639	SG_639	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.500	6.50E-07	1.18E-06	Not Modelled	1.28E-08	6.01E-10	6.89E-06	6.49E-08	1.30E-08	1.30E-15	6.50E-09	1.55E-10	1.14E-10	3.19E-10	1.05E-09	6.20E-09	9.92E-11	2.24E-09	1.14E-07	1.05E-08	1.36E-07
640	SG_640	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.500	5.47E-07	1.00E-06	Not Modelled	1.06E-08	5.06E-10	5.88E-06	5.47E-08	1.09E-08	1.09E-15	5.47E-09	1.31E-10	9.64E-11	2.68E-10	8.83E-10	5.22E-09	8.35E-11	1.88E-09	9.57E-08	8.87E-09	1.14E-07
641	SG_641	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.500	4.37E-07	8.03E-07	Not Modelled	8.25E-09	4.04E-10	4.56E-06	4.37E-08	8.73E-09	8.73E-16	4.37E-09	1.04E-10	7.70E-11	2.14E-10	7.05E-10	4.17E-09	6.67E-11	1.51E-09	7.64E-08	7.08E-09	9.11E-08
642	SG_642	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.500	3.60E-07	6.64E-07	Not Modelled	6.61E-09	3.33E-10	3.65E-06	3.60E-08	7.20E-09	7.20E-16	3.60E-09	8.62E-11	6.35E-11	1.77E-10	5.82E-10	3.44E-09	5.50E-11	1.24E-09	6.31E-08	5.84E-09	7.52E-08
643	SG_643	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.500	3.09E-07	5.70E-07	Not Modelled	5.60E-09	2.85E-10	3.04E-06	3.08E-08	6.17E-09	6.17E-16	3.09E-09	7.38E-11	5.44E-11	1.51E-10	4.98E-10	2.94E-09	4.71E-11	1.06E-09	5.40E-08	5.00E-09	6.44E-08
644	SG_644	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.500	2.88E-07	5.36E-07	Not Modelled	5.28E-09	2.66E-10	2.87E-06	2.87E-08	5.75E-09	5.75E-16	2.88E-09	6.88E-11	5.07E-11	1.41E-10	4.64E-10	2.75E-09	4.39E-11	9.91E-10	5.03E-08	4.66E-09	6.00E-08
645	SG_645	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.500	2.70E-07	5.07E-07	Not Modelled	5.00E-09	2.50E-10	2.66E-06	2.70E-08	5.40E-09	5.40E-16	2.70E-09	6.46E-11	4.76E-11	1.32E-10	4.36E-10	2.58E-09	4.12E-11	9.30E-10	4.72E-08	4.38E-09	5.63E-08
646	SG_646	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.500	2.62E-07	4.96E-07	Not Modelled	4.91E-09	2.43E-10	2.57E-06	2.62E-08	5.24E-09	5.24E-16	2.62E-09	6.27E-11	4.62E-11	1.29E-10	4.23E-10	2.50E-09	4.00E-11	9.04E-10	4.59E-08	4.25E-09	5.47E-08
647	SG_647	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.500	2.47E-07	4.70E-07	Not Modelled	4.69E-09	2.29E-10	2.39E-06	2.47E-08	4.95E-09	4.95E-16	2.47E-09	5.92E-11	4.36E-11	1.21E-10	3.99E-10	2.36E-09	3.78E-11	8.53E-10	4.33E-08	4.01E-09	5.16E-08
648	SG_648	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.500	2.34E-07	4.47E-07	Not Modelled	4.50E-09	2.17E-10	2.24E-06	2.34E-08	4.68E-09	4.68E-16	2.34E-09	5.61E-11	4.13E-11	1.15E-10	3.78E-10	2.24E-09	3.58E-11	8.08E-10	4.10E-08	3.80E-09	4.89E-08
649	SG_649	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.500	2.17E-07	4.14E-07	Not Modelled	4.21E-09	2.01E-10	2.03E-06	2.17E-08	4.33E-09	4.33E-16	2.17E-09	5.19E-11	3.82E-11	1.06E-10	3.50E-10	2.07E-09	3.31E-11	7.47E-10	3.79E-08	3.52E-09	4.52E-08
650	SG_650	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.500	2.00E-07	3.83E-07	Not Modelled	3.94E-09	1.85E-10	1.85E-06	2.00E-08	4.01E-09	4.01E-16	2.00E-09	4.79E-11	3.53E-11	9.83E-11	3.24E-10	1.91E-09	3.06E-11	6.91E-10	3.51E-08	3.25E-09	4.18E-08
651	SG_651	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.500	1.90E-07	3.64E-07	Not Modelled	3.78E-09	1.76E-10	1.75E-06	1.90E-08	3.80E-09	3.80E-16	1.90E-09	4.54E-11	3.35E-11	9.31E-11	3.06E-10	1.81E-09	2.90E-11	6.54E-10	3.32E-08	3.08E-09	3.96E-08
660	SG_660	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6368.700	2.93E-07	4.90E-07	Not Modelled	5.75E-09	2.68E-10	3.35E-06	2.90E-08	5.80E-09	5.80E-16	2.90E-09	6.94E-11	5.11E-11	1.42E-10	4.68E-10	2.77E-09	4.43E-11	1.00E-09	5.08E-08	4.71E-09	6.05E-08
661	SG_661	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6368.700	3.63E-07	6.15E-07	Not Modelled	7.31E-09	3.34E-10	4.04E-06	3.61E-08	7.22E-09	7.22E-16	3.61E-09	8.63E-11	6.36E-11	1.77E-10	5.83E-10	3.45E-09	5.51E-11	1.24E-09	6.32E-08	5.85E-09	7.53E-08
662	SG_662	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6368.700	4.77E-07	8.19E-07	Not Modelled	9.94E-09	4.40E-10	5.08E-06	4.75E-08	9.50E-09	9.50E-16	4.75E-09	1.14E-10	8.38E-11	2.33E-10	7.67E-10	4.54E-09	7.26E-11	1.64E-09	8.32E-08	7.71E-09	9.92E-08
663	SG_663	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.700	6.70E-07	1.17E-06	Not Modelled	1.49E-08	6.19E-10	7.25E-06	6.69E-08	1.34E-08	1.34E-15	6.69E-09	1.60E-10	1.18E-10	3.28E-10	1.08E-09	6.39E-09	1.02E-10	2.31E-09	1.17E-07	1.09E-08	1.40E-07
664	SG_664	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.700	8.83E-07	1.55E-06	Not Modelled	2.12E-08	8.16E-10	9.57E-06	8.82E-08	1.76E-08	1.76E-15	8.82E-09	2.11E-10	1.55E-10	4.32E-10	1.42E-09	8.42E-09	1.35E-10	3.04E-09	1.54E-07	1.43E-08	1.84E-07
665	SG_665	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.700	9.76E-07	1.70E-06	Not Modelled	2.53E-08	9.02E-10	1.04E-05	9.75E-08	1.95E-08	1.95E-15	9.75E-09	2.33E-10	1.72E-10	4.78E-10	1.57E-09	9.31E-09	1.49E-10	3.36E-09	1.71E-07	1.58E-08	2.03E-07
666	SG_666	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.700	9.06E-07	1.56E-06	Not Modelled	2.41E-08	8.38E-10	9.10E-06	9.05E-08	1.81E-08	1.81E-15	9.06E-09	2.17E-10	1.60E-10	4.44E-10	1.46E-09	8.64E-09	1.38E-10	3.12E-09	1.58E-07	1.47E-08	1.89E-07
667	SG_667	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.700	7.90E-07	1.36E-06	Not Modelled	1.92E-08	7.30E-10	7.45E-06	7.89E-08	1.58E-08	1.58E-15	7.90E-09	1.89E-10	1.39E-10	3.87E-10	1.27E-09	7.54E-09	1.21E-10	2.72E-09	1.38E-07	1.28E-08	1.65E-07
668	SG_668	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.700	6.53E-07	1.13E-06	Not Modelled	1.42E-08	6.04E-10	6.00E-06	6.53E-08	1.31E-08	1.31E-15	6.53E-09	1.56E-10	1.15E-10	3.20E-10	1.05E-09	6.23E-09	9.97E-11	2.25E-09	1.14E-07	1.06E-08	1.36E-07
669	SG_669	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.700	5.78E-07	1.02E-06	Not Modelled	1.17E-08	5.35E-10	5.47E-06	5.78E-08	1.16E-08	1.16E-15	5.78E-09	1.38E-10	1.02E-10	2.83E-10	9.33E-10	5.52E-09	8.82E-11	1.99E-09	1.01E-07	9.37E-09	1.21E-07
670	SG_670	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.700	5.50E-07	9.94E-07	Not Modelled	1.09E-08	5.09E-10	5.52E-06	5.50E-08	1.10E-08	1.10E-15	5.50E-09	1.32E-10	9.69E-11	2.70E-10	8.88E-10	5.25E-09	8.39E-11	1.90E-09	9.63E-08	8.92E-09	1.15E-07
671	SG_671	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.700	5.01E-07	9.19E-07	Not Modelled	9.92E-09	4.63E-10	5.24E-06	5.00E-08	1.00E-08	1.00E-15	5.01E-09	1.20E-10	8.82E-11	2.45E-10	8.08E-10	4.78E-09	7.64E-11	1.73E-09	8.76E-08	8.12E-09	1.04E-07
672	SG_672	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.700	4.31E-07	7.97E-07	Not Modelled	8.51E-09	3.98E-10	4.63E-06	4.31E-08	8.61E-09	8.61E-16	4.31E-09	1.03E-10	7.59E-11	2.11E-10	6.95E-10	4.11E-09	6.57E-11	1.48E-09	7.54E-08	6.98E-09	8.99E-08
673	SG_673	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.700	3.42E-07	6.32E-07	Not Modelled	6.79E-09	3.17E-10	3.63E-06	3.42E-08	6.84E-09	6.84E-16	3.42E-09	8.19E-11	6.03E-11	1.68E-10	5.53E-10	3.27E-09	5.22E-11	1.18E-09	5.99E-08	5.55E-09	7.14E-08
674	SG_674	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.700	2.94E-07	5.44E-07	Not Modelled	5.83E-09	2.72E-10	3.19E-06	2.94E-08	5.87E-09	5.87E-16	2.94E-09	7.02E-11	5.17E-11	1.44E-10	4.74E-10	2.80E-09	4.48E-11	1.01E-09	5.14E-08	4.76E-09	6.13E-08
675	SG_675	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.700	2.65E-07	4.94E-07	Not Modelled	5.16E-09	2.45E-10	2.83E-06	2.65E-08	5.30E-09	5.30E-16	2.65E-09	6.34E-11	4.67E-11	1.30E-10	4.28E-10	2.53E-09	4.05E-11	9.14E-10	4.64E-08	4.30E-09	5.53E-08
676	SG_676	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.700	2.43E-07	4.55E-07	Not Modelled	4.58E-09	2.25E-10	2.43E-06	2.43E-08	4.86E-09	4.86E-16	2.43E-09	5.81E-11	4.28E-11	1.19E-10	3.92E-10	2.32E-09	3.71E-11	8.38E-10	4.25E-08	3.94E-09	5.07E-08
677	SG_677	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.700	2.30E-07	4.33E-07	Not Modelled	4.27E-09	2.13E-10	2.20E-06	2.30E-08	4.60E-09	4.60E-16	2.30E-09	5.50E-11	4.05E-11	1.13E-10	3.71E-10	2.20E-09	3.51E-11	7.93E-10	4.03E-08	3.73E-09	4.80E-08
678	SG_678	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.700	2.26E-07	4.28E-07	Not Modelled	4.20E-09	2.09E-10	2.14E-06	2.26E-08	4.51E-09	4.51E-16	2.26E-09	5.40E-11	3.98E-11	1.11E-10	3.64E-10	2.15E-09	3.44E-11	7.78E-10	3.95E-08	3.66E-09	4.71E-08
679	SG_679	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.700	2.13E-07	4.05E-07	Not Modelled	4.02E-09	1.97E-10	1.98E-06	2.13E-08	4.26E-09	4.26E-16	2.13E-09	5.09E-11	3.75E-11	1.04E-10	3.44E-10	2.03E-09	3.25E-11	7.34E-10	3.73E-08	3.45E-09	4.44E-08
680	SG_680	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.700	2.06E-07	3.94E-07	Not Modelled	3.94E-09	1.91E-10	1.91E-06	2.06E-08	4.12E-09	4.12E-16	2.06E-09	4.93E-11	3.63E-11	1.01E-10	3.33E-10	1.97E-09	3.15E-11	7.11E-10	3.61E-08	3.34E-09	4.30E-08
681	SG_681	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.700	1.90E-07	3.63E-07	Not Modelled	3.69E-09	1.76E-10	1.72E-06	1.90E-08	3.80E-09	3.80E-16	1.90E-09	4.55E-11	3.35E-11	9.33E-11	3.07E-10	1.82E-09	2.90E-11	6.56E-10	3.33E-08	3.09E-09	3.97E-08
682	SG_682	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.700	1.79E-07	3.42E-07	Not Modelled	3.51E-09	1.65E-10	1.59E-06	1.79E-08	3.57E-09	3.57E-16	1.79E-09	4.28E-11	3.15E-11	8.76E-11	2.89E-10	1.71E-09	2.73E-11	6.16E-10	3.13E-08	2.90E-09	3.73E-08
694	SG_694	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6368.900	5.94E-07	1.03E-06	Not Modelled	1.31E-08	5.48E-10	5.82E-06	5.92E-08	1.18E-08	1.18E-15	5.92E-09	1.42E-10	1.04E-10	2.90E-10	9.56E-10	5.65E-09	9.04E-11	2.04E-09	1.04E-07	9.60E-09	1.24E-07
695	SG_695	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6368.900	7.13E-07	1.25E-06	Not Modelled	1.71E-08	6.59E-10	7.05E-06	7.12E-08	1.42E-08	1.42E-15	7.12E-09	1.70E-10	1.25E-10	3.49E-10	1.15E-09	6.80E-09	1.09E-10	2.45E-09	1.25E-07	1.15E-08	1.49E-07
696	SG_696	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6368.900	7.74E-07	1.35E-06	Not Modelled	1.98E-08	7.15E-10	7.86E-06	7.73E-08	1.55E-08	1.55E-15	7.73E-09	1.85E-10	1.36E-10	3.79E-10	1.25E-09	7.38E-09	1.18E-10	2.66E-09	1.35E-07	1.25E-08	1.61E-07
697	SG_697	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6368.900	7.14E-07	1.23E-06	Not Modelled	1.86E-08	6.60E-10	6.90E-06	7.14E-08	1.43E-08	1.43E-15	7.14E-09	1.71E-10	1.26E-10	3.50E-10	1.15E-09	6.81E-09	1.09E-10	2.46E-09	1.25E-07	1.16E-08	1.49E-07
698	SG_698	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6368.900	6.29E-07	1.08E-06	Not Modelled	1.52E-08	5.81E-10	5.79E-06	6.28E-08	1.26E-08	1.26E-15	6.28E-09	1.50E-10	1.11E-10	3.08E-10	1.01E-09	6.00E-09	9.59E-11	2.17E-09	1.10E-07	1.02E-08	1.31E-07
699	SG_699	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6368.900	5.29E-07	9.17E-07	Not Modelled	1.17E-08	4.89E-10	4.79E-06	5.29E-08	1.06E-08	1.06E-15	5.29E-09	1.27E-10	9.32E-11	2.59E-10	8.54E-10	5.05E-09	8.07E-11	1.82E-09	9.26E-08	8.58E-09	1.10E-07
700	SG_700	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6368.900	4.67E-07	8.20E-07	Not Modelled	9.68E-09	4.32E-10	4.30E-06	4.67E-08	9.33E-09	9.33E-16	4.67E-09	1.12E-10	8.22E-11	2.29E-10	7.53E-10	4.45E-09	7.12E-11	1.61E-09	8.17E-08	7.57E-09	9.74E-08
701	SG_701	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6368.900	4.59E-07	8.28E-07	Not Modelled	9.30E-09	4.25E-10	4.50E-06	4.59E-08	9.18E-09	9.18E-16	4.59E-09	1.10E-10	8.09E-11	2.25E-10	7.41E-10	4.38E-09	7.01E-11	1.58E-09	8.04E-08	7.45E-09	9.58E-08
702	SG_702	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6368.900	4.38E-07	8.03E-07	Not Modelled	8.85E-09	4.05E-10	4.45E-06	4.38E-08	8.75E-09	8.75E-16	4.38E-09	1.05E-10	7.71E-11	2.15E-10	7.07E-10	4.18E-09	6.68E-11	1.51E-09	7.66E-08	7.10E-09	9.13E-08
703	SG_703	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6368.900	3.80E-07	7.02E-07	Not Modelled	7.73E-09	3.52E-10	3.91E-06	3.80E-08	7.60E-09	7.60E-16	3.80E-09	9.10E-11	6.70E-11	1.86E-10	6.14E-10	3.63E-09	5.80E-11	1.31E-09	6.66E-08	6.17E-09	7.93E-08
704	SG_704	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6368.900	3.21E-07	5.93E-07	Not Modelled	6.68E-09	2.97E-10	3.42E-06	3.21E-08	6.41E-09	6.41E-16	3.21E-09	7.67E-11	5.65E-11	1.57E-10	5.18E-10	3.06E-09	4.89E-11	1.11E-09	5.61E-08	5.20E-09	6.69E-08
705	SG_705	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6368.900	2.66E-07	4.92E-07	Not Modelled	5.67E-09	2.46E-10	2.91E-06	2.66E-08	5.32E-09	5.32E-16	2.66E-09	6.37E-11	4.69E-11	1.31E-10	4.30E-10	2.54E-09	4.06E-11	9.18E-10	4.66E-08	4.32E-09	5.55E-08
706	SG_706	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6368.900	2.36E-07	4.37E-07	Not Modelled	4.91E-09	2.18E-10	2.54E-06	2.36E-08	4.71E-09	4.71E-16	2.36E-09	5.64E-11	4.15E-11	1.16E-10	3.81E-10	2.25E-09	3.60E-11	8.12E-10	4.13E-08	3.82E-09	4.92E-08
707	SG_707	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6368.900	2.21E-07	4.12E-07	Not Modelled	4.34E-09	2.04E-10	2.23E-06	2.21E-08	4.41E-09	4.41E-16	2.21E-09	5.28E-11	3.89E-11	1.08E-10	3.56E-10	2.11E-09	3.37E-11	7.61E-10	3.86E-08	3.58E-09	4.61E-08
708	SG_708	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6368.900	2.18E-07	4.09E-07	Not Modelled	4.08E-09	2.01E-10	2.11E-06	2.17E-08	4.35E-09	4.35E-16	2.18E-09	5.20E-11	3.83E-11	1.07E-10	3.51E-10	2.08E-09	3.32E-11	7.50E-10	3.81E-08	3.53E-09	4.54E-08
709	SG_709	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6368.900	2.15E-07	4.07E-07	Not Modelled	3.96E-09	1.99E-10	2.05E-06	2.15E-08	4.29E-09	4.29E-16	2.15E-09	5.13E-11	3.78E-11	1.05E-10	3.47E-10	2.05E-09	3.28E-11	7.40E-10	3.76E-08	3.48E-09	4.48E-08
710	SG_710	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6368.900	2.00E-07	3.80E-07	Not Modelled	3.72E-09	1.85E-10	1.85E-06	2.00E-08	4.00E-09	4.00E-16	2.00E-09	4.79E-11	3.53E-11	9.82E-11	3.23E-10	1.91E-09	3.06E-11	6.90E-10	3.51E-08	3.25E-09	4.18E-08
711	SG_711	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6368.900	1.88E-07	3.57E-07	Not Modelled	3.54E-09	1.74E-10	1.69E-06	1.88E-08	3.75E-09	3.75E-16	1.88E-09	4.49E-11	3.31E-11	9.20E-11	3.03E-10	1.79E-09	2.86E-11	6.47E-10	3.28E-08	3.04E-09	3.92E-08
712	SG_712	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6368.900	1.75E-07	3.34E-07	Not Modelled	3.35E-09	1.62E-10	1.54E-06	1.75E-08	3.50E-09	3.50E-16	1.75E-09	4.19E-11	3.09E-11	8.59E-11	2.83E-10	1.67E-09	2.67E-11	6.04E-10	3.07E-08	2.84E-09	3.65E-08
713	SG_713	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6368.900	1.61E-07	3.07E-07	Not Modelled	3.12E-09	1.49E-10	1.37E-06	1.61E-08	3.22E-09	3.22E-16	1.61E-09	3.85E-11	2.84E-11	7.89E-11	2.60E-10	1.54E-09	2.46E-11	5.54E-10	2.82E-08	2.61E-09	3.36E-08
726	SG_726	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.100	6369.100	5.76E-07	9.99E-07	Not Modelled	1.38E-08	5.29E-10	5.45E-06	5.72E-08	1.14E-08	1.14E-15	5.72E-09	1.37E-10	1.01E-10	2.81E-10	9.24E-10	5.46E-09	8.74E-11	1.97E-09	1.00E-07	9.28E-09	1.19E-07
727	SG_727	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6369.100	5.84E-07	1.01E-06	Not Modelled	1.49E-08	5.39E-10	5.47E-06	5.82E-08	1.16E-08	1.16E-15	5.82E-09	1.39E-10	1.03E-10	2.85E-10	9.40E-10	5.56E-09	8.89E-11	2.01E-09	1.02E-07	9.44E-09	1.21E-07
728	SG_728	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.100	5.58E-07	9.65E-07	Not Modelled	1.44E-08	5.16E-10	5.19E-06	5.57E-08	1.11E-08	1.11E-15	5.57E-09	1.33E-10	9.82E-11	2.73E-10	9.00E-10	5.32E-09	8.51E-11	1.92E-09	9.76E-08	9.04E-09	1.16E-07
729	SG_729	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.100	4.97E-07	8.59E-07	Not Modelled	1.20E-08	4.59E-10	4.43E-06	4.96E-08	9.92E-09	9.92E-16	4.96E-09	1.19E-10	8.75E-11	2.43E-10	8.01E-10	4.74E-09	7.58E-11	1.71E-09	8.69E-08	8.05E-09	1.04E-07
730	SG_730	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.100	4.34E-07	7.56E-07	Not Modelled	9.74E-09	4.01E-10	3.93E-06	4.34E-08	8.68E-09	8.68E-16	4.34E-09	1.04E-10	7.65E-11	2.13E-10	7.01E-10	4.14E-09	6.63E-11	1.50E-09	7.60E-08	7.04E-09	9.06E-08
731	SG_731	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.100	3.87E-07	6.80E-07	Not Modelled	8.20E-09	3.57E-10	3.55E-06	3.86E-08	7.73E-09	7.73E-16	3.86E-09	9.24E-11	6.81E-11	1.89E-10	6.24E-10	3.69E-09	5.90E-11	1.33E-09	6.76E-08	6.27E-09	8.06E-08
732	SG_732	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.100	3.76E-07	6.75E-07	Not Modelled	7.76E-09	3.48E-10	3.57E-06	3.76E-08	7.52E-09	7.52E-16	3.76E-09	8.99E-11	6.63E-11	1.84E-10	6.07E-10	3.59E-09	5.74E-11	1.30E-09	6.58E-08	6.10E-09	7.84E-08
733	SG_733	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.100	3.68E-07	6.72E-07	Not Modelled	7.55E-09	3.40E-10	3.58E-06	3.68E-08	7.35E-09	7.35E-16	3.68E-09	8.80E-11	6.48E-11	1.80E-10	5.94E-10	3.51E-09	5.61E-11	1.27E-09	6.44E-08	5.97E-09	7.67E-08
734	SG_734	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.100	3.33E-07	6.14E-07	Not Modelled	6.88E-09	3.08E-10	3.26E-06	3.33E-08	6.66E-09	6.66E-16	3.33E-09	7.97E-11	5.87E-11	1.63E-10	5.38E-10	3.18E-09	5.09E-11	1.15E-09	5.83E-08	5.41E-09	6.95E-08
735	SG_735	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.100	2.95E-07	5.46E-07	Not Modelled	6.20E-09	2.73E-10	2.98E-06	2.95E-08	5.89E-09	5.89E-16	2.95E-09	7.05E-11	5.19E-11	1.45E-10	4.76E-10	2.81E-09	4.50E-11	1.02E-09	5.16E-08	4.78E-09	6.15E-08
736	SG_736	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.100	2.55E-07	4.73E-07	Not Modelled	5.44E-09	2.36E-10	2.63E-06	2.55E-08	5.09E-09	5.09E-16	2.55E-09	6.09E-11	4.49E-11	1.25E-10	4.11E-10	2.43E-09	3.89E-11	8.78E-10	4.46E-08	4.13E-09	5.32E-08
737	SG_737	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.100	2.26E-07	4.20E-07	Not Modelled	4.77E-09	2.09E-10	2.32E-06	2.26E-08	4.51E-09	4.51E-16	2.26E-09	5.40E-11	3.98E-11	1.11E-10	3.64E-10	2.15E-09	3.44E-11	7.78E-10	3.95E-08	3.66E-09	4.71E-08
738	SG_738	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.100	2.11E-07	3.94E-07	Not Modelled	4.29E-09	1.95E-10	2.12E-06	2.11E-08	4.22E-09	4.22E-16	2.11E-09	5.05E-11	3.72E-11	1.04E-10	3.41E-10	2.02E-09	3.22E-11	7.28E-10	3.69E-08	3.42E-09	4.40E-08
739	SG_739	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.100	2.01E-07	3.77E-07	Not Modelled	3.90E-09	1.86E-10	1.94E-06	2.01E-08	4.02E-09	4.02E-16	2.01E-09	4.81E-11	3.54E-11	9.85E-11	3.24E-10	1.92E-09	3.07E-11	6.93E-10	3.52E-08	3.26E-09	4.19E-08
740	SG_740	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.100	2.00E-07	3.77E-07	Not Modelled	3.75E-09	1.85E-10	1.90E-06	1.99E-08	3.99E-09	3.99E-16	2.00E-09	4.77E-11	3.52E-11	9.78E-11	3.22E-10	1.90E-09	3.04E-11	6.88E-10	3.49E-08	3.24E-09	4.16E-08
741	SG_741	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.100	1.87E-07	3.55E-07	Not Modelled	3.48E-09	1.73E-10	1.72E-06	1.87E-08	3.74E-09	3.74E-16	1.87E-09	4.48E-11	3.30E-11	9.18E-11	3.02E-10	1.79E-09	2.86E-11	6.46E-10	3.28E-08	3.04E-09	3.91E-08
742	SG_742	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.100	1.70E-07	3.22E-07	Not Modelled	3.17E-09	1.57E-10	1.48E-06	1.70E-08	3.39E-09	3.39E-16	1.70E-09	4.06E-11	2.99E-11	8.32E-11	2.74E-10	1.62E-09	2.59E-11	5.85E-10	2.97E-08	2.75E-09	3.54E-08
743	SG_743	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.100	1.63E-07	3.10E-07	Not Modelled	3.08E-09	1.51E-10	1.40E-06	1.63E-08	3.26E-09	3.26E-16	1.63E-09	3.90E-11	2.88E-11	8.00E-11	2.64E-10	1.56E-09	2.49E-11	5.63E-10	2.86E-08	2.65E-09	3.41E-08

AQIA DATA - SCENARIO 2 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
744	SG_744	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.100	1.53E-07	2.91E-07	Not Modelled	2.93E-09	1.41E-10	1.28E-06	1.53E-08	3.05E-09	3.05E-16	1.53E-09	3.65E-11	2.69E-11	7.48E-11	2.46E-10	1.46E-09	2.33E-11	5.26E-10	2.67E-08	2.48E-09	3.18E-08
758	SG_758	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6369.300	4.66E-07	8.04E-07	Not Modelled	1.18E-08	4.28E-10	4.29E-06	4.62E-08	9.25E-09	9.25E-16	4.63E-09	1.11E-10	8.15E-11	2.27E-10	7.47E-10	4.42E-09	7.06E-11	1.59E-09	8.10E-08	7.50E-09	9.65E-08
759	SG_759	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.300	4.41E-07	7.62E-07	Not Modelled	1.12E-08	4.06E-10	3.96E-06	4.39E-08	8.78E-09	8.78E-16	4.39E-09	1.05E-10	7.74E-11	2.15E-10	7.09E-10	4.19E-09	6.70E-11	1.51E-09	7.69E-08	7.12E-09	9.16E-08
760	SG_760	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.300	4.00E-07	6.93E-07	Not Modelled	9.60E-09	3.69E-10	3.48E-06	3.99E-08	7.97E-09	7.97E-16	3.99E-09	9.54E-11	7.03E-11	1.96E-10	6.44E-10	3.81E-09	6.09E-11	1.37E-09	6.98E-08	6.47E-09	8.32E-08
761	SG_761	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.300	3.54E-07	6.16E-07	Not Modelled	8.00E-09	3.27E-10	3.11E-06	3.53E-08	7.07E-09	7.07E-16	3.54E-09	8.45E-11	6.23E-11	1.73E-10	5.71E-10	3.37E-09	5.40E-11	1.22E-09	6.19E-08	5.73E-09	7.38E-08
762	SG_762	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.300	3.20E-07	5.62E-07	Not Modelled	6.90E-09	2.96E-10	2.87E-06	3.19E-08	6.39E-09	6.39E-16	3.20E-09	7.64E-11	5.63E-11	1.57E-10	5.16E-10	3.05E-09	4.88E-11	1.10E-09	5.59E-08	5.18E-09	6.67E-08
763	SG_763	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.300	3.05E-07	5.45E-07	Not Modelled	6.40E-09	2.82E-10	2.76E-06	3.05E-08	6.10E-09	6.10E-16	3.05E-09	7.30E-11	5.38E-11	1.50E-10	4.93E-10	2.91E-09	4.66E-11	1.05E-09	5.34E-08	4.95E-09	6.37E-08
764	SG_764	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.300	3.11E-07	5.65E-07	Not Modelled	6.46E-09	2.87E-10	2.92E-06	3.10E-08	6.21E-09	6.21E-16	3.10E-09	7.43E-11	5.47E-11	1.52E-10	5.01E-10	2.96E-09	4.74E-11	1.07E-09	5.43E-08	5.04E-09	6.48E-08
765	SG_765	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.300	3.04E-07	5.61E-07	Not Modelled	6.34E-09	2.81E-10	2.93E-06	3.04E-08	6.08E-09	6.08E-16	3.04E-09	7.27E-11	5.36E-11	1.49E-10	4.91E-10	2.90E-09	4.64E-11	1.05E-09	5.32E-08	4.93E-09	6.34E-08
766	SG_766	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.300	2.79E-07	5.19E-07	Not Modelled	5.85E-09	2.58E-10	2.71E-06	2.79E-08	5.58E-09	5.58E-16	2.79E-09	6.68E-11	4.92E-11	1.37E-10	4.51E-10	2.66E-09	4.26E-11	9.62E-10	4.89E-08	4.53E-09	5.82E-08
767	SG_767	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.300	2.44E-07	4.54E-07	Not Modelled	5.14E-09	2.26E-10	2.36E-06	2.44E-08	4.88E-09	4.88E-16	2.44E-09	5.84E-11	4.30E-11	1.20E-10	3.94E-10	2.33E-09	3.73E-11	8.42E-10	4.27E-08	3.96E-09	5.09E-08
768	SG_768	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.300	2.20E-07	4.10E-07	Not Modelled	4.60E-09	2.03E-10	2.12E-06	2.20E-08	4.40E-09	4.40E-16	2.20E-09	5.26E-11	3.88E-11	1.08E-10	3.55E-10	2.10E-09	3.36E-11	7.58E-10	3.85E-08	3.57E-09	4.59E-08
769	SG_769	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.300	1.97E-07	3.67E-07	Not Modelled	4.05E-09	1.82E-10	1.85E-06	1.97E-08	3.94E-09	3.94E-16	1.97E-09	4.71E-11	3.47E-11	9.65E-11	3.18E-10	1.88E-09	3.01E-11	6.79E-10	3.45E-08	3.19E-09	4.11E-08
770	SG_770	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.300	1.86E-07	3.48E-07	Not Modelled	3.73E-09	1.72E-10	1.74E-06	1.86E-08	3.71E-09	3.71E-16	1.86E-09	4.44E-11	3.27E-11	9.11E-11	3.00E-10	1.77E-09	2.84E-11	6.40E-10	3.25E-08	3.01E-09	3.88E-08
771	SG_771	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.300	1.85E-07	3.49E-07	Not Modelled	3.60E-09	1.71E-10	1.75E-06	1.85E-08	3.69E-09	3.69E-16	1.85E-09	4.42E-11	3.26E-11	9.06E-11	2.98E-10	1.76E-09	2.82E-11	6.37E-10	3.23E-08	3.00E-09	3.85E-08
772	SG_772	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.300	1.77E-07	3.36E-07	Not Modelled	3.39E-09	1.64E-10	1.64E-06	1.77E-08	3.55E-09	3.55E-16	1.77E-09	4.24E-11	3.13E-11	8.70E-11	2.86E-10	1.69E-09	2.71E-11	6.11E-10	3.10E-08	2.88E-09	3.70E-08
773	SG_773	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.300	1.61E-07	3.05E-07	Not Modelled	3.05E-09	1.49E-10	1.40E-06	1.61E-08	3.22E-09	3.22E-16	1.61E-09	3.86E-11	2.84E-11	7.90E-11	2.60E-10	1.54E-09	2.46E-11	5.56E-10	2.82E-08	2.61E-09	3.36E-08
774	SG_774	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.300	1.55E-07	2.94E-07	Not Modelled	2.92E-09	1.43E-10	1.32E-06	1.55E-08	3.09E-09	3.09E-16	1.55E-09	3.70E-11	2.72E-11	7.58E-11	2.50E-10	1.48E-09	2.36E-11	5.33E-10	2.71E-08	2.51E-09	3.23E-08
775	SG_775	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.300	1.60E-07	3.06E-07	Not Modelled	3.03E-09	1.48E-10	1.40E-06	1.60E-08	3.20E-09	3.20E-16	1.60E-09	3.82E-11	2.82E-11	7.84E-11	2.58E-10	1.53E-09	2.44E-11	5.51E-10	2.80E-08	2.59E-09	3.34E-08
789	SG_789	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.300	6369.500	3.79E-07	6.49E-07	Not Modelled	9.41E-09	3.45E-10	3.49E-06	3.73E-08	7.46E-09	7.46E-16	3.73E-09	8.93E-11	6.58E-11	1.83E-10	6.02E-10	3.56E-09	5.70E-11	1.29E-09	6.53E-08	6.05E-09	7.79E-08
790	SG_790	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.500	3.57E-07	6.16E-07	Not Modelled	8.89E-09	3.28E-10	3.15E-06	3.54E-08	7.08E-09	7.08E-16	3.54E-09	8.47E-11	6.24E-11	1.74E-10	5.72E-10	3.38E-09	5.41E-11	1.22E-09	6.20E-08	5.75E-09	7.39E-08
791	SG_791	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.500	3.30E-07	5.74E-07	Not Modelled	7.85E-09	3.04E-10	2.86E-06	3.29E-08	6.58E-09	6.58E-16	3.29E-09	7.87E-11	5.80E-11	1.61E-10	5.31E-10	3.14E-09	5.02E-11	1.13E-09	5.76E-08	5.34E-09	6.87E-08
792	SG_792	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.500	2.94E-07	5.14E-07	Not Modelled	6.68E-09	2.72E-10	2.54E-06	2.94E-08	5.87E-09	5.87E-16	2.94E-09	7.03E-11	5.18E-11	1.44E-10	4.74E-10	2.81E-09	4.49E-11	1.01E-09	5.14E-08	4.77E-09	6.13E-08
793	SG_793	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.500	2.69E-07	4.74E-07	Not Modelled	5.89E-09	2.49E-10	2.37E-06	2.69E-08	5.38E-09	5.38E-16	2.69E-09	6.44E-11	4.74E-11	1.32E-10	4.34E-10	2.57E-09	4.11E-11	9.28E-10	4.71E-08	4.36E-09	5.62E-08
794	SG_794	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.500	2.61E-07	4.67E-07	Not Modelled	5.57E-09	2.42E-10	2.35E-06	2.61E-08	5.23E-09	5.23E-16	2.61E-09	6.25E-11	4.61E-11	1.28E-10	4.22E-10	2.49E-09	3.99E-11	9.01E-10	4.57E-08	4.24E-09	5.45E-08
795	SG_795	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.500	2.62E-07	4.74E-07	Not Modelled	5.51E-09	2.42E-10	2.38E-06	2.61E-08	5.23E-09	5.23E-16	2.61E-09	6.25E-11	4.61E-11	1.28E-10	4.22E-10	2.50E-09	3.99E-11	9.01E-10	4.58E-08	4.24E-09	5.45E-08
796	SG_796	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.500	2.74E-07	5.06E-07	Not Modelled	5.76E-09	2.53E-10	2.60E-06	2.74E-08	5.47E-09	5.47E-16	2.74E-09	6.55E-11	4.82E-11	1.34E-10	4.42E-10	2.61E-09	4.18E-11	9.44E-10	4.79E-08	4.44E-09	5.71E-08
797	SG_797	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.500	2.59E-07	4.82E-07	Not Modelled	5.44E-09	2.40E-10	2.44E-06	2.59E-08	5.18E-09	5.18E-16	2.59E-09	6.19E-11	4.56E-11	1.27E-10	4.18E-10	2.47E-09	3.95E-11	8.92E-10	4.53E-08	4.20E-09	5.40E-08
798	SG_798	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.500	2.33E-07	4.34E-07	Not Modelled	4.89E-09	2.16E-10	2.16E-06	2.33E-08	4.66E-09	4.66E-16	2.33E-09	5.57E-11	4.11E-11	1.14E-10	3.76E-10	2.22E-09	3.56E-11	8.03E-10	4.08E-08	3.78E-09	4.86E-08
799	SG_799	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.500	2.09E-07	3.90E-07	Not Modelled	4.36E-09	1.93E-10	1.91E-06	2.09E-08	4.17E-09	4.17E-16	2.09E-09	4.99E-11	3.68E-11	1.02E-10	3.37E-10	1.99E-09	3.19E-11	7.20E-10	3.65E-08	3.39E-09	4.36E-08
800	SG_800	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.500	1.95E-07	3.65E-07	Not Modelled	4.03E-09	1.80E-10	1.80E-06	1.95E-08	3.90E-09	3.90E-16	1.95E-09	4.66E-11	3.44E-11	9.56E-11	3.15E-10	1.86E-09	2.98E-11	6.72E-10	3.41E-08	3.16E-09	4.07E-08
801	SG_801	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.500	1.81E-07	3.40E-07	Not Modelled	3.70E-09	1.67E-10	1.67E-06	1.81E-08	3.62E-09	3.62E-16	1.81E-09	4.33E-11	3.19E-11	8.87E-11	2.92E-10	1.73E-09	2.76E-11	6.24E-10	3.17E-08	2.94E-09	3.78E-08
802	SG_802	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.500	1.73E-07	3.26E-07	Not Modelled	3.49E-09	1.60E-10	1.60E-06	1.73E-08	3.45E-09	3.45E-16	1.73E-09	4.13E-11	3.04E-11	8.47E-11	2.79E-10	1.65E-09	2.64E-11	5.95E-10	3.02E-08	2.80E-09	3.60E-08
803	SG_803	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.500	1.66E-07	3.15E-07	Not Modelled	3.29E-09	1.54E-10	1.54E-06	1.66E-08	3.32E-09	3.32E-16	1.66E-09	3.98E-11	2.93E-11	8.15E-11	2.68E-10	1.59E-09	2.54E-11	5.73E-10	2.91E-08	2.70E-09	3.47E-08
804	SG_804	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.500	1.53E-07	2.89E-07	Not Modelled	2.98E-09	1.41E-10	1.34E-06	1.53E-08	3.05E-09	3.05E-16	1.53E-09	3.65E-11	2.69E-11	7.48E-11	2.46E-10	1.46E-09	2.33E-11	5.26E-10	2.67E-08	2.48E-09	3.19E-08
805	SG_805	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.500	1.48E-07	2.81E-07	Not Modelled	2.85E-09	1.37E-10	1.28E-06	1.48E-08	2.96E-09	2.96E-16	1.48E-09	3.54E-11	2.61E-11	7.26E-11	2.39E-10	1.41E-09	2.26E-11	5.10E-10	2.59E-08	2.40E-09	3.09E-08
806	SG_806	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.500	1.48E-07	2.82E-07	Not Modelled	2.82E-09	1.37E-10	1.27E-06	1.48E-08	2.95E-09	2.95E-16	1.48E-09	3.53E-11	2.60E-11	7.24E-11	2.38E-10	1.41E-09	2.25E-11	5.09E-10	2.58E-08	2.39E-09	3.08E-08
814	SG_814	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6369.700	2.34E-07	4.00E-07	Not Modelled	3.90E-09	2.10E-10	2.16E-06	2.27E-08	4.55E-09	4.55E-16	2.28E-09	5.44E-11	4.01E-11	1.12E-10	3.67E-10	2.17E-09	3.47E-11	7.84E-10	3.98E-08	3.69E-09	4.75E-08
815	SG_815	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6369.700	2.58E-07	4.31E-07	Not Modelled	4.51E-09	2.28E-10	2.49E-06	2.46E-08	4.92E-09	4.92E-16	2.46E-09	5.89E-11	4.34E-11	1.21E-10	3.98E-10	2.35E-09	3.76E-11	8.49E-10	4.31E-08	4.00E-09	5.14E-08
816	SG_816	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6369.700	2.80E-07	4.50E-07	Not Modelled	5.17E-09	2.41E-10	2.83E-06	2.61E-08	5.22E-09	5.22E-16	2.61E-09	6.24E-11	4.60E-11	1.28E-10	4.21E-10	2.49E-09	3.98E-11	8.99E-10	4.57E-08	4.23E-09	5.44E-08
817	SG_817	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6369.700	3.03E-07	4.67E-07	Not Modelled	5.94E-09	2.55E-10	3.22E-06	2.75E-08	5.51E-09	5.51E-16	2.75E-09	6.59E-11	4.85E-11	1.35E-10	4.45E-10	2.63E-09	4.20E-11	9.49E-10	4.82E-08	4.47E-09	5.75E-08
818	SG_818	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6369.700	3.12E-07	4.80E-07	Not Modelled	6.59E-09	2.63E-10	3.24E-06	2.84E-08	5.69E-09	5.69E-16	2.84E-09	6.80E-11	5.01E-11	1.39E-10	4.59E-10	2.72E-09	4.34E-11	9.80E-10	4.98E-08	4.61E-09	5.93E-08
821	SG_821	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.700	2.94E-07	5.07E-07	Not Modelled	7.18E-09	2.69E-10	2.57E-06	2.91E-08	5.82E-09	5.82E-16	2.91E-09	6.97E-11	5.13E-11	1.43E-10	4.70E-10	2.78E-09	4.45E-11	1.00E-09	5.10E-08	4.72E-09	6.08E-08
822	SG_822	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.700	2.71E-07	4.70E-07	Not Modelled	6.37E-09	2.49E-10	2.27E-06	2.69E-08	5.39E-09	5.39E-16	2.69E-09	6.44E-11	4.75E-11	1.32E-10	4.35E-10	2.57E-09	4.11E-11	9.28E-10	4.71E-08	4.37E-09	5.62E-08
823	SG_823	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.700	2.49E-07	4.35E-07	Not Modelled	5.65E-09	2.30E-10	2.12E-06	2.48E-08	4.97E-09	4.97E-16	2.48E-09	5.94E-11	4.38E-11	1.22E-10	4.01E-10	2.37E-09	3.79E-11	8.56E-10	4.35E-08	4.03E-09	5.18E-08
824	SG_824	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.700	2.33E-07	4.10E-07	Not Modelled	5.15E-09	2.15E-10	2.05E-06	2.32E-08	4.64E-09	4.64E-16	2.32E-09	5.56E-11	4.09E-11	1.14E-10	3.75E-10	2.22E-09	3.55E-11	8.01E-10	4.07E-08	3.77E-09	4.85E-08
825	SG_825	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.700	2.21E-07	3.94E-07	Not Modelled	4.79E-09	2.05E-10	1.93E-06	2.21E-08	4.42E-09	4.42E-16	2.21E-09	5.29E-11	3.90E-11	1.09E-10	3.57E-10	2.11E-09	3.38E-11	7.63E-10	3.87E-08	3.59E-09	4.62E-08
826	SG_826	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.700	2.22E-07	4.00E-07	Not Modelled	4.73E-09	2.05E-10	1.94E-06	2.21E-08	4.43E-09	4.43E-16	2.21E-09	5.30E-11	3.90E-11	1.09E-10	3.58E-10	2.11E-09	3.38E-11	7.63E-10	3.88E-08	3.59E-09	4.62E-08
827	SG_827	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.700	2.31E-07	4.24E-07	Not Modelled	4.91E-09	2.14E-10	2.09E-06	2.31E-08	4.62E-09	4.62E-16	2.31E-09	5.52E-11	4.07E-11	1.13E-10	3.73E-10	2.20E-09	3.52E-11	7.96E-10	4.04E-08	3.75E-09	4.82E-08
828	SG_828	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.700	2.32E-07	4.30E-07	Not Modelled	4.91E-09	2.14E-10	2.12E-06	2.32E-08	4.63E-09	4.63E-16	2.32E-09	5.54E-11	4.08E-11	1.14E-10	3.74E-10	2.21E-09	3.54E-11	7.99E-10	4.06E-08	3.76E-09	4.84E-08
829	SG_829	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.700	2.21E-07	4.14E-07	Not Modelled	4.68E-09	2.05E-10	2.02E-06	2.21E-08	4.43E-09	4.43E-16	2.21E-09	5.30E-11	3.90E-11	1.09E-10	3.57E-10	2.11E-09	3.38E-11	7.63E-10	3.88E-08	3.59E-09	4.62E-08
830	SG_830	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.700	2.03E-07	3.79E-07	Not Modelled	4.26E-09	1.87E-10	1.82E-06	2.03E-08	4.05E-09	4.05E-16	2.03E-09	4.85E-11	3.57E-11	9.94E-11	3.27E-10	1.93E-09	3.09E-11	6.99E-10	3.55E-08	3.29E-09	4.23E-08
831	SG_831	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.700	1.86E-07	3.49E-07	Not Modelled	3.88E-09	1.72E-10	1.66E-06	1.86E-08	3.72E-09	3.72E-16	1.86E-09	4.45E-11	3.28E-11	9.12E-11	3.00E-10	1.78E-09	2.84E-11	6.41E-10	3.26E-08	3.02E-09	3.88E-08
832	SG_832	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.700	1.69E-07	3.16E-07	Not Modelled	3.51E-09	1.56E-10	1.48E-06	1.69E-08	3.38E-09	3.38E-16	1.69E-09	4.04E-11	2.98E-11	8.28E-11	2.73E-10	1.61E-09	2.58E-11	5.82E-10	2.96E-08	2.74E-09	3.52E-08
833	SG_833	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.700	1.61E-07	3.02E-07	Not Modelled	3.31E-09	1.49E-10	1.43E-06	1.60E-08	3.21E-09	3.21E-16	1.61E-09	3.84E-11	2.83E-11	7.87E-11	2.59E-10	1.53E-09	2.45E-11	5.53E-10	2.81E-08	2.60E-09	3.35E-08
834	SG_834	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.700	1.51E-07	2.84E-07	Not Modelled	3.09E-09	1.40E-10	1.33E-06	1.51E-08	3.02E-09	3.02E-16	1.51E-09	3.61E-11	2.66E-11	7.40E-11	2.44E-10	1.44E-09	2.30E-11	5.20E-10	2.64E-08	2.45E-09	3.15E-08
835	SG_835	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.700	1.41E-07	2.65E-07	Not Modelled	2.84E-09	1.30E-10	1.21E-06	1.41E-08	2.81E-09	2.81E-16	1.41E-09	3.36E-11	2.48E-11	6.89E-11	2.27E-10	1.34E-09	2.15E-11	4.84E-10	2.46E-08	2.28E-09	2.93E-08
836	SG_836	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.700	1.34E-07	2.54E-07	Not Modelled	2.68E-09	1.24E-10	1.13E-06	1.34E-08	2.69E-09	2.69E-16	1.34E-09	3.21E-11	2.37E-11	6.59E-11	2.17E-10	1.28E-09	2.05E-11	4.63E-10	2.35E-08	2.18E-09	2.80E-08
837	SG_837	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.700	1.34E-07	2.55E-07	Not Modelled	2.64E-09	1.24E-10	1.13E-06	1.34E-08	2.69E-09	2.69E-16	1.34E-09	3.21E-11	2.37E-11	6.59E-11	2.17E-10	1.28E-09	2.05E-11	4.63E-10	2.35E-08	2.18E-09	2.80E-08
838	SG_838	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6369.900	1.18E-07	2.09E-07	Not Modelled	1.95E-09	1.09E-10	1.15E-06	1.17E-08	2.35E-09	2.35E-16	1.18E-09	2.81E-11	2.07E-11	5.76E-11	1.90E-10	1.12E-09	1.79E-11	4.05E-10	2.06E-08	1.91E-09	2.45E-08
839	SG_839	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6369.900	1.29E-07	2.27E-07	Not Modelled	2.07E-09	1.19E-10	1.18E-06	1.29E-08	2.57E-09	2.57E-16	1.29E-09	3.07E-11	2.27E-11	6.30E-11	2.08E-10	1.23E-09	1.96E-11	4.43E-10	2.25E-08	2.08E-09	2.68E-08
840	SG_840	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6369.900	1.37E-07	2.40E-07	Not Modelled	2.15E-09	1.27E-10	1.18E-06	1.37E-08	2.74E-09	2.74E-16	1.37E-09	3.27E-11	2.41E-11	6.71E-11	2.21E-10	1.31E-09	2.09E-11	4.71E-10	2.39E-08	2.22E-09	2.85E-08
841	SG_841	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6369.900	1.51E-07	2.63E-07	Not Modelled	2.34E-09	1.38E-10	1.27E-06	1.50E-08	2.99E-09	2.99E-16	1.50E-09	3.58E-11	2.64E-11	7.34E-11	2.42E-10	1.43E-09	2.29E-11	5.16E-10	2.62E-08	2.43E-09	3.12E-08
842	SG_842	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6369.900	1.66E-07	2.90E-07	Not Modelled	2.58E-09	1.52E-10	1.39E-06	1.65E-08	3.29E-09	3.29E-16	1.65E-09	3.94E-11	2.90E-11	8.07E-11	2.66E-10	1.57E-09	2.51E-11	5.67E-10	2.88E-08	2.67E-09	3.44E-08
843	SG_843	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6369.900	1.87E-07	3.27E-07	Not Modelled	2.98E-09	1.71E-10	1.62E-06	1.85E-08	3.69E-09	3.69E-16	1.85E-09	4.42E-11	3.25E-11	9.06E-11	2.98E-10	1.76E-09	2.82E-11	6.37E-10	3.23E-08	3.00E-09	3.85E-08
844	SG_844	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6369.900	2.02E-07	3.53E-07	Not Modelled	3.34E-09	1.84E-10	1.77E-06	1.99E-08	3.98E-09	3.98E-16	1.99E-09	4.76E-11	3.51E-11	9.76E-11	3.21E-10	1.90E-09	3.04E-11	6.86E-10	3.48E-08	3.23E-09	4.15E-08
845	SG_845	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6369.900	2.26E-07	3.93E-07	Not Modelled	3.93E-09	2.04E-10	2.07E-06	2.21E-08	4.41E-09	4.41E-16	2.21E-09	5.28E-11	3.89E-11	1.08E-10	3.56E-10	2.11E-09	3.37E-11	7.61E-10	3.86E-08	3.58E-09	4.61E-08
846	SG_846	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6369.900	2.48E-07	4.21E-07	Not Modelled	4.50E-09	2.20E-10	2.37E-06	2.38E-08	4.75E-09	4.75E-16	2.38E-09	5.68E-11	4.19E-11	1.17E-10	3.84E-10	2.27E-09	3.63E-11	8.19E-10	4.16E-08	3.85E-09	4.96E-08
847	SG_847	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6369.900	2.63E-07	4.25E-07	Not Modelled	4.95E-09	2.26E-10	2.62E-06	2.44E-08	4.89E-09	4.89E-16	2.44E-09	5.85E-11	4.31E-11	1.20E-10	3.95E-10	2.33E-09	3.73E-11	8.42E-10	4.28E-08	3.96E-09	5.10E-08
848	SG_848	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6369.900	2.71E-07	4.13E-07	Not Modelled	5.33E-09	2.25E-10	2.82E-06	2.43E-08	4.87E-09	4.87E-16	2.43E-09	5.82E-11	4.29E-11	1.19E-10	3.93E-10	2.32E-09	3.72E-11	8.39E-10	4.26E-08	3.95E-09	5.08E-08
849	SG_849	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6369.900	2.70E-07	4.05E-07	Not Modelled	5.67E-09	2.24E-10	2.83E-06	2.42E-08	4.83E-09	4.83E-16	2.42E-09	5.78E-11	4.26E-11	1.19E-10	3.90E-10	2.31E-09	3.69E-11	8.33E-10	4.23E-08	3.92E-09	5.05E-08
852	SG_852	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.500	6369.900	2.47E-07	4.25E-07	Not Modelled	5.91E-09	2.25E-10	2.13E-06	2.43E-08	4.87E-09	4.87E-16	2.43E-09	5.82E-11	4.29E-11	1.19E-10	3.93E-10	2.32E-09	3.72E-11	8.39E-10	4.26E-08	3.95E-09	5.08E-08
853	SG_853	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.700	6369.900	2.29E-07	3.98E-07	Not Modelled	5.33E-09	2.10E-10	1.89E-06	2.27E-08	4.55E-09	4.55E-16	2.28E-09	5.44E-11	4.01E-11	1.12E-10	3.67E-10	2.17E-09	3.47E-11	7.84E-10	3.98E-08	3.69E-09	4.75E-08
854	SG_854	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6369.900	2.19E-07	3.84E-07	Not Modelled	4.96E-09	2.02E-10	1.90E-06	2.18E-08	4.36E-09	4.36E-16	2.18E-09	5.21E-11	3.84E-11	1.07E-10	3.52E-10	2.08E-09	3.33E-11	7.51E-10	3.82E-08	3.54E-09	4.55E-08
855	SG_855	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6369.900	2.07E-07	3.67E-07	Not Modelled	4.62E-09	1.91E-10	1.86E-06	2.07E-08	4.13E-09	4.13E-16	2.07E-09	4.94E-11	3.64E-11	1.01E-10	3.34E-10	1.97E-09	3.15E-11	7.12E-10	3.62E-08	3.35E-09	4.31E-08
856	SG_856	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6369.900	1.96E-07	3.50E-07	Not Modelled	4.30E-09	1.82E-10	1.72E-06	1.96E-08	3.92E-09	3.92E-16	1.96E-09	4.69E-11	3.46E-11	9.62E-11	3.17E-10	1.87E-09	3.00E-11	6.76E-10	3.43E-08	3.18E-09	4.09E-08
857	SG_857	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6369.900	1.95E-07	3.51E-07	Not Modelled	4.21E-09	1.80E-10	1.69E-06	1.95E-08	3.90E-09	3.90E-16	1.95E-09	4.66E-11	3.43E-11	9.55E-11	3.15E-10	1.86E-09	2.97E-11	6.72E-10	3.41E-08	3.16E-09	4.07E-08
858	SG_858	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6369.900	2.03E-07	3.72E-07	Not Modelled	4.36E-09	1.88E-10	1.80E-06	2.03E-08	4.06E-09	4.06E-16	2.03E-09	4.85E-11	3.58E-11	9.95E-11	3.28E-10	1.94E-09	3.10E-11	7.00E-10	3.55E-08	3.29E-09	4.24E-08
859	SG_859	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6369.900	2.08E-07	3.84E-07	Not Modelled	4.44E-09	1.92E-10	1.85E-06	2.07E-08	4.15E-09	4.15E-16	2.07E-09	4.96E-11	3.66E-11	1.02E-10	3.35E-10	1.98E-09	3.17E-11	7.15E-10	3.63E-08	3.36E-09	4.33E-08
860	SG_860	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6369.900	2.02E-07	3.77E-07	Not Modelled	4.32E-09	1.87E-10	1.79E-06	2.02E-08	4.04E-09	4.04E-16	2.02E-09	4.84E-11	3.56E-11	9.92E-11	3.26E-10	1.93E-09	3.09E-11	6.97E-10	3.54E-08	3.28E-09	4.22E-08
861	SG_861	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6369.900	1.91E-07	3.57E-07	Not Modelled	4.05E-09	1.76E-10	1.67E-06	1.91E-08	3.81E-09	3.81E-16	1.91E-09	4.56E-11	3.36E-11	9.35E-11	3.08E-10	1.82E-09	2.91E-11	6.58E-10	3.34E-08	3.09E-09	3.98E-08
862	SG_862	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6369.900	1.76E-07	3.30E-07	Not Modelled	3.72E-09	1.63E-10	1.52E-06	1.76E-08	3.52E-09	3.52E-16	1.76E-09	4.21E-11	3.10E-11	8.63E-11	2.84E-10	1.68E-09	2.69E-11	6.06E-10	3.08E-08	2.85E-09	3.67E-08
863	SG_863	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6369.900	1.63E-07	3.05E-07	Not Modelled	3.42E-09	1.51E-10	1.40E-06	1.63E-08	3.25E-09	3.25E-16	1.63E-09	3.89E-11	2.87E-11	7.98E-11	2.63E-10	1.55E-09	2.48E-11	5.61E-10	2.85E-08	2.64E-09	3.40E-08
864	SG_864	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6369.900	1.52E-07	2.86E-07	Not Modelled	3.19E-09	1.41E-10	1.31E-06	1.52E-08	3.04E-09	3.04E-16	1.52E-09	3.64E-11	2.68E-11	7.47E-11	2.46E-10	1.45E-09	2.32E-11	5.25E-10	2.67E-08	2.47E-09	3.18E-08
865	SG_865	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6369.900	1.41E-07	2.64E-07	Not Modelled	2.94E-09	1.30E-10	1.19E-06	1.40E-08	2.81E-09	2.81E-16	1.40E-09	3.36E-11	2.48E-11	6.89E-11	2.27E-10	1.34E-09	2.14E-11	4.84E-10	2.46E-08	2.28E-09	2.93E-08

AQIA DATA - SCENARIO 2 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
866	SG_866	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6369.900	1.31E-07	2.47E-07	Not Modelled	2.73E-09	1.21E-10	1.10E-06	1.31E-08	2.62E-09	2.62E-16	1.31E-09	3.14E-11	2.31E-11	6.43E-11	2.12E-10	1.25E-09	2.00E-11	4.52E-10	2.30E-08	2.13E-09	2.74E-08
867	SG_867	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6369.900	1.26E-07	2.38E-07	Not Modelled	2.60E-09	1.17E-10	1.05E-06	1.26E-08	2.52E-09	2.52E-16	1.26E-09	3.02E-11	2.22E-11	6.18E-11	2.04E-10	1.20E-09	1.92E-11	4.34E-10	2.21E-08	2.04E-09	2.63E-08
868	SG_868	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6369.900	1.20E-07	2.27E-07	Not Modelled	2.44E-09	1.11E-10	9.76E-07	1.20E-08	2.40E-09	2.40E-16	1.20E-09	2.87E-11	2.11E-11	5.88E-11	1.94E-10	1.14E-09	1.83E-11	4.13E-10	2.10E-08	1.95E-09	2.50E-08
869	SG_869	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6370.100	1.15E-07	2.04E-07	Not Modelled	1.89E-09	1.06E-10	1.06E-06	1.15E-08	2.29E-09	2.29E-16	1.15E-09	2.74E-11	2.02E-11	5.62E-11	1.85E-10	1.10E-09	1.75E-11	3.95E-10	2.01E-08	1.86E-09	2.39E-08
870	SG_870	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6370.100	1.25E-07	2.21E-07	Not Modelled	2.00E-09	1.16E-10	1.08E-06	1.25E-08	2.50E-09	2.50E-16	1.25E-09	2.99E-11	2.20E-11	6.13E-11	2.02E-10	1.19E-09	1.91E-11	4.31E-10	2.19E-08	2.03E-09	2.61E-08
871	SG_871	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6370.100	1.37E-07	2.41E-07	Not Modelled	2.14E-09	1.26E-10	1.14E-06	1.36E-08	2.72E-09	2.72E-16	1.36E-09	3.25E-11	2.40E-11	6.67E-11	2.20E-10	1.30E-09	2.08E-11	4.69E-10	2.38E-08	2.21E-09	2.84E-08
872	SG_872	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6370.100	1.49E-07	2.62E-07	Not Modelled	2.33E-09	1.37E-10	1.23E-06	1.48E-08	2.96E-09	2.96E-16	1.48E-09	3.54E-11	2.61E-11	7.26E-11	2.39E-10	1.41E-09	2.26E-11	5.10E-10	2.59E-08	2.40E-09	3.09E-08
873	SG_873	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6370.100	1.64E-07	2.87E-07	Not Modelled	2.59E-09	1.50E-10	1.37E-06	1.62E-08	3.24E-09	3.24E-16	1.62E-09	3.87E-11	2.85E-11	7.94E-11	2.61E-10	1.55E-09	2.47E-11	5.58E-10	2.83E-08	2.63E-09	3.38E-08
874	SG_874	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6370.100	1.79E-07	3.14E-07	Not Modelled	2.92E-09	1.63E-10	1.54E-06	1.76E-08	3.53E-09	3.53E-16	1.76E-09	4.22E-11	3.11E-11	8.65E-11	2.85E-10	1.68E-09	2.69E-11	6.08E-10	3.09E-08	2.86E-09	3.68E-08
875	SG_875	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6370.100	1.96E-07	3.42E-07	Not Modelled	3.34E-09	1.77E-10	1.74E-06	1.92E-08	3.83E-09	3.83E-16	1.92E-09	4.59E-11	3.38E-11	9.40E-11	3.09E-10	1.83E-09	2.93E-11	6.61E-10	3.36E-08	3.11E-09	4.00E-08
876	SG_876	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6370.100	2.16E-07	3.76E-07	Not Modelled	3.87E-09	1.94E-10	2.01E-06	2.10E-08	4.20E-09	4.20E-16	2.10E-09	5.03E-11	3.70E-11	1.03E-10	3.39E-10	2.01E-09	3.21E-11	7.24E-10	3.68E-08	3.41E-09	4.39E-08
877	SG_877	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6370.100	2.33E-07	3.95E-07	Not Modelled	4.35E-09	2.06E-10	2.24E-06	2.22E-08	4.45E-09	4.45E-16	2.22E-09	5.32E-11	3.92E-11	1.09E-10	3.59E-10	2.12E-09	3.39E-11	7.66E-10	3.89E-08	3.61E-09	4.64E-08
878	SG_878	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6370.100	2.43E-07	3.94E-07	Not Modelled	4.70E-09	2.09E-10	2.45E-06	2.25E-08	4.51E-09	4.51E-16	2.25E-09	5.39E-11	3.97E-11	1.11E-10	3.64E-10	2.15E-09	3.44E-11	7.77E-10	3.95E-08	3.66E-09	4.70E-08
879	SG_879	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6370.100	2.43E-07	3.69E-07	Not Modelled	4.86E-09	2.01E-10	2.51E-06	2.17E-08	4.34E-09	4.34E-16	2.17E-09	5.20E-11	3.83E-11	1.07E-10	3.51E-10	2.07E-09	3.32E-11	7.49E-10	3.80E-08	3.52E-09	4.53E-08
880	SG_880	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.900	6370.100	2.36E-07	3.54E-07	Not Modelled	5.00E-09	1.95E-10	2.43E-06	2.11E-08	4.22E-09	4.22E-16	2.11E-09	5.04E-11	3.72E-11	1.03E-10	3.40E-10	2.01E-09	3.22E-11	7.27E-10	3.69E-08	3.42E-09	4.40E-08
885	SG_885	Sampling Grid - 200m	Commercial/ Industrial	Offsite	379.900	6370.100	1.83E-07	3.20E-07	Not Modelled	4.15E-09	1.69E-10	1.49E-06	1.82E-08	3.65E-09	3.65E-16	1.82E-09	4.36E-11	3.21E-11	8.94E-11	2.94E-10	1.74E-09	2.78E-11	6.29E-10	3.19E-08	2.96E-09	3.81E-08
886	SG_886	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6370.100	1.76E-07	3.11E-07	Not Modelled	3.96E-09	1.63E-10	1.49E-06	1.76E-08	3.51E-09	3.51E-16	1.76E-09	4.20E-11	3.10E-11	8.62E-11	2.84E-10	1.68E-09	2.68E-11	6.06E-10	3.08E-08	2.85E-09	3.67E-08
887	SG_887	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6370.100	1.72E-07	3.07E-07	Not Modelled	3.82E-09	1.59E-10	1.48E-06	1.72E-08	3.44E-09	3.44E-16	1.72E-09	4.11E-11	3.03E-11	8.43E-11	2.78E-10	1.64E-09	2.63E-11	5.93E-10	3.01E-08	2.79E-09	3.59E-08
888	SG_888	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6370.100	1.73E-07	3.12E-07	Not Modelled	3.79E-09	1.60E-10	1.49E-06	1.73E-08	3.46E-09	3.46E-16	1.73E-09	4.14E-11	3.05E-11	8.49E-11	2.80E-10	1.65E-09	2.64E-11	5.97E-10	3.03E-08	2.81E-09	3.61E-08
889	SG_889	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6370.100	1.77E-07	3.22E-07	Not Modelled	3.84E-09	1.64E-10	1.52E-06	1.77E-08	3.53E-09	3.53E-16	1.77E-09	4.23E-11	3.11E-11	8.67E-11	2.85E-10	1.69E-09	2.70E-11	6.09E-10	3.09E-08	2.87E-09	3.69E-08
890	SG_890	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6370.100	1.82E-07	3.37E-07	Not Modelled	3.95E-09	1.69E-10	1.57E-06	1.82E-08	3.65E-09	3.65E-16	1.82E-09	4.36E-11	3.21E-11	8.94E-11	2.94E-10	1.74E-09	2.78E-11	6.29E-10	3.19E-08	2.96E-09	3.81E-08
891	SG_891	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6370.100	1.84E-07	3.43E-07	Not Modelled	3.97E-09	1.70E-10	1.59E-06	1.84E-08	3.68E-09	3.68E-16	1.84E-09	4.40E-11	3.24E-11	9.02E-11	2.97E-10	1.76E-09	2.81E-11	6.34E-10	3.22E-08	2.98E-09	3.84E-08
892	SG_892	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6370.100	1.78E-07	3.34E-07	Not Modelled	3.83E-09	1.65E-10	1.53E-06	1.78E-08	3.56E-09	3.56E-16	1.78E-09	4.26E-11	3.14E-11	8.74E-11	2.88E-10	1.70E-09	2.72E-11	6.14E-10	3.12E-08	2.89E-09	3.72E-08
893	SG_893	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6370.100	1.67E-07	3.13E-07	Not Modelled	3.57E-09	1.54E-10	1.42E-06	1.67E-08	3.34E-09	3.34E-16	1.67E-09	3.99E-11	2.94E-11	8.18E-11	2.69E-10	1.59E-09	2.55E-11	5.75E-10	2.92E-08	2.71E-09	3.48E-08
894	SG_894	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6370.100	1.59E-07	2.98E-07	Not Modelled	3.37E-09	1.47E-10	1.35E-06	1.58E-08	3.17E-09	3.17E-16	1.59E-09	3.79E-11	2.79E-11	7.77E-11	2.56E-10	1.51E-09	2.42E-11	5.46E-10	2.77E-08	2.57E-09	3.31E-08
895	SG_895	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6370.100	1.45E-07	2.72E-07	Not Modelled	3.07E-09	1.34E-10	1.20E-06	1.45E-08	2.89E-09	2.89E-16	1.45E-09	3.46E-11	2.55E-11	7.09E-11	2.33E-10	1.38E-09	2.21E-11	4.98E-10	2.53E-08	2.34E-09	3.02E-08
896	SG_896	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6370.100	1.31E-07	2.46E-07	Not Modelled	2.79E-09	1.21E-10	1.06E-06	1.31E-08	2.62E-09	2.62E-16	1.31E-09	3.14E-11	2.31E-11	6.43E-11	2.12E-10	1.25E-09	2.00E-11	4.52E-10	2.30E-08	2.13E-09	2.74E-08
897	SG_897	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6370.100	1.22E-07	2.29E-07	Not Modelled	2.59E-09	1.13E-10	9.80E-07	1.22E-08	2.44E-09	2.44E-16	1.22E-09	2.92E-11	2.15E-11	5.99E-11	1.97E-10	1.17E-09	1.86E-11	4.21E-10	2.14E-08	1.98E-09	2.55E-08
898	SG_898	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6370.100	1.15E-07	2.16E-07	Not Modelled	2.43E-09	1.06E-10	9.13E-07	1.15E-08	2.30E-09	2.30E-16	1.15E-09	2.75E-11	2.03E-11	5.64E-11	1.86E-10	1.10E-09	1.75E-11	3.96E-10	2.01E-08	1.86E-09	2.40E-08
899	SG_899	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6370.100	1.11E-07	2.10E-07	Not Modelled	2.33E-09	1.03E-10	8.83E-07	1.11E-08	2.22E-09	2.22E-16	1.11E-09	2.66E-11	1.96E-11	5.45E-11	1.80E-10	1.06E-09	1.70E-11	3.83E-10	1.95E-08	1.80E-09	2.32E-08
900	SG_900	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6370.300	1.13E-07	2.00E-07	Not Modelled	1.84E-09	1.04E-10	9.88E-07	1.12E-08	2.24E-09	2.24E-16	1.12E-09	2.68E-11	1.98E-11	5.50E-11	1.81E-10	1.07E-09	1.71E-11	3.87E-10	1.96E-08	1.82E-09	2.34E-08
901	SG_901	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6370.300	1.25E-07	2.22E-07	Not Modelled	1.99E-09	1.15E-10	1.05E-06	1.24E-08	2.48E-09	2.48E-16	1.24E-09	2.97E-11	2.19E-11	6.09E-11	2.00E-10	1.18E-09	1.89E-11	4.28E-10	2.17E-08	2.01E-09	2.59E-08
902	SG_902	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6370.300	1.36E-07	2.41E-07	Not Modelled	2.15E-09	1.25E-10	1.12E-06	1.35E-08	2.70E-09	2.70E-16	1.35E-09	3.23E-11	2.38E-11	6.62E-11	2.18E-10	1.29E-09	2.06E-11	4.66E-10	2.36E-08	2.19E-09	2.82E-08
903	SG_903	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6370.300	1.46E-07	2.58E-07	Not Modelled	2.31E-09	1.34E-10	1.21E-06	1.45E-08	2.90E-09	2.90E-16	1.45E-09	3.47E-11	2.55E-11	7.11E-11	2.34E-10	1.38E-09	2.21E-11	4.99E-10	2.54E-08	2.35E-09	3.02E-08
904	SG_904	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6370.300	1.59E-07	2.79E-07	Not Modelled	2.56E-09	1.45E-10	1.35E-06	1.56E-08	3.13E-09	3.13E-16	1.56E-09	3.74E-11	2.76E-11	7.67E-11	2.52E-10	1.49E-09	2.39E-11	5.39E-10	2.74E-08	2.54E-09	3.26E-08
905	SG_905	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6370.300	1.72E-07	2.98E-07	Not Modelled	2.87E-09	1.55E-10	1.52E-06	1.67E-08	3.35E-09	3.35E-16	1.68E-09	4.01E-11	2.95E-11	8.21E-11	2.70E-10	1.60E-09	2.56E-11	5.77E-10	2.93E-08	2.72E-09	3.49E-08
906	SG_906	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6370.300	1.87E-07	3.20E-07	Not Modelled	3.26E-09	1.66E-10	1.71E-06	1.80E-08	3.60E-09	3.60E-16	1.80E-09	4.30E-11	3.17E-11	8.82E-11	2.91E-10	1.72E-09	2.75E-11	6.20E-10	3.15E-08	2.92E-09	3.76E-08
907	SG_907	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6370.300	2.02E-07	3.45E-07	Not Modelled	3.71E-09	1.79E-10	1.92E-06	1.94E-08	3.87E-09	3.87E-16	1.94E-09	4.63E-11	3.41E-11	9.49E-11	3.13E-10	1.85E-09	2.95E-11	6.67E-10	3.39E-08	3.14E-09	4.04E-08
908	SG_908	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6370.300	2.14E-07	3.60E-07	Not Modelled	4.11E-09	1.88E-10	2.09E-06	2.03E-08	4.05E-09	4.05E-16	2.03E-09	4.85E-11	3.57E-11	9.94E-11	3.27E-10	1.94E-09	3.10E-11	6.99E-10	3.55E-08	3.29E-09	4.23E-08
909	SG_909	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6370.300	2.20E-07	3.56E-07	Not Modelled	4.39E-09	1.88E-10	2.21E-06	2.04E-08	4.07E-09	4.07E-16	2.04E-09	4.87E-11	3.59E-11	9.99E-11	3.29E-10	1.94E-09	3.11E-11	7.02E-10	3.57E-08	3.30E-09	4.25E-08
910	SG_910	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.700	6370.300	2.20E-07	3.39E-07	Not Modelled	4.53E-09	1.83E-10	2.24E-06	1.98E-08	3.96E-09	3.96E-16	1.98E-09	4.73E-11	3.49E-11	9.70E-11	3.20E-10	1.89E-09	3.02E-11	6.82E-10	3.46E-08	3.21E-09	4.13E-08
917	SG_917	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.100	6370.300	1.54E-07	2.71E-07	Not Modelled	3.48E-09	1.42E-10	1.26E-06	1.54E-08	3.07E-09	3.07E-16	1.54E-09	3.67E-11	2.71E-11	7.53E-11	2.48E-10	1.47E-09	2.34E-11	5.29E-10	2.69E-08	2.49E-09	3.20E-08
918	SG_918	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6370.300	1.50E-07	2.66E-07	Not Modelled	3.36E-09	1.38E-10	1.23E-06	1.49E-08	2.99E-09	2.99E-16	1.49E-09	3.57E-11	2.63E-11	7.33E-11	2.41E-10	1.43E-09	2.28E-11	5.15E-10	2.62E-08	2.42E-09	3.12E-08
919	SG_919	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6370.300	1.53E-07	2.74E-07	Not Modelled	3.39E-09	1.41E-10	1.28E-06	1.52E-08	3.05E-09	3.05E-16	1.53E-09	3.65E-11	2.69E-11	7.48E-11	2.46E-10	1.46E-09	2.33E-11	5.26E-10	2.67E-08	2.47E-09	3.18E-08
920	SG_920	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6370.300	1.58E-07	2.87E-07	Not Modelled	3.47E-09	1.46E-10	1.33E-06	1.57E-08	3.15E-09	3.15E-16	1.58E-09	3.77E-11	2.78E-11	7.72E-11	2.54E-10	1.50E-09	2.40E-11	5.43E-10	2.76E-08	2.55E-09	3.29E-08
921	SG_921	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6370.300	1.63E-07	3.01E-07	Not Modelled	3.57E-09	1.51E-10	1.38E-06	1.63E-08	3.26E-09	3.26E-16	1.63E-09	3.90E-11	2.87E-11	8.00E-11	2.63E-10	1.56E-09	2.49E-11	5.62E-10	2.85E-08	2.65E-09	3.40E-08
922	SG_922	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6370.300	1.65E-07	3.06E-07	Not Modelled	3.59E-09	1.52E-10	1.38E-06	1.65E-08	3.29E-09	3.29E-16	1.65E-09	3.94E-11	2.90E-11	8.08E-11	2.66E-10	1.57E-09	2.51E-11	5.68E-10	2.88E-08	2.67E-09	3.44E-08
923	SG_923	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6370.300	1.60E-07	2.97E-07	Not Modelled	3.48E-09	1.48E-10	1.32E-06	1.59E-08	3.19E-09	3.19E-16	1.59E-09	3.81E-11	2.81E-11	7.82E-11	2.57E-10	1.52E-09	2.43E-11	5.49E-10	2.79E-08	2.59E-09	3.33E-08
924	SG_924	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6370.300	1.51E-07	2.83E-07	Not Modelled	3.29E-09	1.40E-10	1.23E-06	1.51E-08	3.03E-09	3.03E-16	1.51E-09	3.62E-11	2.67E-11	7.42E-11	2.44E-10	1.45E-09	2.31E-11	5.22E-10	2.65E-08	2.46E-09	3.16E-08
925	SG_925	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6370.300	1.46E-07	2.73E-07	Not Modelled	3.15E-09	1.35E-10	1.19E-06	1.46E-08	2.91E-09	2.91E-16	1.46E-09	3.48E-11	2.57E-11	7.14E-11	2.35E-10	1.39E-09	2.22E-11	5.02E-10	2.55E-08	2.36E-09	3.04E-08
926	SG_926	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6370.300	1.38E-07	2.60E-07	Not Modelled	2.97E-09	1.28E-10	1.12E-06	1.38E-08	2.77E-09	2.77E-16	1.38E-09	3.31E-11	2.44E-11	6.78E-11	2.23E-10	1.32E-09	2.11E-11	4.77E-10	2.42E-08	2.24E-09	2.89E-08
927	SG_927	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.100	6370.300	1.26E-07	2.36E-07	Not Modelled	2.70E-09	1.16E-10	9.95E-07	1.26E-08	2.51E-09	2.51E-16	1.26E-09	3.01E-11	2.21E-11	6.16E-11	2.03E-10	1.20E-09	1.92E-11	4.33E-10	2.20E-08	2.04E-09	2.62E-08
928	SG_928	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.300	6370.300	1.19E-07	2.24E-07	Not Modelled	2.55E-09	1.10E-10	9.38E-07	1.19E-08	2.38E-09	2.38E-16	1.19E-09	2.84E-11	2.10E-11	5.83E-11	1.92E-10	1.14E-09	1.82E-11	4.10E-10	2.08E-08	1.93E-09	2.48E-08
929	SG_929	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.500	6370.300	1.11E-07	2.09E-07	Not Modelled	2.39E-09	1.03E-10	8.67E-07	1.11E-08	2.22E-09	2.22E-16	1.11E-09	2.66E-11	1.96E-11	5.45E-11	1.79E-10	1.06E-09	1.70E-11	3.83E-10	1.95E-08	1.80E-09	2.32E-08
930	SG_930	Sampling Grid - 200m	Commercial/ Industrial	Offsite	382.700	6370.300	1.06E-07	1.99E-07	Not Modelled	2.27E-09	9.79E-11	8.22E-07	1.06E-08	2.12E-09	2.12E-16	1.06E-09	2.53E-11	1.87E-11	5.19E-11	1.71E-10	1.01E-09	1.62E-11	3.65E-10	1.85E-08	1.72E-09	2.21E-08
931	SG_931	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.700	6370.500	1.14E-07	2.05E-07	Not Modelled	1.87E-09	1.05E-10	9.89E-07	1.14E-08	2.28E-09	2.28E-16	1.14E-09	2.73E-11	2.01E-11	5.59E-11	1.84E-10	1.09E-09	1.74E-11	3.93E-10	1.99E-08	1.85E-09	2.38E-08
932	SG_932	Sampling Grid - 200m	Commercial/ Industrial	Offsite	376.900	6370.500	1.26E-07	2.26E-07	Not Modelled	2.02E-09	1.16E-10	1.06E-06	1.25E-08	2.50E-09	2.50E-16	1.25E-09	3.00E-11	2.21E-11	6.14E-11	2.02E-10	1.20E-09	1.91E-11	4.32E-10	2.19E-08	2.03E-09	2.61E-08
933	SG_933	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.100	6370.500	1.35E-07	2.42E-07	Not Modelled	2.16E-09	1.24E-10	1.13E-06	1.34E-08	2.68E-09	2.68E-16	1.34E-09	3.21E-11	2.37E-11	6.58E-11	2.17E-10	1.28E-09	2.05E-11	4.63E-10	2.35E-08	2.18E-09	2.80E-08
934	SG_934	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.300	6370.500	1.44E-07	2.53E-07	Not Modelled	2.31E-09	1.31E-10	1.21E-06	1.41E-08	2.83E-09	2.83E-16	1.41E-09	3.38E-11	2.49E-11	6.93E-11	2.28E-10	1.35E-09	2.16E-11	4.87E-10	2.47E-08	2.29E-09	2.95E-08
935	SG_935	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.500	6370.500	1.52E-07	2.62E-07	Not Modelled	2.49E-09	1.36E-10	1.32E-06	1.47E-08	2.94E-09	2.94E-16	1.47E-09	3.52E-11	2.59E-11	7.21E-11	2.37E-10	1.40E-09	2.25E-11	5.07E-10	2.57E-08	2.39E-09	3.07E-08
936	SG_936	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.700	6370.500	1.63E-07	2.74E-07	Not Modelled	2.77E-09	1.43E-10	1.49E-06	1.55E-08	3.10E-09	3.10E-16	1.55E-09	3.71E-11	2.73E-11	7.60E-11	2.50E-10	1.48E-09	2.37E-11	5.34E-10	2.71E-08	2.51E-09	3.23E-08
937	SG_937	Sampling Grid - 200m	Commercial/ Industrial	Offsite	377.900	6370.500	1.75E-07	2.90E-07	Not Modelled	3.12E-09	1.52E-10	1.67E-06	1.65E-08	3.29E-09	3.29E-16	1.65E-09	3.94E-11	2.90E-11	8.07E-11	2.66E-10	1.57E-09	2.51E-11	5.68E-10	2.88E-08	2.67E-09	3.44E-08
938	SG_938	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.100	6370.500	1.88E-07	3.11E-07	Not Modelled	3.53E-09	1.63E-10	1.84E-06	1.76E-08	3.52E-09	3.52E-16	1.76E-09	4.21E-11	3.10E-11	8.63E-11	2.84E-10	1.68E-09	2.69E-11	6.07E-10	3.08E-08	2.86E-09	3.67E-08
939	SG_939	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.300	6370.500	2.03E-07	3.38E-07	Not Modelled	4.01E-09	1.77E-10	2.04E-06	1.91E-08	3.81E-09	3.81E-16	1.91E-09	4.56E-11	3.36E-11	9.35E-11	3.08E-10	1.82E-09	2.91E-11	6.58E-10	3.34E-08	3.09E-09	3.98E-08
940	SG_940	Sampling Grid - 200m	Commercial/ Industrial	Offsite	378.500	6370.500	2.08E-07	3.42E-07	Not Modelled	4.29E-09	1.79E-10	2.07E-06	1.94E-08	3.87E-09	3.87E-16	1.94E-09	4.63E-11	3.41E-11	9.50E-11	3.13E-10	1.85E-09	2.96E-11	6.68E-10	3.39E-08	3.14E-09	4.04E-08
949	SG_949	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.300	6370.500	1.35E-07	2.41E-07	Not Modelled	3.07E-09	1.25E-10	1.10E-06	1.35E-08	2.70E-09	2.70E-16	1.35E-09	3.23E-11	2.38E-11	6.63E-11	2.18E-10	1.29E-09	2.06E-11	4.66E-10	2.37E-08	2.19E-09	2.82E-08
950	SG_950	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.500	6370.500	1.37E-07	2.46E-07	Not Modelled	3.08E-09	1.26E-10	1.12E-06	1.37E-08	2.73E-09	2.73E-16	1.37E-09	3.27E-11	2.41E-11	6.70E-11	2.20E-10	1.30E-09	2.08E-11	4.71E-10	2.39E-08	2.21E-09	2.85E-08
951	SG_951	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.700	6370.500	1.39E-07	2.51E-07	Not Modelled	3.10E-09	1.28E-10	1.13E-06	1.38E-08	2.77E-09	2.77E-16	1.38E-09	3.31E-11	2.44E-11	6.79E-11	2.23E-10	1.32E-09	2.11E-11	4.77E-10	2.42E-08	2.24E-09	2.89E-08
952	SG_952	Sampling Grid - 200m	Commercial/ Industrial	Offsite	380.900	6370.500	1.43E-07	2.62E-07	Not Modelled	3.18E-09	1.32E-10	1.16E-06	1.43E-08	2.85E-09	2.85E-16	1.43E-09	3.42E-11	2.52E-11	7.00E-11	2.31E-10	1.36E-09	2.18E-11	4.92E-10	2.50E-08	2.32E-09	2.98E-08
953	SG_953	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.100	6370.500	1.49E-07	2.76E-07	Not Modelled	3.28E-09	1.38E-10	1.22E-06	1.49E-08	2.97E-09	2.97E-16	1.49E-09	3.56E-11	2.62E-11	7.29E-11	2.40E-10	1.42E-09	2.27E-11	5.13E-10	2.60E-08	2.41E-09	3.10E-08
954	SG_954	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.300	6370.500	1.49E-07	2.77E-07	Not Modelled	3.27E-09	1.38E-10	1.21E-06	1.49E-08	2.97E-09	2.97E-16	1.49E-09	3.56E-11	2.62E-11	7.29E-11	2.40E-10	1.42E-09	2.27E-11	5.12E-10	2.60E-08	2.41E-09	3.10E-08
955	SG_955	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.500	6370.500	1.43E-07	2.66E-07	Not Modelled	3.13E-09	1.32E-10	1.14E-06	1.42E-08	2.85E-09	2.85E-16	1.42E-09	3.41E-11	2.51E-11	6.99E-11	2.30E-10	1.36E-09	2.17E-11	4.91E-10	2.49E-08	2.31E-09	2.97E-08
956	SG_956	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.700	6370.500	1.37E-07	2.56E-07	Not Modelled	2.99E-09	1.26E-10	1.08E-06	1.36E-08	2.73E-09	2.73E-16	1.36E-09	3.26E-11	2.40E-11	6.69E-11	2.20E-10	1.30E-09	2.08E-11	4.70E-10	2.39E-08	2.21E-09	2.85E-08
957	SG_957	Sampling Grid - 200m	Commercial/ Industrial	Offsite	381.900	6370.500	1.30E-07	2.44E-07	Not Modelled	2.83E-09	1.20E-10	1.03E-06	1.30E-08	2.60E-09	2.60E-16	1.30E-09	3.11E-11	2.29E-11	6.38E-11	2.10E-10	1.24E-09	1.99E-11	4.48E-10	2.28E-08	2.11E-09	2.72E-08
1012	SR_51	Sensitive Receptor	Commercial	Offsite	380.025	6370.050	1.86E-07	3.27E-07	Not Modelled	4.18E-09	1.71E-10	1.57E-06	1.85E-08	3.70E-09	3.70E-16	1.85E-09	4.43E-11	3.26E-11	9.08E-11	2.99E-10	1.77E-09	2.83E-11	6.38E-10	3.24E-08	3.00E-09	3.86E-08
1013	SR_52	Sensitive Receptor	Commercial	Offsite	379.877	6369.978	2.05E-07	3.60E-07	Not Modelled	4.66E-09	1.89E-10	1.73E-06	2.05E-08	4.09E-09	4.09E-16	2.05E-09	4.90E-11	3.61E-11	1.00E-10	3.30E-10	1.95E-09	3.12E-11	7.05E-10	3.58E-08	3.32E-09	4.27E-08
1014	SR_53	Sensitive Receptor	Commercial	Offsite	380.968	6368.921	2.98E-07	5.51E-07	Not Modelled	6.28E-09	2.75E-10	3.19E-06	2.98E-08	5.95E-09	5.95E-16	2.98E-09	7.12E-11	5.25E-11	1.46E-10	4.81E-10	2.84E-09	4.54E-11	1.03E-09	5.21E-08	4.83E-09	6.21E-08
1015	SR_54	Sensitive Receptor	Commercial	Offsite	381.099	6368.904	2.66E-07	4.92E-07	Not Modelled	5.67E-09	2.46E-10	2.90E-06	2.66E-08	5.32E-09	5.32E-16	2.66E-09	6.37E-11	4.69E-11	1.30E-10	4.30E-10	2.54E-09	4.06E-11	9.17E-10	4.66E-08	4.32E-09	5.55E-08
1016	SR_55	Sensitive Receptor	Commercial	Offsite	381.221	6368.883	2.47E-07	4.57E-07	Not Modelled	5.20E-09	2.28E-10	2.69E-06	2.47E-08	4.93E-09	4.93E-16	2.47E-09	5.90E-11	4.35E-11	1.21E-10	3.98E-10	2.36E-09	3.77E-11	8.50E-10	4.32E-08	4.00E-09	5.15E-08
1017	SR_56	Sensitive Receptor	Commercial	Offsite	380.947	6368.811	3.16E-07	5.84E-07	Not Modelled	6.51E-09	2.92E-10	3.41E-06	3.16E-08	6.31E-09	6.31E-16	3.16E-09	7.55E-11	5.57E-11	1.55E-10	5.10E-10	3.01E-09	4.82E-11	1.09E-09	5.53E-08	5.12E-09	6.59E-08
1018	SR_57	Sensitive Receptor	Commercial	Offsite	381.082	6368.798	2.82E-07	5.21E-07	Not Modelled	5.83E-09	2.60E-10	3.09E-06	2.81E-08	5.63E-09	5.63E-16	2.81E-09	6.73E-11	4.96E-11	1.38E-10	4.54E-10	2.69E-09	4.30E-11	9.70E-10	4.93E-08	4.57E-09	5.87E-08
1019	SR_58	Sensitive Receptor	Commercial	Offsite	381.293	6368.773	2.52E-07	4.68E-07	Not Modelled	5.06E-09	2.33E-10	2.71E-06	2.52E-08	5.04E-09	5.04E-16	2.52E-09	6.03E-11	4.44E-11	1.24E-10	4.07E-10	2.41E-09	3.85E-11	8.69E-10	4.41E-08	4.09E-09	5.26E-08
1020	SR_59	Sensitive Receptor	Commercial	Offsite	381.200	6368.219	3.73E-07	7.00E-07	Not Modelled	6.93E-09	3.45E-10	3.85E-06	3.73E-08	7.45E-09	7.45E-16	3.73E-09	8.91E-11	6.57E-11	1.83E-10	6.02E-10	3.56E-09	5.69E-11	1.28E-09	6.52E-08	6.04E-09	7.78E-08
1021	SR_60	Sensitive Receptor	Commercial	Offsite	382.315	6367.708	2.51E-07	4.79E-07	Not Modelled	5.47E-09	2.32E-10	2.63E-06	2.51E-08	5.01E-09	5.01E-16	2.51E-09	6.00E-11	4.42E-11	1.23E-10	4.05E-10	2.39E-09	3.83E-11	8.64E-10	4.39E-08	4.07E-09	5.23E-08
1022	SR_61	Sensitive Receptor	Commercial	Offsite	382.259	6367.717	2.58E-07	4.93E-07	Not Modelled	5.60E-09	2.39E-10	2.69E-06	2.58E-08	5.16E-09	5.16E-16	2.58E-09	6.18E-11	4.55E-11	1.27E-10	4.17E-10	2.46E-09	3.94E-11	8.90E-10	4.52E-08	4.19E-09	5.39E-08

AQIA DATA - SCENARIO 2 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1023	SR_62	Sensitive Receptor	Commercial	Offsite	382.229	6367.724	2.63E-07	5.01E-07	Not Modelled	5.68E-09	2.43E-10	2.73E-06	2.63E-08	5.25E-09	5.25E-16	2.63E-09	6.29E-11	4.63E-11	1.29E-10	4.24E-10	2.51E-09	4.01E-11	9.06E-10	4.60E-08	4.26E-09	5.48E-08
1024	SR_63	Sensitive Receptor	Commercial	Offsite	382.198	6367.730	2.67E-07	5.09E-07	Not Modelled	5.76E-09	2.47E-10	2.77E-06	2.67E-08	5.33E-09	5.33E-16	2.67E-09	6.38E-11	4.70E-11	1.31E-10	4.31E-10	2.55E-09	4.07E-11	9.20E-10	4.67E-08	4.33E-09	5.57E-08
1025	SR_64	Sensitive Receptor	Commercial	Offsite	382.142	6367.732	2.74E-07	5.22E-07	Not Modelled	5.90E-09	2.54E-10	2.84E-06	2.74E-08	5.48E-09	5.48E-16	2.74E-09	6.56E-11	4.83E-11	1.34E-10	4.42E-10	2.62E-09	4.18E-11	9.45E-10	4.80E-08	4.45E-09	5.72E-08
1026	SR_65	Sensitive Receptor	Commercial	Offsite	382.096	6367.715	2.82E-07	5.38E-07	Not Modelled	6.11E-09	2.61E-10	2.94E-06	2.82E-08	5.65E-09	5.65E-16	2.82E-09	6.75E-11	4.98E-11	1.38E-10	4.56E-10	2.70E-09	4.31E-11	9.73E-10	4.94E-08	4.58E-09	5.89E-08
1027	SR_66	Sensitive Receptor	Commercial	Offsite	382.059	6367.688	2.92E-07	5.57E-07	Not Modelled	6.38E-09	2.70E-10	3.08E-06	2.92E-08	5.84E-09	5.84E-16	2.92E-09	6.99E-11	5.15E-11	1.43E-10	4.72E-10	2.79E-09	4.46E-11	1.01E-09	5.12E-08	4.74E-09	6.10E-08
1028	SR_67	Sensitive Receptor	Commercial	Offsite	381.984	6367.635	3.14E-07	5.99E-07	Not Modelled	7.01E-09	2.90E-10	3.42E-06	3.14E-08	6.27E-09	6.27E-16	3.14E-09	7.51E-11	5.53E-11	1.54E-10	5.07E-10	3.00E-09	4.79E-11	1.08E-09	5.49E-08	5.09E-09	6.55E-08
1029	SR_68	Sensitive Receptor	Commercial	Offsite	381.937	6367.607	3.25E-07	6.20E-07	Not Modelled	7.39E-09	3.01E-10	3.61E-06	3.25E-08	6.50E-09	6.50E-16	3.25E-09	7.78E-11	5.73E-11	1.59E-10	5.25E-10	3.10E-09	4.96E-11	1.12E-09	5.69E-08	5.27E-09	6.79E-08
1030	SR_69	Sensitive Receptor	Commercial	Offsite	381.900	6367.578	3.33E-07	6.34E-07	Not Modelled	7.71E-09	3.08E-10	3.76E-06	3.32E-08	6.65E-09	6.65E-16	3.33E-09	7.95E-11	5.86E-11	1.63E-10	5.37E-10	3.17E-09	5.08E-11	1.15E-09	5.82E-08	5.39E-09	6.94E-08
1031	SR_70	Sensitive Receptor	Commercial	Offsite	382.308	6367.664	2.55E-07	4.88E-07	Not Modelled	5.64E-09	2.36E-10	2.72E-06	2.55E-08	5.10E-09	5.10E-16	2.55E-09	6.11E-11	4.50E-11	1.25E-10	4.12E-10	2.44E-09	3.90E-11	8.80E-10	4.47E-08	4.14E-09	5.33E-08
1032	SR_71	Sensitive Receptor	Commercial	Offsite	382.279	6367.620	2.60E-07	4.97E-07	Not Modelled	5.84E-09	2.41E-10	2.81E-06	2.60E-08	5.20E-09	5.20E-16	2.60E-09	6.22E-11	4.58E-11	1.28E-10	4.20E-10	2.48E-09	3.97E-11	8.96E-10	4.55E-08	4.22E-09	5.43E-08
1033	SR_72	Sensitive Receptor	Commercial	Offsite	382.244	6367.607	2.66E-07	5.08E-07	Not Modelled	6.00E-09	2.46E-10	2.89E-06	2.66E-08	5.32E-09	5.32E-16	2.66E-09	6.37E-11	4.69E-11	1.31E-10	4.30E-10	2.54E-09	4.06E-11	9.18E-10	4.66E-08	4.32E-09	5.55E-08
1034	SR_73	Sensitive Receptor	Commercial	Offsite	382.213	6367.622	2.71E-07	5.18E-07	Not Modelled	6.08E-09	2.51E-10	2.93E-06	2.71E-08	5.42E-09	5.42E-16	2.71E-09	6.49E-11	4.78E-11	1.33E-10	4.38E-10	2.59E-09	4.14E-11	9.35E-10	4.75E-08	4.40E-09	5.66E-08
1035	SR_74	Sensitive Receptor	Commercial	Offsite	382.187	6367.624	2.76E-07	5.27E-07	Not Modelled	6.17E-09	2.55E-10	2.97E-06	2.76E-08	5.51E-09	5.51E-16	2.76E-09	6.60E-11	4.86E-11	1.35E-10	4.45E-10	2.63E-09	4.21E-11	9.50E-10	4.83E-08	4.47E-09	5.75E-08
1036	SR_75	Sensitive Receptor	Commercial	Offsite	382.123	6367.629	2.87E-07	5.47E-07	Not Modelled	6.40E-09	2.65E-10	3.09E-06	2.87E-08	5.73E-09	5.73E-16	2.87E-09	6.86E-11	5.05E-11	1.41E-10	4.63E-10	2.74E-09	4.38E-11	9.88E-10	5.02E-08	4.65E-09	5.98E-08
1037	SR_76	Sensitive Receptor	Commercial	Offsite	382.050	6367.569	3.02E-07	5.76E-07	Not Modelled	6.95E-09	2.79E-10	3.36E-06	3.02E-08	6.04E-09	6.04E-16	3.02E-09	7.22E-11	5.32E-11	1.48E-10	4.87E-10	2.88E-09	4.61E-11	1.04E-09	5.28E-08	4.90E-09	6.30E-08
1038	SR_77	Sensitive Receptor	Commercial	Offsite	382.028	6367.547	3.08E-07	5.88E-07	Not Modelled	7.18E-09	2.85E-10	3.48E-06	3.08E-08	6.16E-09	6.16E-16	3.08E-09	7.37E-11	5.43E-11	1.51E-10	4.97E-10	2.94E-09	4.70E-11	1.06E-09	5.39E-08	5.00E-09	6.43E-08
1039	SR_78	Sensitive Receptor	Commercial	Offsite	381.920	6367.470	3.33E-07	6.35E-07	Not Modelled	8.23E-09	3.08E-10	4.03E-06	3.32E-08	6.65E-09	6.65E-16	3.33E-09	7.95E-11	5.86E-11	1.63E-10	5.37E-10	3.17E-09	5.08E-11	1.15E-09	5.82E-08	5.39E-09	6.94E-08
1040	SR_79	Sensitive Receptor	Commercial	Offsite	381.968	6367.507	3.22E-07	6.14E-07	Not Modelled	7.71E-09	2.97E-10	3.76E-06	3.21E-08	6.43E-09	6.43E-16	3.22E-09	7.69E-11	5.67E-11	1.58E-10	5.19E-10	3.07E-09	4.91E-11	1.11E-09	5.63E-08	5.22E-09	6.71E-08
1041	SR_80	Sensitive Receptor	Commercial	Offsite	381.984	6367.474	3.21E-07	6.13E-07	Not Modelled	7.83E-09	2.97E-10	3.83E-06	3.21E-08	6.41E-09	6.41E-16	3.21E-09	7.67E-11	5.65E-11	1.57E-10	5.18E-10	3.06E-09	4.90E-11	1.11E-09	5.61E-08	5.20E-09	6.69E-08
1042	SR_81	Sensitive Receptor	Commercial	Offsite	381.992	6367.443	3.21E-07	6.13E-07	Not Modelled	7.97E-09	2.97E-10	3.91E-06	3.21E-08	6.42E-09	6.42E-16	3.21E-09	7.68E-11	5.66E-11	1.57E-10	5.18E-10	3.06E-09	4.90E-11	1.11E-09	5.62E-08	5.21E-09	6.70E-08
1043	SR_82	Sensitive Receptor	Commercial	Offsite	382.087	6367.492	3.00E-07	5.73E-07	Not Modelled	7.16E-09	2.77E-10	3.48E-06	3.00E-08	5.99E-09	5.99E-16	3.00E-09	7.17E-11	5.28E-11	1.47E-10	4.84E-10	2.86E-09	4.58E-11	1.03E-09	5.25E-08	4.86E-09	6.25E-08
1044	SR_83	Sensitive Receptor	Commercial	Offsite	382.279	6367.503	2.61E-07	4.99E-07	Not Modelled	6.18E-09	2.42E-10	3.00E-06	2.61E-08	5.22E-09	5.22E-16	2.61E-09	6.25E-11	4.60E-11	1.28E-10	4.22E-10	2.49E-09	3.99E-11	9.00E-10	4.57E-08	4.24E-09	5.45E-08
1045	SR_84	Sensitive Receptor	Commercial	Offsite	382.134	6367.415	2.95E-07	5.65E-07	Not Modelled	7.33E-09	2.73E-10	3.61E-06	2.95E-08	5.90E-09	5.90E-16	2.95E-09	7.06E-11	5.20E-11	1.45E-10	4.77E-10	2.82E-09	4.51E-11	1.02E-09	5.17E-08	4.79E-09	6.16E-08
1046	SR_85	Sensitive Receptor	Commercial	Offsite	382.025	6367.371	3.16E-07	6.04E-07	Not Modelled	8.16E-09	2.92E-10	4.04E-06	3.16E-08	6.31E-09	6.31E-16	3.16E-09	7.55E-11	5.56E-11	1.55E-10	5.10E-10	3.01E-09	4.82E-11	1.09E-09	5.53E-08	5.12E-09	6.59E-08
1047	SR_86	Sensitive Receptor	Commercial	Offsite	381.984	6367.353	3.23E-07	6.18E-07	Not Modelled	8.52E-09	2.99E-10	4.23E-06	3.23E-08	6.46E-09	6.46E-16	3.23E-09	7.73E-11	5.70E-11	1.59E-10	5.22E-10	3.09E-09	4.94E-11	1.11E-09	5.66E-08	5.24E-09	6.75E-08
1048	SR_87	Sensitive Receptor	Commercial	Offsite	382.204	6367.322	2.83E-07	5.41E-07	Not Modelled	7.36E-09	2.61E-10	3.71E-06	2.82E-08	5.65E-09	5.65E-16	2.82E-09	6.76E-11	4.98E-11	1.38E-10	4.56E-10	2.70E-09	4.31E-11	9.73E-10	4.94E-08	4.58E-09	5.89E-08
1049	SR_88	Sensitive Receptor	Commercial	Offsite	382.259	6367.353	2.70E-07	5.17E-07	Not Modelled	6.92E-09	2.50E-10	3.47E-06	2.70E-08	5.40E-09	5.40E-16	2.70E-09	6.46E-11	4.76E-11	1.33E-10	4.36E-10	2.58E-09	4.13E-11	9.31E-10	4.73E-08	4.38E-09	5.64E-08
1050	SR_89	Sensitive Receptor	Commercial	Offsite	381.582	6367.234	4.09E-07	7.84E-07	Not Modelled	1.46E-08	3.78E-10	6.83E-06	4.09E-08	8.17E-09	8.17E-16	4.09E-09	9.78E-11	7.20E-11	2.00E-10	6.60E-10	3.90E-09	6.24E-11	1.41E-09	7.15E-08	6.63E-09	8.53E-08
1051	SR_90	Sensitive Receptor	Commercial	Offsite	381.478	6367.196	4.27E-07	8.20E-07	Not Modelled	1.75E-08	3.95E-10	7.70E-06	4.27E-08	8.54E-09	8.54E-16	4.27E-09	1.02E-10	7.53E-11	2.10E-10	6.90E-10	4.08E-09	6.52E-11	1.47E-09	7.48E-08	6.93E-09	8.92E-08
1052	SR_91	Sensitive Receptor	Commercial	Offsite	381.361	6367.097	4.31E-07	8.29E-07	Not Modelled	2.27E-08	3.98E-10	9.33E-06	4.31E-08	8.61E-09	8.61E-16	4.31E-09	1.03E-10	7.59E-11	2.11E-10	6.95E-10	4.11E-09	6.58E-11	1.48E-09	7.54E-08	6.99E-09	8.99E-08
1053	SR_92	Sensitive Receptor	Commercial	Offsite	381.275	6366.951	3.94E-07	7.58E-07	Not Modelled	2.65E-08	3.64E-10	1.04E-05	3.94E-08	7.87E-09	7.87E-16	3.94E-09	9.42E-11	6.94E-11	1.93E-10	6.36E-10	3.76E-09	6.01E-11	1.36E-09	6.89E-08	6.39E-09	8.22E-08
1054	SR_93	Sensitive Receptor	Commercial	Offsite	381.116	6366.837	3.81E-07	7.35E-07	Not Modelled	3.13E-08	3.52E-10	1.15E-05	3.80E-08	7.61E-09	7.61E-16	3.81E-09	9.10E-11	6.71E-11	1.87E-10	6.14E-10	3.63E-09	5.81E-11	1.31E-09	6.66E-08	6.17E-09	7.94E-08
1055	SR_94	Sensitive Receptor	Commercial	Offsite	381.094	6366.907	4.04E-07	7.80E-07	Not Modelled	3.46E-08	3.73E-10	1.22E-05	4.04E-08	8.07E-09	8.07E-16	4.04E-09	9.66E-11	7.12E-11	1.98E-10	6.52E-10	3.85E-09	6.16E-11	1.39E-09	7.07E-08	6.55E-09	8.43E-08
1056	SR_95	Sensitive Receptor	Commercial	Offsite	381.006	6366.786	3.85E-07	7.42E-07	Not Modelled	3.35E-08	3.55E-10	1.20E-05	3.84E-08	7.67E-09	7.67E-16	3.84E-09	9.18E-11	6.76E-11	1.88E-10	6.20E-10	3.66E-09	5.86E-11	1.32E-09	6.72E-08	6.22E-09	8.01E-08
1057	SR_96	Sensitive Receptor	Commercial	Offsite	380.977	6366.863	4.13E-07	7.98E-07	Not Modelled	3.88E-08	3.81E-10	1.32E-05	4.12E-08	8.24E-09	8.24E-16	4.12E-09	9.86E-11	7.26E-11	2.02E-10	6.65E-10	3.93E-09	6.29E-11	1.42E-09	7.21E-08	6.68E-09	8.60E-08
1058	SR_97	Sensitive Receptor	Commercial	Offsite	380.891	6366.784	4.09E-07	7.90E-07	Not Modelled	3.73E-08	3.77E-10	1.30E-05	4.07E-08	8.14E-09	8.14E-16	4.07E-09	9.75E-11	7.18E-11	2.00E-10	6.58E-10	3.89E-09	6.22E-11	1.40E-09	7.13E-08	6.61E-09	8.50E-08
1059	SR_98	Sensitive Receptor	Commercial	Offsite	380.805	6366.748	4.18E-07	8.06E-07	Not Modelled	3.61E-08	3.85E-10	1.31E-05	4.16E-08	8.31E-09	8.31E-16	4.16E-09	9.95E-11	7.33E-11	2.04E-10	6.71E-10	3.97E-09	6.35E-11	1.43E-09	7.28E-08	6.74E-09	8.68E-08
1060	SR_99	Sensitive Receptor	Commercial	Offsite	380.847	6366.881	4.51E-07	8.73E-07	Not Modelled	4.57E-08	4.16E-10	1.50E-05	4.50E-08	8.99E-09	8.99E-16	4.50E-09	1.08E-10	7.93E-11	2.21E-10	7.26E-10	4.29E-09	6.87E-11	1.55E-09	7.87E-08	7.30E-09	9.39E-08
1061	SR_100	Sensitive Receptor	Commercial	Offsite	380.737	6366.834	4.77E-07	9.24E-07	Not Modelled	4.53E-08	4.40E-10	1.57E-05	4.75E-08	9.50E-09	9.50E-16	4.75E-09	1.14E-10	8.38E-11	2.33E-10	7.67E-10	4.54E-09	7.26E-11	1.64E-09	8.32E-08	7.71E-09	9.92E-08
1062	SR_101	Sensitive Receptor	Commercial	Offsite	380.618	6366.790	4.92E-07	9.52E-07	Not Modelled	3.99E-08	4.54E-10	1.57E-05	4.90E-08	9.80E-09	9.80E-16	4.90E-09	1.17E-10	8.64E-11	2.40E-10	7.92E-10	4.68E-09	7.49E-11	1.69E-09	8.58E-08	7.95E-09	1.02E-07
1063	SR_102	Sensitive Receptor	Commercial	Offsite	380.624	6366.748	4.61E-07	8.89E-07	Not Modelled	3.50E-08	4.24E-10	1.43E-05	4.58E-08	9.16E-09	9.16E-16	4.58E-09	1.10E-10	8.08E-11	2.25E-10	7.40E-10	4.38E-09	7.00E-11	1.58E-09	8.02E-08	7.43E-09	9.56E-08
1064	SR_103	Sensitive Receptor	Commercial	Offsite	380.642	6366.704	4.28E-07	8.22E-07	Not Modelled	3.06E-08	3.93E-10	1.30E-05	4.25E-08	8.49E-09	8.49E-16	4.25E-09	1.02E-10	7.48E-11	2.08E-10	6.86E-10	4.05E-09	6.48E-11	1.46E-09	7.43E-08	6.89E-09	8.86E-08
1065	SR_104	Sensitive Receptor	Commercial	Offsite	380.635	6366.669	4.07E-07	7.77E-07	Not Modelled	2.69E-08	3.72E-10	1.21E-05	4.02E-08	8.04E-09	8.04E-16	4.02E-09	9.62E-11	7.09E-11	1.97E-10	6.50E-10	3.84E-09	6.14E-11	1.39E-09	7.04E-08	6.53E-09	8.40E-08
1066	SR_105	Sensitive Receptor	Commercial	Offsite	380.576	6366.501	3.06E-07	5.44E-07	Not Modelled	1.31E-08	2.68E-10	8.20E-06	2.89E-08	5.78E-09	5.78E-16	2.89E-09	6.92E-11	5.10E-11	1.42E-10	4.67E-10	2.76E-09	4.42E-11	9.97E-10	5.06E-08	4.69E-09	6.04E-08
1067	SR_106	Sensitive Receptor	Commercial	Offsite	380.668	6366.523	3.23E-07	5.91E-07	Not Modelled	1.65E-08	2.87E-10	8.79E-06	3.11E-08	6.21E-09	6.21E-16	3.11E-09	7.43E-11	5.47E-11	1.52E-10	5.01E-10	2.96E-09	4.74E-11	1.07E-09	5.44E-08	5.04E-09	6.48E-08
1068	SR_107	Sensitive Receptor	Commercial	Offsite	380.642	6366.428	2.77E-07	4.68E-07	Not Modelled	1.10E-08	2.34E-10	7.06E-06	2.53E-08	5.06E-09	5.06E-16	2.53E-09	6.05E-11	4.46E-11	1.24E-10	4.08E-10	2.42E-09	3.86E-11	8.72E-10	4.43E-08	4.10E-09	5.28E-08
1069	SR_108	Sensitive Receptor	Commercial	Offsite	380.560	6366.439	2.72E-07	4.54E-07	Not Modelled	9.92E-09	2.28E-10	6.98E-06	2.47E-08	4.94E-09	4.94E-16	2.47E-09	5.91E-11	4.35E-11	1.21E-10	3.99E-10	2.36E-09	3.77E-11	8.51E-10	4.32E-08	4.00E-09	5.15E-08
1070	SR_109	Sensitive Receptor	Commercial	Offsite	380.796	6367.033	5.13E-07	9.96E-07	Not Modelled	5.62E-08	4.74E-10	1.81E-05	5.13E-08	1.03E-08	1.03E-15	5.13E-09	1.23E-10	9.04E-11	2.51E-10	8.28E-10	4.90E-09	7.83E-11	1.77E-09	8.98E-08	8.32E-09	1.07E-07
1071	SR_110	Sensitive Receptor	Commercial	Offsite	380.770	6367.163	5.34E-07	1.04E-06	Not Modelled	5.72E-08	4.94E-10	1.90E-05	5.34E-08	1.07E-08	1.07E-15	5.34E-09	1.28E-10	9.41E-11	2.62E-10	8.63E-10	5.10E-09	8.16E-11	1.84E-09	9.35E-08	8.66E-09	1.11E-07
1072	SR_111	Sensitive Receptor	Commercial	Offsite	380.920	6367.090	4.81E-07	9.29E-07	Not Modelled	4.70E-08	4.44E-10	1.55E-05	4.80E-08	9.61E-09	9.61E-16	4.81E-09	1.15E-10	8.47E-11	2.36E-10	7.76E-10	4.59E-09	7.34E-11	1.66E-09	8.41E-08	7.79E-09	1.00E-07
1073	SR_112	Sensitive Receptor	Commercial	Offsite	380.885	6367.194	5.00E-07	9.65E-07	Not Modelled	4.62E-08	4.62E-10	1.57E-05	5.00E-08	9.99E-09	9.99E-16	5.00E-09	1.20E-10	8.81E-11	2.45E-10	8.07E-10	4.77E-09	7.63E-11	1.72E-09	8.75E-08	8.10E-09	1.04E-07
1074	SR_113	Sensitive Receptor	Commercial	Offsite	381.015	6367.123	4.75E-07	9.17E-07	Not Modelled	3.99E-08	4.40E-10	1.36E-05	4.75E-08	9.50E-09	9.50E-16	4.75E-09	1.14E-10	8.38E-11	2.33E-10	7.67E-10	4.54E-09	7.26E-11	1.64E-09	8.32E-08	7.71E-09	9.92E-08
1075	SR_114	Sensitive Receptor	Commercial	Offsite	380.973	6367.265	5.03E-07	9.68E-07	Not Modelled	3.63E-08	4.65E-10	1.30E-05	5.03E-08	1.01E-08	1.01E-15	5.03E-09	1.20E-10	8.86E-11	2.47E-10	8.12E-10	4.80E-09	7.68E-11	1.73E-09	8.80E-08	8.16E-09	1.05E-07
1076	SR_115	Sensitive Receptor	Commercial	Offsite	381.116	6367.196	4.90E-07	9.43E-07	Not Modelled	3.17E-08	4.53E-10	1.15E-05	4.90E-08	9.80E-09	9.80E-16	4.90E-09	1.17E-10	8.63E-11	2.40E-10	7.91E-10	4.68E-09	7.48E-11	1.69E-09	8.58E-08	7.95E-09	1.02E-07
1077	SR_116	Sensitive Receptor	Commercial	Offsite	381.209	6367.223	4.93E-07	9.49E-07	Not Modelled	2.65E-08	4.56E-10	1.01E-05	4.93E-08	9.86E-09	9.86E-16	4.93E-09	1.18E-10	8.69E-11	2.42E-10	7.96E-10	4.71E-09	7.53E-11	1.70E-09	8.63E-08	8.00E-09	1.03E-07
1078	SR_117	Sensitive Receptor	Commercial	Offsite	381.167	6367.318	5.14E-07	9.88E-07	Not Modelled	2.47E-08	4.75E-10	9.60E-06	5.14E-08	1.03E-08	1.03E-15	5.14E-09	1.23E-10	9.06E-11	2.52E-10	8.30E-10	4.91E-09	7.84E-11	1.77E-09	8.99E-08	8.33E-09	1.07E-07
1079	SR_118	Sensitive Receptor	Commercial	Offsite	380.620	6366.876	5.46E-07	1.06E-06	Not Modelled	5.11E-08	5.04E-10	1.84E-05	5.45E-08	1.09E-08	1.09E-15	5.45E-09	1.30E-10	9.61E-11	2.67E-10	8.80E-10	5.21E-09	8.32E-11	1.88E-09	9.54E-08	8.84E-09	1.14E-07
1083	SR_122	Sensitive Receptor	Commercial	Offsite	379.254	6368.023	1.06E-06	1.86E-06	Not Modelled	4.26E-08	9.82E-10	2.69E-05	1.06E-07	2.12E-08	2.12E-15	1.06E-08	2.54E-10	1.87E-10	5.20E-10	1.71E-09	1.01E-08	1.62E-10	3.66E-09	1.86E-07	1.72E-08	2.21E-07
1084	SR_123	Sensitive Receptor	Commercial	Offsite	379.225	6367.914	8.25E-07	1.46E-06	Not Modelled	4.30E-08	7.63E-10	2.91E-05	8.25E-08	1.65E-08	1.65E-15	8.25E-09	1.97E-10	1.45E-10	4.05E-10	1.33E-09	7.88E-09	1.26E-10	2.84E-09	1.44E-07	1.34E-08	1.72E-07
1085	SR_124	Sensitive Receptor	Commercial	Offsite	379.225	6367.808	8.58E-07	1.55E-06	Not Modelled	5.46E-08	7.94E-10	3.67E-05	8.58E-08	1.72E-08	1.72E-15	8.58E-09	2.05E-10	1.51E-10	4.21E-10	1.39E-09	8.19E-09	1.31E-10	2.96E-09	1.50E-07	1.39E-08	1.79E-07
1086	SR_125	Sensitive Receptor	Commercial	Offsite	379.141	6367.824	6.74E-07	1.21E-06	Not Modelled	4.14E-08	6.23E-10	2.73E-05	6.73E-08	1.35E-08	1.35E-15	6.74E-09	1.61E-10	1.19E-10	3.30E-10	1.09E-09	6.43E-09	1.03E-10	2.32E-09	1.18E-07	1.09E-08	1.41E-07
1087	SR_126	Sensitive Receptor	Commercial	Offsite	379.183	6367.716	8.45E-07	1.54E-06	Not Modelled	5.94E-08	7.82E-10	3.78E-05	8.45E-08	1.69E-08	1.69E-15	8.45E-09	2.02E-10	1.49E-10	4.14E-10	1.36E-09	8.07E-09	1.29E-10	2.91E-09	1.48E-07	1.37E-08	1.76E-07
1088	SR_127	Sensitive Receptor	Commercial	Offsite	379.112	6367.722	6.56E-07	1.19E-06	Not Modelled	4.56E-08	6.07E-10	2.85E-05	6.55E-08	1.31E-08	1.31E-15	6.56E-09	1.57E-10	1.16E-10	3.21E-10	1.06E-09	6.26E-09	1.00E-10	2.26E-09	1.15E-07	1.06E-08	1.37E-07
1089	SR_128	Sensitive Receptor	Commercial	Offsite	379.165	6367.610	8.38E-07	1.53E-06	Not Modelled	6.52E-08	7.75E-10	3.83E-05	8.38E-08	1.68E-08	1.68E-15	8.38E-09	2.00E-10	1.48E-10	4.11E-10	1.35E-09	8.00E-09	1.28E-10	2.89E-09	1.47E-07	1.36E-08	1.75E-07
1090	SR_129	Sensitive Receptor	Commercial	Offsite	379.059	6367.632	5.67E-07	1.04E-06	Not Modelled	4.35E-08	5.25E-10	2.54E-05	5.67E-08	1.13E-08	1.13E-15	5.67E-09	1.36E-10	9.99E-11	2.78E-10	9.15E-10	5.41E-09	8.66E-11	1.95E-09	9.93E-08	9.20E-09	1.18E-07
1091	SR_130	Sensitive Receptor	Commercial	Offsite	379.161	6367.511	7.96E-07	1.46E-06	Not Modelled	6.40E-08	7.37E-10	3.63E-05	7.96E-08	1.59E-08	1.59E-15	7.96E-09	1.90E-10	1.40E-10	3.90E-10	1.29E-09	7.60E-09	1.22E-10	2.74E-09	1.39E-07	1.29E-08	1.66E-07
1092	SR_131	Sensitive Receptor	Commercial	Offsite	379.057	6367.535	5.51E-07	1.01E-06	Not Modelled	4.40E-08	5.10E-10	2.48E-05	5.51E-08	1.10E-08	1.10E-15	5.51E-09	1.32E-10	9.71E-11	2.70E-10	8.89E-10	5.26E-09	8.41E-11	1.90E-09	9.64E-08	8.93E-09	1.15E-07
1093	SR_132	Sensitive Receptor	Commercial	Offsite	379.163	6367.411	7.38E-07	1.37E-06	Not Modelled	5.47E-08	6.82E-10	3.25E-05	7.37E-08	1.47E-08	1.47E-15	7.38E-09	1.76E-10	1.30E-10	3.62E-10	1.19E-09	7.04E-09	1.13E-10	2.54E-09	1.29E-07	1.20E-08	1.54E-07
1094	SR_133	Sensitive Receptor	Commercial	Offsite	379.073	6367.431	5.52E-07	1.02E-06	Not Modelled	4.25E-08	5.11E-10	2.45E-05	5.52E-08	1.10E-08	1.10E-15	5.52E-09	1.32E-10	9.72E-11	2.71E-10	8.91E-10	5.27E-09	8.42E-11	1.90E-09	9.66E-08	8.95E-09	1.15E-07
1095	SR_134	Sensitive Receptor	Commercial	Offsite	379.148	6367.325	6.44E-07	1.21E-06	Not Modelled	4.17E-08	5.95E-10	2.72E-05	6.43E-08	1.29E-08	1.29E-15	6.44E-09	1.54E-10	1.13E-10	3.15E-10	1.04E-09	6.14E-09	9.82E-11	2.22E-09	1.13E-07	1.04E-08	1.34E-07
1096	SR_135	Sensitive Receptor	Commercial	Offsite	378.874	6366.985	2.60E-07	4.84E-07	Not Modelled	1.03E-08	2.39E-10	9.69E-06	2.58E-08	5.16E-09	5.16E-16	2.58E-09	6.17E-11	4.55E-11	1.27E-10	4.17E-10	2.46E-09	3.94E-11	8.89E-10	4.52E-08	4.19E-09	5.38E-08
1097	SR_136	Sensitive Receptor	Commercial	Offsite	378.923	6367.045	3.00E-07	5.63E-07	Not Modelled	1.30E-08	2.77E-10	1.15E-05	2.99E-08	5.98E-09	5.98E-16	2.99E-09	7.15E-11	5.27E-11	1.47E-10	4.83E-10	2.85E-09	4.56E-11	1.03E-09	5.23E-08	4.85E-09	6.24E-08
1098	SR_137	Sensitive Receptor	Commercial	Offsite	378.989	6367.113	3.60E-07	6.78E-07	Not Modelled	1.76E-08	3.32E-10	1.43E-05	3.59E-08	7.18E-09	7.18E-16	3.59E-09	8.59E-11	6.33E-11	1.76E-10	5.80E-10	3.43E-09	5.48E-11	1.24E-09	6.29E-08	5.83E-09	7.49E-08
1099	SR_138	Sensitive Receptor	Commercial	Offsite	379.062	6367.158	4.30E-07	8.12E-07	Not Modelled	2.25E-08	3.97E-10	1.78E-05	4.29E-08	8.58E-09	8.58E-16	4.29E-09	1.03E-10	7.56E-11	2.10E-10	6.93E-10	4.10E-09	6.55E-11	1.48E-09	7.51E-08	6.96E-09	8.95E-08
1100	SR_139	Sensitive Receptor	Commercial	Offsite	378.964	6367.301	3.98E-07	7.45E-07	Not Modelled	2.70E-08	3.68E-10	1.65E-05	3.98E-08	7.95E-09	7.95E-16	3.98E-09	9.51E-11	7.01E-11	1.95E-10	6.42E-10	3.80E-09	6.07E-11	1.37E-09	6.96E-08	6.45E-09	8.30E-08
1101	SR_140	Sensitive Receptor	Commercial	Offsite	378.923	6367.354	3.65E-07	6.80E-07	Not Modelled	2.71E-08	3.38E-10	1.57E-05	3.65E-08	7.30E-09	7.30E-16	3.65E-09	8.73E-11	6.43E-11	1.79E-10	5.89E-10	3.48E-09	5.57E-11	1.26E-09	6.39E-08	5.92E-09	7.62E-08
1102	SR_141	Sensitive Receptor	Commercial	Offsite	378.792	6367.458	2.96E-07	5.48E-07	Not Modelled	2.35E-08	2.73E-10	1.32E-05	2.95E-08	5.90E-09	5.90E-16	2.95E-09	7.06E-11	5.20E-11	1.45E-10	4.76E-10	2.82E-09	4.50E-11	1.02E-09	5.17E-08	4.79E-09	6.16E-08
1103	SR_142	Sensitive Receptor	Commercial	Offsite	378.733	6367.473	2.70E-07	5.00E-07	Not Modelled	2.11E-08	2.49E-10	1.21E-05	2.69E-08	5.38E-09	5.38E-16	2.69E-09	6.44E-11	4.75E-11	1.32E-10	4.35E-10	2.57E-09	4.11E-11	9.28E-10	4.71E-08	4.37E-09	5.62E-08
1104	SR_143	Sensitive Receptor	Commercial	Offsite	378.702	6367.482	2.58E-07	4.77E-07	Not Modelled	1.99E-08	2.38E-10	1.15E-05	2.57E-08	5.14E-09	5.14E-16	2.57E-09	6.15E-11	4.53E-11	1.26E-10	4.15E-10	2.46E-09	3.93E-11	8.87E-10	4.50E-08	4.17E-09	5.37E-08
1105	SR_144	Sensitive Receptor	Commercial	Offsite	378.653	6367.502	2.39E-07	4.42E-07	Not Modelled	1.81E-08	2.21E-10	1.05E-05	2.38E-08	4.77E-09	4.77E-16	2.39E-09	5.70E-11	4.20E-11	1.17E-10	3.85E-10	2.28E-09	3.64E-11	8.22E-10	4.17E-08	3.87E-09	4.98E-08
1106	SR_145	Sensitive Receptor	Commercial	Offsite	378.569	6367.541	2.11E-07	3.87E-07	Not Modelled	1.52E-08	1.94E-10	8.90E-06	2.10E-08	4.20E-09	4.20E-16	2.10E-09	5.02E-11	3.70E-11	1.03E-10	3.39E-10	2.00E-09	3.20E-11	7.23E-10	3.67E-08	3.40E-09	4.38E-08
1107	SR_146	Sensitive Receptor	Commercial	Offsite	378.477	6367.579	1.88E-07	3.44E-07	Not Modelled	1.28E-08	1.73E-10	7.69E-06	1.87E-08	3.74E-09	3.74E-16	1.87E-09	4.47E-11	3.29E-11	9.17E-11	3.02E-10	1.78E-09	2.85E-11	6.44E-10	3.27E-08	3.03E-09	3.90E-08
1108	SR_147	Sensitive Receptor	Commercial	Offsite	378.406	6367.608	1.74E-07	3.17E-07	Not Modelled	1.13E-08	1.60E-10	6.91E-06	1.73E-08	3.45E-09	3.45E-16	1.73E-09	4.13E-11	3.04E-11	8.47E-11	2.79E-10	1.65E-09	2.64E-11	5.95E-10	3.02E-08	2.80E-09	3.60E-08
1109	SR_148	Sensitive Receptor	Commercial	Offsite	378.336	6367.614	1.62E-07	2.94E-07	Not Modelled	1.00E-08	1.49E-10	6.26E-06	1.61E-08	3.21E-09	3.21E-16	1.61E-09	3.85E-11	2.83E-11	7.88E-11	2.60E-10	1.53E-09	2.45E-11	5.54E-10	2.81E-08	2.61E-09	3.36E-08
1110	SR_149	Sensitive Receptor	Commercial	Offsite	378.241	6367.632	1.49E-07	2.68E-07	Not Modelled	8.59E-09	1.36E-10	5.52E-06	1.47E-08	2.95E-09	2.95E-16	1.47E-09	3.52E-11	2.60E-11	7.23E-11	2.38E-10	1.41E-09	2.25E-11	5.08E-10	2.58E-08	2.39E-09	3.07E-08

AQIA DATA - SCENARIO 2 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1111	SR_150	Sensitive Receptor	Commercial	Offsite	378.627	6367.413	2.28E-07	4.20E-07	Not Modelled	1.59E-08	2.10E-10	9.55E-06	2.27E-08	4.53E-09	4.53E-16	2.27E-09	5.42E-11	4.00E-11	1.11E-10	3.66E-10	2.16E-09	3.46E-11	7.81E-10	3.97E-08	3.68E-09	4.73E-08
1112	SR_151	Sensitive Receptor	Commercial	Offsite	378.697	6367.402	2.51E-07	4.64E-07	Not Modelled	1.84E-08	2.31E-10	1.08E-05	2.50E-08	5.00E-09	5.00E-16	2.50E-09	5.98E-11	4.41E-11	1.23E-10	4.04E-10	2.39E-09	3.82E-11	8.62E-10	4.38E-08	4.06E-09	5.22E-08
1113	SR_152	Sensitive Receptor	Commercial	Offsite	378.761	6367.380	2.75E-07	5.09E-07	Not Modelled	2.04E-08	2.54E-10	1.18E-05	2.74E-08	5.48E-09	5.48E-16	2.74E-09	6.55E-11	4.83E-11	1.34E-10	4.42E-10	2.62E-09	4.18E-11	9.44E-10	4.80E-08	4.44E-09	5.72E-08
1114	SR_153	Sensitive Receptor	Commercial	Offsite	378.819	6367.354	3.00E-07	5.58E-07	Not Modelled	2.21E-08	2.77E-10	1.28E-05	3.00E-08	6.00E-09	6.00E-16	3.00E-09	7.17E-11	5.29E-11	1.47E-10	4.84E-10	2.86E-09	4.58E-11	1.03E-09	5.25E-08	4.86E-09	6.26E-08
1115	SR_154	Sensitive Receptor	Commercial	Offsite	378.854	6367.312	3.17E-07	5.91E-07	Not Modelled	2.21E-08	2.93E-10	1.32E-05	3.17E-08	6.33E-09	6.33E-16	3.17E-09	7.58E-11	5.58E-11	1.55E-10	5.12E-10	3.02E-09	4.84E-11	1.09E-09	5.55E-08	5.14E-09	6.61E-08
1116	SR_155	Sensitive Receptor	Commercial	Offsite	377.826	6367.113	1.10E-07	1.42E-07	Not Modelled	4.12E-09	8.06E-11	3.25E-06	8.71E-09	1.74E-09	1.74E-16	8.72E-10	2.08E-11	1.54E-11	4.27E-11	1.41E-10	8.32E-10	1.33E-11	3.00E-10	1.53E-08	1.41E-09	1.82E-08
1117	SR_156	Sensitive Receptor	Commercial	Offsite	377.870	6367.171	1.11E-07	1.59E-07	Not Modelled	4.57E-09	8.67E-11	3.45E-06	9.37E-09	1.87E-09	1.87E-16	9.37E-10	2.24E-11	1.65E-11	4.59E-11	1.51E-10	8.94E-10	1.43E-11	3.23E-10	1.64E-08	1.52E-09	1.96E-08
1118	SR_157	Sensitive Receptor	Commercial	Offsite	377.916	6367.222	1.13E-07	1.75E-07	Not Modelled	5.00E-09	9.27E-11	3.64E-06	1.00E-08	2.00E-09	2.00E-16	1.00E-09	2.40E-11	1.77E-11	4.91E-11	1.62E-10	9.56E-10	1.53E-11	3.45E-10	1.75E-08	1.62E-09	2.09E-08
1119	SR_158	Sensitive Receptor	Commercial	Offsite	377.760	6367.376	1.04E-07	1.64E-07	Not Modelled	4.31E-09	8.68E-11	3.21E-06	9.38E-09	1.88E-09	1.88E-16	9.38E-10	2.24E-11	1.65E-11	4.60E-11	1.51E-10	8.95E-10	1.43E-11	3.23E-10	1.64E-08	1.52E-09	1.96E-08
1120	SR_159	Sensitive Receptor	Commercial	Offsite	377.921	6367.349	1.14E-07	1.88E-07	Not Modelled	5.28E-09	9.78E-11	3.72E-06	1.06E-08	2.11E-09	2.11E-16	1.06E-09	2.53E-11	1.86E-11	5.18E-11	1.71E-10	1.01E-09	1.61E-11	3.64E-10	1.85E-08	1.72E-09	2.21E-08
1121	SR_160	Sensitive Receptor	Commercial	Offsite	377.993	6367.305	1.19E-07	1.98E-07	Not Modelled	5.67E-09	1.03E-10	3.98E-06	1.11E-08	2.22E-09	2.22E-16	1.11E-09	2.66E-11	1.96E-11	5.45E-11	1.79E-10	1.06E-09	1.70E-11	3.83E-10	1.95E-08	1.80E-09	2.32E-08
1122	SR_161	Sensitive Receptor	Commercial	Offsite	378.073	6367.241	1.25E-07	2.10E-07	Not Modelled	5.92E-09	1.09E-10	4.24E-06	1.17E-08	2.35E-09	2.35E-16	1.17E-09	2.81E-11	2.07E-11	5.75E-11	1.89E-10	1.12E-09	1.79E-11	4.04E-10	2.05E-08	1.90E-09	2.45E-08
1123	SR_162	Sensitive Receptor	Commercial	Offsite	378.163	6367.162	1.34E-07	2.26E-07	Not Modelled	5.93E-09	1.16E-10	4.49E-06	1.26E-08	2.51E-09	2.51E-16	1.26E-09	3.01E-11	2.22E-11	6.17E-11	2.03E-10	1.20E-09	1.92E-11	4.33E-10	2.20E-08	2.04E-09	2.62E-08
1124	SR_163	Sensitive Receptor	Commercial	Offsite	378.088	6367.753	1.38E-07	2.45E-07	Not Modelled	6.94E-09	1.26E-10	4.69E-06	1.36E-08	2.72E-09	2.72E-16	1.36E-09	3.26E-11	2.40E-11	6.68E-11	2.20E-10	1.30E-09	2.08E-11	4.69E-10	2.38E-08	2.21E-09	2.84E-08
1125	SR_164	Sensitive Receptor	Commercial	Offsite	378.256	6367.720	1.55E-07	2.79E-07	Not Modelled	9.10E-09	1.42E-10	5.80E-06	1.54E-08	3.07E-09	3.07E-16	1.54E-09	3.68E-11	2.71E-11	7.54E-11	2.48E-10	1.47E-09	2.35E-11	5.30E-10	2.69E-08	2.49E-09	3.21E-08
1126	SR_165	Sensitive Receptor	Commercial	Offsite	378.876	6367.612	3.50E-07	6.45E-07	Not Modelled	2.85E-08	3.24E-10	1.58E-05	3.50E-08	6.99E-09	6.99E-16	3.50E-09	8.36E-11	6.16E-11	1.71E-10	5.65E-10	3.34E-09	5.34E-11	1.21E-09	6.12E-08	5.67E-09	7.30E-08
1127	SR_166	Sensitive Receptor	Commercial	Offsite	378.920	6367.705	3.87E-07	7.09E-07	Not Modelled	3.00E-08	3.58E-10	1.70E-05	3.87E-08	7.74E-09	7.74E-16	3.87E-09	9.26E-11	6.82E-11	1.90E-10	6.25E-10	3.69E-09	5.91E-11	1.33E-09	6.78E-08	6.28E-09	8.08E-08
1128	SR_167	Sensitive Receptor	Commercial	Offsite	378.964	6367.793	4.30E-07	7.80E-07	Not Modelled	3.05E-08	3.97E-10	1.79E-05	4.29E-08	8.58E-09	8.58E-16	4.29E-09	1.03E-10	7.57E-11	2.11E-10	6.93E-10	4.10E-09	6.55E-11	1.48E-09	7.52E-08	6.96E-09	8.96E-08
1129	SR_168	Sensitive Receptor	Commercial	Offsite	379.099	6367.879	6.00E-07	1.07E-06	Not Modelled	3.53E-08	5.55E-10	2.28E-05	6.00E-08	1.20E-08	1.20E-15	6.00E-09	1.44E-10	1.06E-10	2.94E-10	9.69E-10	5.73E-09	9.16E-11	2.07E-09	1.05E-07	9.74E-09	1.25E-07
1130	SR_169	Sensitive Receptor	Commercial	Offsite	379.002	6367.908	4.72E-07	8.38E-07	Not Modelled	2.85E-08	4.36E-10	1.72E-05	4.71E-08	9.43E-09	9.43E-16	4.72E-09	1.13E-10	8.31E-11	2.31E-10	7.61E-10	4.50E-09	7.20E-11	1.62E-09	8.25E-08	7.65E-09	9.84E-08
1131	SR_170	Sensitive Receptor	Commercial	Offsite	379.117	6368.012	6.75E-07	1.17E-06	Not Modelled	2.97E-08	6.25E-10	1.88E-05	6.75E-08	1.35E-08	1.35E-15	6.75E-09	1.62E-10	1.19E-10	3.31E-10	1.09E-09	6.45E-09	1.03E-10	2.33E-09	1.18E-07	1.10E-08	1.41E-07
1132	SR_171	Sensitive Receptor	Commercial	Offsite	378.717	6367.632	2.61E-07	4.81E-07	Not Modelled	2.09E-08	2.41E-10	1.17E-05	2.60E-08	5.20E-09	5.20E-16	2.60E-09	6.22E-11	4.59E-11	1.28E-10	4.20E-10	2.48E-09	3.97E-11	8.97E-10	4.55E-08	4.22E-09	5.43E-08
1133	SR_172	Sensitive Receptor	Commercial	Offsite	378.746	6367.705	2.75E-07	5.06E-07	Not Modelled	2.18E-08	2.54E-10	1.22E-05	2.75E-08	5.49E-09	5.49E-16	2.75E-09	6.57E-11	4.84E-11	1.35E-10	4.44E-10	2.62E-09	4.20E-11	9.47E-10	4.81E-08	4.46E-09	5.73E-08
1134	SR_173	Sensitive Receptor	Commercial	Offsite	378.578	6367.698	2.15E-07	3.94E-07	Not Modelled	1.59E-08	1.98E-10	9.21E-06	2.14E-08	4.28E-09	4.28E-16	2.14E-09	5.12E-11	3.77E-11	1.05E-10	3.46E-10	2.04E-09	3.27E-11	7.38E-10	3.75E-08	3.47E-09	4.47E-08
1135	SR_174	Sensitive Receptor	Commercial	Offsite	379.073	6368.261	8.04E-07	1.39E-06	Not Modelled	2.41E-08	7.44E-10	1.31E-05	8.04E-08	1.61E-08	1.61E-15	8.04E-09	1.92E-10	1.42E-10	3.94E-10	1.30E-09	7.68E-09	1.23E-10	2.77E-09	1.41E-07	1.30E-08	1.68E-07
1136	SR_175	Sensitive Receptor	Commercial	Offsite	379.024	6368.166	6.18E-07	1.06E-06	Not Modelled	2.22E-08	5.72E-10	1.27E-05	6.18E-08	1.24E-08	1.24E-15	6.18E-09	1.48E-10	1.09E-10	3.03E-10	9.98E-10	5.90E-09	9.43E-11	2.13E-09	1.08E-07	1.00E-08	1.29E-07
1137	SR_176	Sensitive Receptor	Commercial	Offsite	378.984	6368.287	6.31E-07	1.08E-06	Not Modelled	1.93E-08	5.84E-10	1.05E-05	6.31E-08	1.26E-08	1.26E-15	6.31E-09	1.51E-10	1.11E-10	3.09E-10	1.02E-09	6.02E-09	9.63E-11	2.17E-09	1.10E-07	1.02E-08	1.32E-07
1138	SR_177	Sensitive Receptor	Commercial	Offsite	378.925	6368.188	4.78E-07	8.12E-07	Not Modelled	1.82E-08	4.42E-10	1.03E-05	4.78E-08	9.55E-09	9.55E-16	4.78E-09	1.14E-10	8.42E-11	2.34E-10	7.71E-10	4.56E-09	7.29E-11	1.65E-09	8.36E-08	7.75E-09	9.97E-08
1139	SR_178	Sensitive Receptor	Commercial	Offsite	378.887	6368.292	4.91E-07	8.31E-07	Not Modelled	1.59E-08	4.54E-10	8.69E-06	4.90E-08	9.80E-09	9.80E-16	4.90E-09	1.17E-10	8.64E-11	2.40E-10	7.92E-10	4.68E-09	7.48E-11	1.69E-09	8.58E-08	7.95E-09	1.02E-07
1140	SR_179	Sensitive Receptor	Commercial	Offsite	378.775	6368.195	3.51E-07	5.99E-07	Not Modelled	1.48E-08	3.25E-10	8.46E-06	3.51E-08	7.01E-09	7.01E-16	3.51E-09	8.39E-11	6.18E-11	1.72E-10	5.66E-10	3.35E-09	5.36E-11	1.21E-09	6.14E-08	5.69E-09	7.32E-08
1141	SR_180	Sensitive Receptor	Commercial	Offsite	378.772	6368.296	3.89E-07	6.58E-07	Not Modelled	1.34E-08	3.59E-10	7.52E-06	3.88E-08	7.77E-09	7.77E-16	3.89E-09	9.29E-11	6.85E-11	1.90E-10	6.27E-10	3.71E-09	5.93E-11	1.34E-09	6.80E-08	6.30E-09	8.11E-08
1142	SR_181	Sensitive Receptor	Commercial	Offsite	378.772	6368.252	3.70E-07	6.28E-07	Not Modelled	1.39E-08	3.42E-10	7.90E-06	3.70E-08	7.39E-09	7.39E-16	3.70E-09	8.85E-11	6.52E-11	1.81E-10	5.97E-10	3.53E-09	5.65E-11	1.27E-09	6.47E-08	6.00E-09	7.72E-08
1143	SR_182	Sensitive Receptor	Commercial	Offsite	378.675	6368.349	3.52E-07	5.95E-07	Not Modelled	1.14E-08	3.25E-10	6.47E-06	3.51E-08	7.02E-09	7.02E-16	3.51E-09	8.40E-11	6.19E-11	1.72E-10	5.67E-10	3.35E-09	5.36E-11	1.21E-09	6.15E-08	5.70E-09	7.33E-08
1144	SR_183	Sensitive Receptor	Commercial	Offsite	378.609	6368.340	3.18E-07	5.39E-07	Not Modelled	1.07E-08	2.94E-10	6.16E-06	3.17E-08	6.34E-09	6.34E-16	3.17E-09	7.59E-11	5.59E-11	1.56E-10	5.12E-10	3.03E-09	4.84E-11	1.09E-09	5.55E-08	5.15E-09	6.62E-08
1145	SR_184	Sensitive Receptor	Commercial	Offsite	378.629	6368.223	2.91E-07	4.98E-07	Not Modelled	1.22E-08	2.69E-10	7.09E-06	2.90E-08	5.81E-09	5.81E-16	2.90E-09	6.95E-11	5.12E-11	1.42E-10	4.69E-10	2.77E-09	4.43E-11	1.00E-09	5.08E-08	4.71E-09	6.06E-08
1146	SR_185	Sensitive Receptor	Commercial	Offsite	378.536	6368.239	2.65E-07	4.54E-07	Not Modelled	1.09E-08	2.45E-10	6.37E-06	2.65E-08	5.29E-09	5.29E-16	2.65E-09	6.33E-11	4.67E-11	1.30E-10	4.27E-10	2.53E-09	4.04E-11	9.12E-10	4.63E-08	4.29E-09	5.52E-08
1147	SR_186	Sensitive Receptor	Commercial	Offsite	378.307	6368.270	2.27E-07	3.89E-07	Not Modelled	8.15E-09	2.09E-10	4.90E-06	2.26E-08	4.53E-09	4.53E-16	2.26E-09	5.41E-11	3.99E-11	1.11E-10	3.65E-10	2.16E-09	3.46E-11	7.80E-10	3.96E-08	3.67E-09	4.72E-08
1148	SR_187	Sensitive Receptor	Commercial	Offsite	378.355	6368.316	2.44E-07	4.16E-07	Not Modelled	8.35E-09	2.25E-10	4.97E-06	2.43E-08	4.86E-09	4.86E-16	2.43E-09	5.81E-11	4.28E-11	1.19E-10	3.92E-10	2.32E-09	3.71E-11	8.37E-10	4.25E-08	3.94E-09	5.07E-08
1149	SR_188	Sensitive Receptor	Commercial	Offsite	378.424	6368.373	2.71E-07	4.59E-07	Not Modelled	8.61E-09	2.49E-10	5.07E-06	2.70E-08	5.39E-09	5.39E-16	2.70E-09	6.45E-11	4.75E-11	1.32E-10	4.35E-10	2.57E-09	4.12E-11	9.29E-10	4.72E-08	4.37E-09	5.63E-08
1150	SR_189	Sensitive Receptor	Commercial	Offsite	378.503	6368.409	3.01E-07	5.10E-07	Not Modelled	9.02E-09	2.78E-10	5.25E-06	3.00E-08	6.00E-09	6.00E-16	3.00E-09	7.18E-11	5.29E-11	1.47E-10	4.85E-10	2.87E-09	4.58E-11	1.04E-09	5.26E-08	4.87E-09	6.27E-08
1151	SR_190	Sensitive Receptor	Commercial	Offsite	378.455	6368.515	3.13E-07	5.29E-07	Not Modelled	7.85E-09	2.89E-10	4.54E-06	3.12E-08	6.24E-09	6.24E-16	3.12E-09	7.46E-11	5.50E-11	1.53E-10	5.04E-10	2.98E-09	4.76E-11	1.07E-09	5.46E-08	5.06E-09	6.51E-08
1152	SR_191	Sensitive Receptor	Commercial	Offsite	378.411	6368.488	2.95E-07	4.98E-07	Not Modelled	7.70E-09	2.72E-10	4.51E-06	2.94E-08	5.87E-09	5.87E-16	2.94E-09	7.02E-11	5.18E-11	1.44E-10	4.74E-10	2.80E-09	4.48E-11	1.01E-09	5.14E-08	4.76E-09	6.13E-08
1153	SR_192	Sensitive Receptor	Commercial	Offsite	378.336	6368.437	2.69E-07	4.55E-07	Not Modelled	7.51E-09	2.47E-10	4.47E-06	2.67E-08	5.35E-09	5.35E-16	2.68E-09	6.40E-11	4.71E-11	1.31E-10	4.32E-10	2.55E-09	4.08E-11	9.22E-10	4.68E-08	4.34E-09	5.58E-08
1154	SR_193	Sensitive Receptor	Commercial	Offsite	378.219	6368.373	2.41E-07	4.11E-07	Not Modelled	6.98E-09	2.22E-10	4.27E-06	2.40E-08	4.79E-09	4.79E-16	2.40E-09	5.73E-11	4.22E-11	1.18E-10	3.87E-10	2.29E-09	3.66E-11	8.26E-10	4.20E-08	3.89E-09	5.00E-08
1155	SR_194	Sensitive Receptor	Commercial	Offsite	378.203	6368.530	2.65E-07	4.49E-07	Not Modelled	6.15E-09	2.43E-10	3.73E-06	2.63E-08	5.26E-09	5.26E-16	2.63E-09	6.29E-11	4.64E-11	1.29E-10	4.25E-10	2.51E-09	4.02E-11	9.07E-10	4.60E-08	4.27E-09	5.49E-08
1156	SR_195	Sensitive Receptor	Commercial	Offsite	378.276	6368.579	2.82E-07	4.75E-07	Not Modelled	6.30E-09	2.58E-10	3.75E-06	2.79E-08	5.59E-09	5.59E-16	2.79E-09	6.68E-11	4.92E-11	1.37E-10	4.51E-10	2.67E-09	4.26E-11	9.63E-10	4.89E-08	4.53E-09	5.83E-08
1157	SR_196	Sensitive Receptor	Commercial	Offsite	376.753	6367.464	6.27E-08	8.87E-08	Not Modelled	1.97E-09	4.89E-11	1.67E-06	5.28E-09	1.06E-09	1.06E-16	5.29E-10	1.26E-11	9.31E-12	2.59E-11	8.53E-11	5.05E-10	8.07E-12	1.82E-10	9.25E-09	8.57E-10	1.10E-08
1158	SR_197	Sensitive Receptor	Commercial	Offsite	376.674	6367.477	6.01E-08	8.70E-08	Not Modelled	1.88E-09	4.75E-11	1.61E-06	5.14E-09	1.03E-09	1.03E-16	5.14E-10	1.23E-11	9.05E-12	2.52E-11	8.29E-11	4.90E-10	7.84E-12	1.77E-10	8.99E-09	8.33E-10	1.07E-08
1159	SR_198	Sensitive Receptor	Commercial	Offsite	376.639	6367.566	5.89E-08	8.49E-08	Not Modelled	1.78E-09	4.66E-11	1.54E-06	5.04E-09	1.01E-09	1.01E-16	5.04E-10	1.20E-11	8.88E-12	2.47E-11	8.13E-11	4.81E-10	7.69E-12	1.74E-10	8.82E-09	8.17E-10	1.05E-08
1160	SR_199	Sensitive Receptor	Commercial	Offsite	376.608	6367.650	5.79E-08	8.34E-08	Not Modelled	1.70E-09	4.59E-11	1.49E-06	4.96E-09	9.92E-10	9.92E-17	4.96E-10	1.19E-11	8.75E-12	2.43E-11	8.01E-11	4.74E-10	7.58E-12	1.71E-10	8.69E-09	8.05E-10	1.04E-08
1161	SR_200	Sensitive Receptor	Commercial	Offsite	376.614	6367.754	5.86E-08	8.36E-08	Not Modelled	1.66E-09	4.64E-11	1.48E-06	5.01E-09	1.00E-09	1.00E-16	5.01E-10	1.20E-11	8.83E-12	2.46E-11	8.09E-11	4.78E-10	7.65E-12	1.73E-10	8.77E-09	8.13E-10	1.05E-08
1162	SR_201	Sensitive Receptor	Commercial	Offsite	376.877	6367.338	6.59E-08	9.25E-08	Not Modelled	2.22E-09	5.10E-11	1.80E-06	5.51E-09	1.10E-09	1.10E-16	5.51E-10	1.32E-11	9.71E-12	2.70E-11	8.89E-11	5.26E-10	8.41E-12	1.90E-10	9.64E-09	8.94E-10	1.15E-08
1163	SR_202	Sensitive Receptor	Commercial	Offsite	376.985	6367.308	6.97E-08	9.53E-08	Not Modelled	2.36E-09	5.30E-11	1.91E-06	5.73E-09	1.15E-09	1.15E-16	5.73E-10	1.37E-11	1.01E-11	2.81E-11	9.25E-11	5.47E-10	8.75E-12	1.98E-10	1.00E-08	9.30E-10	1.20E-08
1164	SR_203	Sensitive Receptor	Commercial	Offsite	376.866	6367.131	6.17E-08	9.25E-08	Not Modelled	2.34E-09	4.94E-11	1.80E-06	5.34E-09	1.07E-09	1.07E-16	5.34E-10	1.28E-11	9.41E-12	2.62E-11	8.62E-11	5.10E-10	8.15E-12	1.84E-10	9.35E-09	8.66E-10	1.11E-08
1165	SR_204	Sensitive Receptor	Commercial	Offsite	376.963	6367.160	6.62E-08	9.44E-08	Not Modelled	2.46E-09	5.14E-11	1.90E-06	5.55E-09	1.11E-09	1.11E-16	5.56E-10	1.33E-11	9.79E-12	2.72E-11	8.97E-11	5.30E-10	8.48E-12	1.91E-10	9.73E-09	9.01E-10	1.16E-08
1166	SR_205	Sensitive Receptor	Commercial	Offsite	376.965	6367.091	6.46E-08	9.41E-08	Not Modelled	2.49E-09	5.07E-11	1.89E-06	5.48E-09	1.10E-09	1.10E-16	5.49E-10	1.31E-11	9.67E-12	2.69E-11	8.85E-11	5.24E-10	8.37E-12	1.89E-10	9.60E-09	8.90E-10	1.14E-08
1167	SR_206	Sensitive Receptor	Commercial	Offsite	377.078	6367.131	7.11E-08	9.66E-08	Not Modelled	2.60E-09	5.35E-11	2.04E-06	5.78E-09	1.16E-09	1.16E-16	5.78E-10	1.38E-11	1.02E-11	2.83E-11	9.33E-11	5.52E-10	8.83E-12	1.99E-10	1.01E-08	9.38E-10	1.21E-08
1168	SR_207	Sensitive Receptor	Commercial	Offsite	377.128	6367.228	7.49E-08	9.82E-08	Not Modelled	2.55E-09	5.54E-11	2.07E-06	5.99E-09	1.20E-09	1.20E-16	5.99E-10	1.43E-11	1.06E-11	2.94E-11	9.67E-11	5.72E-10	9.14E-12	2.06E-10	1.05E-08	9.71E-10	1.25E-08
1169	SR_208	Sensitive Receptor	Commercial	Offsite	377.223	6367.138	7.86E-08	9.85E-08	Not Modelled	2.68E-09	5.64E-11	2.19E-06	6.09E-09	1.22E-09	1.22E-16	6.10E-10	1.46E-11	1.07E-11	2.99E-11	9.84E-11	5.82E-10	9.30E-12	2.10E-10	1.07E-08	9.89E-10	1.27E-08
1170	SR_209	Sensitive Receptor	Commercial	Offsite	377.318	6367.118	8.38E-08	9.94E-08	Not Modelled	2.75E-09	5.82E-11	2.29E-06	6.29E-09	1.26E-09	1.26E-16	6.29E-10	1.50E-11	1.11E-11	3.08E-11	1.02E-10	6.00E-10	9.60E-12	2.17E-10	1.10E-08	1.02E-09	1.31E-08
1171	SR_210	Sensitive Receptor	Commercial	Offsite	377.358	6367.001	8.50E-08	9.48E-08	Not Modelled	2.76E-09	5.68E-11	2.27E-06	6.14E-09	1.23E-09	1.23E-16	6.14E-10	1.47E-11	1.08E-11	3.01E-11	9.91E-11	5.86E-10	9.37E-12	2.11E-10	1.07E-08	9.95E-10	1.28E-08
1172	SR_211	Sensitive Receptor	Commercial	Offsite	377.376	6366.884	8.62E-08	9.34E-08	Not Modelled	2.81E-09	5.64E-11	2.25E-06	6.09E-09	1.22E-09	1.22E-16	6.09E-10	1.46E-11	1.07E-11	2.99E-11	9.84E-11	5.82E-10	9.30E-12	2.10E-10	1.07E-08	9.88E-10	1.27E-08
1173	SR_212	Sensitive Receptor	Commercial	Offsite	377.407	6366.782	9.13E-08	9.46E-08	Not Modelled	2.89E-09	5.80E-11	2.31E-06	6.27E-09	1.25E-09	1.25E-16	6.27E-10	1.50E-11	1.11E-11	3.08E-11	1.01E-10	5.99E-10	9.57E-12	2.16E-10	1.10E-08	1.02E-09	1.31E-08
1174	SR_213	Sensitive Receptor	Commercial	Offsite	377.287	6366.835	7.79E-08	9.56E-08	Not Modelled	2.82E-09	5.46E-11	2.12E-06	5.90E-09	1.18E-09	1.18E-16	5.91E-10	1.41E-11	1.04E-11	2.90E-11	9.53E-11	5.64E-10	9.01E-12	2.04E-10	1.03E-08	9.58E-10	1.23E-08
1175	SR_214	Sensitive Receptor	Commercial	Offsite	377.256	6366.904	7.61E-08	9.50E-08	Not Modelled	2.77E-09	5.40E-11	2.10E-06	5.84E-09	1.17E-09	1.17E-16	5.84E-10	1.40E-11	1.03E-11	2.86E-11	9.43E-11	5.58E-10	8.92E-12	2.01E-10	1.02E-08	9.48E-10	1.22E-08
1176	SR_215	Sensitive Receptor	Commercial	Offsite	377.234	6366.996	7.62E-08	9.53E-08	Not Modelled	2.73E-09	5.44E-11	2.13E-06	5.87E-09	1.17E-09	1.17E-16	5.88E-10	1.41E-11	1.04E-11	2.88E-11	9.48E-11	5.61E-10	8.97E-12	2.02E-10	1.03E-08	9.53E-10	1.23E-08
1177	SR_216	Sensitive Receptor	Commercial	Offsite	377.144	6366.981	7.04E-08	9.52E-08	Not Modelled	2.69E-09	5.26E-11	2.02E-06	5.68E-09	1.14E-09	1.14E-16	5.69E-10	1.36E-11	1.00E-11	2.79E-11	9.18E-11	5.43E-10	8.68E-12	1.96E-10	9.95E-09	9.22E-10	1.19E-08
1178	SR_217	Sensitive Receptor	Commercial	Offsite	377.067	6366.981	6.63E-08	9.47E-08	Not Modelled	2.62E-09	5.12E-11	1.94E-06	5.54E-09	1.11E-09	1.11E-16	5.54E-10	1.32E-11	9.76E-12	2.72E-11	8.94E-11	5.29E-10	8.45E-12	1.91E-10	9.70E-09	8.98E-10	1.16E-08
1179	SR_218	Sensitive Receptor	Commercial	Offsite	377.069	6366.882	6.42E-08	9.46E-08	Not Modelled	2.62E-09	5.05E-11	1.88E-06	5.46E-09	1.09E-09	1.09E-16	5.46E-10	1.31E-11	9.62E-12	2.68E-11	8.81E-11	5.21E-10	8.33E-12	1.88E-10	9.55E-09	8.85E-10	1.14E-08
1180	SR_219	Sensitive Receptor	Commercial	Offsite	377.137	6366.767	6.65E-08	9.74E-08	Not Modelled	2.73E-09	5.19E-11	1.91E-06	5.61E-09	1.12E-09	1.12E-16	5.61E-10	1.34E-11	9.89E-12	2.75E-11	9.06E-11	5.36E-10	8.57E-12	1.93E-10	9.82E-09	9.10E-10	1.17E-08
1181	SR_220	Sensitive Receptor	Commercial	Offsite	377.042	6366.734	6.14E-08	9.66E-08	Not Modelled	2.59E-09	5.02E-11	1.80E-06	5.42E-09	1.08E-09	1.08E-16	5.43E-10	1.30E-11	9.56E-12	2.66E-11	8.76E-11	5.18E-10	8.28E-12	1.87E-10	9.49E-09	8.80E-10	1.13E-08
1182	SR_221	Sensitive Receptor	Commercial	Offsite	376.987	6366.895	6.06E-08	9.29E-08	Not Modelled	2.49E-09	4.90E-11	1.79E-06	5.29E-09	1.06E-09	1.06E-16	5.29E-10	1.27E-11	9.32E-12	2.59E-11	8.54E-11	5.05E-10	8.08E-12	1.82E-10	9.26E-09	8.58E-10	1.10E-08
1183	SR_222	Sensitive Receptor	Commercial	Offsite	376.945	6367.001	6.13E-08	9.26E-08	Not Modelled	2.45E-09	4.92E-11	1.81E-06	5.32E-09	1.06E-09	1.06E-16	5.32E-10	1.27E-11	9.37E-12	2.61E-11	8.58E-11	5.08E-10	8.12E-12	1.83E-10	9.31E-09	8.62E-10	1.11E-08
1184	SR_223	Sensitive Receptor	Commercial	Offsite	377.095	6366.597	6.54E-08	1.05E-07	Not Modelled	2.75E-09	5.39E-11	1.90E-06	5.82E-09	1.16E-09	1.16E-16	5.83E-10	1.39E-11	1.03E-11	2.86E-11	9.40E-11	5.56E-10	8.89E-12	2.01E-10	1.02E-08	9.45E-10	1.22E-08
1185	SR_224	Sensitive Receptor	Commercial	Offsite	377.243	6366.628	7.58E-08	1.06E-07	Not Modelled	2.96E-09	5.70E-11	2.09E-06	6.16E-09	1.23E-09	1.23E-16	6.16E-10	1.47E-11	1.09E-11	3.02E-11	9.95E-11	5.88E-10	9.40E-12	2.12E-10	1.08E-08	1.00E-09	1.29E-08
1186	SR_225	Sensitive Receptor	Commercial	Offsite	377.131	6366.425	6.96E-08	1.15E-07	Not Modelled	2.80E-09	5.84E-11	1.97E-06	6.31E-09	1.26E-09	1.26E-16	6.32E-10	1.51E-11	1.11E-11	3.10E-11	1.02E-10	6.03E-10	9.64E-12	2.18E-10	1.11E-08	1.02E-09	1.32E-08
1187	SR_226	Sensitive Receptor	Commercial	Offsite	377.248	6366.469	7.83E-08	1.17E-07	Not Modelled	3.01E-09	6.12E-11	2.16E-06	6.62E-09	1.32E-09	1.32E-16	6.62E-10	1.58E-11	1.17E-11	3.25E-11	1.07E-10	6.32E-10	1.01E-11	2.28E-10	1.16E-08	1.07E-09	1.38E-08
1188	SR_227	Sensitive Receptor	Commercial	Offsite	377.219	6366.182	7.23E-08	1.22E-07	Not Modelled	2.62E-09	6.13E-11	1.99E-06	6.63E-09	1.32E-09	1.32E-16	6.63E-10	1.58E-11	1.17E-11	3.25E-11	1.07E-10	6.32E-10	1.01E-11	2.28E-10	1.16E-08	1.08E-09	1.38E-08
1189	SR_228	Sensitive Receptor	Commercial	Offsite	377.285	6366.206	7.58E-08	1.23E-07	Not Modelled	2.71E-09	6.26E-11	2.08E-06	6.76E-09	1.35E-09	1.35E-16	6.77E-10	1.62E-11	1.19E-11	3.32E-11	1.09E-10	6.45E-10	1.03E-11	2.33E-10	1.18E-08	1.10E-09	1.41E-08
1190	SR_229	Sensitive Receptor	Commercial	Offsite	377.179	6366.281	7.17E-08	1.21E-07	Not Modelled	2.72E-09	6.08E-11	1.99E-06	6.56E-09	1.31E-09	1.31E-16	6.57E-10	1.57E-11	1.16E-11	3.22E-11	1.06E-10	6.27E-10	1.00E-11	2.26E-10	1.15E-08	1.07E-09	1.37E-08
1191	SR_230	Sensitive Receptor	Commercial	Offsite	377.281	6366.326	7.83E-08	1.21E-07	Not Modelled	2.87E-09	6.27E-11	2.12E-06	6.77E-09	1.35E-09	1.35E-16	6.77E-10	1.62E-11	1.19E-11	3.32E-11	1.09E-10	6.46E-10	1.03E-11	2.33E-10	1.19E-08	1.10E-09	1.41E-08
1192	SR_231	Sensitive Receptor	Commercial	Offsite	377.760	6364.849	2.95E-08	4.55E-08	Not Modelled	8.29E-10	2.40E-11	7.61E-07	2.59E-09	5.19E-10	5.19E-17	2.60E-10	6.20E-12	4.57E-12	1.27E-11	4.19E-11	2.48E-10	3.96E-12	8.94E-11	4.54E-09	4.21E-10	5.41E-09
1193	SR_232	Sensitive Receptor	Commercial	Offsite	377.693	6364.940	3.17E-08	4.92E-08	Not Modelled	9.03E-10	2.59E-11	8.41E-07	2.80E-09	5.60E-10	5.60E-17	2.80E-10	6.69E-12	4.93E-12	1.37E-11	4.52E-11	2.67E-10	4.27E-12	9.64E-11	4.90E-09	4.54E-10	5.84E-09
1194	SR_233	Sensitive Receptor	Commercial	Offsite	378.963	6368.005	4.47E-07	7.78E-07	Not Modelled	2.36E-08	4.13E-10	1.39E-05	4.46E-08	8.93E-09	8.93E-16	4.47E-09	1.07E-10	7.87E-11	2.19E-10	7.21E-10	4.26E-09	6.81E-11	1.54E-09	7.81E-08	7.24E-09	9.32E-08
1195	SR_234	Sensitive Receptor	Commercial	Offsite	378.908	6368.061	4.08E-07	7.05E-07	Not Modelled	2.03E-08	3.77E-10	1.17E-05	4.08E-08	8.15E-09	8.15E-16	4.08E-09	9.75E-11	7.18E-11	2.00E-10	6.58E-10	3.89E-09	6.22E-11	1.40E-09	7.14E-08	6.61E-09	8.51E-08

AQIA DATA - SCENARIO 2 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1196	SR_235	Sensitive Receptor	Commercial	Offsite	378.876	6368.011	3.71E-07	6.50E-07	Not Modelled	2.08E-08	3.43E-10	1.20E-05	3.71E-08	7.41E-09	7.41E-16	3.71E-09	8.87E-11	6.53E-11	1.82E-10	5.99E-10	3.54E-09	5.66E-11	1.28E-09	6.49E-08	6.01E-09	7.74E-08
1197	SR_236	Sensitive Receptor	Commercial	Offsite	378.827	6368.073	3.50E-07	6.08E-07	Not Modelled	1.81E-08	3.24E-10	1.04E-05	3.50E-08	7.00E-09	7.00E-16	3.50E-09	8.38E-11	6.17E-11	1.72E-10	5.65E-10	3.34E-09	5.34E-11	1.21E-09	6.13E-08	5.68E-09	7.31E-08
1198	SR_237	Sensitive Receptor	Commercial	Offsite	378.885	6367.927	3.64E-07	6.49E-07	Not Modelled	2.30E-08	3.37E-10	1.32E-05	3.64E-08	7.28E-09	7.28E-16	3.64E-09	8.71E-11	6.42E-11	1.79E-10	5.88E-10	3.48E-09	5.56E-11	1.26E-09	6.38E-08	5.91E-09	7.60E-08
1199	SR_238	Sensitive Receptor	Commercial	Offsite	378.806	6367.885	3.10E-07	5.59E-07	Not Modelled	2.12E-08	2.87E-10	1.20E-05	3.10E-08	6.19E-09	6.19E-16	3.10E-09	7.41E-11	5.46E-11	1.52E-10	5.00E-10	2.96E-09	4.73E-11	1.07E-09	5.42E-08	5.03E-09	6.46E-08
1200	SR_239	Sensitive Receptor	Commercial	Offsite	378.751	6367.935	2.86E-07	5.12E-07	Not Modelled	1.85E-08	2.64E-10	1.05E-05	2.86E-08	5.71E-09	5.71E-16	2.86E-09	6.83E-11	5.03E-11	1.40E-10	4.61E-10	2.73E-09	4.36E-11	9.84E-10	5.00E-08	4.63E-09	5.96E-08
1201	SR_240	Sensitive Receptor	Commercial	Offsite	378.717	6367.969	2.76E-07	4.91E-07	Not Modelled	1.71E-08	2.55E-10	9.74E-06	2.75E-08	5.51E-09	5.51E-16	2.76E-09	6.59E-11	4.85E-11	1.35E-10	4.45E-10	2.63E-09	4.20E-11	9.49E-10	4.82E-08	4.47E-09	5.75E-08
1202	SR_241	Sensitive Receptor	Commercial	Offsite	378.680	6368.002	2.67E-07	4.73E-07	Not Modelled	1.59E-08	2.46E-10	9.11E-06	2.66E-08	5.32E-09	5.32E-16	2.66E-09	6.37E-11	4.69E-11	1.31E-10	4.30E-10	2.54E-09	4.06E-11	9.18E-10	4.66E-08	4.32E-09	5.56E-08
1203	SR_242	Sensitive Receptor	Commercial	Offsite	378.651	6368.026	2.60E-07	4.61E-07	Not Modelled	1.50E-08	2.40E-10	8.65E-06	2.60E-08	5.20E-09	5.20E-16	2.60E-09	6.22E-11	4.58E-11	1.27E-10	4.20E-10	2.48E-09	3.97E-11	8.96E-10	4.55E-08	4.22E-09	5.42E-08
1204	SR_243	Sensitive Receptor	Commercial	Offsite	378.609	6368.052	2.50E-07	4.41E-07	Not Modelled	1.38E-08	2.31E-10	8.02E-06	2.50E-08	5.00E-09	5.00E-16	2.50E-09	5.98E-11	4.40E-11	1.23E-10	4.03E-10	2.39E-09	3.81E-11	8.61E-10	4.37E-08	4.05E-09	5.21E-08
1205	SR_244	Sensitive Receptor	Commercial	Offsite	378.562	6368.079	2.40E-07	4.22E-07	Not Modelled	1.26E-08	2.22E-10	7.34E-06	2.40E-08	4.79E-09	4.79E-16	2.40E-09	5.74E-11	4.23E-11	1.18E-10	3.87E-10	2.29E-09	3.66E-11	8.26E-10	4.20E-08	3.89E-09	5.00E-08
1206	SR_245	Sensitive Receptor	Commercial	Offsite	378.522	6368.107	2.34E-07	4.09E-07	Not Modelled	1.17E-08	2.16E-10	6.83E-06	2.33E-08	4.67E-09	4.67E-16	2.33E-09	5.58E-11	4.11E-11	1.14E-10	3.77E-10	2.23E-09	3.56E-11	8.04E-10	4.09E-08	3.79E-09	4.87E-08
1207	SR_246	Sensitive Receptor	Commercial	Offsite	378.485	6368.131	2.30E-07	4.00E-07	Not Modelled	1.10E-08	2.12E-10	6.46E-06	2.29E-08	4.59E-09	4.59E-16	2.30E-09	5.49E-11	4.04E-11	1.13E-10	3.70E-10	2.19E-09	3.50E-11	7.91E-10	4.02E-08	3.72E-09	4.79E-08
1208	SR_247	Sensitive Receptor	Commercial	Offsite	378.426	6368.163	2.25E-07	3.90E-07	Not Modelled	1.01E-08	2.07E-10	5.95E-06	2.24E-08	4.48E-09	4.48E-16	2.24E-09	5.36E-11	3.95E-11	1.10E-10	3.62E-10	2.14E-09	3.42E-11	7.72E-10	3.92E-08	3.64E-09	4.68E-08
1209	SR_248	Sensitive Receptor	Commercial	Offsite	378.706	6367.825	2.58E-07	4.69E-07	Not Modelled	1.87E-08	2.38E-10	1.05E-05	2.57E-08	5.15E-09	5.15E-16	2.58E-09	6.16E-11	4.54E-11	1.26E-10	4.16E-10	2.46E-09	3.93E-11	8.88E-10	4.51E-08	4.18E-09	5.37E-08
1210	SR_249	Sensitive Receptor	Commercial	Offsite	378.648	6367.866	2.39E-07	4.33E-07	Not Modelled	1.65E-08	2.21E-10	9.36E-06	2.39E-08	4.78E-09	4.78E-16	2.39E-09	5.71E-11	4.21E-11	1.17E-10	3.86E-10	2.28E-09	3.65E-11	8.23E-10	4.18E-08	3.87E-09	4.98E-08
1211	SR_250	Sensitive Receptor	Commercial	Offsite	378.609	6367.896	2.31E-07	4.16E-07	Not Modelled	1.53E-08	2.13E-10	8.76E-06	2.30E-08	4.60E-09	4.60E-16	2.30E-09	5.50E-11	4.06E-11	1.13E-10	3.72E-10	2.20E-09	3.51E-11	7.93E-10	4.03E-08	3.73E-09	4.80E-08
1212	SR_251	Sensitive Receptor	Commercial	Offsite	378.585	6367.921	2.26E-07	4.06E-07	Not Modelled	1.45E-08	2.08E-10	8.35E-06	2.25E-08	4.50E-09	4.50E-16	2.25E-09	5.39E-11	3.97E-11	1.10E-10	3.64E-10	2.15E-09	3.44E-11	7.77E-10	3.94E-08	3.65E-09	4.70E-08
1213	SR_252	Sensitive Receptor	Commercial	Offsite	378.554	6367.945	2.20E-07	3.95E-07	Not Modelled	1.37E-08	2.03E-10	7.92E-06	2.20E-08	4.40E-09	4.40E-16	2.20E-09	5.26E-11	3.88E-11	1.08E-10	3.55E-10	2.10E-09	3.36E-11	7.58E-10	3.85E-08	3.57E-09	4.59E-08
1214	SR_253	Sensitive Receptor	Commercial	Offsite	378.502	6367.981	2.12E-07	3.78E-07	Not Modelled	1.24E-08	1.96E-10	7.25E-06	2.12E-08	4.23E-09	4.23E-16	2.12E-09	5.06E-11	3.73E-11	1.04E-10	3.42E-10	2.02E-09	3.23E-11	7.30E-10	3.71E-08	3.43E-09	4.42E-08
1215	SR_254	Sensitive Receptor	Commercial	Offsite	378.422	6367.937	1.92E-07	3.43E-07	Not Modelled	1.13E-08	1.77E-10	6.70E-06	1.91E-08	3.82E-09	3.82E-16	1.91E-09	4.58E-11	3.37E-11	9.38E-11	3.09E-10	1.83E-09	2.92E-11	6.59E-10	3.35E-08	3.10E-09	3.99E-08
1216	SR_255	Sensitive Receptor	Commercial	Offsite	378.460	6367.909	1.96E-07	3.53E-07	Not Modelled	1.21E-08	1.81E-10	7.13E-06	1.96E-08	3.92E-09	3.92E-16	1.96E-09	4.69E-11	3.45E-11	9.61E-11	3.16E-10	1.87E-09	2.99E-11	6.75E-10	3.43E-08	3.18E-09	4.09E-08
1217	SR_256	Sensitive Receptor	Commercial	Offsite	378.501	6367.879	2.02E-07	3.64E-07	Not Modelled	1.30E-08	1.86E-10	7.59E-06	2.01E-08	4.02E-09	4.02E-16	2.01E-09	4.82E-11	3.55E-11	9.87E-11	3.25E-10	1.92E-09	3.07E-11	6.94E-10	3.52E-08	3.27E-09	4.20E-08
1218	SR_257	Sensitive Receptor	Commercial	Offsite	378.536	6367.846	2.08E-07	3.77E-07	Not Modelled	1.40E-08	1.92E-10	8.13E-06	2.07E-08	4.15E-09	4.15E-16	2.08E-09	4.96E-11	3.66E-11	1.02E-10	3.35E-10	1.98E-09	3.17E-11	7.15E-10	3.63E-08	3.37E-09	4.33E-08
1219	SR_258	Sensitive Receptor	Commercial	Offsite	378.569	6367.806	2.15E-07	3.91E-07	Not Modelled	1.51E-08	1.98E-10	8.72E-06	2.14E-08	4.28E-09	4.28E-16	2.14E-09	5.12E-11	3.77E-11	1.05E-10	3.46E-10	2.04E-09	3.27E-11	7.38E-10	3.75E-08	3.47E-09	4.47E-08
1220	SR_259	Sensitive Receptor	Commercial	Offsite	378.637	6367.804	2.34E-07	4.27E-07	Not Modelled	1.69E-08	2.16E-10	9.64E-06	2.33E-08	4.67E-09	4.67E-16	2.33E-09	5.58E-11	4.11E-11	1.14E-10	3.77E-10	2.23E-09	3.56E-11	8.05E-10	4.09E-08	3.79E-09	4.87E-08
1221	SR_260	Sensitive Receptor	Commercial	Offsite	378.485	6367.804	1.95E-07	3.54E-07	Not Modelled	1.31E-08	1.80E-10	7.72E-06	1.94E-08	3.88E-09	3.88E-16	1.94E-09	4.65E-11	3.42E-11	9.53E-11	3.14E-10	1.85E-09	2.97E-11	6.70E-10	3.40E-08	3.15E-09	4.05E-08
1222	SR_261	Sensitive Receptor	Commercial	Offsite	378.452	6367.770	1.88E-07	3.42E-07	Not Modelled	1.26E-08	1.73E-10	7.53E-06	1.87E-08	3.74E-09	3.74E-16	1.87E-09	4.48E-11	3.30E-11	9.18E-11	3.02E-10	1.79E-09	2.86E-11	6.45E-10	3.28E-08	3.04E-09	3.91E-08
1223	SR_262	Sensitive Receptor	Commercial	Offsite	378.397	6367.821	1.79E-07	3.25E-07	Not Modelled	1.14E-08	1.65E-10	6.83E-06	1.79E-08	3.57E-09	3.57E-16	1.79E-09	4.28E-11	3.15E-11	8.77E-11	2.89E-10	1.71E-09	2.73E-11	6.16E-10	3.13E-08	2.90E-09	3.73E-08
1224	SR_263	Sensitive Receptor	Commercial	Offsite	378.331	6367.882	1.73E-07	3.10E-07	Not Modelled	1.01E-08	1.59E-10	6.09E-06	1.72E-08	3.44E-09	3.44E-16	1.72E-09	4.11E-11	3.03E-11	8.43E-11	2.78E-10	1.64E-09	2.63E-11	5.93E-10	3.01E-08	2.79E-09	3.59E-08
1225	SR_264	Sensitive Receptor	Commercial	Offsite	378.242	6368.021	1.77E-07	3.11E-07	Not Modelled	8.43E-09	1.63E-10	5.21E-06	1.76E-08	3.52E-09	3.52E-16	1.76E-09	4.21E-11	3.10E-11	8.62E-11	2.84E-10	1.68E-09	2.68E-11	6.06E-10	3.08E-08	2.85E-09	3.67E-08
1226	SR_265	Sensitive Receptor	Commercial	Offsite	378.195	6368.099	1.84E-07	3.21E-07	Not Modelled	7.67E-09	1.69E-10	4.81E-06	1.83E-08	3.66E-09	3.66E-16	1.83E-09	4.38E-11	3.23E-11	8.98E-11	2.96E-10	1.75E-09	2.80E-11	6.31E-10	3.21E-08	2.97E-09	3.82E-08
1227	SR_266	Sensitive Receptor	Commercial	Offsite	378.346	6368.095	2.00E-07	3.49E-07	Not Modelled	9.39E-09	1.84E-10	5.62E-06	1.99E-08	3.98E-09	3.98E-16	1.99E-09	4.76E-11	3.51E-11	9.76E-11	3.21E-10	1.90E-09	3.04E-11	6.86E-10	3.48E-08	3.23E-09	4.15E-08
1228	SR_267	Sensitive Receptor	Commercial	Offsite	377.340	6365.871	6.65E-08	1.06E-07	Not Modelled	2.06E-09	5.45E-11	1.82E-06	5.89E-09	1.18E-09	1.18E-16	5.89E-10	1.41E-11	1.04E-11	2.89E-11	9.51E-11	5.62E-10	8.99E-12	2.03E-10	1.03E-08	9.56E-10	1.23E-08
1229	SR_268	Sensitive Receptor	Commercial	Offsite	377.340	6365.806	6.38E-08	1.02E-07	Not Modelled	1.94E-09	5.25E-11	1.75E-06	5.67E-09	1.13E-09	1.13E-16	5.67E-10	1.36E-11	9.99E-12	2.78E-11	9.15E-11	5.41E-10	8.65E-12	1.95E-10	9.92E-09	9.20E-10	1.18E-08
1230	SR_269	Sensitive Receptor	Commercial	Offsite	379.950	6370.344	1.53E-07	2.68E-07	Not Modelled	3.47E-09	1.41E-10	1.21E-06	1.52E-08	3.05E-09	3.05E-16	1.53E-09	3.65E-11	2.69E-11	7.48E-11	2.46E-10	1.46E-09	2.33E-11	5.26E-10	2.67E-08	2.47E-09	3.18E-08
1231	SR_270	Sensitive Receptor	Commercial	Offsite	376.746	6366.522	5.29E-08	9.51E-08	Not Modelled	1.98E-09	4.73E-11	1.58E-06	5.11E-09	1.02E-09	1.02E-16	5.11E-10	1.22E-11	9.01E-12	2.51E-11	8.25E-11	4.88E-10	7.80E-12	1.76E-10	8.95E-09	8.29E-10	1.07E-08
1327	NG_23	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.607	1.34E-07	2.21E-07	Not Modelled	3.18E-09	1.14E-10	4.22E-06	1.24E-08	2.47E-09	2.47E-16	1.24E-09	2.96E-11	2.18E-11	6.06E-11	1.99E-10	1.18E-09	1.89E-11	4.26E-10	2.16E-08	2.00E-09	2.58E-08
1328	NG_24	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.607	1.44E-07	2.42E-07	Not Modelled	3.43E-09	1.24E-10	4.53E-06	1.34E-08	2.68E-09	2.68E-16	1.34E-09	3.21E-11	2.36E-11	6.58E-11	2.17E-10	1.28E-09	2.05E-11	4.63E-10	2.35E-08	2.18E-09	2.80E-08
1329	NG_25	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.607	1.55E-07	2.65E-07	Not Modelled	3.71E-09	1.35E-10	4.87E-06	1.45E-08	2.91E-09	2.91E-16	1.46E-09	3.48E-11	2.56E-11	7.14E-11	2.35E-10	1.39E-09	2.22E-11	5.02E-10	2.55E-08	2.36E-09	3.04E-08
1330	NG_26	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.607	1.66E-07	2.89E-07	Not Modelled	4.04E-09	1.46E-10	5.22E-06	1.58E-08	3.15E-09	3.15E-16	1.58E-09	3.77E-11	2.78E-11	7.73E-11	2.54E-10	1.50E-09	2.41E-11	5.43E-10	2.76E-08	2.56E-09	3.29E-08
1331	NG_27	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.607	1.77E-07	3.12E-07	Not Modelled	4.41E-09	1.57E-10	5.53E-06	1.69E-08	3.39E-09	3.39E-16	1.69E-09	4.05E-11	2.99E-11	8.31E-11	2.74E-10	1.62E-09	2.59E-11	5.84E-10	2.97E-08	2.75E-09	3.54E-08
1332	NG_28	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.607	1.89E-07	3.37E-07	Not Modelled	4.84E-09	1.68E-10	5.84E-06	1.82E-08	3.64E-09	3.64E-16	1.82E-09	4.35E-11	3.21E-11	8.92E-11	2.94E-10	1.74E-09	2.78E-11	6.27E-10	3.18E-08	2.95E-09	3.80E-08
1333	NG_29	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.607	2.03E-07	3.66E-07	Not Modelled	5.41E-09	1.82E-10	6.22E-06	1.97E-08	3.93E-09	3.93E-16	1.97E-09	4.70E-11	3.46E-11	9.64E-11	3.17E-10	1.88E-09	3.00E-11	6.78E-10	3.44E-08	3.19E-09	4.10E-08
1334	NG_30	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.607	2.20E-07	3.98E-07	Not Modelled	6.15E-09	1.97E-10	6.65E-06	2.13E-08	4.26E-09	4.26E-16	2.13E-09	5.10E-11	3.76E-11	1.04E-10	3.44E-10	2.03E-09	3.25E-11	7.35E-10	3.73E-08	3.46E-09	4.45E-08
1335	NG_31	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.607	2.38E-07	4.33E-07	Not Modelled	7.07E-09	2.14E-10	7.10E-06	2.31E-08	4.62E-09	4.62E-16	2.31E-09	5.52E-11	4.07E-11	1.13E-10	3.73E-10	2.20E-09	3.53E-11	7.96E-10	4.04E-08	3.75E-09	4.82E-08
1336	NG_32	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.607	2.57E-07	4.69E-07	Not Modelled	8.16E-09	2.31E-10	7.56E-06	2.49E-08	4.99E-09	4.99E-16	2.49E-09	5.97E-11	4.40E-11	1.22E-10	4.03E-10	2.38E-09	3.81E-11	8.60E-10	4.37E-08	4.05E-09	5.21E-08
1337	NG_33	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.607	2.78E-07	5.09E-07	Not Modelled	9.46E-09	2.49E-10	8.07E-06	2.70E-08	5.39E-09	5.39E-16	2.70E-09	6.45E-11	4.75E-11	1.32E-10	4.35E-10	2.57E-09	4.12E-11	9.30E-10	4.72E-08	4.37E-09	5.63E-08
1338	NG_34	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.607	2.99E-07	5.50E-07	Not Modelled	1.09E-08	2.69E-10	8.60E-06	2.90E-08	5.81E-09	5.81E-16	2.90E-09	6.95E-11	5.12E-11	1.42E-10	4.69E-10	2.77E-09	4.43E-11	1.00E-09	5.08E-08	4.71E-09	6.06E-08
1339	NG_35	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.607	3.18E-07	5.88E-07	Not Modelled	1.25E-08	2.86E-10	9.08E-06	3.09E-08	6.19E-09	6.19E-16	3.09E-09	7.40E-11	5.45E-11	1.52E-10	5.00E-10	2.95E-09	4.72E-11	1.07E-09	5.42E-08	5.02E-09	6.46E-08
1340	NG_36	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.607	3.36E-07	6.22E-07	Not Modelled	1.42E-08	3.02E-10	9.52E-06	3.27E-08	6.53E-09	6.53E-16	3.27E-09	7.82E-11	5.76E-11	1.60E-10	5.28E-10	3.12E-09	4.99E-11	1.13E-09	5.72E-08	5.30E-09	6.82E-08
1341	NG_37	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.607	3.51E-07	6.53E-07	Not Modelled	1.59E-08	3.16E-10	9.94E-06	3.42E-08	6.84E-09	6.84E-16	3.42E-09	8.18E-11	6.03E-11	1.68E-10	5.52E-10	3.27E-09	5.22E-11	1.18E-09	5.99E-08	5.55E-09	7.14E-08
1342	NG_38	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.607	3.61E-07	6.74E-07	Not Modelled	1.77E-08	3.26E-10	1.02E-05	3.52E-08	7.05E-09	7.05E-16	3.52E-09	8.43E-11	6.21E-11	1.73E-10	5.69E-10	3.36E-09	5.38E-11	1.21E-09	6.17E-08	5.72E-09	7.35E-08
1343	NG_39	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.607	3.68E-07	6.89E-07	Not Modelled	1.94E-08	3.33E-10	1.04E-05	3.60E-08	7.19E-09	7.19E-16	3.60E-09	8.60E-11	6.34E-11	1.76E-10	5.81E-10	3.43E-09	5.49E-11	1.24E-09	6.29E-08	5.83E-09	7.50E-08
1344	NG_40	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.607	3.69E-07	6.95E-07	Not Modelled	2.09E-08	3.35E-10	1.05E-05	3.62E-08	7.23E-09	7.23E-16	3.62E-09	8.66E-11	6.38E-11	1.77E-10	5.84E-10	3.45E-09	5.52E-11	1.25E-09	6.33E-08	5.87E-09	7.55E-08
1345	NG_41	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.607	3.70E-07	6.98E-07	Not Modelled	2.23E-08	3.35E-10	1.06E-05	3.63E-08	7.25E-09	7.25E-16	3.63E-09	8.68E-11	6.39E-11	1.78E-10	5.86E-10	3.46E-09	5.54E-11	1.25E-09	6.35E-08	5.88E-09	7.57E-08
1366	NG_62	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.657	1.27E-07	2.14E-07	Not Modelled	3.16E-09	1.10E-10	4.14E-06	1.19E-08	2.38E-09	2.38E-16	1.19E-09	2.85E-11	2.10E-11	5.84E-11	1.92E-10	1.14E-09	1.82E-11	4.10E-10	2.08E-08	1.93E-09	2.48E-08
1367	NG_63	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.657	1.39E-07	2.37E-07	Not Modelled	3.45E-09	1.21E-10	4.55E-06	1.31E-08	2.62E-09	2.62E-16	1.31E-09	3.14E-11	2.31E-11	6.43E-11	2.12E-10	1.25E-09	2.00E-11	4.52E-10	2.30E-08	2.13E-09	2.74E-08
1368	NG_64	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.657	1.50E-07	2.59E-07	Not Modelled	3.71E-09	1.32E-10	4.87E-06	1.42E-08	2.85E-09	2.85E-16	1.42E-09	3.40E-11	2.51E-11	6.98E-11	2.30E-10	1.36E-09	2.17E-11	4.91E-10	2.49E-08	2.31E-09	2.97E-08
1369	NG_65	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.657	1.61E-07	2.81E-07	Not Modelled	3.98E-09	1.42E-10	5.18E-06	1.54E-08	3.07E-09	3.07E-16	1.54E-09	3.67E-11	2.71E-11	7.53E-11	2.48E-10	1.47E-09	2.35E-11	5.29E-10	2.69E-08	2.49E-09	3.21E-08
1370	NG_66	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.657	1.74E-07	3.07E-07	Not Modelled	4.32E-09	1.54E-10	5.59E-06	1.67E-08	3.34E-09	3.34E-16	1.67E-09	3.99E-11	2.94E-11	8.19E-11	2.70E-10	1.59E-09	2.55E-11	5.76E-10	2.92E-08	2.71E-09	3.48E-08
1371	NG_67	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.657	1.87E-07	3.35E-07	Not Modelled	4.73E-09	1.67E-10	6.00E-06	1.81E-08	3.62E-09	3.62E-16	1.81E-09	4.33E-11	3.19E-11	8.87E-11	2.92E-10	1.73E-09	2.76E-11	6.24E-10	3.17E-08	2.93E-09	3.78E-08
1372	NG_68	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.657	1.99E-07	3.59E-07	Not Modelled	5.14E-09	1.79E-10	6.30E-06	1.93E-08	3.87E-09	3.87E-16	1.93E-09	4.63E-11	3.41E-11	9.48E-11	3.12E-10	1.85E-09	2.95E-11	6.67E-10	3.39E-08	3.14E-09	4.04E-08
1373	NG_69	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.657	2.13E-07	3.87E-07	Not Modelled	5.68E-09	1.92E-10	6.64E-06	2.08E-08	4.15E-09	4.15E-16	2.08E-09	4.97E-11	3.66E-11	1.02E-10	3.35E-10	1.98E-09	3.17E-11	7.16E-10	3.63E-08	3.37E-09	4.33E-08
1374	NG_70	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.657	2.30E-07	4.22E-07	Not Modelled	6.45E-09	2.08E-10	7.11E-06	2.25E-08	4.50E-09	4.50E-16	2.25E-09	5.39E-11	3.97E-11	1.10E-10	3.64E-10	2.15E-09	3.44E-11	7.77E-10	3.94E-08	3.65E-09	4.70E-08
1375	NG_71	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.657	2.50E-07	4.61E-07	Not Modelled	7.45E-09	2.27E-10	7.62E-06	2.45E-08	4.90E-09	4.90E-16	2.45E-09	5.86E-11	4.32E-11	1.20E-10	3.96E-10	2.34E-09	3.74E-11	8.45E-10	4.29E-08	3.97E-09	5.11E-08
1376	NG_72	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.657	2.71E-07	5.02E-07	Not Modelled	8.66E-09	2.46E-10	8.15E-06	2.66E-08	5.32E-09	5.32E-16	2.66E-09	6.36E-11	4.69E-11	1.30E-10	4.29E-10	2.54E-09	4.06E-11	9.17E-10	4.66E-08	4.31E-09	5.55E-08
1377	NG_73	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.657	2.95E-07	5.49E-07	Not Modelled	1.02E-08	2.68E-10	8.77E-06	2.89E-08	5.79E-09	5.79E-16	2.89E-09	6.92E-11	5.10E-11	1.42E-10	4.67E-10	2.76E-09	4.42E-11	9.98E-10	5.07E-08	4.69E-09	6.04E-08
1378	NG_74	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.657	3.18E-07	5.95E-07	Not Modelled	1.19E-08	2.89E-10	9.38E-06	3.13E-08	6.25E-09	6.25E-16	3.13E-09	7.48E-11	5.51E-11	1.53E-10	5.05E-10	2.99E-09	4.78E-11	1.08E-09	5.48E-08	5.07E-09	6.53E-08
1379	NG_75	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.657	3.41E-07	6.39E-07	Not Modelled	1.37E-08	3.10E-10	9.95E-06	3.35E-08	6.69E-09	6.69E-16	3.35E-09	8.01E-11	5.90E-11	1.64E-10	5.41E-10	3.20E-09	5.11E-11	1.15E-09	5.86E-08	5.43E-09	6.99E-08
1380	NG_76	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.657	3.60E-07	6.77E-07	Not Modelled	1.57E-08	3.28E-10	1.05E-05	3.54E-08	7.08E-09	7.08E-16	3.54E-09	8.47E-11	6.24E-11	1.74E-10	5.72E-10	3.38E-09	5.41E-11	1.22E-09	6.20E-08	5.74E-09	7.39E-08
1381	NG_77	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.657	3.79E-07	7.14E-07	Not Modelled	1.78E-08	3.45E-10	1.10E-05	3.72E-08	7.45E-09	7.45E-16	3.73E-09	8.91E-11	6.57E-11	1.83E-10	6.01E-10	3.56E-09	5.69E-11	1.28E-09	6.52E-08	6.04E-09	7.77E-08
1382	NG_78	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.657	3.91E-07	7.40E-07	Not Modelled	1.98E-08	3.56E-10	1.13E-05	3.85E-08	7.70E-09	7.70E-16	3.85E-09	9.21E-11	6.79E-11	1.89E-10	6.22E-10	3.68E-09	5.88E-11	1.33E-09	6.74E-08	6.25E-09	8.03E-08
1383	NG_79	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.657	4.01E-07	7.61E-07	Not Modelled	2.18E-08	3.66E-10	1.17E-05	3.95E-08	7.90E-09	7.90E-16	3.95E-09	9.46E-11	6.97E-11	1.94E-10	6.38E-10	3.77E-09	6.03E-11	1.36E-09	6.92E-08	6.41E-09	8.25E-08
1384	NG_80	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.657	4.05E-07	7.70E-07	Not Modelled	2.36E-08	3.69E-10	1.19E-05	3.99E-08	7.98E-09	7.98E-16	3.99E-09	9.55E-11	7.04E-11	1.96E-10	6.45E-10	3.81E-09	6.10E-11	1.38E-09	6.99E-08	6.48E-09	8.33E-08
1385	NG_81	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.657	4.01E-07	7.63E-07	Not Modelled	2.52E-08	3.66E-10	1.18E-05	3.96E-08	7.91E-09	7.91E-16	3.96E-09	9.47E-11	6.97E-11	1.94E-10	6.39E-10	3.78E-09	6.04E-11	1.36E-09	6.93E-08	6.42E-09	8.26E-08
1386	NG_82	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.657	3.98E-07	7.58E-07	Not Modelled	2.66E-08	3.63E-10	1.17E-05	3.93E-08	7.85E-09	7.85E-16	3.93E-09	9.40E-11	6.92E-11	1.93E-10	6.34E-10	3.75E-09	6.00E-11	1.35E-09	6.88E-08	6.37E-09	8.20E-08
1392	NG_88	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.707	1.44E-07	2.42E-07	Not Modelled	4.35E-09	1.24E-10	5.13E-06	1.34E-08	2.69E-09	2.69E-16	1.34E-09	3.22E-11	2.37E-11	6.59E-11	2.17E-10	1.28E-09	2.05E-11	4.63E-10	2.35E-08	2.18E-09	2.81E-08
1402	NG_98	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.707	1.15E-07	1.94E-07	Not Modelled	3.10E-09	1.00E-10	3.91E-06	1.09E-08	2.17E-09	2.17E-16	1.09E-09	2.60E-11	1.91E-11	5.33E-11	1.75E-10	1.04E-09	1.66E-11	3.74E-10	1.90E-08	1.76E-09	2.27E-08
1403	NG_99	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.707	1.15E-07	1.96E-07	Not Modelled	3.08E-09	1.01E-10	3.92E-06	1.09E-08	2.19E-09	2.19E-16	1.09E-09	2.61E-11	1.93E-11	5.36E-11	1.76E-10	1.04E-09	1.67E-11	3.77E-10	1.91E-08	1.77E-09	2.28E-08
1404	NG_100	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.707	1.17E-07	1.99E-07	Not Modelled	3.09E-09	1.03E-10	3.95E-06	1.11E-08	2.22E-09	2.22E-16	1.11E-09	2.66E-11	1.96E-11	5.45E-11	1.79E-10	1.06E-09	1.70E-11	3.83E-10	1.94E-08	1.80E-09	2.32E-08
1405	NG_101	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.707	1.22E-07	2.08E-07	Not Modelled	3.17E-09	1.07E-10	4.06E-06	1.16E-08	2.31E-09	2.31E-16	1.16E-09	2.76E-11	2.04E-11	5.67E-11	1.87E-10	1.10E-09	1.76E-11	3.98E-10	2.02E-08	1.87E-09	2.41E-08
1406	NG_102	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.707	1.30E-07	2.24E-07	Not Modelled	3.36E-09	1.15E-10	4.33E-06	1.24E-08	2.48E-09	2.48E-16	1.24E-09	2.96E-11	2.18E-11	6.08E-11	2.00E-10	1.18E-09	1.89E-11	4.27E-10	2.17E-08	2.01E-09	2.59E-08
1407	NG_103	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.707	1.41E-07	2.46E-07	Not Modelled	3.63E-09	1.25E-10	4.69E-06	1.35E-08	2.70E-09	2.70E-16	1.35E-09	3.23E-11	2.38E-11	6.62E-11	2.18E-10	1.29E-09	2.06E-11	4.65E-10	2.36E-08	2.19E-09	2.82E-08
1408	NG_104	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.707	1.55E-07	2.72E-07	Not Modelled	3.97E-09	1.38E-10	5.14E-06	1.49E-08	2.97E-09	2.97E-16	1.49E-09	3.56E-11	2.62E-11	7.29E-11	2.40E-10	1.42E-09	2.27E-11	5.13E-10	2.60E-08	2.41E-09	3.10E-08
1409	NG_105	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.707	1.68E-07	2.98E-07	Not Modelled	4.29E-09	1.50E-10	5.54E-06	1.62E-08	3.24E-09	3.24E-16	1.62E-09	3.88E-11	2.86E-11	7.95E-11	2.62E-10	1.55E-09	2.48E-11	5.59E-10	2.84E-08	2.63E-09	3.38E-08

AQIA DATA - SCENARIO 2 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1410	NG_106	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.707	1.81E-07	3.25E-07	Not Modelled	4.63E-09	1.63E-10	5.94E-06	1.76E-08	3.52E-09	3.52E-16	1.76E-09	4.21E-11	3.10E-11	8.63E-11	2.84E-10	1.68E-09	2.69E-11	6.07E-10	3.08E-08	2.85E-09	3.67E-08
1411	NG_107	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.707	1.95E-07	3.53E-07	Not Modelled	5.02E-09	1.76E-10	6.35E-06	1.90E-08	3.80E-09	3.80E-16	1.90E-09	4.55E-11	3.35E-11	9.33E-11	3.07E-10	1.82E-09	2.90E-11	6.56E-10	3.33E-08	3.09E-09	3.97E-08
1412	NG_108	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.707	2.11E-07	3.85E-07	Not Modelled	5.50E-09	1.91E-10	6.84E-06	2.06E-08	4.13E-09	4.13E-16	2.07E-09	4.94E-11	3.64E-11	1.01E-10	3.33E-10	1.97E-09	3.15E-11	7.12E-10	3.61E-08	3.35E-09	4.31E-08
1413	NG_109	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.707	2.26E-07	4.14E-07	Not Modelled	6.04E-09	2.05E-10	7.20E-06	2.21E-08	4.43E-09	4.43E-16	2.22E-09	5.30E-11	3.90E-11	1.09E-10	3.58E-10	2.11E-09	3.38E-11	7.64E-10	3.88E-08	3.59E-09	4.62E-08
1414	NG_110	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.707	2.42E-07	4.47E-07	Not Modelled	6.77E-09	2.20E-10	7.60E-06	2.38E-08	4.76E-09	4.76E-16	2.38E-09	5.70E-11	4.20E-11	1.17E-10	3.85E-10	2.27E-09	3.64E-11	8.21E-10	4.17E-08	3.86E-09	4.97E-08
1415	NG_111	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.707	2.62E-07	4.86E-07	Not Modelled	7.77E-09	2.39E-10	8.11E-06	2.58E-08	5.16E-09	5.16E-16	2.58E-09	6.18E-11	4.55E-11	1.27E-10	4.17E-10	2.47E-09	3.94E-11	8.90E-10	4.52E-08	4.19E-09	5.39E-08
1416	NG_112	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.707	2.85E-07	5.33E-07	Not Modelled	9.09E-09	2.61E-10	8.73E-06	2.82E-08	5.63E-09	5.63E-16	2.82E-09	6.74E-11	4.97E-11	1.38E-10	4.55E-10	2.69E-09	4.30E-11	9.71E-10	4.93E-08	4.57E-09	5.88E-08
1417	NG_113	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.707	3.11E-07	5.83E-07	Not Modelled	1.07E-08	2.84E-10	9.40E-06	3.07E-08	6.14E-09	6.14E-16	3.07E-09	7.35E-11	5.41E-11	1.51E-10	4.96E-10	2.93E-09	4.69E-11	1.06E-09	5.38E-08	4.98E-09	6.41E-08
1418	NG_114	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.707	3.39E-07	6.38E-07	Not Modelled	1.28E-08	3.10E-10	1.02E-05	3.35E-08	6.70E-09	6.70E-16	3.35E-09	8.01E-11	5.90E-11	1.64E-10	5.41E-10	3.20E-09	5.11E-11	1.15E-09	5.86E-08	5.43E-09	6.99E-08
1419	NG_115	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.707	3.66E-07	6.93E-07	Not Modelled	1.50E-08	3.35E-10	1.09E-05	3.62E-08	7.24E-09	7.24E-16	3.62E-09	8.66E-11	6.38E-11	1.78E-10	5.85E-10	3.46E-09	5.53E-11	1.25E-09	6.34E-08	5.87E-09	7.56E-08
1420	NG_116	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.707	3.89E-07	7.38E-07	Not Modelled	1.74E-08	3.56E-10	1.15E-05	3.85E-08	7.70E-09	7.70E-16	3.85E-09	9.21E-11	6.79E-11	1.89E-10	6.22E-10	3.68E-09	5.88E-11	1.33E-09	6.74E-08	6.24E-09	8.03E-08
1421	NG_117	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.707	4.09E-07	7.78E-07	Not Modelled	1.98E-08	3.75E-10	1.21E-05	4.05E-08	8.10E-09	8.10E-16	4.05E-09	9.69E-11	7.14E-11	1.99E-10	6.54E-10	3.87E-09	6.18E-11	1.40E-09	7.09E-08	6.57E-09	8.45E-08
1422	NG_118	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.707	4.25E-07	8.11E-07	Not Modelled	2.22E-08	3.90E-10	1.26E-05	4.21E-08	8.42E-09	8.42E-16	4.21E-09	1.01E-10	7.42E-11	2.07E-10	6.80E-10	4.02E-09	6.43E-11	1.45E-09	7.37E-08	6.83E-09	8.79E-08
1423	NG_119	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.707	4.34E-07	8.30E-07	Not Modelled	2.45E-08	3.98E-10	1.29E-05	4.30E-08	8.60E-09	8.60E-16	4.30E-09	1.03E-10	7.58E-11	2.11E-10	6.95E-10	4.11E-09	6.57E-11	1.48E-09	7.53E-08	6.98E-09	8.98E-08
1424	NG_120	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.707	4.41E-07	8.44E-07	Not Modelled	2.67E-08	4.04E-10	1.32E-05	4.37E-08	8.73E-09	8.73E-16	4.37E-09	1.05E-10	7.70E-11	2.14E-10	7.05E-10	4.17E-09	6.67E-11	1.51E-09	7.65E-08	7.09E-09	9.12E-08
1425	NG_121	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.707	4.43E-07	8.49E-07	Not Modelled	2.86E-08	4.06E-10	1.33E-05	4.39E-08	8.77E-09	8.77E-16	4.39E-09	1.05E-10	7.73E-11	2.15E-10	7.08E-10	4.19E-09	6.70E-11	1.51E-09	7.68E-08	7.12E-09	9.16E-08
1426	NG_122	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.707	4.35E-07	8.35E-07	Not Modelled	3.01E-08	3.99E-10	1.32E-05	4.31E-08	8.62E-09	8.63E-16	4.31E-09	1.03E-10	7.60E-11	2.12E-10	6.96E-10	4.12E-09	6.59E-11	1.49E-09	7.55E-08	7.00E-09	9.00E-08
1427	NG_123	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.707	4.24E-07	8.15E-07	Not Modelled	3.13E-08	3.90E-10	1.29E-05	4.21E-08	8.42E-09	8.42E-16	4.21E-09	1.01E-10	7.42E-11	2.06E-10	6.80E-10	4.02E-09	6.43E-11	1.45E-09	7.37E-08	6.83E-09	8.79E-08
1433	NG_129	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.757	1.59E-07	2.77E-07	Not Modelled	5.03E-09	1.41E-10	5.81E-06	1.52E-08	3.04E-09	3.04E-16	1.52E-09	3.64E-11	2.68E-11	7.47E-11	2.46E-10	1.45E-09	2.32E-11	5.25E-10	2.67E-08	2.47E-09	3.18E-08
1434	NG_130	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.757	1.56E-07	2.71E-07	Not Modelled	4.88E-09	1.38E-10	5.69E-06	1.49E-08	2.98E-09	2.98E-16	1.49E-09	3.57E-11	2.63E-11	7.31E-11	2.41E-10	1.42E-09	2.28E-11	5.14E-10	2.61E-08	2.42E-09	3.11E-08
1435	NG_131	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.757	1.51E-07	2.63E-07	Not Modelled	4.70E-09	1.34E-10	5.50E-06	1.45E-08	2.90E-09	2.90E-16	1.45E-09	3.47E-11	2.56E-11	7.12E-11	2.34E-10	1.39E-09	2.22E-11	5.00E-10	2.54E-08	2.35E-09	3.03E-08
1436	NG_132	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.757	1.47E-07	2.56E-07	Not Modelled	4.53E-09	1.31E-10	5.33E-06	1.42E-08	2.83E-09	2.83E-16	1.42E-09	3.39E-11	2.49E-11	6.94E-11	2.29E-10	1.35E-09	2.16E-11	4.88E-10	2.48E-08	2.30E-09	2.95E-08
1437	NG_133	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.757	1.43E-07	2.49E-07	Not Modelled	4.35E-09	1.28E-10	5.16E-06	1.38E-08	2.76E-09	2.76E-16	1.38E-09	3.30E-11	2.43E-11	6.76E-11	2.23E-10	1.32E-09	2.10E-11	4.75E-10	2.41E-08	2.24E-09	2.88E-08
1442	NG_138	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.757	1.27E-07	2.22E-07	Not Modelled	3.63E-09	1.14E-10	4.46E-06	1.23E-08	2.46E-09	2.46E-16	1.23E-09	2.94E-11	2.17E-11	6.03E-11	1.99E-10	1.17E-09	1.88E-11	4.24E-10	2.15E-08	2.00E-09	2.57E-08
1443	NG_139	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.757	1.26E-07	2.19E-07	Not Modelled	3.53E-09	1.12E-10	4.37E-06	1.21E-08	2.43E-09	2.43E-16	1.21E-09	2.91E-11	2.14E-11	5.96E-11	1.96E-10	1.16E-09	1.85E-11	4.19E-10	2.13E-08	1.97E-09	2.53E-08
1444	NG_140	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.757	1.26E-07	2.20E-07	Not Modelled	3.49E-09	1.13E-10	4.35E-06	1.22E-08	2.43E-09	2.43E-16	1.22E-09	2.91E-11	2.15E-11	5.97E-11	1.97E-10	1.16E-09	1.86E-11	4.20E-10	2.13E-08	1.97E-09	2.54E-08
1445	NG_141	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.757	1.28E-07	2.24E-07	Not Modelled	3.50E-09	1.14E-10	4.38E-06	1.24E-08	2.47E-09	2.47E-16	1.24E-09	2.96E-11	2.18E-11	6.07E-11	2.00E-10	1.18E-09	1.89E-11	4.26E-10	2.17E-08	2.01E-09	2.58E-08
1446	NG_142	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.757	1.33E-07	2.34E-07	Not Modelled	3.59E-09	1.19E-10	4.50E-06	1.29E-08	2.57E-09	2.57E-16	1.29E-09	3.08E-11	2.27E-11	6.31E-11	2.08E-10	1.23E-09	1.97E-11	4.44E-10	2.25E-08	2.09E-09	2.69E-08
1447	NG_143	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.757	1.43E-07	2.53E-07	Not Modelled	3.82E-09	1.28E-10	4.82E-06	1.38E-08	2.77E-09	2.77E-16	1.39E-09	3.31E-11	2.44E-11	6.79E-11	2.24E-10	1.32E-09	2.11E-11	4.77E-10	2.42E-08	2.25E-09	2.89E-08
1448	NG_144	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.757	1.56E-07	2.78E-07	Not Modelled	4.15E-09	1.40E-10	5.25E-06	1.52E-08	3.03E-09	3.03E-16	1.52E-09	3.63E-11	2.68E-11	7.44E-11	2.45E-10	1.45E-09	2.32E-11	5.23E-10	2.66E-08	2.46E-09	3.17E-08
1449	NG_145	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.757	1.71E-07	3.08E-07	Not Modelled	4.53E-09	1.54E-10	5.73E-06	1.67E-08	3.34E-09	3.34E-16	1.67E-09	3.99E-11	2.94E-11	8.18E-11	2.69E-10	1.59E-09	2.55E-11	5.75E-10	2.92E-08	2.71E-09	3.48E-08
1450	NG_146	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.757	1.87E-07	3.38E-07	Not Modelled	4.91E-09	1.69E-10	6.20E-06	1.82E-08	3.65E-09	3.65E-16	1.82E-09	4.36E-11	3.22E-11	8.95E-11	2.95E-10	1.74E-09	2.79E-11	6.29E-10	3.19E-08	2.96E-09	3.81E-08
1451	NG_147	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.757	2.03E-07	3.70E-07	Not Modelled	5.34E-09	1.84E-10	6.70E-06	1.99E-08	3.98E-09	3.98E-16	1.99E-09	4.76E-11	3.51E-11	9.76E-11	3.21E-10	1.90E-09	3.04E-11	6.86E-10	3.48E-08	3.23E-09	4.15E-08
1452	NG_148	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.757	2.20E-07	4.03E-07	Not Modelled	5.81E-09	2.00E-10	7.20E-06	2.16E-08	4.32E-09	4.32E-16	2.16E-09	5.17E-11	3.81E-11	1.06E-10	3.49E-10	2.06E-09	3.30E-11	7.45E-10	3.78E-08	3.50E-09	4.51E-08
1453	NG_149	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.757	2.37E-07	4.38E-07	Not Modelled	6.40E-09	2.16E-10	7.71E-06	2.34E-08	4.68E-09	4.68E-16	2.34E-09	5.60E-11	4.12E-11	1.15E-10	3.78E-10	2.23E-09	3.57E-11	8.07E-10	4.10E-08	3.80E-09	4.88E-08
1454	NG_150	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.757	2.56E-07	4.75E-07	Not Modelled	7.16E-09	2.34E-10	8.21E-06	2.53E-08	5.06E-09	5.06E-16	2.53E-09	6.06E-11	4.46E-11	1.24E-10	4.09E-10	2.42E-09	3.87E-11	8.73E-10	4.43E-08	4.11E-09	5.29E-08
1455	NG_151	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.757	2.78E-07	5.18E-07	Not Modelled	8.17E-09	2.54E-10	8.76E-06	2.75E-08	5.50E-09	5.50E-16	2.75E-09	6.58E-11	4.84E-11	1.35E-10	4.44E-10	2.62E-09	4.20E-11	9.48E-10	4.81E-08	4.46E-09	5.74E-08
1456	NG_152	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.757	3.02E-07	5.67E-07	Not Modelled	9.52E-09	2.77E-10	9.40E-06	3.00E-08	5.99E-09	5.99E-16	3.00E-09	7.17E-11	5.28E-11	1.47E-10	4.84E-10	2.86E-09	4.58E-11	1.03E-09	5.25E-08	4.86E-09	6.25E-08
1457	NG_153	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.757	3.30E-07	6.22E-07	Not Modelled	1.13E-08	3.03E-10	1.01E-05	3.27E-08	6.55E-09	6.55E-16	3.27E-09	7.83E-11	5.77E-11	1.61E-10	5.29E-10	3.13E-09	5.00E-11	1.13E-09	5.73E-08	5.31E-09	6.83E-08
1458	NG_154	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.757	3.59E-07	6.78E-07	Not Modelled	1.35E-08	3.29E-10	1.09E-05	3.56E-08	7.12E-09	7.12E-16	3.56E-09	8.52E-11	6.27E-11	1.75E-10	5.75E-10	3.40E-09	5.43E-11	1.23E-09	6.23E-08	5.77E-09	7.43E-08
1459	NG_155	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.757	3.90E-07	7.41E-07	Not Modelled	1.62E-08	3.58E-10	1.18E-05	3.87E-08	7.74E-09	7.74E-16	3.87E-09	9.26E-11	6.82E-11	1.90E-10	6.25E-10	3.70E-09	5.91E-11	1.33E-09	6.78E-08	6.28E-09	8.08E-08
1460	NG_156	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.757	4.20E-07	8.01E-07	Not Modelled	1.92E-08	3.86E-10	1.27E-05	4.17E-08	8.34E-09	8.34E-16	4.17E-09	9.98E-11	7.35E-11	2.05E-10	6.73E-10	3.98E-09	6.37E-11	1.44E-09	7.30E-08	6.77E-09	8.70E-08
1461	NG_157	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.757	4.45E-07	8.51E-07	Not Modelled	2.22E-08	4.09E-10	1.34E-05	4.42E-08	8.84E-09	8.84E-16	4.42E-09	1.06E-10	7.80E-11	2.17E-10	7.14E-10	4.22E-09	6.75E-11	1.52E-09	7.74E-08	7.17E-09	9.23E-08
1462	NG_158	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.757	4.64E-07	8.90E-07	Not Modelled	2.51E-08	4.27E-10	1.41E-05	4.61E-08	9.22E-09	9.22E-16	4.61E-09	1.10E-10	8.13E-11	2.26E-10	7.45E-10	4.40E-09	7.04E-11	1.59E-09	8.08E-08	7.48E-09	9.63E-08
1463	NG_159	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.757	4.77E-07	9.17E-07	Not Modelled	2.79E-08	4.39E-10	1.46E-05	4.75E-08	9.49E-09	9.49E-16	4.75E-09	1.14E-10	8.36E-11	2.33E-10	7.66E-10	4.53E-09	7.25E-11	1.64E-09	8.31E-08	7.70E-09	9.90E-08
1464	NG_160	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.757	4.82E-07	9.27E-07	Not Modelled	3.03E-08	4.43E-10	1.48E-05	4.79E-08	9.58E-09	9.58E-16	4.79E-09	1.15E-10	8.44E-11	2.35E-10	7.74E-10	4.57E-09	7.32E-11	1.65E-09	8.39E-08	7.77E-09	1.00E-07
1465	NG_161	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.757	4.83E-07	9.31E-07	Not Modelled	3.24E-08	4.45E-10	1.49E-05	4.80E-08	9.61E-09	9.61E-16	4.81E-09	1.15E-10	8.47E-11	2.36E-10	7.76E-10	4.59E-09	7.34E-11	1.66E-09	8.41E-08	7.79E-09	1.00E-07
1466	NG_162	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.757	4.81E-07	9.27E-07	Not Modelled	3.44E-08	4.42E-10	1.49E-05	4.78E-08	9.56E-09	9.56E-16	4.78E-09	1.14E-10	8.43E-11	2.35E-10	7.72E-10	4.57E-09	7.30E-11	1.65E-09	8.37E-08	7.76E-09	9.98E-08
1467	NG_163	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.757	4.70E-07	9.06E-07	Not Modelled	3.57E-08	4.32E-10	1.47E-05	4.67E-08	9.34E-09	9.34E-16	4.67E-09	1.12E-10	8.23E-11	2.29E-10	7.54E-10	4.46E-09	7.13E-11	1.61E-09	8.18E-08	7.58E-09	9.75E-08
1468	NG_164	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.757	4.56E-07	8.79E-07	Not Modelled	3.66E-08	4.19E-10	1.43E-05	4.53E-08	9.06E-09	9.06E-16	4.53E-09	1.08E-10	7.99E-11	2.22E-10	7.32E-10	4.33E-09	6.92E-11	1.56E-09	7.94E-08	7.35E-09	9.46E-08
1473	NG_169	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.807	1.81E-07	3.23E-07	Not Modelled	5.97E-09	1.62E-10	6.65E-06	1.75E-08	3.50E-09	3.50E-16	1.75E-09	4.19E-11	3.09E-11	8.59E-11	2.83E-10	1.67E-09	2.67E-11	6.04E-10	3.07E-08	2.84E-09	3.66E-08
1474	NG_170	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.807	1.77E-07	3.16E-07	Not Modelled	5.84E-09	1.59E-10	6.55E-06	1.72E-08	3.44E-09	3.44E-16	1.72E-09	4.11E-11	3.03E-11	8.43E-11	2.78E-10	1.64E-09	2.63E-11	5.93E-10	3.01E-08	2.79E-09	3.59E-08
1475	NG_171	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.807	1.73E-07	3.09E-07	Not Modelled	5.67E-09	1.56E-10	6.42E-06	1.68E-08	3.37E-09	3.37E-16	1.68E-09	4.03E-11	2.97E-11	8.25E-11	2.72E-10	1.61E-09	2.57E-11	5.80E-10	2.95E-08	2.73E-09	3.51E-08
1476	NG_172	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.807	1.70E-07	3.03E-07	Not Modelled	5.52E-09	1.53E-10	6.33E-06	1.65E-08	3.30E-09	3.30E-16	1.65E-09	3.95E-11	2.91E-11	8.10E-11	2.67E-10	1.58E-09	2.52E-11	5.69E-10	2.89E-08	2.68E-09	3.45E-08
1477	NG_173	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.807	1.66E-07	2.94E-07	Not Modelled	5.32E-09	1.49E-10	6.15E-06	1.61E-08	3.22E-09	3.22E-16	1.61E-09	3.85E-11	2.84E-11	7.90E-11	2.60E-10	1.54E-09	2.46E-11	5.55E-10	2.82E-08	2.61E-09	3.36E-08
1478	NG_174	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.807	1.61E-07	2.87E-07	Not Modelled	5.12E-09	1.45E-10	5.98E-06	1.57E-08	3.14E-09	3.14E-16	1.57E-09	3.76E-11	2.77E-11	7.71E-11	2.54E-10	1.50E-09	2.40E-11	5.42E-10	2.75E-08	2.55E-09	3.28E-08
1482	NG_178	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.807	1.46E-07	2.60E-07	Not Modelled	4.39E-09	1.32E-10	5.31E-06	1.43E-08	2.86E-09	2.86E-16	1.43E-09	3.42E-11	2.52E-11	7.01E-11	2.31E-10	1.36E-09	2.18E-11	4.92E-10	2.50E-08	2.32E-09	2.98E-08
1483	NG_179	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.807	1.42E-07	2.53E-07	Not Modelled	4.21E-09	1.29E-10	5.11E-06	1.39E-08	2.78E-09	2.78E-16	1.39E-09	3.33E-11	2.45E-11	6.82E-11	2.24E-10	1.33E-09	2.12E-11	4.79E-10	2.43E-08	2.26E-09	2.90E-08
1484	NG_180	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.807	1.40E-07	2.49E-07	Not Modelled	4.10E-09	1.27E-10	5.00E-06	1.37E-08	2.74E-09	2.74E-16	1.37E-09	3.28E-11	2.42E-11	6.72E-11	2.21E-10	1.31E-09	2.09E-11	4.73E-10	2.40E-08	2.22E-09	2.86E-08
1485	NG_181	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.807	1.40E-07	2.49E-07	Not Modelled	4.02E-09	1.27E-10	4.94E-06	1.37E-08	2.73E-09	2.73E-16	1.37E-09	3.27E-11	2.41E-11	6.71E-11	2.21E-10	1.31E-09	2.09E-11	4.71E-10	2.39E-08	2.22E-09	2.85E-08
1486	NG_182	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.807	1.43E-07	2.54E-07	Not Modelled	4.03E-09	1.29E-10	4.99E-06	1.39E-08	2.79E-09	2.79E-16	1.39E-09	3.33E-11	2.46E-11	6.83E-11	2.25E-10	1.33E-09	2.13E-11	4.80E-10	2.44E-08	2.26E-09	2.91E-08
1487	NG_183	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.807	1.49E-07	2.66E-07	Not Modelled	4.15E-09	1.35E-10	5.14E-06	1.46E-08	2.91E-09	2.91E-16	1.46E-09	3.48E-11	2.57E-11	7.14E-11	2.35E-10	1.39E-09	2.22E-11	5.02E-10	2.55E-08	2.36E-09	3.04E-08
1488	NG_184	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.807	1.60E-07	2.87E-07	Not Modelled	4.42E-09	1.45E-10	5.48E-06	1.57E-08	3.13E-09	3.13E-16	1.57E-09	3.75E-11	2.76E-11	7.68E-11	2.53E-10	1.49E-09	2.39E-11	5.40E-10	2.74E-08	2.54E-09	3.27E-08
1489	NG_185	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.807	1.75E-07	3.18E-07	Not Modelled	4.81E-09	1.59E-10	5.98E-06	1.72E-08	3.44E-09	3.44E-16	1.72E-09	4.12E-11	3.03E-11	8.44E-11	2.78E-10	1.64E-09	2.63E-11	5.93E-10	3.01E-08	2.79E-09	3.59E-08
1490	NG_186	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.807	1.94E-07	3.53E-07	Not Modelled	5.29E-09	1.76E-10	6.59E-06	1.91E-08	3.81E-09	3.81E-16	1.91E-09	4.56E-11	3.36E-11	9.35E-11	3.08E-10	1.82E-09	2.91E-11	6.57E-10	3.34E-08	3.09E-09	3.98E-08
1491	NG_187	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.807	2.12E-07	3.89E-07	Not Modelled	5.75E-09	1.93E-10	7.16E-06	2.09E-08	4.18E-09	4.18E-16	2.09E-09	5.00E-11	3.69E-11	1.03E-10	3.38E-10	2.00E-09	3.19E-11	7.21E-10	3.66E-08	3.39E-09	4.36E-08
1492	NG_188	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.807	2.29E-07	4.22E-07	Not Modelled	6.19E-09	2.09E-10	7.63E-06	2.26E-08	4.52E-09	4.52E-16	2.26E-09	5.41E-11	3.99E-11	1.11E-10	3.65E-10	2.16E-09	3.45E-11	7.80E-10	3.96E-08	3.67E-09	4.72E-08
1493	NG_189	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.807	2.48E-07	4.59E-07	Not Modelled	6.76E-09	2.27E-10	8.17E-06	2.45E-08	4.91E-09	4.91E-16	2.45E-09	5.87E-11	4.32E-11	1.20E-10	3.96E-10	2.34E-09	3.75E-11	8.46E-10	4.30E-08	3.98E-09	5.12E-08
1494	NG_190	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.807	2.70E-07	5.01E-07	Not Modelled	7.54E-09	2.47E-10	8.79E-06	2.67E-08	5.34E-09	5.34E-16	2.67E-09	6.39E-11	4.71E-11	1.31E-10	4.31E-10	2.55E-09	4.08E-11	9.21E-10	4.68E-08	4.33E-09	5.57E-08
1495	NG_191	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.807	2.95E-07	5.52E-07	Not Modelled	8.63E-09	2.71E-10	9.52E-06	2.93E-08	5.86E-09	5.86E-16	2.93E-09	7.01E-11	5.16E-11	1.44E-10	4.73E-10	2.80E-09	4.47E-11	1.01E-09	5.13E-08	4.75E-09	6.12E-08
1496	NG_192	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.807	3.22E-07	6.05E-07	Not Modelled	1.00E-08	2.96E-10	1.02E-05	3.20E-08	6.40E-09	6.40E-16	3.20E-09	7.66E-11	5.64E-11	1.57E-10	5.17E-10	3.06E-09	4.89E-11	1.10E-09	5.61E-08	5.20E-09	6.68E-08
1497	NG_193	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.807	3.53E-07	6.66E-07	Not Modelled	1.19E-08	3.25E-10	1.10E-05	3.51E-08	7.02E-09	7.02E-16	3.51E-09	8.40E-11	6.18E-11	1.72E-10	5.67E-10	3.35E-09	5.36E-11	1.21E-09	6.14E-08	5.69E-09	7.32E-08
1498	NG_194	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.807	3.85E-07	7.30E-07	Not Modelled	1.43E-08	3.55E-10	1.19E-05	3.84E-08	7.67E-09	7.67E-16	3.84E-09	9.18E-11	6.76E-11	1.88E-10	6.19E-10	3.66E-09	5.86E-11	1.32E-09	6.71E-08	6.22E-09	8.00E-08
1499	NG_195	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.807	4.20E-07	7.99E-07	Not Modelled	1.73E-08	3.86E-10	1.28E-05	4.18E-08	8.35E-09	8.35E-16	4.18E-09	9.99E-11	7.36E-11	2.05E-10	6.74E-10	3.99E-09	6.38E-11	1.44E-09	7.31E-08	6.78E-09	8.72E-08
1500	NG_196	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.807	4.54E-07	8.68E-07	Not Modelled	2.09E-08	4.19E-10	1.39E-05	4.52E-08	9.05E-09	9.05E-16	4.53E-09	1.08E-10	7.97E-11	2.22E-10	7.31E-10	4.32E-09	6.91E-11	1.56E-09	7.92E-08	7.34E-09	9.44E-08
1501	NG_197	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.807	4.86E-07	9.31E-07	Not Modelled	2.47E-08	4.47E-10	1.49E-05	4.83E-08	9.67E-09	9.67E-16	4.84E-09	1.16E-10	8.52E-11	2.37E-10	7.81E-10	4.62E-09	7.38E-11	1.67E-09	8.46E-08	7.84E-09	1.01E-07
1502	NG_198	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.807	5.10E-07	9.80E-07	Not Modelled	2.85E-08	4.70E-10	1.58E-05	5.08E-08	1.02E-08	1.02E-15	5.08E-09	1.21E-10	8.95E-11	2.49E-10	8.20E-10	4.85E-09	7.75E-11	1.75E-09	8.89E-08	8.23E-09	1.06E-07
1503	NG_199	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.807	5.27E-07	1.02E-06	Not Modelled	3.19E-08	4.86E-10	1.64E-05	5.25E-08	1.05E-08	1.05E-15	5.25E-09	1.26E-10	9.25E-11	2.57E-10	8.47E-10	5.01E-09	8.01E-11	1.81E-09	9.19E-08	8.51E-09	1.10E-07
1504	NG_200	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.807	5.37E-07	1.04E-06	Not Modelled	3.50E-08	4.95E-10	1.69E-05	5.35E-08	1.07E-08	1.07E-15	5.35E-09	1.28E-10	9.42E-11	2.62E-10	8.63E-10	5.10E-09	8.16E-11	1.84E-09	9.36E-08	8.67E-09	1.12E-07
1505	NG_201	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.807	5.40E-07	1.04E-06	Not Modelled	3.75E-08	4.98E-10	1.71E-05	5.38E-08	1.08E-08	1.08E-15	5.38E-09	1.29E-10	9.48E-11	2.64E-10	8.68E-10	5.14E-09	8.21E-11	1.85E-09	9.42E-08	8.72E-09	1.12E-07
1506	NG_202	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.807	5.35E-07	1.03E-06	Not Modelled	3.95E-08	4.93E-10	1.71E-05	5.33E-08	1.07E-08	1.07E-15	5.33E-09	1.28E-10	9.39E-11	2.61E-10	8.60E-10	5.09E-09	8.14E-11	1.84E-09	9.33E-08	8.64E-09	1.11E-07
1507	NG_203	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.807	5.23E-07	1.01E-06	Not Modelled	4.10E-08	4.82E-10	1.68E-05	5.21E-08	1.04E-08	1.04E-15	5.21E-09	1.25E-10	9.19E-11	2.56E-10	8.42E-10	4.98E-09	7.96E-11	1.80E-09	9.13E-08	8.46E-09	1.09E-07
1508	NG_204	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.807	5.06E-07	9.79E-07	Not Modelled	4.20E-08	4.66E-10	1.63E-05	5.04E-08	1.01E-08	1.01E-15	5.04E-09	1.21E-10	8.88E-11	2.47E-10	8.14E-10	4.81E-09	7.70E-11	1.74E-09	8.82E-08	8.18E-09	1.05E-07
1509	NG_205	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.807	4.88E-07	9.45E-07	Not Modelled	4.25E-08	4.50E-10	1.58E-05	4.86E-08	9.72E-09	9.72E-16	4.86E-09	1.16E-10	8.57E-11	2.38E-10	7.85E-10	4.64E-09	7.43E-11	1.68E-09	8.51E-08	7.89E-09	1.01E-07
1513	NG_209	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6366.857	2.02E-07	3.66E-07	Not Modelled	6.93E-09	1.83E-10	7.36E-06	1.97E-08	3.95E-09	3.95E-16	1.98E-09	4.72E-11	3.48E-11	9.68E-11	3.19E-10	1.88E-09	3.01E-11	6.80E-10	3.46E-08	3.20E-09	4.12E-08

AQIA DATA - SCENARIO 2 COMMERCIAL

Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1514	NG_210	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.857	2.01E-07	3.64E-07	Not Modelled	6.91E-09	1.82E-10	7.41E-06	1.96E-08	3.93E-09	3.93E-16	1.97E-09	4.70E-11	3.46E-11	9.64E-11	3.17E-10	1.88E-09	3.00E-11	6.77E-10	3.44E-08	3.19E-09	4.10E-08
1515	NG_211	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.857	1.97E-07	3.58E-07	Not Modelled	6.79E-09	1.79E-10	7.35E-06	1.93E-08	3.87E-09	3.87E-16	1.93E-09	4.62E-11	3.41E-11	9.48E-11	3.12E-10	1.85E-09	2.95E-11	6.66E-10	3.38E-08	3.14E-09	4.04E-08
1516	NG_212	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.857	1.94E-07	3.52E-07	Not Modelled	6.66E-09	1.76E-10	7.31E-06	1.91E-08	3.81E-09	3.81E-16	1.91E-09	4.56E-11	3.36E-11	9.34E-11	3.08E-10	1.82E-09	2.91E-11	6.57E-10	3.34E-08	3.09E-09	3.98E-08
1517	NG_213	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.857	1.92E-07	3.47E-07	Not Modelled	6.54E-09	1.74E-10	7.31E-06	1.88E-08	3.77E-09	3.77E-16	1.88E-09	4.50E-11	3.32E-11	9.23E-11	3.04E-10	1.80E-09	2.87E-11	6.49E-10	3.30E-08	3.06E-09	3.93E-08
1518	NG_214	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.857	1.88E-07	3.40E-07	Not Modelled	6.33E-09	1.71E-10	7.19E-06	1.85E-08	3.69E-09	3.69E-16	1.85E-09	4.41E-11	3.25E-11	9.05E-11	2.98E-10	1.76E-09	2.82E-11	6.36E-10	3.23E-08	2.99E-09	3.85E-08
1519	NG_215	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.857	1.82E-07	3.29E-07	Not Modelled	6.06E-09	1.66E-10	6.95E-06	1.79E-08	3.59E-09	3.59E-16	1.79E-09	4.29E-11	3.16E-11	8.79E-11	2.90E-10	1.71E-09	2.74E-11	6.18E-10	3.14E-08	2.91E-09	3.74E-08
1522	NG_218	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6366.857	1.69E-07	3.04E-07	Not Modelled	5.37E-09	1.54E-10	6.34E-06	1.66E-08	3.32E-09	3.32E-16	1.66E-09	3.97E-11	2.93E-11	8.14E-11	2.68E-10	1.58E-09	2.53E-11	5.72E-10	2.91E-08	2.69E-09	3.46E-08
1523	NG_219	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.857	1.64E-07	2.95E-07	Not Modelled	5.15E-09	1.49E-10	6.11E-06	1.62E-08	3.23E-09	3.23E-16	1.62E-09	3.86E-11	2.85E-11	7.92E-11	2.61E-10	1.54E-09	2.47E-11	5.57E-10	2.83E-08	2.62E-09	3.37E-08
1524	NG_220	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.857	1.60E-07	2.87E-07	Not Modelled	4.95E-09	1.46E-10	5.88E-06	1.57E-08	3.14E-09	3.14E-16	1.57E-09	3.76E-11	2.77E-11	7.71E-11	2.54E-10	1.50E-09	2.40E-11	5.42E-10	2.75E-08	2.55E-09	3.28E-08
1525	NG_221	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.857	1.57E-07	2.83E-07	Not Modelled	4.79E-09	1.43E-10	5.73E-06	1.55E-08	3.09E-09	3.09E-16	1.55E-09	3.70E-11	2.73E-11	7.58E-11	2.50E-10	1.48E-09	2.36E-11	5.33E-10	2.71E-08	2.51E-09	3.23E-08
1526	NG_222	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.857	1.57E-07	2.83E-07	Not Modelled	4.71E-09	1.43E-10	5.69E-06	1.55E-08	3.10E-09	3.10E-16	1.55E-09	3.70E-11	2.73E-11	7.59E-11	2.50E-10	1.48E-09	2.36E-11	5.34E-10	2.71E-08	2.51E-09	3.23E-08
1527	NG_223	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.857	1.60E-07	2.88E-07	Not Modelled	4.70E-09	1.46E-10	5.71E-06	1.57E-08	3.15E-09	3.15E-16	1.57E-09	3.76E-11	2.77E-11	7.71E-11	2.54E-10	1.50E-09	2.40E-11	5.42E-10	2.75E-08	2.55E-09	3.28E-08
1528	NG_224	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.857	1.67E-07	3.01E-07	Not Modelled	4.82E-09	1.52E-10	5.87E-06	1.64E-08	3.28E-09	3.28E-16	1.64E-09	3.93E-11	2.89E-11	8.05E-11	2.65E-10	1.57E-09	2.51E-11	5.66E-10	2.87E-08	2.66E-09	3.43E-08
1529	NG_225	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.857	1.80E-07	3.27E-07	Not Modelled	5.14E-09	1.64E-10	6.29E-06	1.77E-08	3.55E-09	3.55E-16	1.78E-09	4.25E-11	3.13E-11	8.71E-11	2.87E-10	1.69E-09	2.71E-11	6.12E-10	3.11E-08	2.88E-09	3.70E-08
1530	NG_226	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.857	1.99E-07	3.65E-07	Not Modelled	5.63E-09	1.82E-10	6.93E-06	1.97E-08	3.94E-09	3.94E-16	1.97E-09	4.71E-11	3.47E-11	9.65E-11	3.18E-10	1.88E-09	3.01E-11	6.79E-10	3.45E-08	3.19E-09	4.11E-08
1531	NG_227	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.857	2.22E-07	4.09E-07	Not Modelled	6.23E-09	2.03E-10	7.71E-06	2.20E-08	4.39E-09	4.39E-16	2.20E-09	5.26E-11	3.87E-11	1.08E-10	3.55E-10	2.10E-09	3.36E-11	7.58E-10	3.85E-08	3.56E-09	4.59E-08
1532	NG_228	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.857	2.43E-07	4.49E-07	Not Modelled	6.77E-09	2.23E-10	8.33E-06	2.41E-08	4.82E-09	4.82E-16	2.41E-09	5.76E-11	4.25E-11	1.18E-10	3.89E-10	2.30E-09	3.68E-11	8.30E-10	4.22E-08	3.91E-09	5.03E-08
1533	NG_229	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.857	2.61E-07	4.84E-07	Not Modelled	7.26E-09	2.40E-10	8.77E-06	2.59E-08	5.18E-09	5.18E-16	2.59E-09	6.20E-11	4.57E-11	1.27E-10	4.19E-10	2.48E-09	3.96E-11	8.94E-10	4.54E-08	4.20E-09	5.41E-08
1534	NG_230	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.857	2.83E-07	5.25E-07	Not Modelled	7.95E-09	2.60E-10	9.34E-06	2.81E-08	5.61E-09	5.61E-16	2.81E-09	6.72E-11	4.95E-11	1.38E-10	4.53E-10	2.68E-09	4.29E-11	9.68E-10	4.91E-08	4.55E-09	5.86E-08
1535	NG_231	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.857	3.10E-07	5.79E-07	Not Modelled	9.02E-09	2.85E-10	1.01E-05	3.08E-08	6.17E-09	6.17E-16	3.08E-09	7.38E-11	5.44E-11	1.51E-10	4.98E-10	2.94E-09	4.71E-11	1.06E-09	5.40E-08	5.00E-09	6.44E-08
1536	NG_232	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.857	3.41E-07	6.41E-07	Not Modelled	1.05E-08	3.14E-10	1.10E-05	3.40E-08	6.80E-09	6.80E-16	3.40E-09	8.13E-11	5.99E-11	1.67E-10	5.49E-10	3.24E-09	5.19E-11	1.17E-09	5.95E-08	5.51E-09	7.09E-08
1537	NG_233	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.857	3.76E-07	7.08E-07	Not Modelled	1.24E-08	3.46E-10	1.19E-05	3.74E-08	7.48E-09	7.48E-16	3.74E-09	8.95E-11	6.59E-11	1.83E-10	6.04E-10	3.57E-09	5.71E-11	1.29E-09	6.55E-08	6.07E-09	7.81E-08
1538	NG_234	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.857	4.13E-07	7.83E-07	Not Modelled	1.50E-08	3.81E-10	1.29E-05	4.12E-08	8.23E-09	8.23E-16	4.12E-09	9.85E-11	7.26E-11	2.02E-10	6.65E-10	3.93E-09	6.29E-11	1.42E-09	7.21E-08	6.68E-09	8.59E-08
1539	NG_235	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.857	4.52E-07	8.60E-07	Not Modelled	1.83E-08	4.17E-10	1.39E-05	4.50E-08	9.00E-09	9.00E-16	4.50E-09	1.08E-10	7.94E-11	2.21E-10	7.27E-10	4.30E-09	6.88E-11	1.55E-09	7.88E-08	7.30E-09	9.40E-08
1540	NG_236	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.857	4.91E-07	9.38E-07	Not Modelled	2.24E-08	4.53E-10	1.51E-05	4.89E-08	9.79E-09	9.79E-16	4.89E-09	1.17E-10	8.63E-11	2.40E-10	7.90E-10	4.67E-09	7.47E-11	1.69E-09	8.57E-08	7.94E-09	1.02E-07
1541	NG_237	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.857	5.31E-07	1.02E-06	Not Modelled	2.71E-08	4.90E-10	1.65E-05	5.30E-08	1.06E-08	1.06E-15	5.30E-09	1.27E-10	9.33E-11	2.60E-10	8.55E-10	5.06E-09	8.09E-11	1.83E-09	9.27E-08	8.59E-09	1.11E-07
1542	NG_238	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.857	5.60E-07	1.08E-06	Not Modelled	3.19E-08	5.16E-10	1.76E-05	5.58E-08	1.12E-08	1.12E-15	5.58E-09	1.34E-10	9.84E-11	2.74E-10	9.01E-10	5.33E-09	8.52E-11	1.92E-09	9.77E-08	9.05E-09	1.17E-07
1543	NG_239	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.857	5.78E-07	1.12E-06	Not Modelled	3.62E-08	5.34E-10	1.84E-05	5.77E-08	1.15E-08	1.15E-15	5.77E-09	1.38E-10	1.02E-10	2.83E-10	9.32E-10	5.51E-09	8.81E-11	1.99E-09	1.01E-07	9.36E-09	1.20E-07
1544	NG_240	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6366.857	5.93E-07	1.15E-06	Not Modelled	4.02E-08	5.47E-10	1.90E-05	5.91E-08	1.18E-08	1.18E-15	5.92E-09	1.42E-10	1.04E-10	2.90E-10	9.55E-10	5.65E-09	9.03E-11	2.04E-09	1.04E-07	9.59E-09	1.23E-07
1545	NG_241	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6366.857	6.04E-07	1.17E-06	Not Modelled	4.35E-08	5.57E-10	1.97E-05	6.02E-08	1.20E-08	1.20E-15	6.02E-09	1.44E-10	1.06E-10	2.95E-10	9.73E-10	5.75E-09	9.20E-11	2.08E-09	1.05E-07	9.77E-09	1.26E-07
1546	NG_242	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6366.857	6.00E-07	1.16E-06	Not Modelled	4.59E-08	5.54E-10	1.97E-05	5.99E-08	1.20E-08	1.20E-15	5.99E-09	1.43E-10	1.06E-10	2.94E-10	9.67E-10	5.72E-09	9.14E-11	2.06E-09	1.05E-07	9.71E-09	1.25E-07
1547	NG_243	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6366.857	5.89E-07	1.14E-06	Not Modelled	4.75E-08	5.44E-10	1.95E-05	5.88E-08	1.18E-08	1.18E-15	5.88E-09	1.41E-10	1.04E-10	2.88E-10	9.49E-10	5.61E-09	8.98E-11	2.03E-09	1.03E-07	9.54E-09	1.23E-07
1548	NG_244	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.857	5.69E-07	1.11E-06	Not Modelled	4.85E-08	5.25E-10	1.89E-05	5.68E-08	1.14E-08	1.14E-15	5.68E-09	1.36E-10	1.00E-10	2.79E-10	9.17E-10	5.42E-09	8.67E-11	1.96E-09	9.94E-08	9.21E-09	1.19E-07
1549	NG_245	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.857	5.38E-07	1.05E-06	Not Modelled	4.86E-08	4.97E-10	1.79E-05	5.37E-08	1.07E-08	1.07E-15	5.37E-09	1.29E-10	9.47E-11	2.63E-10	8.67E-10	5.13E-09	8.20E-11	1.85E-09	9.40E-08	8.71E-09	1.12E-07
1550	NG_246	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.857	5.15E-07	9.99E-07	Not Modelled	4.84E-08	4.75E-10	1.72E-05	5.14E-08	1.03E-08	1.03E-15	5.14E-09	1.23E-10	9.05E-11	2.52E-10	8.29E-10	4.90E-09	7.84E-11	1.77E-09	8.99E-08	8.33E-09	1.07E-07
1553	NG_249	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6366.907	2.18E-07	4.00E-07	Not Modelled	7.75E-09	1.99E-10	7.79E-06	2.14E-08	4.29E-09	4.29E-16	2.15E-09	5.13E-11	3.78E-11	1.05E-10	3.46E-10	2.05E-09	3.27E-11	7.39E-10	3.76E-08	3.48E-09	4.48E-08
1554	NG_250	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6366.907	2.22E-07	4.07E-07	Not Modelled	7.94E-09	2.02E-10	8.06E-06	2.18E-08	4.36E-09	4.36E-16	2.18E-09	5.22E-11	3.84E-11	1.07E-10	3.52E-10	2.08E-09	3.33E-11	7.52E-10	3.82E-08	3.54E-09	4.55E-08
1555	NG_251	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.907	2.23E-07	4.09E-07	Not Modelled	8.03E-09	2.03E-10	8.24E-06	2.19E-08	4.39E-09	4.39E-16	2.19E-09	5.25E-11	3.87E-11	1.08E-10	3.54E-10	2.09E-09	3.35E-11	7.56E-10	3.84E-08	3.56E-09	4.58E-08
1556	NG_252	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.907	2.21E-07	4.05E-07	Not Modelled	7.98E-09	2.01E-10	8.26E-06	2.17E-08	4.35E-09	4.35E-16	2.18E-09	5.20E-11	3.83E-11	1.07E-10	3.51E-10	2.08E-09	3.32E-11	7.50E-10	3.81E-08	3.53E-09	4.54E-08
1557	NG_253	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.907	2.20E-07	4.03E-07	Not Modelled	7.94E-09	2.01E-10	8.37E-06	2.17E-08	4.34E-09	4.34E-16	2.17E-09	5.19E-11	3.82E-11	1.06E-10	3.50E-10	2.07E-09	3.31E-11	7.47E-10	3.80E-08	3.52E-09	4.53E-08
1558	NG_254	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.907	2.19E-07	4.01E-07	Not Modelled	7.85E-09	2.00E-10	8.49E-06	2.16E-08	4.32E-09	4.32E-16	2.16E-09	5.16E-11	3.81E-11	1.06E-10	3.49E-10	2.06E-09	3.30E-11	7.44E-10	3.78E-08	3.50E-09	4.51E-08
1559	NG_255	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.907	2.15E-07	3.93E-07	Not Modelled	7.63E-09	1.96E-10	8.41E-06	2.12E-08	4.24E-09	4.24E-16	2.12E-09	5.08E-11	3.74E-11	1.04E-10	3.43E-10	2.03E-09	3.24E-11	7.31E-10	3.71E-08	3.44E-09	4.43E-08
1560	NG_256	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.907	2.08E-07	3.79E-07	Not Modelled	7.26E-09	1.90E-10	8.09E-06	2.05E-08	4.10E-09	4.10E-16	2.05E-09	4.91E-11	3.62E-11	1.01E-10	3.31E-10	1.96E-09	3.13E-11	7.07E-10	3.59E-08	3.33E-09	4.28E-08
1562	NG_258	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6366.907	1.96E-07	3.57E-07	Not Modelled	6.68E-09	1.80E-10	7.64E-06	1.94E-08	3.88E-09	3.88E-16	1.94E-09	4.65E-11	3.42E-11	9.52E-11	3.14E-10	1.85E-09	2.96E-11	6.69E-10	3.40E-08	3.15E-09	4.05E-08
1563	NG_259	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6366.907	1.91E-07	3.47E-07	Not Modelled	6.41E-09	1.75E-10	7.39E-06	1.89E-08	3.78E-09	3.78E-16	1.89E-09	4.52E-11	3.33E-11	9.27E-11	3.05E-10	1.81E-09	2.89E-11	6.52E-10	3.31E-08	3.07E-09	3.95E-08
1564	NG_260	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.907	1.85E-07	3.36E-07	Not Modelled	6.13E-09	1.70E-10	7.06E-06	1.83E-08	3.66E-09	3.66E-16	1.83E-09	4.38E-11	3.23E-11	8.99E-11	2.96E-10	1.75E-09	2.80E-11	6.32E-10	3.21E-08	2.97E-09	3.82E-08
1565	NG_261	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.907	1.81E-07	3.28E-07	Not Modelled	5.90E-09	1.65E-10	6.81E-06	1.79E-08	3.57E-09	3.57E-16	1.79E-09	4.27E-11	3.15E-11	8.76E-11	2.89E-10	1.71E-09	2.73E-11	6.16E-10	3.13E-08	2.90E-09	3.73E-08
1566	NG_262	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.907	1.78E-07	3.23E-07	Not Modelled	5.72E-09	1.63E-10	6.67E-06	1.76E-08	3.52E-09	3.52E-16	1.76E-09	4.22E-11	3.11E-11	8.64E-11	2.85E-10	1.68E-09	2.69E-11	6.07E-10	3.09E-08	2.86E-09	3.68E-08
1567	NG_263	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.907	1.77E-07	3.22E-07	Not Modelled	5.57E-09	1.62E-10	6.56E-06	1.75E-08	3.51E-09	3.51E-16	1.75E-09	4.19E-11	3.09E-11	8.60E-11	2.83E-10	1.67E-09	2.68E-11	6.04E-10	3.07E-08	2.84E-09	3.66E-08
1568	NG_264	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.907	1.79E-07	3.26E-07	Not Modelled	5.51E-09	1.64E-10	6.53E-06	1.77E-08	3.54E-09	3.54E-16	1.77E-09	4.24E-11	3.12E-11	8.69E-11	2.86E-10	1.69E-09	2.71E-11	6.11E-10	3.10E-08	2.88E-09	3.70E-08
1569	NG_265	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.907	1.87E-07	3.40E-07	Not Modelled	5.61E-09	1.71E-10	6.68E-06	1.85E-08	3.69E-09	3.69E-16	1.85E-09	4.42E-11	3.25E-11	9.06E-11	2.98E-10	1.76E-09	2.82E-11	6.37E-10	3.23E-08	3.00E-09	3.85E-08
1570	NG_266	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.907	2.02E-07	3.70E-07	Not Modelled	5.97E-09	1.86E-10	7.18E-06	2.01E-08	4.01E-09	4.01E-16	2.01E-09	4.80E-11	3.53E-11	9.83E-11	3.24E-10	1.91E-09	3.06E-11	6.91E-10	3.51E-08	3.25E-09	4.19E-08
1571	NG_267	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.907	2.26E-07	4.16E-07	Not Modelled	6.58E-09	2.07E-10	8.00E-06	2.24E-08	4.48E-09	4.48E-16	2.24E-09	5.36E-11	3.95E-11	1.10E-10	3.62E-10	2.14E-09	3.42E-11	7.73E-10	3.93E-08	3.64E-09	4.68E-08
1572	NG_268	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.907	2.54E-07	4.71E-07	Not Modelled	7.33E-09	2.34E-10	8.99E-06	2.53E-08	5.05E-09	5.05E-16	2.53E-09	6.05E-11	4.45E-11	1.24E-10	4.08E-10	2.41E-09	3.86E-11	8.71E-10	4.42E-08	4.10E-09	5.27E-08
1573	NG_269	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.907	2.80E-07	5.20E-07	Not Modelled	7.99E-09	2.57E-10	9.71E-06	2.78E-08	5.56E-09	5.56E-16	2.78E-09	6.65E-11	4.90E-11	1.36E-10	4.49E-10	2.65E-09	4.24E-11	9.58E-10	4.87E-08	4.51E-09	5.80E-08
1574	NG_270	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.907	3.02E-07	5.63E-07	Not Modelled	8.65E-09	2.78E-10	1.03E-05	3.01E-08	6.01E-09	6.01E-16	3.01E-09	7.20E-11	5.30E-11	1.48E-10	4.86E-10	2.87E-09	4.59E-11	1.04E-09	5.27E-08	4.88E-09	6.28E-08
1575	NG_271	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.907	3.29E-07	6.14E-07	Not Modelled	9.58E-09	3.03E-10	1.09E-05	3.27E-08	6.55E-09	6.55E-16	3.27E-09	7.83E-11	5.77E-11	1.61E-10	5.29E-10	3.13E-09	5.00E-11	1.13E-09	5.73E-08	5.31E-09	6.83E-08
1576	NG_272	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.907	3.66E-07	6.86E-07	Not Modelled	1.11E-08	3.37E-10	1.20E-05	3.64E-08	7.29E-09	7.29E-16	3.64E-09	8.72E-11	6.42E-11	1.79E-10	5.88E-10	3.48E-09	5.56E-11	1.26E-09	6.38E-08	5.91E-09	7.60E-08
1577	NG_273	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.907	4.05E-07	7.64E-07	Not Modelled	1.31E-08	3.74E-10	1.31E-05	4.04E-08	8.08E-09	8.08E-16	4.04E-09	9.67E-11	7.12E-11	1.98E-10	6.53E-10	3.86E-09	6.17E-11	1.39E-09	7.07E-08	6.56E-09	8.43E-08
1578	NG_274	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.907	4.47E-07	8.45E-07	Not Modelled	1.59E-08	4.12E-10	1.41E-05	4.45E-08	8.91E-09	8.91E-16	4.45E-09	1.07E-10	7.85E-11	2.18E-10	7.19E-10	4.25E-09	6.80E-11	1.54E-09	7.80E-08	7.22E-09	9.30E-08
1579	NG_275	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6366.907	4.91E-07	9.33E-07	Not Modelled	1.94E-08	4.53E-10	1.53E-05	4.89E-08	9.79E-09	9.79E-16	4.90E-09	1.17E-10	8.63E-11	2.40E-10	7.90E-10	4.67E-09	7.47E-11	1.69E-09	8.57E-08	7.94E-09	1.02E-07
1580	NG_276	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6366.907	5.35E-07	1.02E-06	Not Modelled	2.38E-08	4.94E-10	1.66E-05	5.34E-08	1.07E-08	1.07E-15	5.34E-09	1.28E-10	9.41E-11	2.62E-10	8.62E-10	5.10E-09	8.15E-11	1.84E-09	9.35E-08	8.66E-09	1.11E-07
1581	NG_277	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6366.907	5.81E-07	1.12E-06	Not Modelled	2.93E-08	5.37E-10	1.81E-05	5.80E-08	1.16E-08	1.16E-15	5.80E-09	1.39E-10	1.02E-10	2.85E-10	9.37E-10	5.54E-09	8.86E-11	2.00E-09	1.02E-07	9.41E-09	1.21E-07
1582	NG_278	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6366.907	6.21E-07	1.20E-06	Not Modelled	3.53E-08	5.74E-10	1.97E-05	6.20E-08	1.24E-08	1.24E-15	6.20E-09	1.48E-10	1.09E-10	3.04E-10	1.00E-09	5.92E-09	9.47E-11	2.14E-09	1.09E-07	1.01E-08	1.29E-07
1583	NG_279	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6366.907	6.46E-07	1.25E-06	Not Modelled	4.10E-08	5.96E-10	2.08E-05	6.44E-08	1.29E-08	1.29E-15	6.45E-09	1.54E-10	1.14E-10	3.16E-10	1.04E-09	6.15E-09	9.84E-11	2.22E-09	1.13E-07	1.05E-08	1.34E-07
1584	NG_280	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6366.907	6.51E-07	1.26E-06	Not Modelled	4.57E-08	6.02E-10	2.12E-05	6.50E-08	1.30E-08	1.30E-15	6.50E-09	1.56E-10	1.15E-10	3.19E-10	1.05E-09	6.21E-09	9.93E-11	2.24E-09	1.14E-07	1.05E-08	1.36E-07
1589	NG_285	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6366.907	6.07E-07	1.18E-06	Not Modelled	5.61E-08	5.61E-10	2.09E-05	6.06E-08	1.21E-08	1.21E-15	6.06E-09	1.45E-10	1.07E-10	2.97E-10	9.79E-10	5.79E-09	9.26E-11	2.09E-09	1.06E-07	9.83E-09	1.27E-07
1590	NG_286	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6366.907	5.72E-07	1.11E-06	Not Modelled	5.53E-08	5.28E-10	1.96E-05	5.71E-08	1.14E-08	1.14E-15	5.71E-09	1.37E-10	1.01E-10	2.80E-10	9.21E-10	5.45E-09	8.71E-11	1.97E-09	9.99E-08	9.26E-09	1.19E-07
1591	NG_287	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.907	5.37E-07	1.04E-06	Not Modelled	5.41E-08	4.96E-10	1.84E-05	5.36E-08	1.07E-08	1.07E-15	5.36E-09	1.28E-10	9.45E-11	2.63E-10	8.66E-10	5.12E-09	8.19E-11	1.85E-09	9.39E-08	8.70E-09	1.12E-07
1594	NG_290	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6366.957	2.35E-07	4.34E-07	Not Modelled	8.76E-09	2.15E-10	8.38E-06	2.32E-08	4.64E-09	4.64E-16	2.32E-09	5.55E-11	4.09E-11	1.14E-10	3.75E-10	2.22E-09	3.54E-11	8.00E-10	4.06E-08	3.77E-09	4.84E-08
1595	NG_291	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6366.957	2.41E-07	4.46E-07	Not Modelled	9.09E-09	2.21E-10	8.77E-06	2.39E-08	4.77E-09	4.77E-16	2.39E-09	5.71E-11	4.21E-11	1.17E-10	3.85E-10	2.28E-09	3.64E-11	8.22E-10	4.18E-08	3.87E-09	4.98E-08
1596	NG_292	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6366.957	2.46E-07	4.55E-07	Not Modelled	9.33E-09	2.25E-10	9.10E-06	2.43E-08	4.86E-09	4.86E-16	2.43E-09	5.81E-11	4.28E-11	1.19E-10	3.92E-10	2.32E-09	3.71E-11	8.37E-10	4.25E-08	3.94E-09	5.07E-08
1597	NG_293	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6366.957	2.48E-07	4.60E-07	Not Modelled	9.49E-09	2.28E-10	9.39E-06	2.46E-08	4.92E-09	4.92E-16	2.46E-09	5.88E-11	4.33E-11	1.21E-10	3.97E-10	2.35E-09	3.75E-11	8.47E-10	4.30E-08	3.99E-09	5.13E-08
1598	NG_294	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6366.957	2.50E-07	4.62E-07	Not Modelled	9.55E-09	2.29E-10	9.63E-06	2.47E-08	4.95E-09	4.95E-16	2.48E-09	5.92E-11	4.36E-11	1.21E-10	4.00E-10	2.36E-09	3.78E-11	8.53E-10	4.33E-08	4.01E-09	5.16E-08
1599	NG_295	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6366.957	2.50E-07	4.62E-07	Not Modelled	9.50E-09	2.29E-10	9.83E-06	2.48E-08	4.95E-09	4.95E-16	2.48E-09	5.92E-11	4.36E-11	1.21E-10	4.00E-10	2.36E-09	3.78E-11	8.53E-10	4.33E-08	4.02E-09	5.17E-08
1600	NG_296	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6366.957	2.46E-07	4.54E-07	Not Modelled	9.26E-09	2.26E-10	9.80E-06	2.44E-08	4.87E-09	4.87E-16	2.44E-09	5.83E-11	4.30E-11	1.20E-10	3.94E-10	2.33E-09	3.72E-11	8.40E-10	4.27E-08	3.95E-09	5.09E-08
1601	NG_297	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6366.957	2.39E-07	4.40E-07	Not Modelled	8.88E-09	2.19E-10	9.55E-06	2.37E-08	4.74E-09	4.74E-16	2.37E-09	5.66E-11	4.17E-11	1.16E-10	3.82E-10	2.26E-09	3.61E-11	8.16E-10	4.15E-08	3.84E-09	4.94E-08
1602	NG_298	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6366.957	2.32E-07	4.26E-07	Not Modelled	8.49E-09	2.13E-10	9.29E-06	2.30E-08	4.60E-09	4.60E-16	2.30E-09	5.50E-11	4.05E-11	1.13E-10	3.71E-10	2.20E-09	3.51E-11	7.92E-10	4.03E-08	3.73E-09	4.80E-08
1603	NG_299	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6366.957	2.25E-07	4.13E-07	Not Modelled	8.13E-09	2.07E-10	9.01E-06	2.23E-08	4.47E-09	4.47E-16	2.24E-09	5.34E-11	3.94E-11	1.10E-10	3.61E-10	2.13E-09	3.41E-11	7.70E-10	3.91E-08	3.62E-09	4.66E-08
1604	NG_300	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6366.957	2.19E-07	4.00E-07	Not Modelled	7.80E-09	2.01E-10	8.70E-06	2.17E-08	4.34E-09	4.34E-16	2.17E-09	5.19E-11	3.82E-11	1.06E-10	3.50E-10	2.07E-09	3.31E-11	7.48E-10	3.80E-08	3.52E-09	4.53E-08
1605	NG_301	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6366.957	2.12E-07	3.88E-07	Not Modelled	7.47E-09	1.95E-10	8.33E-06	2.10E-08	4.21E-09	4.21E-16	2.11E-09	5.03E-11	3.71E-11	1.03E-10	3.40E-10	2.01E-09	3.21E-11	7.25E-10	3.68E-08	3.41E-09	4.39E-08
1606	NG_302	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6366.957	2.06E-07	3.76E-07	Not Modelled	7.16E-09	1.89E-10	7.99E-06	2.05E-08	4.09E-09	4.09E-16	2.05E-09	4.89E-11	3.61E-11	1.00E-10	3.30E-10	1.95E-09	3.12E-11	7.05E-10	3.58E-08	3.32E-09	4.27E-08
1607	NG_303	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6366.957	2.01E-07	3.68E-07	Not Modelled	6.88E-09	1.85E-10	7.70E-06	2.00E-08	4.00E-09	4.00E-16	2.00E-09	4.78E-11	3.53E-11	9.81E-11	3.23E-10	1.91E-09	3.05E-11	6.89E-10	3.50E-08	3.24E-09	4.17E-08
1608	NG_304	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6366.957	1.99E-07	3.63E-07	Not Modelled	6.62E-09	1.82E-10	7.46E-06	1.97E-08	3.94E-09	3.94E-16	1.97E-09	4.72E-11	3.48E-11	9.67E-11	3.18E-10	1.88E-09	3.01E-11	6.80E-10	3.45E-08	3.20E-09	4.11E-08
1609	NG_305	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6366.957	1.99E-07	3.64E-07	Not Modelled	6.45E-09	1.83E-10	7.35E-06	1.98E-08	3.96E-09	3.96E-16	1.98E-09	4.74E-11	3.49E-11	9.71E-11	3.20E-10	1.89E-09	3.02E-11	6.83E-10	3.47E-08	3.21E-09	4.13E-08

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 2 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1610	NG_306	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6366.957	2.08E-07	3.80E-07	Not Modelled	6.53E-09	1.91E-10	7.54E-06	2.07E-08	4.13E-09	4.13E-16	2.07E-09	4.94E-11	3.64E-11	1.01E-10	3.34E-10	1.97E-09	3.15E-11	7.12E-10	3.62E-08	3.35E-09	4.31E-08
1611	NG_307	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6366.957	2.27E-07	4.17E-07	Not Modelled	6.94E-09	2.08E-10	8.15E-06	2.25E-08	4.51E-09	4.51E-16	2.25E-09	5.39E-11	3.97E-11	1.11E-10	3.64E-10	2.15E-09	3.44E-11	7.77E-10	3.94E-08	3.66E-09	4.70E-08
1612	NG_308	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6366.957	2.54E-07	4.70E-07	Not Modelled	7.63E-09	2.34E-10	9.09E-06	2.53E-08	5.06E-09	5.06E-16	2.53E-09	6.05E-11	4.46E-11	1.24E-10	4.08E-10	2.42E-09	3.86E-11	8.72E-10	4.43E-08	4.10E-09	5.28E-08
1613	NG_309	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6366.957	2.87E-07	5.33E-07	Not Modelled	8.50E-09	2.65E-10	1.02E-05	2.86E-08	5.72E-09	5.72E-16	2.86E-09	6.84E-11	5.04E-11	1.40E-10	4.62E-10	2.73E-09	4.37E-11	9.86E-10	5.01E-08	4.64E-09	5.97E-08
1614	NG_310	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6366.957	3.20E-07	5.95E-07	Not Modelled	9.41E-09	2.95E-10	1.12E-05	3.18E-08	6.37E-09	6.37E-16	3.18E-09	7.62E-11	5.61E-11	1.56E-10	5.14E-10	3.04E-09	4.86E-11	1.10E-09	5.57E-08	5.16E-09	6.64E-08
1615	NG_311	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6366.957	3.52E-07	6.58E-07	Not Modelled	1.04E-08	3.25E-10	1.21E-05	3.51E-08	7.03E-09	7.03E-16	3.51E-09	8.41E-11	6.19E-11	1.72E-10	5.67E-10	3.35E-09	5.36E-11	1.21E-09	6.15E-08	5.70E-09	7.33E-08
1616	NG_312	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6366.957	3.92E-07	7.33E-07	Not Modelled	1.19E-08	3.61E-10	1.32E-05	3.91E-08	7.81E-09	7.81E-16	3.91E-09	9.34E-11	6.88E-11	1.92E-10	6.31E-10	3.73E-09	5.96E-11	1.35E-09	6.84E-08	6.34E-09	8.15E-08
1617	NG_313	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6366.957	4.39E-07	8.26E-07	Not Modelled	1.40E-08	4.05E-10	1.45E-05	4.38E-08	8.76E-09	8.76E-16	4.38E-09	1.05E-10	7.72E-11	2.15E-10	7.07E-10	4.18E-09	6.69E-11	1.51E-09	7.67E-08	7.10E-09	9.14E-08
1618	NG_314	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6366.957	4.91E-07	9.27E-07	Not Modelled	1.69E-08	4.53E-10	1.58E-05	4.90E-08	9.79E-09	9.79E-16	4.90E-09	1.17E-10	8.63E-11	2.40E-10	7.91E-10	4.67E-09	7.48E-11	1.69E-09	8.57E-08	7.94E-09	1.02E-07
1619	NG_315	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6366.957	5.43E-07	1.03E-06	Not Modelled	2.07E-08	5.02E-10	1.72E-05	5.42E-08	1.08E-08	1.08E-15	5.43E-09	1.30E-10	9.56E-11	2.66E-10	8.76E-10	5.18E-09	8.28E-11	1.87E-09	9.50E-08	8.80E-09	1.13E-07
1632	NG_328	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6366.957	5.63E-07	1.10E-06	Not Modelled	5.95E-08	5.20E-10	1.99E-05	5.62E-08	1.12E-08	1.12E-15	5.63E-09	1.35E-10	9.91E-11	2.76E-10	9.08E-10	5.37E-09	8.59E-11	1.94E-09	9.85E-08	9.12E-09	1.17E-07
1635	NG_331	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.007	2.49E-07	4.61E-07	Not Modelled	9.81E-09	2.28E-10	8.84E-06	2.46E-08	4.92E-09	4.92E-16	2.46E-09	5.89E-11	4.34E-11	1.21E-10	3.97E-10	2.35E-09	3.76E-11	8.48E-10	4.31E-08	3.99E-09	5.14E-08
1636	NG_332	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.007	2.60E-07	4.84E-07	Not Modelled	1.04E-08	2.39E-10	9.48E-06	2.58E-08	5.16E-09	5.16E-16	2.58E-09	6.17E-11	4.55E-11	1.27E-10	4.17E-10	2.46E-09	3.94E-11	8.90E-10	4.52E-08	4.19E-09	5.39E-08
1637	NG_333	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.007	2.70E-07	5.02E-07	Not Modelled	1.09E-08	2.48E-10	1.00E-05	2.68E-08	5.35E-09	5.35E-16	2.68E-09	6.40E-11	4.72E-11	1.31E-10	4.32E-10	2.55E-09	4.08E-11	9.22E-10	4.68E-08	4.34E-09	5.58E-08
1638	NG_334	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.007	2.78E-07	5.18E-07	Not Modelled	1.13E-08	2.55E-10	1.06E-05	2.76E-08	5.51E-09	5.51E-16	2.76E-09	6.59E-11	4.86E-11	1.35E-10	4.45E-10	2.63E-09	4.21E-11	9.50E-10	4.83E-08	4.47E-09	5.75E-08
1639	NG_335	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.007	2.83E-07	5.28E-07	Not Modelled	1.16E-08	2.60E-10	1.10E-05	2.81E-08	5.62E-09	5.62E-16	2.81E-09	6.72E-11	4.95E-11	1.38E-10	4.54E-10	2.68E-09	4.29E-11	9.69E-10	4.92E-08	4.56E-09	5.87E-08
1640	NG_336	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.007	2.87E-07	5.35E-07	Not Modelled	1.17E-08	2.64E-10	1.15E-05	2.85E-08	5.70E-09	5.70E-16	2.85E-09	6.82E-11	5.03E-11	1.40E-10	4.61E-10	2.72E-09	4.35E-11	9.83E-10	4.99E-08	4.63E-09	5.95E-08
1641	NG_337	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.007	2.85E-07	5.31E-07	Not Modelled	1.15E-08	2.62E-10	1.16E-05	2.83E-08	5.67E-09	5.67E-16	2.83E-09	6.78E-11	4.99E-11	1.39E-10	4.57E-10	2.70E-09	4.32E-11	9.76E-10	4.96E-08	4.60E-09	5.91E-08
1642	NG_338	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.007	2.80E-07	5.21E-07	Not Modelled	1.12E-08	2.58E-10	1.16E-05	2.79E-08	5.57E-09	5.57E-16	2.79E-09	6.66E-11	4.91E-11	1.37E-10	4.50E-10	2.66E-09	4.25E-11	9.60E-10	4.88E-08	4.52E-09	5.81E-08
1643	NG_339	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.007	2.71E-07	5.03E-07	Not Modelled	1.07E-08	2.50E-10	1.12E-05	2.70E-08	5.40E-09	5.40E-16	2.70E-09	6.45E-11	4.76E-11	1.32E-10	4.36E-10	2.58E-09	4.12E-11	9.30E-10	4.72E-08	4.38E-09	5.63E-08
1644	NG_340	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.007	2.63E-07	4.86E-07	Not Modelled	1.02E-08	2.42E-10	1.09E-05	2.62E-08	5.23E-09	5.23E-16	2.62E-09	6.26E-11	4.61E-11	1.28E-10	4.23E-10	2.50E-09	4.00E-11	9.02E-10	4.58E-08	4.25E-09	5.46E-08
1645	NG_341	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.007	2.54E-07	4.68E-07	Not Modelled	9.72E-09	2.34E-10	1.04E-05	2.53E-08	5.05E-09	5.05E-16	2.53E-09	6.05E-11	4.46E-11	1.24E-10	4.08E-10	2.41E-09	3.86E-11	8.71E-10	4.43E-08	4.10E-09	5.28E-08
1646	NG_342	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.007	2.46E-07	4.53E-07	Not Modelled	9.34E-09	2.27E-10	1.00E-05	2.45E-08	4.90E-09	4.90E-16	2.45E-09	5.86E-11	4.32E-11	1.20E-10	3.96E-10	2.34E-09	3.74E-11	8.44E-10	4.29E-08	3.97E-09	5.11E-08
1647	NG_343	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.007	2.37E-07	4.36E-07	Not Modelled	8.90E-09	2.18E-10	9.48E-06	2.36E-08	4.72E-09	4.72E-16	2.36E-09	5.65E-11	4.16E-11	1.16E-10	3.81E-10	2.25E-09	3.60E-11	8.13E-10	4.13E-08	3.83E-09	4.93E-08
1648	NG_344	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.007	2.29E-07	4.21E-07	Not Modelled	8.47E-09	2.11E-10	9.00E-06	2.28E-08	4.56E-09	4.56E-16	2.28E-09	5.46E-11	4.02E-11	1.12E-10	3.69E-10	2.18E-09	3.48E-11	7.87E-10	4.00E-08	3.70E-09	4.76E-08
1649	NG_345	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.007	2.23E-07	4.10E-07	Not Modelled	8.02E-09	2.06E-10	8.57E-06	2.22E-08	4.45E-09	4.45E-16	2.22E-09	5.32E-11	3.92E-11	1.09E-10	3.59E-10	2.12E-09	3.40E-11	7.67E-10	3.89E-08	3.61E-09	4.64E-08
1650	NG_346	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.007	2.24E-07	4.11E-07	Not Modelled	7.76E-09	2.07E-10	8.42E-06	2.23E-08	4.46E-09	4.46E-16	2.23E-09	5.34E-11	3.94E-11	1.09E-10	3.60E-10	2.13E-09	3.41E-11	7.70E-10	3.91E-08	3.62E-09	4.66E-08
1651	NG_347	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.007	2.34E-07	4.30E-07	Not Modelled	7.78E-09	2.16E-10	8.64E-06	2.33E-08	4.66E-09	4.66E-16	2.33E-09	5.58E-11	4.11E-11	1.14E-10	3.77E-10	2.23E-09	3.56E-11	8.04E-10	4.08E-08	3.78E-09	4.87E-08
1652	NG_348	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.007	2.56E-07	4.72E-07	Not Modelled	8.21E-09	2.36E-10	9.34E-06	2.55E-08	5.11E-09	5.11E-16	2.55E-09	6.11E-11	4.50E-11	1.25E-10	4.12E-10	2.44E-09	3.90E-11	8.80E-10	4.47E-08	4.14E-09	5.33E-08
1653	NG_349	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.007	2.90E-07	5.37E-07	Not Modelled	9.02E-09	2.67E-10	1.05E-05	2.89E-08	5.78E-09	5.78E-16	2.89E-09	6.91E-11	5.09E-11	1.42E-10	4.66E-10	2.76E-09	4.41E-11	9.96E-10	5.06E-08	4.69E-09	6.03E-08
1654	NG_350	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.007	3.29E-07	6.12E-07	Not Modelled	1.01E-08	3.04E-10	1.18E-05	3.28E-08	6.56E-09	6.56E-16	3.28E-09	7.85E-11	5.78E-11	1.61E-10	5.30E-10	3.13E-09	5.01E-11	1.13E-09	5.75E-08	5.32E-09	6.85E-08
1655	NG_351	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.007	3.71E-07	6.93E-07	Not Modelled	1.13E-08	3.42E-10	1.31E-05	3.70E-08	7.40E-09	7.40E-16	3.70E-09	8.86E-11	6.52E-11	1.82E-10	5.98E-10	3.53E-09	5.65E-11	1.28E-09	6.48E-08	6.00E-09	7.73E-08
1656	NG_352	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.007	4.16E-07	7.78E-07	Not Modelled	1.30E-08	3.84E-10	1.44E-05	4.15E-08	8.30E-09	8.30E-16	4.15E-09	9.93E-11	7.32E-11	2.04E-10	6.70E-10	3.96E-09	6.34E-11	1.43E-09	7.27E-08	6.73E-09	8.66E-08
1657	NG_353	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.007	4.70E-07	8.83E-07	Not Modelled	1.52E-08	4.34E-10	1.59E-05	4.69E-08	9.39E-09	9.39E-16	4.70E-09	1.12E-10	8.28E-11	2.30E-10	7.58E-10	4.48E-09	7.17E-11	1.62E-09	8.22E-08	7.62E-09	9.80E-08
1658	NG_354	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.007	5.33E-07	1.01E-06	Not Modelled	1.84E-08	4.93E-10	1.76E-05	5.33E-08	1.06E-08	1.06E-15	5.33E-09	1.27E-10	9.39E-11	2.61E-10	8.60E-10	5.08E-09	8.13E-11	1.84E-09	9.32E-08	8.64E-09	1.11E-07
1677	NG_373	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.057	2.75E-07	5.13E-07	Not Modelled	1.18E-08	2.53E-10	1.00E-05	2.73E-08	5.46E-09	5.46E-16	2.73E-09	6.53E-11	4.81E-11	1.34E-10	4.41E-10	2.61E-09	4.17E-11	9.41E-10	4.78E-08	4.43E-09	5.70E-08
1678	NG_374	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.057	2.91E-07	5.44E-07	Not Modelled	1.27E-08	2.68E-10	1.09E-05	2.89E-08	5.79E-09	5.79E-16	2.89E-09	6.92E-11	5.10E-11	1.42E-10	4.67E-10	2.76E-09	4.42E-11	9.97E-10	5.07E-08	4.69E-09	6.04E-08
1679	NG_375	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.057	3.04E-07	5.70E-07	Not Modelled	1.34E-08	2.80E-10	1.16E-05	3.03E-08	6.06E-09	6.06E-16	3.03E-09	7.24E-11	5.34E-11	1.49E-10	4.89E-10	2.89E-09	4.62E-11	1.04E-09	5.30E-08	4.91E-09	6.32E-08
1680	NG_376	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.057	3.17E-07	5.94E-07	Not Modelled	1.40E-08	2.92E-10	1.24E-05	3.15E-08	6.30E-09	6.30E-16	3.15E-09	7.54E-11	5.56E-11	1.55E-10	5.09E-10	3.01E-09	4.81E-11	1.09E-09	5.52E-08	5.11E-09	6.58E-08
1681	NG_377	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.057	3.27E-07	6.14E-07	Not Modelled	1.44E-08	3.01E-10	1.32E-05	3.26E-08	6.51E-09	6.51E-16	3.26E-09	7.79E-11	5.74E-11	1.60E-10	5.26E-10	3.11E-09	4.97E-11	1.12E-09	5.70E-08	5.28E-09	6.80E-08
1682	NG_378	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.057	3.33E-07	6.25E-07	Not Modelled	1.46E-08	3.07E-10	1.38E-05	3.32E-08	6.63E-09	6.63E-16	3.32E-09	7.93E-11	5.85E-11	1.63E-10	5.36E-10	3.17E-09	5.06E-11	1.14E-09	5.81E-08	5.38E-09	6.92E-08
1683	NG_379	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.057	3.31E-07	6.20E-07	Not Modelled	1.43E-08	3.05E-10	1.40E-05	3.30E-08	6.60E-09	6.60E-16	3.30E-09	7.89E-11	5.81E-11	1.62E-10	5.33E-10	3.15E-09	5.04E-11	1.14E-09	5.78E-08	5.35E-09	6.88E-08
1684	NG_380	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.057	3.23E-07	6.03E-07	Not Modelled	1.37E-08	2.98E-10	1.37E-05	3.22E-08	6.44E-09	6.44E-16	3.22E-09	7.70E-11	5.67E-11	1.58E-10	5.20E-10	3.07E-09	4.91E-11	1.11E-09	5.63E-08	5.22E-09	6.72E-08
1685	NG_381	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.057	3.12E-07	5.81E-07	Not Modelled	1.30E-08	2.88E-10	1.33E-05	3.11E-08	6.22E-09	6.22E-16	3.11E-09	7.44E-11	5.48E-11	1.52E-10	5.02E-10	2.97E-09	4.75E-11	1.07E-09	5.44E-08	5.04E-09	6.49E-08
1686	NG_382	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.057	3.01E-07	5.58E-07	Not Modelled	1.24E-08	2.77E-10	1.27E-05	3.00E-08	5.99E-09	5.99E-16	3.00E-09	7.17E-11	5.28E-11	1.47E-10	4.84E-10	2.86E-09	4.57E-11	1.03E-09	5.24E-08	4.86E-09	6.25E-08
1687	NG_383	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.057	2.88E-07	5.34E-07	Not Modelled	1.19E-08	2.66E-10	1.21E-05	2.87E-08	5.74E-09	5.74E-16	2.87E-09	6.87E-11	5.06E-11	1.41E-10	4.64E-10	2.74E-09	4.38E-11	9.90E-10	5.03E-08	4.66E-09	5.99E-08
1688	NG_384	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.057	2.75E-07	5.09E-07	Not Modelled	1.14E-08	2.54E-10	1.14E-05	2.75E-08	5.49E-09	5.49E-16	2.75E-09	6.57E-11	4.84E-11	1.35E-10	4.43E-10	2.62E-09	4.19E-11	9.46E-10	4.81E-08	4.45E-09	5.73E-08
1689	NG_385	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.057	2.65E-07	4.89E-07	Not Modelled	1.07E-08	2.44E-10	1.07E-05	2.64E-08	5.28E-09	5.28E-16	2.64E-09	6.31E-11	4.65E-11	1.29E-10	4.26E-10	2.52E-09	4.03E-11	9.10E-10	4.62E-08	4.28E-09	5.51E-08
1690	NG_386	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.057	2.57E-07	4.74E-07	Not Modelled	1.01E-08	2.37E-10	1.02E-05	2.56E-08	5.13E-09	5.13E-16	2.57E-09	6.14E-11	4.52E-11	1.26E-10	4.14E-10	2.45E-09	3.92E-11	8.84E-10	4.49E-08	4.16E-09	5.35E-08
1691	NG_387	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.057	2.56E-07	4.71E-07	Not Modelled	9.56E-09	2.36E-10	9.83E-06	2.55E-08	5.11E-09	5.11E-16	2.55E-09	6.11E-11	4.50E-11	1.25E-10	4.12E-10	2.44E-09	3.90E-11	8.80E-10	4.47E-08	4.14E-09	5.33E-08
1692	NG_388	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.057	2.68E-07	4.92E-07	Not Modelled	9.48E-09	2.47E-10	1.00E-05	2.67E-08	5.33E-09	5.33E-16	2.67E-09	6.38E-11	4.70E-11	1.31E-10	4.31E-10	2.55E-09	4.07E-11	9.20E-10	4.67E-08	4.33E-09	5.57E-08
1693	NG_389	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.057	2.96E-07	5.46E-07	Not Modelled	9.99E-09	2.73E-10	1.10E-05	2.95E-08	5.90E-09	5.90E-16	2.95E-09	7.06E-11	5.20E-11	1.45E-10	4.76E-10	2.82E-09	4.50E-11	1.02E-09	5.16E-08	4.79E-09	6.16E-08
1694	NG_390	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.057	3.39E-07	6.29E-07	Not Modelled	1.11E-08	3.13E-10	1.25E-05	3.38E-08	6.77E-09	6.77E-16	3.39E-09	8.10E-11	5.96E-11	1.66E-10	5.46E-10	3.23E-09	5.17E-11	1.17E-09	5.92E-08	5.49E-09	7.06E-08
1695	NG_391	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.057	3.92E-07	7.30E-07	Not Modelled	1.26E-08	3.62E-10	1.42E-05	3.91E-08	7.81E-09	7.81E-16	3.91E-09	9.35E-11	6.89E-11	1.92E-10	6.31E-10	3.73E-09	5.97E-11	1.35E-09	6.84E-08	6.34E-09	8.16E-08
1696	NG_392	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.057	4.46E-07	8.35E-07	Not Modelled	1.44E-08	4.12E-10	1.59E-05	4.46E-08	8.91E-09	8.91E-16	4.46E-09	1.07E-10	7.86E-11	2.19E-10	7.20E-10	4.26E-09	6.81E-11	1.54E-09	7.80E-08	7.23E-09	9.30E-08
1697	NG_393	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.057	5.07E-07	9.50E-07	Not Modelled	1.71E-08	4.68E-10	1.76E-05	5.06E-08	1.01E-08	1.01E-15	5.06E-09	1.21E-10	8.92E-11	2.48E-10	8.17E-10	4.83E-09	7.72E-11	1.74E-09	8.86E-08	8.21E-09	1.06E-07
1698	NG_394	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.057	5.78E-07	1.09E-06	Not Modelled	2.06E-08	5.34E-10	1.95E-05	5.77E-08	1.15E-08	1.15E-15	5.77E-09	1.38E-10	1.02E-10	2.83E-10	9.32E-10	5.51E-09	8.82E-11	1.99E-09	1.01E-07	9.37E-09	1.20E-07
1699	NG_395	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.057	6.65E-07	1.26E-06	Not Modelled	2.54E-08	6.14E-10	2.18E-05	6.64E-08	1.33E-08	1.33E-15	6.64E-09	1.59E-10	1.17E-10	3.26E-10	1.07E-09	6.34E-09	1.01E-10	2.29E-09	1.16E-07	1.08E-08	1.39E-07
1718	NG_414	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.107	2.85E-07	5.33E-07	Not Modelled	1.34E-08	2.63E-10	1.05E-05	2.84E-08	5.68E-09	5.68E-16	2.84E-09	6.79E-11	5.01E-11	1.39E-10	4.59E-10	2.71E-09	4.33E-11	9.79E-10	4.97E-08	4.61E-09	5.93E-08
1719	NG_415	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.107	3.07E-07	5.75E-07	Not Modelled	1.45E-08	2.83E-10	1.15E-05	3.05E-08	6.11E-09	6.11E-16	3.06E-09	7.30E-11	5.38E-11	1.50E-10	4.93E-10	2.92E-09	4.66E-11	1.05E-09	5.35E-08	4.95E-09	6.37E-08
1720	NG_416	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.107	3.25E-07	6.11E-07	Not Modelled	1.55E-08	3.00E-10	1.24E-05	3.24E-08	6.48E-09	6.48E-16	3.24E-09	7.75E-11	5.71E-11	1.59E-10	5.23E-10	3.09E-09	4.95E-11	1.12E-09	5.67E-08	5.26E-09	6.76E-08
1721	NG_417	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.107	3.45E-07	6.49E-07	Not Modelled	1.66E-08	3.18E-10	1.35E-05	3.44E-08	6.88E-09	6.88E-16	3.44E-09	8.23E-11	6.06E-11	1.69E-10	5.55E-10	3.28E-09	5.25E-11	1.19E-09	6.02E-08	5.58E-09	7.18E-08
1722	NG_418	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.107	3.67E-07	6.92E-07	Not Modelled	1.77E-08	3.39E-10	1.48E-05	3.66E-08	7.32E-09	7.32E-16	3.66E-09	8.75E-11	6.45E-11	1.79E-10	5.91E-10	3.49E-09	5.59E-11	1.26E-09	6.41E-08	5.94E-09	7.64E-08
1723	NG_419	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.107	3.84E-07	7.23E-07	Not Modelled	1.83E-08	3.54E-10	1.60E-05	3.83E-08	7.65E-09	7.65E-16	3.83E-09	9.15E-11	6.75E-11	1.88E-10	6.18E-10	3.65E-09	5.84E-11	1.32E-09	6.70E-08	6.21E-09	7.99E-08
1724	NG_420	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.107	3.89E-07	7.32E-07	Not Modelled	1.83E-08	3.59E-10	1.65E-05	3.88E-08	7.76E-09	7.76E-16	3.88E-09	9.28E-11	6.84E-11	1.90E-10	6.26E-10	3.70E-09	5.92E-11	1.34E-09	6.79E-08	6.29E-09	8.09E-08
1725	NG_421	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.107	3.84E-07	7.21E-07	Not Modelled	1.77E-08	3.54E-10	1.65E-05	3.83E-08	7.65E-09	7.65E-16	3.83E-09	9.16E-11	6.75E-11	1.88E-10	6.18E-10	3.65E-09	5.84E-11	1.32E-09	6.70E-08	6.21E-09	7.99E-08
1726	NG_422	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.107	3.74E-07	7.01E-07	Not Modelled	1.69E-08	3.45E-10	1.62E-05	3.73E-08	7.46E-09	7.46E-16	3.73E-09	8.92E-11	6.57E-11	1.83E-10	6.02E-10	3.56E-09	5.69E-11	1.29E-09	6.53E-08	6.05E-09	7.78E-08
1727	NG_423	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.107	3.60E-07	6.72E-07	Not Modelled	1.63E-08	3.32E-10	1.57E-05	3.59E-08	7.18E-09	7.18E-16	3.59E-09	8.59E-11	6.33E-11	1.76E-10	5.80E-10	3.43E-09	5.48E-11	1.24E-09	6.28E-08	5.82E-09	7.49E-08
1728	NG_424	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.107	3.43E-07	6.40E-07	Not Modelled	1.56E-08	3.17E-10	1.49E-05	3.42E-08	6.85E-09	6.85E-16	3.43E-09	8.19E-11	6.04E-11	1.68E-10	5.53E-10	3.27E-09	5.23E-11	1.18E-09	6.00E-08	5.56E-09	7.15E-08
1729	NG_425	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.107	3.26E-07	6.05E-07	Not Modelled	1.48E-08	3.01E-10	1.39E-05	3.25E-08	6.50E-09	6.50E-16	3.25E-09	7.77E-11	5.73E-11	1.59E-10	5.25E-10	3.10E-09	4.96E-11	1.12E-09	5.69E-08	5.27E-09	6.78E-08
1730	NG_426	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.107	3.12E-07	5.78E-07	Not Modelled	1.39E-08	2.88E-10	1.31E-05	3.11E-08	6.22E-09	6.22E-16	3.11E-09	7.44E-11	5.48E-11	1.53E-10	5.02E-10	2.97E-09	4.75E-11	1.07E-09	5.45E-08	5.05E-09	6.49E-08
1732	NG_428	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.107	2.96E-07	5.46E-07	Not Modelled	1.20E-08	2.73E-10	1.17E-05	2.95E-08	5.91E-09	5.91E-16	2.96E-09	7.07E-11	5.21E-11	1.45E-10	4.77E-10	2.82E-09	4.51E-11	1.02E-09	5.17E-08	4.79E-09	6.16E-08
1733	NG_429	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.107	3.07E-07	5.66E-07	Not Modelled	1.17E-08	2.83E-10	1.18E-05	3.06E-08	6.13E-09	6.13E-16	3.06E-09	7.33E-11	5.40E-11	1.50E-10	4.95E-10	2.93E-09	4.68E-11	1.06E-09	5.36E-08	4.97E-09	6.39E-08
1734	NG_430	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.107	3.42E-07	6.33E-07	Not Modelled	1.23E-08	3.16E-10	1.29E-05	3.42E-08	6.83E-09	6.83E-16	3.42E-09	8.18E-11	6.02E-11	1.68E-10	5.52E-10	3.26E-09	5.22E-11	1.18E-09	5.98E-08	5.54E-09	7.13E-08
1735	NG_431	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.107	4.01E-07	7.46E-07	Not Modelled	1.38E-08	3.70E-10	1.50E-05	4.00E-08	8.00E-09	8.00E-16	4.00E-09	9.58E-11	7.06E-11	1.96E-10	6.46E-10	3.82E-09	6.11E-11	1.38E-09	7.01E-08	6.49E-09	8.35E-08
1736	NG_432	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.107	4.75E-07	8.87E-07	Not Modelled	1.62E-08	4.39E-10	1.76E-05	4.74E-08	9.48E-09	9.48E-16	4.74E-09	1.13E-10	8.36E-11	2.33E-10	7.66E-10	4.53E-09	7.24E-11	1.63E-09	8.30E-08	7.69E-09	9.90E-08
1737	NG_433	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.107	5.54E-07	1.04E-06	Not Modelled	1.98E-08	5.12E-10	2.01E-05	5.53E-08	1.11E-08	1.11E-15	5.54E-09	1.32E-10	9.76E-11	2.71E-10	8.94E-10	5.28E-09	8.45E-11	1.91E-09	9.69E-08	8.98E-09	1.16E-07
1738	NG_434	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.107	6.36E-07	1.20E-06	Not Modelled	2.44E-08	5.88E-10	2.23E-05	6.35E-08	1.27E-08	1.27E-15	6.36E-09	1.52E-10	1.12E-10	3.12E-10	1.03E-09	6.07E-09	9.70E-11	2.19E-09	1.11E-07	1.03E-08	1.33E-07
1739	NG_435	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.107	7.37E-07	1.39E-06	Not Modelled	3.05E-08	6.82E-10	2.50E-05	7.37E-08	1.47E-08	1.47E-15	7.37E-09	1.76E-10	1.30E-10	3.61E-10	1.19E-09	7.04E-09	1.13E-10	2.54E-09	1.29E-07	1.20E-08	1.54E-07
1740	NG_436	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.107	8.53E-07	1.62E-06	Not Modelled	3.75E-08	7.88E-10	2.81E-05	8.52E-08	1.70E-08	1.70E-15	8.52E-09	2.04E-10	1.50E-10	4.18E-10	1.38E-09	8.14E-09	1.30E-10	2.94E-09	1.49E-07	1.38E-08	1.78E-07
1760	NG_456	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.157	3.16E-07	5.93E-07	Not Modelled	1.65E-08	2.92E-10	1.20E-05	3.15E-08	6.30E-09	6.30E-16	3.15E-09	7.54E-11	5.56E-11	1.55E-10	5.09E-10	3.01E-09	4.81E-11	1.09E-09	5.52E-08	5.12E-09	6.58E-08
1761	NG_457	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.157	3.42E-07	6.42E-07	Not Modelled	1.79E-08	3.15E-10	1.32E-05	3.41E-08	6.81E-09	6.81E-16	3.41E-09	8.15E-11	6.00E-11	1.67E-10	5.50E-10	3.25E-09	5.20E-11	1.17E-09	5.96E-08	5.53E-09	7.11E-08
1762	NG_458	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.157	3.69E-07	6.95E-07	Not Modelled	1.95E-08	3.41E-10	1.45E-05	3.68E-08	7.36E-09	7.36E-16	3.68E-09	8.81E-11	6.49E-11	1.81E-10	5.95E-10	3.52E-09	5.62E-11	1.27E-09	6.45E-08	5.97E-09	7.68E-08
1763	NG_459	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.157	4.01E-07	7.56E-07	Not Modelled	2.11E-08	3.70E-10	1.62E-05	4.00E-08	8.00E-09	8.00E-16	4.00E-09	9.57E-11	7.05E-11	1.96E-10	6.46E-10	3.82E-09	6.10E-11	1.38E-09	7.00E-08	6.49E-09	8.35E-08
1764	NG_460	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.157	4.30E-07	8.12E-07	Not Modelled	2.24E-08	3.97E-10	1.78E-05	4.29E-08	8.58E-09	8.58E-16	4.29E-09	1.03E-10	7.56E-11	2.10E-10	6.93E-10	4.10E-09	6.55E-11	1.48E-09	7.51E-08	6.96E-09	8.95E-08

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 2 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1765	NG_461	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.157	4.49E-07	8.48E-07	Not Modelled	2.29E-08	4.15E-10	1.90E-05	4.48E-08	8.96E-09	8.96E-16	4.48E-09	1.07E-10	7.90E-11	2.20E-10	7.23E-10	4.28E-09	6.84E-11	1.54E-09	7.84E-08	7.27E-09	9.35E-08
1766	NG_462	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.157	4.54E-07	8.58E-07	Not Modelled	2.27E-08	4.20E-10	1.95E-05	4.54E-08	9.07E-09	9.07E-16	4.54E-09	1.09E-10	8.00E-11	2.22E-10	7.33E-10	4.33E-09	6.93E-11	1.56E-09	7.94E-08	7.36E-09	9.47E-08
1767	NG_463	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.157	4.50E-07	8.49E-07	Not Modelled	2.23E-08	4.16E-10	1.97E-05	4.50E-08	8.99E-09	8.99E-16	4.50E-09	1.08E-10	7.92E-11	2.20E-10	7.26E-10	4.29E-09	6.86E-11	1.55E-09	7.87E-08	7.29E-09	9.38E-08
1768	NG_464	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.157	4.39E-07	8.25E-07	Not Modelled	2.17E-08	4.06E-10	1.94E-05	4.38E-08	8.76E-09	8.76E-16	4.38E-09	1.05E-10	7.72E-11	2.15E-10	7.08E-10	4.18E-09	6.69E-11	1.51E-09	7.67E-08	7.11E-09	9.15E-08
1769	NG_465	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.157	4.19E-07	7.86E-07	Not Modelled	2.08E-08	3.88E-10	1.87E-05	4.19E-08	8.37E-09	8.37E-16	4.19E-09	1.00E-10	7.38E-11	2.05E-10	6.76E-10	4.00E-09	6.39E-11	1.44E-09	7.33E-08	6.79E-09	8.74E-08
1770	NG_466	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.157	3.95E-07	7.38E-07	Not Modelled	1.96E-08	3.65E-10	1.74E-05	3.95E-08	7.89E-09	7.89E-16	3.95E-09	9.44E-11	6.96E-11	1.94E-10	6.37E-10	3.77E-09	6.02E-11	1.36E-09	6.91E-08	6.40E-09	8.24E-08
1771	NG_467	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.157	3.73E-07	6.95E-07	Not Modelled	1.83E-08	3.45E-10	1.62E-05	3.73E-08	7.45E-09	7.45E-16	3.73E-09	8.92E-11	6.57E-11	1.83E-10	6.02E-10	3.56E-09	5.69E-11	1.28E-09	6.52E-08	6.05E-09	7.78E-08
1774	NG_470	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6367.157	3.54E-07	6.55E-07	Not Modelled	1.46E-08	3.27E-10	1.40E-05	3.54E-08	7.07E-09	7.07E-16	3.54E-09	8.46E-11	6.24E-11	1.73E-10	5.71E-10	3.38E-09	5.40E-11	1.22E-09	6.19E-08	5.74E-09	7.38E-08
1775	NG_471	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6367.157	3.96E-07	7.35E-07	Not Modelled	1.52E-08	3.66E-10	1.53E-05	3.96E-08	7.92E-09	7.92E-16	3.96E-09	9.47E-11	6.98E-11	1.94E-10	6.39E-10	3.78E-09	6.05E-11	1.37E-09	6.93E-08	6.42E-09	8.26E-08
1776	NG_472	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.157	4.72E-07	8.79E-07	Not Modelled	1.73E-08	4.36E-10	1.79E-05	4.71E-08	9.42E-09	9.42E-16	4.71E-09	1.13E-10	8.31E-11	2.31E-10	7.61E-10	4.50E-09	7.20E-11	1.62E-09	8.25E-08	7.65E-09	9.84E-08
1777	NG_473	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.157	5.74E-07	1.08E-06	Not Modelled	2.14E-08	5.31E-10	2.15E-05	5.74E-08	1.15E-08	1.15E-15	5.74E-09	1.37E-10	1.01E-10	2.81E-10	9.26E-10	5.48E-09	8.76E-11	1.98E-09	1.00E-07	9.31E-09	1.20E-07
1778	NG_474	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.157	6.97E-07	1.31E-06	Not Modelled	2.89E-08	6.44E-10	2.56E-05	6.97E-08	1.39E-08	1.39E-15	6.97E-09	1.67E-10	1.23E-10	3.42E-10	1.12E-09	6.65E-09	1.06E-10	2.40E-09	1.22E-07	1.13E-08	1.45E-07
1779	NG_475	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.157	8.36E-07	1.58E-06	Not Modelled	3.88E-08	7.73E-10	2.97E-05	8.35E-08	1.67E-08	1.67E-15	8.36E-09	2.00E-10	1.47E-10	4.10E-10	1.35E-09	7.98E-09	1.28E-10	2.88E-09	1.46E-07	1.36E-08	1.74E-07
1780	NG_476	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.157	9.89E-07	1.87E-06	Not Modelled	4.96E-08	9.15E-10	3.40E-05	9.89E-08	1.98E-08	1.98E-15	9.89E-09	2.37E-10	1.74E-10	4.85E-10	1.60E-09	9.44E-09	1.51E-10	3.41E-09	1.73E-07	1.60E-08	2.06E-07
1781	NG_477	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6367.157	1.14E-06	2.17E-06	Not Modelled	6.01E-08	1.05E-09	3.82E-05	1.14E-07	2.27E-08	2.27E-15	1.14E-08	2.72E-10	2.00E-10	5.58E-10	1.84E-09	1.09E-08	1.74E-10	3.92E-09	1.99E-07	1.84E-08	2.37E-07
1801	NG_497	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.207	3.21E-07	6.01E-07	Not Modelled	1.85E-08	2.96E-10	1.25E-05	3.20E-08	6.40E-09	6.40E-16	3.20E-09	7.66E-11	5.64E-11	1.57E-10	5.17E-10	3.06E-09	4.89E-11	1.10E-09	5.61E-08	5.20E-09	6.68E-08
1802	NG_498	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.207	3.52E-07	6.60E-07	Not Modelled	2.03E-08	3.25E-10	1.38E-05	3.51E-08	7.02E-09	7.02E-16	3.51E-09	8.40E-11	6.19E-11	1.72E-10	5.67E-10	3.35E-09	5.36E-11	1.21E-09	6.15E-08	5.70E-09	7.33E-08
1803	NG_499	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.207	3.86E-07	7.26E-07	Not Modelled	2.23E-08	3.56E-10	1.53E-05	3.85E-08	7.70E-09	7.70E-16	3.85E-09	9.21E-11	6.79E-11	1.89E-10	6.22E-10	3.68E-09	5.88E-11	1.33E-09	6.74E-08	6.25E-09	8.03E-08
1804	NG_500	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.207	4.26E-07	8.05E-07	Not Modelled	2.45E-08	3.94E-10	1.72E-05	4.26E-08	8.51E-09	8.51E-16	4.26E-09	1.02E-10	7.51E-11	2.09E-10	6.88E-10	4.06E-09	6.50E-11	1.47E-09	7.45E-08	6.91E-09	8.89E-08
1805	NG_501	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.207	4.68E-07	8.84E-07	Not Modelled	2.64E-08	4.32E-10	1.92E-05	4.67E-08	9.34E-09	9.34E-16	4.67E-09	1.12E-10	8.23E-11	2.29E-10	7.54E-10	4.46E-09	7.13E-11	1.61E-09	8.18E-08	7.58E-09	9.75E-08
1806	NG_502	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.207	5.05E-07	9.55E-07	Not Modelled	2.79E-08	4.67E-10	2.11E-05	5.04E-08	1.01E-08	1.01E-15	5.04E-09	1.21E-10	8.89E-11	2.47E-10	8.14E-10	4.81E-09	7.69E-11	1.74E-09	8.82E-08	8.18E-09	1.05E-07
1807	NG_503	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.207	5.28E-07	9.99E-07	Not Modelled	2.86E-08	4.88E-10	2.25E-05	5.27E-08	1.05E-08	1.05E-15	5.28E-09	1.26E-10	9.29E-11	2.59E-10	8.51E-10	5.03E-09	8.05E-11	1.82E-09	9.23E-08	8.55E-09	1.10E-07
1808	NG_504	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.207	5.43E-07	1.03E-06	Not Modelled	2.91E-08	5.02E-10	2.37E-05	5.42E-08	1.08E-08	1.08E-15	5.42E-09	1.30E-10	9.55E-11	2.66E-10	8.75E-10	5.17E-09	8.27E-11	1.87E-09	9.49E-08	8.79E-09	1.13E-07
1809	NG_505	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.207	5.41E-07	1.02E-06	Not Modelled	2.91E-08	5.00E-10	2.41E-05	5.41E-08	1.08E-08	1.08E-15	5.41E-09	1.29E-10	9.53E-11	2.65E-10	8.73E-10	5.16E-09	8.25E-11	1.86E-09	9.47E-08	8.77E-09	1.13E-07
1810	NG_506	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.207	5.23E-07	9.84E-07	Not Modelled	2.82E-08	4.83E-10	2.36E-05	5.22E-08	1.04E-08	1.04E-15	5.22E-09	1.25E-10	9.20E-11	2.56E-10	8.43E-10	4.98E-09	7.97E-11	1.80E-09	9.14E-08	8.47E-09	1.09E-07
1811	NG_507	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.207	4.90E-07	9.20E-07	Not Modelled	2.65E-08	4.53E-10	2.22E-05	4.89E-08	9.79E-09	9.79E-16	4.90E-09	1.17E-10	8.63E-11	2.40E-10	7.90E-10	4.67E-09	7.47E-11	1.69E-09	8.57E-08	7.94E-09	1.02E-07
1817	NG_513	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6367.207	5.65E-07	1.05E-06	Not Modelled	2.28E-08	5.23E-10	2.20E-05	5.65E-08	1.13E-08	1.13E-15	5.65E-09	1.35E-10	9.96E-11	2.77E-10	9.12E-10	5.39E-09	8.62E-11	1.95E-09	9.89E-08	9.16E-09	1.18E-07
1818	NG_514	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.207	7.09E-07	1.33E-06	Not Modelled	3.07E-08	6.56E-10	2.70E-05	7.09E-08	1.42E-08	1.42E-15	7.09E-09	1.70E-10	1.25E-10	3.48E-10	1.15E-09	6.77E-09	1.08E-10	2.44E-09	1.24E-07	1.15E-08	1.48E-07
1819	NG_515	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.207	9.04E-07	1.71E-06	Not Modelled	4.68E-08	8.36E-10	3.36E-05	9.03E-08	1.81E-08	1.81E-15	9.03E-09	2.16E-10	1.59E-10	4.43E-10	1.46E-09	8.62E-09	1.38E-10	3.11E-09	1.58E-07	1.47E-08	1.89E-07
1820	NG_516	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.207	1.13E-06	2.14E-06	Not Modelled	6.70E-08	1.05E-09	4.10E-05	1.13E-07	2.26E-08	2.26E-15	1.13E-08	2.70E-10	1.99E-10	5.54E-10	1.82E-09	1.08E-08	1.73E-10	3.90E-09	1.98E-07	1.83E-08	2.36E-07
1821	NG_517	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.207	1.36E-06	2.58E-06	Not Modelled	8.60E-08	1.25E-09	4.79E-05	1.36E-07	2.71E-08	2.71E-15	1.36E-08	3.24E-10	2.39E-10	6.65E-10	2.19E-09	1.29E-08	2.07E-10	4.68E-09	2.37E-07	2.20E-08	2.83E-07
1842	NG_538	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.257	3.23E-07	6.02E-07	Not Modelled	2.04E-08	2.98E-10	1.29E-05	3.22E-08	6.44E-09	6.44E-16	3.22E-09	7.70E-11	5.67E-11	1.58E-10	5.20E-10	3.07E-09	4.91E-11	1.11E-09	5.63E-08	5.22E-09	6.72E-08
1843	NG_539	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.257	3.54E-07	6.64E-07	Not Modelled	2.25E-08	3.27E-10	1.43E-05	3.54E-08	7.07E-09	7.07E-16	3.54E-09	8.46E-11	6.24E-11	1.73E-10	5.71E-10	3.38E-09	5.40E-11	1.22E-09	6.19E-08	5.74E-09	7.38E-08
1844	NG_540	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.257	3.94E-07	7.40E-07	Not Modelled	2.49E-08	3.64E-10	1.60E-05	3.94E-08	7.87E-09	7.87E-16	3.94E-09	9.42E-11	6.94E-11	1.93E-10	6.36E-10	3.76E-09	6.01E-11	1.36E-09	6.89E-08	6.39E-09	8.21E-08
1845	NG_541	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.257	4.43E-07	8.33E-07	Not Modelled	2.75E-08	4.09E-10	1.80E-05	4.42E-08	8.84E-09	8.84E-16	4.42E-09	1.06E-10	7.79E-11	2.17E-10	7.14E-10	4.22E-09	6.75E-11	1.52E-09	7.74E-08	7.17E-09	9.22E-08
1846	NG_542	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.257	4.96E-07	9.35E-07	Not Modelled	3.01E-08	4.58E-10	2.03E-05	4.95E-08	9.90E-09	9.90E-16	4.95E-09	1.18E-10	8.73E-11	2.43E-10	8.00E-10	4.73E-09	7.56E-11	1.71E-09	8.67E-08	8.03E-09	1.03E-07
1847	NG_543	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.257	5.48E-07	1.04E-06	Not Modelled	3.24E-08	5.06E-10	2.27E-05	5.47E-08	1.09E-08	1.09E-15	5.47E-09	1.31E-10	9.64E-11	2.68E-10	8.83E-10	5.22E-09	8.35E-11	1.89E-09	9.58E-08	8.88E-09	1.14E-07
1848	NG_544	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.257	5.99E-07	1.13E-06	Not Modelled	3.49E-08	5.54E-10	2.54E-05	5.98E-08	1.20E-08	1.20E-15	5.99E-09	1.43E-10	1.05E-10	2.93E-10	9.66E-10	5.71E-09	9.13E-11	2.06E-09	1.05E-07	9.71E-09	1.25E-07
1849	NG_545	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.257	6.44E-07	1.22E-06	Not Modelled	3.73E-08	5.95E-10	2.80E-05	6.43E-08	1.29E-08	1.29E-15	6.44E-09	1.54E-10	1.13E-10	3.16E-10	1.04E-09	6.14E-09	9.82E-11	2.22E-09	1.13E-07	1.04E-08	1.34E-07
1850	NG_546	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.257	6.67E-07	1.26E-06	Not Modelled	3.88E-08	6.17E-10	2.97E-05	6.67E-08	1.33E-08	1.33E-15	6.67E-09	1.60E-10	1.18E-10	3.27E-10	1.08E-09	6.37E-09	1.02E-10	2.30E-09	1.17E-07	1.08E-08	1.39E-07
1851	NG_547	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.257	6.61E-07	1.25E-06	Not Modelled	3.88E-08	6.11E-10	3.01E-05	6.61E-08	1.32E-08	1.32E-15	6.61E-09	1.58E-10	1.16E-10	3.24E-10	1.07E-09	6.31E-09	1.01E-10	2.28E-09	1.16E-07	1.07E-08	1.38E-07
1852	NG_548	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.257	6.26E-07	1.18E-06	Not Modelled	3.73E-08	5.79E-10	2.91E-05	6.26E-08	1.25E-08	1.25E-15	6.26E-09	1.50E-10	1.10E-10	3.07E-10	1.01E-09	5.97E-09	9.55E-11	2.16E-09	1.10E-07	1.02E-08	1.31E-07
1859	NG_555	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.257	9.48E-07	1.78E-06	Not Modelled	5.19E-08	8.76E-10	3.72E-05	9.47E-08	1.89E-08	1.89E-15	9.48E-09	2.27E-10	1.67E-10	4.65E-10	1.53E-09	9.05E-09	1.45E-10	3.27E-09	1.66E-07	1.54E-08	1.98E-07
1860	NG_556	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.257	1.27E-06	2.40E-06	Not Modelled	8.75E-08	1.17E-09	4.86E-05	1.27E-07	2.53E-08	2.53E-15	1.27E-08	3.03E-10	2.23E-10	6.21E-10	2.04E-09	1.21E-08	1.93E-10	4.37E-09	2.22E-07	2.05E-08	2.64E-07
1861	NG_557	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.257	1.61E-06	3.07E-06	Not Modelled	1.26E-07	1.49E-09	6.04E-05	1.61E-07	3.22E-08	3.22E-15	1.61E-08	3.85E-10	2.84E-10	7.90E-10	2.60E-09	1.54E-08	2.46E-10	5.55E-09	2.82E-07	2.61E-08	3.36E-07
1862	NG_558	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.257	1.86E-06	3.57E-06	Not Modelled	1.53E-07	1.72E-09	6.83E-05	1.86E-07	3.73E-08	3.73E-15	1.86E-08	4.46E-10	3.29E-10	9.14E-10	3.01E-09	1.78E-08	2.85E-10	6.43E-09	3.26E-07	3.02E-08	3.89E-07
1882	NG_578	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.307	2.96E-07	5.51E-07	Not Modelled	2.03E-08	2.73E-10	1.22E-05	2.95E-08	5.91E-09	5.91E-16	2.95E-09	7.07E-11	5.21E-11	1.45E-10	4.77E-10	2.82E-09	4.51E-11	1.02E-09	5.17E-08	4.79E-09	6.16E-08
1883	NG_579	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.307	3.23E-07	6.01E-07	Not Modelled	2.23E-08	2.98E-10	1.34E-05	3.22E-08	6.44E-09	6.44E-16	3.22E-09	7.70E-11	5.68E-11	1.58E-10	5.20E-10	3.07E-09	4.92E-11	1.11E-09	5.64E-08	5.22E-09	6.72E-08
1884	NG_580	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.307	3.55E-07	6.62E-07	Not Modelled	2.45E-08	3.28E-10	1.47E-05	3.54E-08	7.08E-09	7.08E-16	3.54E-09	8.47E-11	6.24E-11	1.74E-10	5.72E-10	3.38E-09	5.41E-11	1.22E-09	6.20E-08	5.75E-09	7.39E-08
1885	NG_581	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.307	3.98E-07	7.44E-07	Not Modelled	2.72E-08	3.68E-10	1.65E-05	3.97E-08	7.94E-09	7.94E-16	3.97E-09	9.50E-11	7.00E-11	1.95E-10	6.41E-10	3.79E-09	6.06E-11	1.37E-09	6.95E-08	6.44E-09	8.29E-08
1887	NG_583	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.307	5.11E-07	9.61E-07	Not Modelled	3.34E-08	4.73E-10	2.12E-05	5.11E-08	1.02E-08	1.02E-15	5.11E-09	1.22E-10	9.00E-11	2.51E-10	8.25E-10	4.88E-09	7.80E-11	1.76E-09	8.94E-08	8.29E-09	1.07E-07
1888	NG_584	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.307	5.77E-07	1.09E-06	Not Modelled	3.68E-08	5.34E-10	2.41E-05	5.77E-08	1.15E-08	1.15E-15	5.77E-09	1.38E-10	1.02E-10	2.83E-10	9.31E-10	5.51E-09	8.80E-11	1.99E-09	1.01E-07	9.36E-09	1.20E-07
1889	NG_585	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.307	6.56E-07	1.24E-06	Not Modelled	4.12E-08	6.07E-10	2.78E-05	6.56E-08	1.31E-08	1.31E-15	6.56E-09	1.57E-10	1.16E-10	3.22E-10	1.06E-09	6.26E-09	1.00E-10	2.26E-09	1.15E-07	1.06E-08	1.37E-07
1890	NG_586	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.307	7.41E-07	1.40E-06	Not Modelled	4.62E-08	6.85E-10	3.19E-05	7.40E-08	1.48E-08	1.48E-15	7.41E-09	1.77E-10	1.31E-10	3.63E-10	1.20E-09	7.07E-09	1.13E-10	2.55E-09	1.30E-07	1.20E-08	1.55E-07
1891	NG_587	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.307	8.05E-07	1.52E-06	Not Modelled	5.06E-08	7.44E-10	3.55E-05	8.04E-08	1.61E-08	1.61E-15	8.05E-09	1.92E-10	1.42E-10	3.94E-10	1.30E-09	7.68E-09	1.23E-10	2.77E-09	1.41E-07	1.31E-08	1.68E-07
1892	NG_588	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.307	8.32E-07	1.57E-06	Not Modelled	5.37E-08	7.70E-10	3.80E-05	8.32E-08	1.66E-08	1.66E-15	8.32E-09	1.99E-10	1.47E-10	4.08E-10	1.34E-09	7.94E-09	1.27E-10	2.87E-09	1.46E-07	1.35E-08	1.74E-07
1893	NG_589	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.307	8.29E-07	1.57E-06	Not Modelled	5.52E-08	7.67E-10	3.95E-05	8.29E-08	1.66E-08	1.66E-15	8.29E-09	1.98E-10	1.46E-10	4.06E-10	1.34E-09	7.91E-09	1.26E-10	2.86E-09	1.45E-07	1.34E-08	1.73E-07
1900	NG_596	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6367.307	1.41E-06	2.67E-06	Not Modelled	1.04E-07	1.31E-09	5.78E-05	1.41E-07	2.82E-08	2.82E-15	1.41E-08	3.38E-10	2.49E-10	6.93E-10	2.28E-09	1.35E-08	2.16E-10	4.87E-09	2.47E-07	2.29E-08	2.95E-07
1901	NG_597	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6367.307	1.96E-06	3.74E-06	Not Modelled	1.84E-07	1.81E-09	7.85E-05	1.96E-07	3.92E-08	3.92E-15	1.96E-08	4.69E-10	3.45E-10	9.61E-10	3.16E-09	1.87E-08	2.99E-10	6.75E-09	3.43E-07	3.18E-08	4.09E-07
1902	NG_598	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6367.307	2.39E-06	4.58E-06	Not Modelled	2.46E-07	2.21E-09	9.38E-05	2.39E-07	4.77E-08	4.77E-15	2.39E-08	5.71E-10	4.21E-10	1.17E-09	3.86E-09	2.28E-08	3.65E-10	8.23E-09	4.18E-07	3.87E-08	4.98E-07
1903	NG_599	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6367.307	2.56E-06	4.94E-06	Not Modelled	2.68E-07	2.37E-09	9.89E-05	2.56E-07	5.13E-08	5.13E-15	2.57E-08	6.14E-10	4.52E-10	1.26E-09	4.14E-09	2.45E-08	3.92E-10	8.84E-09	4.49E-07	4.16E-08	5.35E-07
1922	NG_618	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.357	2.74E-07	5.07E-07	Not Modelled	1.98E-08	2.53E-10	1.16E-05	2.73E-08	5.46E-09	5.46E-16	2.73E-09	6.53E-11	4.81E-11	1.34E-10	4.41E-10	2.61E-09	4.17E-11	9.41E-10	4.78E-08	4.43E-09	5.70E-08
1923	NG_619	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.357	2.98E-07	5.54E-07	Not Modelled	2.20E-08	2.75E-10	1.28E-05	2.97E-08	5.95E-09	5.95E-16	2.98E-09	7.12E-11	5.24E-11	1.46E-10	4.80E-10	2.84E-09	4.54E-11	1.03E-09	5.21E-08	4.83E-09	6.21E-08
1924	NG_620	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.357	3.25E-07	6.05E-07	Not Modelled	2.42E-08	3.01E-10	1.40E-05	3.25E-08	6.50E-09	6.50E-16	3.25E-09	7.77E-11	5.73E-11	1.59E-10	5.25E-10	3.10E-09	4.96E-11	1.12E-09	5.69E-08	5.27E-09	6.78E-08
1925	NG_621	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.357	3.59E-07	6.68E-07	Not Modelled	2.67E-08	3.32E-10	1.54E-05	3.58E-08	7.16E-09	7.16E-16	3.58E-09	8.57E-11	6.31E-11	1.76E-10	5.78E-10	3.42E-09	5.47E-11	1.23E-09	6.27E-08	5.81E-09	7.48E-08
1926	NG_622	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.357	4.03E-07	7.50E-07	Not Modelled	2.96E-08	3.72E-10	1.73E-05	4.02E-08	8.04E-09	8.04E-16	4.02E-09	9.62E-11	7.09E-11	1.97E-10	6.50E-10	3.84E-09	6.14E-11	1.39E-09	7.04E-08	6.53E-09	8.40E-08
1927	NG_623	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.357	4.57E-07	8.54E-07	Not Modelled	3.30E-08	4.23E-10	1.95E-05	4.57E-08	9.14E-09	9.14E-16	4.57E-09	1.09E-10	8.05E-11	2.24E-10	7.38E-10	4.36E-09	6.98E-11	1.57E-09	8.00E-08	7.41E-09	9.54E-08
1928	NG_624	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.357	5.19E-07	9.70E-07	Not Modelled	3.65E-08	4.80E-10	2.21E-05	5.19E-08	1.04E-08	1.04E-15	5.19E-09	1.24E-10	9.14E-11	2.54E-10	8.37E-10	4.95E-09	7.92E-11	1.79E-09	9.08E-08	8.41E-09	1.08E-07
1929	NG_625	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.357	5.97E-07	1.12E-06	Not Modelled	4.11E-08	5.52E-10	2.54E-05	5.96E-08	1.19E-08	1.19E-15	5.97E-09	1.43E-10	1.05E-10	2.92E-10	9.63E-10	5.69E-09	9.10E-11	2.06E-09	1.04E-07	9.68E-09	1.24E-07
1930	NG_626	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.357	7.00E-07	1.31E-06	Not Modelled	4.76E-08	6.47E-10	3.00E-05	6.99E-08	1.40E-08	1.40E-15	7.00E-09	1.67E-10	1.23E-10	3.43E-10	1.13E-09	6.68E-09	1.07E-10	2.41E-09	1.22E-07	1.13E-08	1.46E-07
1931	NG_627	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.357	8.17E-07	1.54E-06	Not Modelled	5.52E-08	7.56E-10	3.53E-05	8.17E-08	1.63E-08	1.63E-15	8.18E-09	1.95E-10	1.44E-10	4.01E-10	1.32E-09	7.80E-09	1.25E-10	2.82E-09	1.43E-07	1.33E-08	1.71E-07
1932	NG_628	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.357	9.27E-07	1.75E-06	Not Modelled	6.35E-08	8.57E-10	4.08E-05	9.26E-08	1.85E-08	1.85E-15	9.27E-09	2.22E-10	1.63E-10	4.54E-10	1.50E-09	8.84E-09	1.41E-10	3.19E-09	1.62E-07	1.50E-08	1.93E-07
1933	NG_629	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.357	1.02E-06	1.92E-06	Not Modelled	7.31E-08	9.41E-10	4.70E-05	1.02E-07	2.03E-08	2.03E-15	1.02E-08	2.43E-10	1.79E-10	4.99E-10	1.64E-09	9.71E-09	1.55E-10	3.51E-09	1.78E-07	1.65E-08	2.12E-07
1934	NG_630	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.357	1.10E-06	2.09E-06	Not Modelled	8.25E-08	1.02E-09	5.35E-05	1.10E-07	2.21E-08	2.21E-15	1.10E-08	2.64E-10	1.95E-10	5.41E-10	1.78E-09	1.05E-08	1.69E-10	3.80E-09	1.93E-07	1.79E-08	2.30E-07
1961	NG_657	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.407	2.39E-07	4.42E-07	Not Modelled	1.71E-08	2.21E-10	1.02E-05	2.38E-08	4.77E-09	4.77E-16	2.38E-09	5.70E-11	4.20E-11	1.17E-10	3.85E-10	2.28E-09	3.64E-11	8.22E-10	4.17E-08	3.87E-09	4.97E-08
1962	NG_658	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.407	2.58E-07	4.77E-07	Not Modelled	1.91E-08	2.38E-10	1.12E-05	2.57E-08	5.14E-09	5.14E-16	2.57E-09	6.15E-11	4.53E-11	1.26E-10	4.15E-10	2.45E-09	3.93E-11	8.86E-10	4.50E-08	4.17E-09	5.37E-08
1963	NG_659	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.407	2.79E-07	5.17E-07	Not Modelled	2.13E-08	2.57E-10	1.22E-05	2.78E-08	5.56E-09	5.56E-16	2.78E-09	6.65E-11	4.90E-11	1.36E-10	4.49E-10	2.65E-09	4.24E-11	9.58E-10	4.87E-08	4.51E-09	5.80E-08
1964	NG_660	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.407	3.03E-07	5.62E-07	Not Modelled	2.35E-08	2.80E-10	1.34E-05	3.02E-08	6.05E-09	6.05E-16	3.03E-09	7.24E-11	5.33E-11	1.48E-10	4.88E-10	2.89E-09	4.62E-11	1.04E-09	5.30E-08	4.91E-09	6.31E-08
1965	NG_661	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.407	3.32E-07	6.16E-07	Not Modelled	2.60E-08	3.06E-10	1.47E-05	3.31E-08	6.62E-09	6.62E-16	3.31E-09	7.92E-11	5.83E-11	1.62E-10	5.35E-10	3.16E-09	5.05E-11	1.14E-09	5.80E-08	5.37E-09	6.91E-08
1966	NG_662	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.407	3.68E-07	6.83E-07	Not Modelled	2.88E-08	3.40E-10	1.64E-05	3.67E-08	7.34E-09	7.34E-16	3.67E-09	8.79E-11	6.47E-11	1.80E-10	5.93E-10	3.51E-09	5.61E-11	1.27E-09	6.43E-08	5.96E-09	7.67E-08
1967	NG_663	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.407	4.12E-07	7.66E-07	Not Modelled	3.21E-08	3.81E-10	1.83E-05	4.12E-08	8.24E-09	8.24E-16	4.12E-09	9.85E-11	7.26E-11	2.02E-10	6.65E-10	3.93E-09	6.29E-11	1.42E-09	7.21E-08	6.68E-09	8.60E-08
1968	NG_664	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.407	4.66E-07	8.66E-07	Not Modelled	3.57E-08	4.31E-10	2.05E-05	4.66E-08	9.31E-09	9.31E-16	4.66E-09	1.11E-10	8.21E-11	2.28E-10	7.52E-10	4.45E-09	7.11E-11	1.61E-09	8.15E-08	7.55E-09	9.72E-08
1969	NG_665	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.407	5.31E-07	9.86E-07	Not Modelled	3.99E-08	4.91E-10	2.33E-05	5.30E-08	1.06E-08	1.06E-15	5.31E-09	1.27E-10	9.35E-11	2.60E-10	8.57E-10	5.06E-09	8.10E-11	1.83E-09	9.29E-08	8.61E-09	1.11E-07
1970	NG_666	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.407	6.19E-07	1.15E-06	Not Modelled	4.60E-08	5.72E-10	2.72E-05	6.19E-08	1.24E-08	1.24E-15	6.19E-09	1.48E-10	1.09E-10	3.03E-10	9.99E-10	5.91E-09	9.44E-11	2.13E-09	1.08E-07	1.00E-08	1.29E-07
1971	NG_667	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.407	7.36E-07	1.37E-06	Not Modelled	5.43E-08	6.81E-10	3.24E-05	7.36E-08	1.47E-08	1.47E-15	7.36E-09	1.76E-10	1.30E-10	3.61E-10	1.19E-09	7.03E-09	1.12E-10	2.54E-09	1.29E-07	1.19E-08	1.54E-07

AQIA DATA - SCENARIO 2 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
1972	NG_668	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.407	8.75E-07	1.63E-06	Not Modelled	6.43E-08	8.09E-10	3.85E-05	8.75E-08	1.75E-08	1.75E-15	8.75E-09	2.09E-10	1.54E-10	4.29E-10	1.41E-09	8.35E-09	1.34E-10	3.01E-09	1.53E-07	1.42E-08	1.83E-07
1973	NG_669	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.407	1.02E-06	1.91E-06	Not Modelled	7.73E-08	9.43E-10	4.59E-05	1.02E-07	2.04E-08	2.04E-15	1.02E-08	2.44E-10	1.80E-10	4.99E-10	1.64E-09	9.72E-09	1.55E-10	3.51E-09	1.78E-07	1.65E-08	2.13E-07
1974	NG_670	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.407	1.19E-06	2.24E-06	Not Modelled	9.60E-08	1.10E-09	5.62E-05	1.19E-07	2.38E-08	2.38E-15	1.19E-08	2.85E-10	2.10E-10	5.83E-10	1.92E-09	1.14E-08	1.82E-10	4.10E-09	2.08E-07	1.93E-08	2.48E-07
1975	NG_671	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.407	1.41E-06	2.66E-06	Not Modelled	1.19E-07	1.30E-09	6.94E-05	1.41E-07	2.82E-08	2.82E-15	1.41E-08	3.37E-10	2.48E-10	6.91E-10	2.28E-09	1.35E-08	2.15E-10	4.86E-09	2.47E-07	2.29E-08	2.94E-07
2002	NG_698	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.457	2.42E-07	4.48E-07	Not Modelled	1.80E-08	2.24E-10	1.06E-05	2.42E-08	4.83E-09	4.83E-16	2.42E-09	5.78E-11	4.26E-11	1.19E-10	3.90E-10	2.31E-09	3.69E-11	8.33E-10	4.23E-08	3.92E-09	5.04E-08
2003	NG_699	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.457	2.62E-07	4.85E-07	Not Modelled	2.01E-08	2.41E-10	1.16E-05	2.61E-08	5.22E-09	5.22E-16	2.61E-09	6.24E-11	4.60E-11	1.28E-10	4.21E-10	2.49E-09	3.98E-11	9.00E-10	4.57E-08	4.23E-09	5.45E-08
2004	NG_700	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.457	2.82E-07	5.23E-07	Not Modelled	2.23E-08	2.61E-10	1.26E-05	2.82E-08	5.63E-09	5.63E-16	2.82E-09	6.74E-11	4.96E-11	1.38E-10	4.55E-10	2.69E-09	4.30E-11	9.71E-10	4.93E-08	4.57E-09	5.88E-08
2005	NG_701	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.457	3.07E-07	5.68E-07	Not Modelled	2.45E-08	2.83E-10	1.38E-05	3.06E-08	6.12E-09	6.12E-16	3.06E-09	7.32E-11	5.39E-11	1.50E-10	4.94E-10	2.92E-09	4.67E-11	1.05E-09	5.36E-08	4.97E-09	6.39E-08
2006	NG_702	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.457	3.37E-07	6.25E-07	Not Modelled	2.72E-08	3.12E-10	1.52E-05	3.37E-08	6.74E-09	6.74E-16	3.37E-09	8.06E-11	5.94E-11	1.65E-10	5.44E-10	3.22E-09	5.14E-11	1.16E-09	5.90E-08	5.47E-09	7.03E-08
2007	NG_703	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.457	3.75E-07	6.96E-07	Not Modelled	3.04E-08	3.47E-10	1.70E-05	3.75E-08	7.50E-09	7.50E-16	3.75E-09	8.97E-11	6.61E-11	1.84E-10	6.06E-10	3.58E-09	5.73E-11	1.29E-09	6.57E-08	6.08E-09	7.83E-08
2009	NG_705	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.457	4.76E-07	8.81E-07	Not Modelled	3.78E-08	4.40E-10	2.13E-05	4.76E-08	9.51E-09	9.51E-16	4.76E-09	1.14E-10	8.39E-11	2.33E-10	7.68E-10	4.54E-09	7.26E-11	1.64E-09	8.33E-08	7.72E-09	9.93E-08
2010	NG_706	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.457	5.45E-07	1.01E-06	Not Modelled	4.28E-08	5.04E-10	2.44E-05	5.45E-08	1.09E-08	1.09E-15	5.45E-09	1.30E-10	9.60E-11	2.67E-10	8.79E-10	5.20E-09	8.31E-11	1.88E-09	9.53E-08	8.84E-09	1.14E-07
2011	NG_707	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.457	6.42E-07	1.19E-06	Not Modelled	5.02E-08	5.93E-10	2.88E-05	6.41E-08	1.28E-08	1.28E-15	6.42E-09	1.53E-10	1.13E-10	3.15E-10	1.04E-09	6.12E-09	9.79E-11	2.21E-09	1.12E-07	1.04E-08	1.34E-07
2012	NG_708	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.457	7.71E-07	1.42E-06	Not Modelled	6.03E-08	7.13E-10	3.47E-05	7.71E-08	1.54E-08	1.54E-15	7.71E-09	1.84E-10	1.36E-10	3.78E-10	1.24E-09	7.36E-09	1.18E-10	2.66E-09	1.35E-07	1.25E-08	1.61E-07
2013	NG_709	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.457	9.23E-07	1.71E-06	Not Modelled	7.28E-08	8.54E-10	4.18E-05	9.23E-08	1.84E-08	1.84E-15	9.23E-09	2.21E-10	1.63E-10	4.52E-10	1.49E-09	8.81E-09	1.41E-10	3.18E-09	1.62E-07	1.50E-08	1.93E-07
2014	NG_710	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.457	1.08E-06	2.01E-06	Not Modelled	9.06E-08	1.00E-09	5.07E-05	1.08E-07	2.16E-08	2.16E-15	1.08E-08	2.59E-10	1.91E-10	5.31E-10	1.75E-09	1.03E-08	1.65E-10	3.73E-09	1.89E-07	1.76E-08	2.26E-07
2015	NG_711	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.457	1.32E-06	2.45E-06	Not Modelled	1.19E-07	1.22E-09	6.48E-05	1.32E-07	2.63E-08	2.63E-15	1.32E-08	3.15E-10	2.32E-10	6.45E-10	2.12E-09	1.26E-08	2.01E-10	4.54E-09	2.30E-07	2.13E-08	2.75E-07
2016	NG_712	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.457	1.67E-06	3.12E-06	Not Modelled	1.58E-07	1.55E-09	8.49E-05	1.67E-07	3.34E-08	3.34E-15	1.67E-08	3.99E-10	2.94E-10	8.19E-10	2.70E-09	1.59E-08	2.55E-10	5.76E-09	2.92E-07	2.71E-08	3.48E-07
2043	NG_739	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.507	2.43E-07	4.49E-07	Not Modelled	1.85E-08	2.24E-10	1.07E-05	2.42E-08	4.84E-09	4.84E-16	2.42E-09	5.79E-11	4.27E-11	1.19E-10	3.91E-10	2.31E-09	3.70E-11	8.35E-10	4.24E-08	3.93E-09	5.05E-08
2044	NG_740	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.507	2.62E-07	4.85E-07	Not Modelled	2.06E-08	2.42E-10	1.17E-05	2.61E-08	5.23E-09	5.23E-16	2.62E-09	6.25E-11	4.61E-11	1.28E-10	4.22E-10	2.50E-09	3.99E-11	9.01E-10	4.58E-08	4.24E-09	5.46E-08
2045	NG_741	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.507	2.83E-07	5.24E-07	Not Modelled	2.28E-08	2.62E-10	1.28E-05	2.83E-08	5.65E-09	5.65E-16	2.83E-09	6.76E-11	4.98E-11	1.39E-10	4.56E-10	2.70E-09	4.32E-11	9.74E-10	4.95E-08	4.59E-09	5.90E-08
2046	NG_742	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.507	3.08E-07	5.71E-07	Not Modelled	2.51E-08	2.85E-10	1.39E-05	3.08E-08	6.16E-09	6.16E-16	3.08E-09	7.37E-11	5.43E-11	1.51E-10	4.97E-10	2.94E-09	4.70E-11	1.06E-09	5.39E-08	5.00E-09	6.43E-08
2047	NG_743	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.507	3.40E-07	6.28E-07	Not Modelled	2.78E-08	3.14E-10	1.54E-05	3.39E-08	6.78E-09	6.78E-16	3.39E-09	8.11E-11	5.98E-11	1.66E-10	5.48E-10	3.24E-09	5.18E-11	1.17E-09	5.94E-08	5.50E-09	7.08E-08
2049	NG_745	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.507	4.27E-07	7.88E-07	Not Modelled	3.47E-08	3.95E-10	1.93E-05	4.26E-08	8.53E-09	8.53E-16	4.27E-09	1.02E-10	7.52E-11	2.09E-10	6.89E-10	4.07E-09	6.51E-11	1.47E-09	7.47E-08	6.92E-09	8.90E-08
2050	NG_746	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.507	4.85E-07	8.94E-07	Not Modelled	3.90E-08	4.48E-10	2.18E-05	4.84E-08	9.68E-09	9.68E-16	4.84E-09	1.16E-10	8.54E-11	2.37E-10	7.82E-10	4.62E-09	7.39E-11	1.67E-09	8.48E-08	7.86E-09	1.01E-07
2051	NG_747	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.507	5.57E-07	1.03E-06	Not Modelled	4.45E-08	5.15E-10	2.51E-05	5.57E-08	1.11E-08	1.11E-15	5.57E-09	1.33E-10	9.82E-11	2.73E-10	8.99E-10	5.32E-09	8.50E-11	1.92E-09	9.75E-08	9.04E-09	1.16E-07
2052	NG_748	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.507	6.61E-07	1.22E-06	Not Modelled	5.29E-08	6.11E-10	2.99E-05	6.61E-08	1.32E-08	1.32E-15	6.61E-09	1.58E-10	1.16E-10	3.24E-10	1.07E-09	6.31E-09	1.01E-10	2.28E-09	1.16E-07	1.07E-08	1.38E-07
2053	NG_749	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.507	8.03E-07	1.48E-06	Not Modelled	6.45E-08	7.42E-10	3.66E-05	8.02E-08	1.60E-08	1.60E-15	8.03E-09	1.92E-10	1.41E-10	3.93E-10	1.30E-09	7.66E-09	1.22E-10	2.77E-09	1.40E-07	1.30E-08	1.67E-07
2054	NG_750	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.507	9.62E-07	1.77E-06	Not Modelled	7.88E-08	8.90E-10	4.44E-05	9.62E-08	1.92E-08	1.92E-15	9.62E-09	2.30E-10	1.70E-10	4.72E-10	1.55E-09	9.18E-09	1.47E-10	3.32E-09	1.68E-07	1.56E-08	2.01E-07
2055	NG_751	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.507	1.13E-06	2.09E-06	Not Modelled	1.01E-07	1.05E-09	5.47E-05	1.13E-07	2.27E-08	2.27E-15	1.13E-08	2.71E-10	2.00E-10	5.56E-10	1.83E-09	1.08E-08	1.73E-10	3.91E-09	1.98E-07	1.84E-08	2.36E-07
2056	NG_752	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.507	1.40E-06	2.59E-06	Not Modelled	1.37E-07	1.29E-09	7.16E-05	1.40E-07	2.80E-08	2.80E-15	1.40E-08	3.34E-10	2.46E-10	6.86E-10	2.26E-09	1.33E-08	2.13E-10	4.82E-09	2.45E-07	2.27E-08	2.92E-07
2057	NG_753	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.507	1.83E-06	3.39E-06	Not Modelled	1.91E-07	1.69E-09	9.72E-05	1.83E-07	3.66E-08	3.66E-15	1.83E-08	4.38E-10	3.22E-10	8.97E-10	2.95E-09	1.75E-08	2.79E-10	6.31E-09	3.20E-07	2.97E-08	3.82E-07
2085	NG_781	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.557	2.60E-07	4.81E-07	Not Modelled	2.07E-08	2.40E-10	1.17E-05	2.60E-08	5.19E-09	5.19E-16	2.60E-09	6.21E-11	4.58E-11	1.27E-10	4.19E-10	2.48E-09	3.96E-11	8.95E-10	4.55E-08	4.21E-09	5.42E-08
2086	NG_782	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.557	2.82E-07	5.21E-07	Not Modelled	2.29E-08	2.61E-10	1.27E-05	2.82E-08	5.63E-09	5.63E-16	2.82E-09	6.74E-11	4.96E-11	1.38E-10	4.55E-10	2.69E-09	4.30E-11	9.71E-10	4.93E-08	4.57E-09	5.88E-08
2088	NG_784	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.557	3.40E-07	6.28E-07	Not Modelled	2.79E-08	3.14E-10	1.54E-05	3.40E-08	6.80E-09	6.80E-16	3.40E-09	8.13E-11	5.99E-11	1.67E-10	5.49E-10	3.24E-09	5.19E-11	1.17E-09	5.95E-08	5.51E-09	7.09E-08
2089	NG_785	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.557	3.81E-07	7.02E-07	Not Modelled	3.12E-08	3.52E-10	1.73E-05	3.80E-08	7.60E-09	7.60E-16	3.80E-09	9.10E-11	6.70E-11	1.86E-10	6.14E-10	3.63E-09	5.81E-11	1.31E-09	6.66E-08	6.17E-09	7.94E-08
2090	NG_786	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.557	4.30E-07	7.91E-07	Not Modelled	3.49E-08	3.97E-10	1.94E-05	4.29E-08	8.59E-09	8.59E-16	4.29E-09	1.03E-10	7.57E-11	2.11E-10	6.93E-10	4.10E-09	6.55E-11	1.48E-09	7.52E-08	6.97E-09	8.96E-08
2091	NG_787	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.557	4.89E-07	9.00E-07	Not Modelled	3.93E-08	4.53E-10	2.20E-05	4.89E-08	9.78E-09	9.78E-16	4.89E-09	1.17E-10	8.62E-11	2.40E-10	7.90E-10	4.67E-09	7.47E-11	1.69E-09	8.56E-08	7.93E-09	1.02E-07
2092	NG_788	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.557	5.66E-07	1.04E-06	Not Modelled	4.50E-08	5.23E-10	2.54E-05	5.65E-08	1.13E-08	1.13E-15	5.66E-09	1.35E-10	9.97E-11	2.77E-10	9.13E-10	5.40E-09	8.63E-11	1.95E-09	9.90E-08	9.17E-09	1.18E-07
2093	NG_789	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.557	6.76E-07	1.24E-06	Not Modelled	5.38E-08	6.25E-10	3.06E-05	6.75E-08	1.35E-08	1.35E-15	6.76E-09	1.62E-10	1.19E-10	3.31E-10	1.09E-09	6.45E-09	1.03E-10	2.33E-09	1.18E-07	1.10E-08	1.41E-07
2094	NG_790	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.557	8.24E-07	1.51E-06	Not Modelled	6.60E-08	7.62E-10	3.77E-05	8.24E-08	1.65E-08	1.65E-15	8.24E-09	1.97E-10	1.45E-10	4.04E-10	1.33E-09	7.86E-09	1.26E-10	2.84E-09	1.44E-07	1.34E-08	1.72E-07
2095	NG_791	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.557	9.91E-07	1.81E-06	Not Modelled	8.12E-08	9.17E-10	4.59E-05	9.91E-08	1.98E-08	1.98E-15	9.91E-09	2.37E-10	1.75E-10	4.86E-10	1.60E-09	9.46E-09	1.51E-10	3.41E-09	1.73E-07	1.61E-08	2.07E-07
2096	NG_792	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.557	1.17E-06	2.15E-06	Not Modelled	1.05E-07	1.08E-09	5.71E-05	1.17E-07	2.34E-08	2.34E-15	1.17E-08	2.80E-10	2.06E-10	5.73E-10	1.89E-09	1.12E-08	1.78E-10	4.03E-09	2.05E-07	1.90E-08	2.44E-07
2097	NG_793	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.557	1.44E-06	2.66E-06	Not Modelled	1.45E-07	1.34E-09	7.55E-05	1.44E-07	2.89E-08	2.89E-15	1.45E-08	3.46E-10	2.55E-10	7.08E-10	2.33E-09	1.38E-08	2.21E-10	4.98E-09	2.53E-07	2.34E-08	3.02E-07
2098	NG_794	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.557	1.89E-06	3.48E-06	Not Modelled	2.05E-07	1.75E-09	1.04E-04	1.89E-07	3.78E-08	3.78E-15	1.89E-08	4.52E-10	3.33E-10	9.27E-10	3.05E-09	1.80E-08	2.88E-10	6.51E-09	3.31E-07	3.07E-08	3.94E-07
2099	NG_795	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.557	2.48E-06	4.58E-06	Not Modelled	2.82E-07	2.30E-09	1.39E-04	2.48E-07	4.96E-08	4.96E-15	2.48E-08	5.93E-10	4.37E-10	1.22E-09	4.00E-09	2.37E-08	3.79E-10	8.55E-09	4.34E-07	4.02E-08	5.18E-07
2125	NG_821	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.607	2.40E-07	4.42E-07	Not Modelled	1.87E-08	2.21E-10	1.06E-05	2.39E-08	4.78E-09	4.78E-16	2.39E-09	5.72E-11	4.21E-11	1.17E-10	3.86E-10	2.28E-09	3.65E-11	8.24E-10	4.19E-08	3.88E-09	4.99E-08
2126	NG_822	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.607	2.59E-07	4.78E-07	Not Modelled	2.07E-08	2.39E-10	1.16E-05	2.59E-08	5.17E-09	5.17E-16	2.59E-09	6.19E-11	4.56E-11	1.27E-10	4.18E-10	2.47E-09	3.95E-11	8.92E-10	4.53E-08	4.20E-09	5.40E-08
2127	NG_823	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.607	2.82E-07	5.21E-07	Not Modelled	2.29E-08	2.60E-10	1.27E-05	2.81E-08	5.63E-09	5.63E-16	2.82E-09	6.73E-11	4.96E-11	1.38E-10	4.55E-10	2.69E-09	4.30E-11	9.70E-10	4.93E-08	4.57E-09	5.87E-08
2128	NG_824	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.607	3.09E-07	5.70E-07	Not Modelled	2.53E-08	2.85E-10	1.40E-05	3.08E-08	6.17E-09	6.17E-16	3.09E-09	7.38E-11	5.44E-11	1.51E-10	4.98E-10	2.94E-09	4.71E-11	1.06E-09	5.40E-08	5.00E-09	6.44E-08
2129	NG_825	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.607	3.41E-07	6.28E-07	Not Modelled	2.78E-08	3.15E-10	1.54E-05	3.40E-08	6.81E-09	6.81E-16	3.40E-09	8.14E-11	6.00E-11	1.67E-10	5.50E-10	3.25E-09	5.20E-11	1.17E-09	5.96E-08	5.52E-09	7.10E-08
2130	NG_826	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.607	3.81E-07	7.02E-07	Not Modelled	3.10E-08	3.52E-10	1.72E-05	3.81E-08	7.61E-09	7.61E-16	3.81E-09	9.11E-11	6.71E-11	1.87E-10	6.15E-10	3.64E-09	5.81E-11	1.31E-09	6.67E-08	6.18E-09	7.95E-08
2131	NG_827	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.607	4.32E-07	7.95E-07	Not Modelled	3.47E-08	4.00E-10	1.95E-05	4.32E-08	8.64E-09	8.64E-16	4.32E-09	1.03E-10	7.61E-11	2.12E-10	6.98E-10	4.12E-09	6.59E-11	1.49E-09	7.56E-08	7.01E-09	9.01E-08
2132	NG_828	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.607	4.95E-07	9.09E-07	Not Modelled	3.91E-08	4.58E-10	2.23E-05	4.95E-08	9.89E-09	9.89E-16	4.95E-09	1.18E-10	8.72E-11	2.43E-10	7.99E-10	4.72E-09	7.55E-11	1.71E-09	8.66E-08	8.03E-09	1.03E-07
2133	NG_829	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.607	5.73E-07	1.05E-06	Not Modelled	4.46E-08	5.30E-10	2.58E-05	5.73E-08	1.15E-08	1.15E-15	5.73E-09	1.37E-10	1.01E-10	2.81E-10	9.25E-10	5.47E-09	8.75E-11	1.97E-09	1.00E-07	9.30E-09	1.20E-07
2134	NG_830	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.607	6.84E-07	1.25E-06	Not Modelled	5.30E-08	6.32E-10	3.09E-05	6.83E-08	1.37E-08	1.37E-15	6.84E-09	1.63E-10	1.20E-10	3.35E-10	1.10E-09	6.52E-09	1.04E-10	2.36E-09	1.20E-07	1.11E-08	1.43E-07
2135	NG_831	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.607	8.33E-07	1.52E-06	Not Modelled	6.49E-08	7.71E-10	3.81E-05	8.33E-08	1.67E-08	1.67E-15	8.33E-09	1.99E-10	1.47E-10	4.08E-10	1.34E-09	7.95E-09	1.27E-10	2.87E-09	1.46E-07	1.35E-08	1.74E-07
2136	NG_832	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.607	1.01E-06	1.84E-06	Not Modelled	8.01E-08	9.31E-10	4.68E-05	1.01E-07	2.01E-08	2.01E-15	1.01E-08	2.41E-10	1.77E-10	4.93E-10	1.62E-09	9.60E-09	1.54E-10	3.47E-09	1.76E-07	1.63E-08	2.10E-07
2137	NG_833	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.607	1.19E-06	2.18E-06	Not Modelled	1.03E-07	1.10E-09	5.83E-05	1.19E-07	2.38E-08	2.38E-15	1.19E-08	2.84E-10	2.09E-10	5.83E-10	1.92E-09	1.13E-08	1.81E-10	4.10E-09	2.08E-07	1.93E-08	2.48E-07
2138	NG_834	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.607	1.45E-06	2.66E-06	Not Modelled	1.41E-07	1.34E-09	7.64E-05	1.45E-07	2.90E-08	2.90E-15	1.45E-08	3.46E-10	2.55E-10	7.10E-10	2.34E-09	1.38E-08	2.21E-10	4.99E-09	2.53E-07	2.35E-08	3.02E-07
2139	NG_835	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.607	1.85E-06	3.40E-06	Not Modelled	1.96E-07	1.71E-09	1.03E-04	1.85E-07	3.69E-08	3.69E-15	1.85E-08	4.42E-10	3.25E-10	9.05E-10	2.98E-09	1.76E-08	2.82E-10	6.36E-09	3.23E-07	3.00E-08	3.85E-07
2140	NG_836	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.607	2.36E-06	4.34E-06	Not Modelled	2.63E-07	2.18E-09	1.36E-04	2.36E-07	4.71E-08	4.71E-15	2.36E-08	5.63E-10	4.15E-10	1.16E-09	3.80E-09	2.25E-08	3.60E-10	8.12E-09	4.12E-07	3.82E-08	4.92E-07
2141	NG_837	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.607	3.08E-06	5.69E-06	Not Modelled	3.69E-07	2.85E-09	1.88E-04	3.08E-07	6.16E-08	6.16E-15	3.08E-08	7.37E-10	5.43E-10	1.51E-09	4.98E-09	2.94E-08	4.71E-10	1.06E-08	5.40E-07	5.00E-08	6.43E-07
2166	NG_862	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.657	2.40E-07	4.43E-07	Not Modelled	1.87E-08	2.22E-10	1.06E-05	2.40E-08	4.79E-09	4.79E-16	2.40E-09	5.73E-11	4.22E-11	1.18E-10	3.87E-10	2.29E-09	3.66E-11	8.26E-10	4.20E-08	3.89E-09	5.00E-08
2167	NG_863	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.657	2.60E-07	4.79E-07	Not Modelled	2.07E-08	2.40E-10	1.16E-05	2.59E-08	5.18E-09	5.18E-16	2.59E-09	6.20E-11	4.57E-11	1.27E-10	4.18E-10	2.47E-09	3.96E-11	8.93E-10	4.54E-08	4.20E-09	5.41E-08
2168	NG_864	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.657	2.82E-07	5.20E-07	Not Modelled	2.28E-08	2.61E-10	1.27E-05	2.82E-08	5.63E-09	5.63E-16	2.82E-09	6.74E-11	4.96E-11	1.38E-10	4.55E-10	2.69E-09	4.30E-11	9.71E-10	4.93E-08	4.57E-09	5.88E-08
2169	NG_865	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.657	3.09E-07	5.69E-07	Not Modelled	2.50E-08	2.86E-10	1.39E-05	3.09E-08	6.17E-09	6.17E-16	3.09E-09	7.38E-11	5.44E-11	1.51E-10	4.98E-10	2.95E-09	4.71E-11	1.06E-09	5.40E-08	5.01E-09	6.44E-08
2170	NG_866	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.657	3.41E-07	6.28E-07	Not Modelled	2.75E-08	3.15E-10	1.53E-05	3.41E-08	6.82E-09	6.82E-16	3.41E-09	8.15E-11	6.01E-11	1.67E-10	5.50E-10	3.25E-09	5.20E-11	1.17E-09	5.97E-08	5.53E-09	7.11E-08
2171	NG_867	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.657	3.81E-07	7.00E-07	Not Modelled	3.04E-08	3.53E-10	1.71E-05	3.81E-08	7.62E-09	7.62E-16	3.81E-09	9.12E-11	6.72E-11	1.87E-10	6.15E-10	3.64E-09	5.82E-11	1.31E-09	6.67E-08	6.18E-09	7.95E-08
2172	NG_868	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.657	4.32E-07	7.93E-07	Not Modelled	3.39E-08	4.00E-10	1.93E-05	4.32E-08	8.64E-09	8.64E-16	4.32E-09	1.03E-10	7.62E-11	2.12E-10	6.98E-10	4.13E-09	6.60E-11	1.49E-09	7.57E-08	7.01E-09	9.02E-08
2173	NG_869	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.657	4.97E-07	9.10E-07	Not Modelled	3.82E-08	4.59E-10	2.22E-05	4.97E-08	9.93E-09	9.93E-16	4.97E-09	1.19E-10	8.75E-11	2.44E-10	8.02E-10	4.74E-09	7.58E-11	1.71E-09	8.69E-08	8.06E-09	1.04E-07
2174	NG_870	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.657	5.75E-07	1.05E-06	Not Modelled	4.32E-08	5.32E-10	2.57E-05	5.75E-08	1.15E-08	1.15E-15	5.75E-09	1.38E-10	1.01E-10	2.82E-10	9.28E-10	5.49E-09	8.78E-11	1.98E-09	1.01E-07	9.33E-09	1.20E-07
2175	NG_871	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.657	6.80E-07	1.24E-06	Not Modelled	5.05E-08	6.29E-10	3.05E-05	6.80E-08	1.36E-08	1.36E-15	6.80E-09	1.63E-10	1.20E-10	3.33E-10	1.10E-09	6.49E-09	1.04E-10	2.34E-09	1.19E-07	1.10E-08	1.42E-07
2176	NG_872	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.657	8.23E-07	1.50E-06	Not Modelled	6.14E-08	7.61E-10	3.73E-05	8.23E-08	1.64E-08	1.64E-15	8.23E-09	1.97E-10	1.45E-10	4.03E-10	1.33E-09	7.85E-09	1.26E-10	2.84E-09	1.44E-07	1.33E-08	1.72E-07
2177	NG_873	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.657	9.96E-07	1.82E-06	Not Modelled	7.56E-08	9.21E-10	4.62E-05	9.95E-08	1.99E-08	1.99E-15	9.96E-09	2.38E-10	1.75E-10	4.88E-10	1.61E-09	9.50E-09	1.52E-10	3.43E-09	1.74E-07	1.61E-08	2.08E-07
2178	NG_874	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.657	1.17E-06	2.15E-06	Not Modelled	9.58E-08	1.08E-09	5.72E-05	1.17E-07	2.34E-08	2.34E-15	1.17E-08	2.80E-10	2.07E-10	5.75E-10	1.89E-09	1.12E-08	1.79E-10	4.04E-09	2.05E-07	1.90E-08	2.45E-07
2179	NG_875	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.657	1.39E-06	2.55E-06	Not Modelled	1.27E-07	1.28E-09	7.27E-05	1.39E-07	2.77E-08	2.77E-15	1.39E-08	3.32E-10	2.44E-10	6.80E-10	2.24E-09	1.32E-08	2.12E-10	4.78E-09	2.43E-07	2.25E-08	2.89E-07
2180	NG_876	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.657	1.69E-06	3.11E-06	Not Modelled	1.70E-07	1.56E-09	9.35E-05	1.69E-07	3.37E-08	3.37E-15	1.69E-08	4.03E-10	2.97E-10	8.27E-10	2.72E-09	1.61E-08	2.57E-10	5.81E-09	2.95E-07	2.73E-08	3.52E-07
2181	NG_877	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.657	2.08E-06	3.83E-06	Not Modelled	2.24E-07	1.92E-09	1.20E-04	2.07E-07	4.15E-08	4.15E-15	2.08E-08	4.96E-10	3.66E-10	1.02E-09	3.35E-09	1.98E-08	3.17E-10	7.15E-09	3.63E-07	3.37E-08	4.33E-07
2182	NG_878	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.657	2.58E-06	4.78E-06	Not Modelled	3.10E-07	2.39E-09	1.58E-04	2.58E-07	5.16E-08	5.16E-15	2.58E-08	6.17E-10	4.55E-10	1.27E-09	4.17E-09	2.46E-08	3.94E-10	8.89E-09	4.52E-07	4.19E-08	5.39E-07
2207	NG_903	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.707	2.42E-07	4.45E-07	Not Modelled	1.86E-08	2.23E-10	1.06E-05	2.41E-08	4.82E-09	4.82E-16	2.41E-09	5.77E-11	4.25E-11	1.18E-10	3.90E-10	2.30E-09	3.68E-11	8.32E-10	4.22E-08	3.91E-09	5.04E-08
2208	NG_904	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.707	2.61E-07	4.81E-07	Not Modelled	2.05E-08	2.41E-10	1.16E-05	2.61E-08	5.22E-09	5.22E-16	2.61E-09	6.24E-11	4.60E-11	1.28E-10	4.21E-10	2.49E-09	3.98E-11	8.99E-10	4.57E-08	4.23E-09	5.44E-08
2209	NG_905	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.707	2.83E-07	5.21E-07	Not Modelled	2.25E-08	2.62E-10	1.26E-05	2.83E-08	5.66E-09	5.66E-16	2.83E-09	6.77E-11	4.99E-11	1.39E-10	4.57E-10	2.70E-09	4.32E-11	9.75E-10	4.95E-08	4.59E-09	5.90E-08
2210	NG_906	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.707	3.10E-07	5.69E-07	Not Modelled	2.46E-08	2.86E-10	1.37E-05	3.09E-08	6.18E-09	6.18E-16	3.09E-09	7.40E-11	5.45E-11	1.52E-10	4.99E-10	2.95E-09	4.72E-11	1.07E-09	5.41E-08	5.02E-09	6.45E-08
2211	NG_907	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.707	3.42E-07	6.27E-07	Not Modelled	2.69E-08	3.16E-10	1.51E-05	3.42E-08	6.83E-09	6.83E-16	3.42E-09	8.17E-11	6.02E-11	1.67E-10	5.51E-10	3.26E-09	5.21E-11	1.18E-09	5.98E-08	5.54E-09	7.13E-08

AQIA DATA - SCENARIO 2 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2212	NG_908	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.707	3.81E-07	6.98E-07	Not Modelled	2.96E-08	3.52E-10	1.68E-05	3.81E-08	7.61E-09	7.61E-16	3.81E-09	9.11E-11	6.71E-11	1.87E-10	6.15E-10	3.64E-09	5.81E-11	1.31E-09	6.67E-08	6.18E-09	7.95E-08
2213	NG_909	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.707	4.32E-07	7.90E-07	Not Modelled	3.29E-08	3.99E-10	1.89E-05	4.32E-08	8.63E-09	8.63E-16	4.32E-09	1.03E-10	7.61E-11	2.12E-10	6.97E-10	4.12E-09	6.59E-11	1.49E-09	7.56E-08	7.00E-09	9.01E-08
2214	NG_910	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.707	4.95E-07	9.04E-07	Not Modelled	3.67E-08	4.58E-10	2.17E-05	4.94E-08	9.89E-09	9.89E-16	4.95E-09	1.18E-10	8.72E-11	2.43E-10	7.99E-10	4.72E-09	7.55E-11	1.70E-09	8.66E-08	8.02E-09	1.03E-07
2215	NG_911	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.707	5.71E-07	1.04E-06	Not Modelled	4.11E-08	5.28E-10	2.50E-05	5.70E-08	1.14E-08	1.14E-15	5.71E-09	1.36E-10	1.01E-10	2.80E-10	9.21E-10	5.45E-09	8.71E-11	1.97E-09	9.99E-08	9.25E-09	1.19E-07
2216	NG_912	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.707	6.64E-07	1.21E-06	Not Modelled	4.69E-08	6.14E-10	2.91E-05	6.64E-08	1.33E-08	1.33E-15	6.64E-09	1.59E-10	1.17E-10	3.26E-10	1.07E-09	6.34E-09	1.01E-10	2.29E-09	1.16E-07	1.08E-08	1.39E-07
2217	NG_913	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.707	7.94E-07	1.45E-06	Not Modelled	5.61E-08	7.35E-10	3.54E-05	7.94E-08	1.59E-08	1.59E-15	7.94E-09	1.90E-10	1.40E-10	3.89E-10	1.28E-09	7.58E-09	1.21E-10	2.74E-09	1.39E-07	1.29E-08	1.66E-07
2218	NG_914	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.707	9.55E-07	1.74E-06	Not Modelled	6.86E-08	8.83E-10	4.37E-05	9.55E-08	1.91E-08	1.91E-15	9.55E-09	2.28E-10	1.68E-10	4.68E-10	1.54E-09	9.11E-09	1.46E-10	3.29E-09	1.67E-07	1.55E-08	1.99E-07
2219	NG_915	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.707	1.11E-06	2.04E-06	Not Modelled	8.47E-08	1.03E-09	5.33E-05	1.11E-07	2.23E-08	2.23E-15	1.11E-08	2.67E-10	1.96E-10	5.46E-10	1.80E-09	1.06E-08	1.70E-10	3.84E-09	1.95E-07	1.81E-08	2.33E-07
2220	NG_916	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.707	1.27E-06	2.33E-06	Not Modelled	1.08E-07	1.17E-09	6.47E-05	1.27E-07	2.54E-08	2.54E-15	1.27E-08	3.04E-10	2.24E-10	6.22E-10	2.05E-09	1.21E-08	1.94E-10	4.37E-09	2.22E-07	2.06E-08	2.65E-07
2221	NG_917	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.707	1.47E-06	2.70E-06	Not Modelled	1.39E-07	1.36E-09	7.94E-05	1.47E-07	2.93E-08	2.93E-15	1.47E-08	3.51E-10	2.58E-10	7.19E-10	2.37E-09	1.40E-08	2.24E-10	5.05E-09	2.57E-07	2.38E-08	3.06E-07
2222	NG_918	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.707	1.75E-06	3.23E-06	Not Modelled	1.86E-07	1.62E-09	9.96E-05	1.75E-07	3.49E-08	3.49E-15	1.75E-08	4.18E-10	3.08E-10	8.56E-10	2.82E-09	1.67E-08	2.67E-10	6.02E-09	3.06E-07	2.83E-08	3.64E-07
2223	NG_919	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.707	2.15E-06	4.00E-06	Not Modelled	2.67E-07	1.99E-09	1.30E-04	2.15E-07	4.30E-08	4.30E-15	2.15E-08	5.15E-10	3.79E-10	1.06E-09	3.47E-09	2.05E-08	3.28E-10	7.42E-09	3.77E-07	3.49E-08	4.49E-07
2248	NG_944	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.757	2.43E-07	4.45E-07	Not Modelled	1.83E-08	2.24E-10	1.04E-05	2.42E-08	4.85E-09	4.85E-16	2.42E-09	5.80E-11	4.27E-11	1.19E-10	3.91E-10	2.31E-09	3.70E-11	8.35E-10	4.24E-08	3.93E-09	5.06E-08
2249	NG_945	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.757	2.62E-07	4.80E-07	Not Modelled	2.00E-08	2.42E-10	1.13E-05	2.62E-08	5.23E-09	5.23E-16	2.62E-09	6.26E-11	4.61E-11	1.28E-10	4.22E-10	2.50E-09	3.99E-11	9.02E-10	4.58E-08	4.24E-09	5.46E-08
2250	NG_946	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.757	2.84E-07	5.21E-07	Not Modelled	2.19E-08	2.63E-10	1.23E-05	2.84E-08	5.67E-09	5.67E-16	2.84E-09	6.79E-11	5.00E-11	1.39E-10	4.58E-10	2.71E-09	4.33E-11	9.78E-10	4.97E-08	4.60E-09	5.92E-08
2251	NG_947	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.757	3.10E-07	5.68E-07	Not Modelled	2.39E-08	2.87E-10	1.34E-05	3.10E-08	6.20E-09	6.20E-16	3.10E-09	7.41E-11	5.46E-11	1.52E-10	5.00E-10	2.96E-09	4.73E-11	1.07E-09	5.43E-08	5.03E-09	6.47E-08
2252	NG_948	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.757	3.42E-07	6.26E-07	Not Modelled	2.61E-08	3.16E-10	1.47E-05	3.42E-08	6.84E-09	6.84E-16	3.42E-09	8.18E-11	6.03E-11	1.68E-10	5.52E-10	3.26E-09	5.22E-11	1.18E-09	5.98E-08	5.55E-09	7.13E-08
2253	NG_949	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.757	3.81E-07	6.96E-07	Not Modelled	2.86E-08	3.53E-10	1.64E-05	3.81E-08	7.62E-09	7.62E-16	3.81E-09	9.12E-11	6.72E-11	1.87E-10	6.15E-10	3.64E-09	5.82E-11	1.31E-09	6.67E-08	6.18E-09	7.95E-08
2254	NG_950	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.757	4.30E-07	7.84E-07	Not Modelled	3.15E-08	3.98E-10	1.84E-05	4.30E-08	8.60E-09	8.60E-16	4.30E-09	1.03E-10	7.58E-11	2.11E-10	6.94E-10	4.11E-09	6.56E-11	1.48E-09	7.53E-08	6.98E-09	8.97E-08
2255	NG_951	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.757	4.90E-07	8.93E-07	Not Modelled	3.49E-08	4.54E-10	2.09E-05	4.90E-08	9.80E-09	9.80E-16	4.90E-09	1.17E-10	8.64E-11	2.40E-10	7.92E-10	4.68E-09	7.48E-11	1.69E-09	8.58E-08	7.95E-09	1.02E-07
2256	NG_952	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.757	5.62E-07	1.02E-06	Not Modelled	3.87E-08	5.20E-10	2.39E-05	5.62E-08	1.12E-08	1.12E-15	5.62E-09	1.34E-10	9.90E-11	2.75E-10	9.07E-10	5.36E-09	8.57E-11	1.94E-09	9.83E-08	9.11E-09	1.17E-07
2257	NG_953	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.757	6.48E-07	1.18E-06	Not Modelled	4.34E-08	5.99E-10	2.77E-05	6.48E-08	1.30E-08	1.30E-15	6.48E-09	1.55E-10	1.14E-10	3.18E-10	1.05E-09	6.18E-09	9.89E-11	2.23E-09	1.13E-07	1.05E-08	1.35E-07
2258	NG_954	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.757	7.59E-07	1.38E-06	Not Modelled	5.05E-08	7.02E-10	3.29E-05	7.59E-08	1.52E-08	1.52E-15	7.59E-09	1.82E-10	1.34E-10	3.72E-10	1.23E-09	7.24E-09	1.16E-10	2.62E-09	1.33E-07	1.23E-08	1.58E-07
2259	NG_955	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.757	8.93E-07	1.62E-06	Not Modelled	6.05E-08	8.26E-10	3.98E-05	8.93E-08	1.79E-08	1.79E-15	8.93E-09	2.14E-10	1.57E-10	4.38E-10	1.44E-09	8.53E-09	1.36E-10	3.08E-09	1.56E-07	1.45E-08	1.86E-07
2260	NG_956	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.757	1.03E-06	1.87E-06	Not Modelled	7.29E-08	9.51E-10	4.74E-05	1.03E-07	2.05E-08	2.05E-15	1.03E-08	2.46E-10	1.81E-10	5.04E-10	1.66E-09	9.81E-09	1.57E-10	3.54E-09	1.80E-07	1.67E-08	2.14E-07
2261	NG_957	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.757	1.14E-06	2.09E-06	Not Modelled	8.93E-08	1.06E-09	5.54E-05	1.14E-07	2.29E-08	2.29E-15	1.14E-08	2.73E-10	2.02E-10	5.61E-10	1.85E-09	1.09E-08	1.75E-10	3.94E-09	2.00E-07	1.85E-08	2.39E-07
2262	NG_958	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.757	1.28E-06	2.35E-06	Not Modelled	1.14E-07	1.18E-09	6.58E-05	1.28E-07	2.55E-08	2.55E-15	1.28E-08	3.05E-10	2.25E-10	6.26E-10	2.06E-09	1.22E-08	1.95E-10	4.40E-09	2.24E-07	2.07E-08	2.67E-07
2263	NG_959	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.757	1.49E-06	2.76E-06	Not Modelled	1.56E-07	1.38E-09	8.17E-05	1.49E-07	2.98E-08	2.98E-15	1.49E-08	3.57E-10	2.63E-10	7.32E-10	2.41E-09	1.42E-08	2.28E-10	5.14E-09	2.61E-07	2.42E-08	3.11E-07
2264	NG_960	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.757	1.82E-06	3.39E-06	Not Modelled	2.25E-07	1.68E-09	1.05E-04	1.82E-07	3.63E-08	3.63E-15	1.82E-08	4.35E-10	3.20E-10	8.91E-10	2.93E-09	1.73E-08	2.77E-10	6.26E-09	3.18E-07	2.95E-08	3.79E-07
2289	NG_985	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.807	2.43E-07	4.43E-07	Not Modelled	1.77E-08	2.24E-10	1.00E-05	2.42E-08	4.84E-09	4.84E-16	2.42E-09	5.79E-11	4.27E-11	1.19E-10	3.91E-10	2.31E-09	3.70E-11	8.35E-10	4.24E-08	3.93E-09	5.06E-08
2290	NG_986	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.807	2.61E-07	4.76E-07	Not Modelled	1.93E-08	2.41E-10	1.08E-05	2.61E-08	5.21E-09	5.21E-16	2.61E-09	6.23E-11	4.59E-11	1.28E-10	4.21E-10	2.49E-09	3.98E-11	8.98E-10	4.56E-08	4.23E-09	5.44E-08
2291	NG_987	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.807	2.83E-07	5.17E-07	Not Modelled	2.10E-08	2.62E-10	1.18E-05	2.83E-08	5.66E-09	5.66E-16	2.83E-09	6.77E-11	4.99E-11	1.39E-10	4.57E-10	2.70E-09	4.32E-11	9.76E-10	4.96E-08	4.59E-09	5.91E-08
2292	NG_988	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.807	3.11E-07	5.67E-07	Not Modelled	2.30E-08	2.88E-10	1.30E-05	3.11E-08	6.22E-09	6.22E-16	3.11E-09	7.44E-11	5.48E-11	1.52E-10	5.02E-10	2.97E-09	4.75E-11	1.07E-09	5.44E-08	5.04E-09	6.49E-08
2293	NG_989	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.807	3.42E-07	6.23E-07	Not Modelled	2.50E-08	3.17E-10	1.42E-05	3.42E-08	6.84E-09	6.84E-16	3.42E-09	8.18E-11	6.03E-11	1.68E-10	5.52E-10	3.27E-09	5.22E-11	1.18E-09	5.99E-08	5.55E-09	7.14E-08
2294	NG_990	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.807	3.80E-07	6.90E-07	Not Modelled	2.72E-08	3.51E-10	1.57E-05	3.80E-08	7.59E-09	7.59E-16	3.80E-09	9.08E-11	6.69E-11	1.86E-10	6.13E-10	3.63E-09	5.80E-11	1.31E-09	6.65E-08	6.16E-09	7.92E-08
2295	NG_991	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.807	4.27E-07	7.74E-07	Not Modelled	2.99E-08	3.95E-10	1.76E-05	4.27E-08	8.54E-09	8.54E-16	4.27E-09	1.02E-10	7.53E-11	2.09E-10	6.89E-10	4.08E-09	6.52E-11	1.47E-09	7.47E-08	6.93E-09	8.91E-08
2296	NG_992	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.807	4.88E-07	8.83E-07	Not Modelled	3.32E-08	4.51E-10	2.01E-05	4.88E-08	9.75E-09	9.75E-16	4.88E-09	1.17E-10	8.60E-11	2.39E-10	7.88E-10	4.66E-09	7.45E-11	1.68E-09	8.54E-08	7.91E-09	1.02E-07
2297	NG_993	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.807	5.55E-07	1.00E-06	Not Modelled	3.65E-08	5.13E-10	2.28E-05	5.55E-08	1.11E-08	1.11E-15	5.55E-09	1.33E-10	9.78E-11	2.72E-10	8.96E-10	5.30E-09	8.47E-11	1.91E-09	9.71E-08	9.00E-09	1.16E-07
2298	NG_994	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.807	6.33E-07	1.14E-06	Not Modelled	4.02E-08	5.86E-10	2.61E-05	6.33E-08	1.27E-08	1.27E-15	6.33E-09	1.51E-10	1.12E-10	3.11E-10	1.02E-09	6.05E-09	9.67E-11	2.18E-09	1.11E-07	1.03E-08	1.32E-07
2299	NG_995	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.807	7.24E-07	1.31E-06	Not Modelled	4.53E-08	6.70E-10	3.01E-05	7.24E-08	1.45E-08	1.45E-15	7.24E-09	1.73E-10	1.28E-10	3.55E-10	1.17E-09	6.91E-09	1.11E-10	2.50E-09	1.27E-07	1.17E-08	1.51E-07
2300	NG_996	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.807	8.35E-07	1.51E-06	Not Modelled	5.29E-08	7.72E-10	3.56E-05	8.35E-08	1.67E-08	1.67E-15	8.35E-09	2.00E-10	1.47E-10	4.09E-10	1.35E-09	7.97E-09	1.27E-10	2.88E-09	1.46E-07	1.35E-08	1.74E-07
2301	NG_997	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.807	9.49E-07	1.72E-06	Not Modelled	6.30E-08	8.78E-10	4.17E-05	9.49E-08	1.90E-08	1.90E-15	9.50E-09	2.27E-10	1.67E-10	4.65E-10	1.53E-09	9.06E-09	1.45E-10	3.27E-09	1.66E-07	1.54E-08	1.98E-07
2302	NG_998	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.807	1.06E-06	1.92E-06	Not Modelled	7.65E-08	9.79E-10	4.83E-05	1.06E-07	2.12E-08	2.12E-15	1.06E-08	2.53E-10	1.86E-10	5.19E-10	1.71E-09	1.01E-08	1.61E-10	3.65E-09	1.85E-07	1.72E-08	2.21E-07
2303	NG_999	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.807	1.18E-06	2.16E-06	Not Modelled	9.80E-08	1.09E-09	5.65E-05	1.18E-07	2.35E-08	2.35E-15	1.18E-08	2.82E-10	2.07E-10	5.77E-10	1.90E-09	1.12E-08	1.80E-10	4.06E-09	2.06E-07	1.91E-08	2.46E-07
2304	NG_1000	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.807	1.35E-06	2.49E-06	Not Modelled	1.34E-07	1.25E-09	6.88E-05	1.35E-07	2.69E-08	2.69E-15	1.35E-08	3.22E-10	2.37E-10	6.60E-10	2.17E-09	1.29E-08	2.06E-10	4.64E-09	2.36E-07	2.18E-08	2.81E-07
2305	NG_1001	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.807	1.57E-06	2.93E-06	Not Modelled	1.86E-07	1.46E-09	8.51E-05	1.57E-07	3.15E-08	3.15E-15	1.57E-08	3.76E-10	2.77E-10	7.71E-10	2.54E-09	1.50E-08	2.40E-10	5.42E-09	2.75E-07	2.55E-08	3.28E-07
2306	NG_1002	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.807	1.77E-06	3.31E-06	Not Modelled	2.42E-07	1.64E-09	9.90E-05	1.77E-07	3.53E-08	3.53E-15	1.77E-08	4.23E-10	3.11E-10	8.67E-10	2.85E-09	1.69E-08	2.70E-10	6.09E-09	3.09E-07	2.87E-08	3.69E-07
2330	NG_1026	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.857	2.43E-07	4.41E-07	Not Modelled	1.70E-08	2.25E-10	9.60E-06	2.43E-08	4.86E-09	4.86E-16	2.43E-09	5.82E-11	4.28E-11	1.19E-10	3.93E-10	2.32E-09	3.71E-11	8.38E-10	4.26E-08	3.94E-09	5.07E-08
2331	NG_1027	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.857	2.61E-07	4.74E-07	Not Modelled	1.84E-08	2.42E-10	1.03E-05	2.61E-08	5.22E-09	5.22E-16	2.61E-09	6.25E-11	4.60E-11	1.28E-10	4.22E-10	2.49E-09	3.99E-11	9.00E-10	4.57E-08	4.24E-09	5.45E-08
2332	NG_1028	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.857	2.85E-07	5.16E-07	Not Modelled	2.02E-08	2.63E-10	1.13E-05	2.84E-08	5.69E-09	5.69E-16	2.85E-09	6.80E-11	5.01E-11	1.39E-10	4.59E-10	2.72E-09	4.34E-11	9.81E-10	4.98E-08	4.61E-09	5.94E-08
2333	NG_1029	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.857	3.12E-07	5.65E-07	Not Modelled	2.20E-08	2.89E-10	1.24E-05	3.12E-08	6.24E-09	6.24E-16	3.12E-09	7.46E-11	5.50E-11	1.53E-10	5.04E-10	2.98E-09	4.76E-11	1.08E-09	5.46E-08	5.06E-09	6.51E-08
2334	NG_1030	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.857	3.44E-07	6.20E-07	Not Modelled	2.39E-08	3.18E-10	1.36E-05	3.43E-08	6.86E-09	6.86E-16	3.43E-09	8.21E-11	6.05E-11	1.68E-10	5.54E-10	3.28E-09	5.24E-11	1.18E-09	6.01E-08	5.57E-09	7.16E-08
2335	NG_1031	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.857	3.79E-07	6.83E-07	Not Modelled	2.58E-08	3.51E-10	1.48E-05	3.79E-08	7.58E-09	7.58E-16	3.79E-09	9.07E-11	6.68E-11	1.86E-10	6.12E-10	3.62E-09	5.79E-11	1.31E-09	6.63E-08	6.15E-09	7.91E-08
2336	NG_1032	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.857	4.26E-07	7.65E-07	Not Modelled	2.82E-08	3.94E-10	1.66E-05	4.26E-08	8.51E-09	8.51E-16	4.26E-09	1.02E-10	7.50E-11	2.09E-10	6.87E-10	4.06E-09	6.50E-11	1.47E-09	7.45E-08	6.90E-09	8.88E-08
2337	NG_1033	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.857	4.85E-07	8.71E-07	Not Modelled	3.12E-08	4.49E-10	1.90E-05	4.85E-08	9.70E-09	9.70E-16	4.85E-09	1.16E-10	8.55E-11	2.38E-10	7.83E-10	4.63E-09	7.41E-11	1.67E-09	8.49E-08	7.87E-09	1.01E-07
2338	NG_1034	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.857	5.52E-07	9.90E-07	Not Modelled	3.44E-08	5.11E-10	2.17E-05	5.52E-08	1.10E-08	1.10E-15	5.52E-09	1.32E-10	9.73E-11	2.71E-10	8.91E-10	5.27E-09	8.43E-11	1.90E-09	9.67E-08	8.96E-09	1.15E-07
2339	NG_1035	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.857	6.23E-07	1.11E-06	Not Modelled	3.73E-08	5.76E-10	2.43E-05	6.22E-08	1.24E-08	1.24E-15	6.23E-09	1.49E-10	1.10E-10	3.05E-10	1.01E-09	5.94E-09	9.50E-11	2.15E-09	1.09E-07	1.01E-08	1.30E-07
2340	NG_1036	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.857	7.02E-07	1.25E-06	Not Modelled	4.09E-08	6.50E-10	2.74E-05	7.02E-08	1.40E-08	1.40E-15	7.02E-09	1.68E-10	1.24E-10	3.44E-10	1.13E-09	6.70E-09	1.07E-10	2.42E-09	1.23E-07	1.14E-08	1.47E-07
2341	NG_1037	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.857	7.98E-07	1.43E-06	Not Modelled	4.66E-08	7.38E-10	3.18E-05	7.98E-08	1.60E-08	1.60E-15	7.98E-09	1.91E-10	1.41E-10	3.91E-10	1.29E-09	7.62E-09	1.22E-10	2.75E-09	1.40E-07	1.29E-08	1.67E-07
2342	NG_1038	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.857	9.06E-07	1.63E-06	Not Modelled	5.53E-08	8.38E-10	3.71E-05	9.06E-08	1.81E-08	1.81E-15	9.06E-09	2.17E-10	1.60E-10	4.44E-10	1.46E-09	8.65E-09	1.38E-10	3.12E-09	1.59E-07	1.47E-08	1.89E-07
2343	NG_1039	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.857	1.02E-06	1.85E-06	Not Modelled	6.82E-08	9.48E-10	4.34E-05	1.02E-07	2.05E-08	2.05E-15	1.02E-08	2.45E-10	1.81E-10	5.02E-10	1.65E-09	9.78E-09	1.56E-10	3.53E-09	1.79E-07	1.66E-08	2.14E-07
2344	NG_1040	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.857	1.15E-06	2.10E-06	Not Modelled	8.76E-08	1.07E-09	5.09E-05	1.15E-07	2.30E-08	2.30E-15	1.15E-08	2.75E-10	2.03E-10	5.65E-10	1.86E-09	1.10E-08	1.76E-10	3.97E-09	2.02E-07	1.87E-08	2.40E-07
2345	NG_1041	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.857	1.29E-06	2.37E-06	Not Modelled	1.16E-07	1.19E-09	6.01E-05	1.29E-07	2.58E-08	2.58E-15	1.29E-08	3.09E-10	2.27E-10	6.33E-10	2.08E-09	1.23E-08	1.97E-10	4.45E-09	2.26E-07	2.09E-08	2.69E-07
2346	NG_1042	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.857	1.43E-06	2.64E-06	Not Modelled	1.52E-07	1.32E-09	7.04E-05	1.43E-07	2.85E-08	2.85E-15	1.43E-08	3.41E-10	2.52E-10	7.00E-10	2.30E-09	1.36E-08	2.18E-10	4.92E-09	2.50E-07	2.31E-08	2.98E-07
2347	NG_1043	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6367.857	1.52E-06	2.83E-06	Not Modelled	1.86E-07	1.41E-09	7.81E-05	1.52E-07	3.04E-08	3.04E-15	1.52E-08	3.64E-10	2.68E-10	7.47E-10	2.46E-09	1.45E-08	2.32E-10	5.25E-09	2.67E-07	2.47E-08	3.18E-07
2371	NG_1067	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.907	2.47E-07	4.45E-07	Not Modelled	1.64E-08	2.28E-10	9.29E-06	2.47E-08	4.93E-09	4.93E-16	2.47E-09	5.90E-11	4.35E-11	1.21E-10	3.98E-10	2.36E-09	3.77E-11	8.50E-10	4.32E-08	4.00E-09	5.15E-08
2372	NG_1068	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.907	2.65E-07	4.77E-07	Not Modelled	1.77E-08	2.45E-10	9.97E-06	2.65E-08	5.30E-09	5.30E-16	2.65E-09	6.34E-11	4.67E-11	1.30E-10	4.28E-10	2.53E-09	4.04E-11	9.13E-10	4.64E-08	4.30E-09	5.53E-08
2373	NG_1069	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.907	2.88E-07	5.18E-07	Not Modelled	1.93E-08	2.67E-10	1.09E-05	2.88E-08	5.76E-09	5.76E-16	2.88E-09	6.89E-11	5.08E-11	1.41E-10	4.65E-10	2.75E-09	4.40E-11	9.93E-10	5.04E-08	4.67E-09	6.01E-08
2374	NG_1070	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.907	3.16E-07	5.67E-07	Not Modelled	2.10E-08	2.92E-10	1.19E-05	3.16E-08	6.31E-09	6.31E-16	3.16E-09	7.55E-11	5.56E-11	1.55E-10	5.10E-10	3.01E-09	4.82E-11	1.09E-09	5.53E-08	5.12E-09	6.59E-08
2375	NG_1071	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.907	3.47E-07	6.21E-07	Not Modelled	2.27E-08	3.21E-10	1.30E-05	3.47E-08	6.94E-09	6.94E-16	3.47E-09	8.30E-11	6.11E-11	1.70E-10	5.60E-10	3.31E-09	5.30E-11	1.20E-09	6.07E-08	5.63E-09	7.24E-08
2376	NG_1072	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.907	3.83E-07	6.82E-07	Not Modelled	2.44E-08	3.54E-10	1.41E-05	3.82E-08	7.64E-09	7.64E-16	3.82E-09	9.15E-11	6.74E-11	1.87E-10	6.17E-10	3.65E-09	5.84E-11	1.32E-09	6.69E-08	6.20E-09	7.98E-08
2377	NG_1073	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.907	4.28E-07	7.61E-07	Not Modelled	2.66E-08	3.96E-10	1.56E-05	4.28E-08	8.55E-09	8.55E-16	4.28E-09	1.02E-10	7.54E-11	2.10E-10	6.91E-10	4.08E-09	6.53E-11	1.47E-09	7.49E-08	6.94E-09	8.93E-08
2378	NG_1074	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.907	4.86E-07	8.63E-07	Not Modelled	2.92E-08	4.49E-10	1.78E-05	4.86E-08	9.71E-09	9.71E-16	4.86E-09	1.16E-10	8.56E-11	2.38E-10	7.84E-10	4.64E-09	7.41E-11	1.67E-09	8.50E-08	7.88E-09	1.01E-07
2379	NG_1075	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.907	5.53E-07	9.80E-07	Not Modelled	3.20E-08	5.11E-10	2.02E-05	5.53E-08	1.10E-08	1.10E-15	5.53E-09	1.32E-10	9.74E-11	2.71E-10	8.92E-10	5.28E-09	8.44E-11	1.90E-09	9.67E-08	8.96E-09	1.15E-07
2380	NG_1076	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.907	6.21E-07	1.10E-06	Not Modelled	3.44E-08	5.74E-10	2.23E-05	6.21E-08	1.24E-08	1.24E-15	6.21E-09	1.49E-10	1.09E-10	3.04E-10	1.00E-09	5.93E-09	9.48E-11	2.14E-09	1.09E-07	1.01E-08	1.30E-07
2381	NG_1077	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.907	7.00E-07	1.24E-06	Not Modelled	3.74E-08	6.48E-10	2.49E-05	7.00E-08	1.40E-08	1.40E-15	7.00E-09	1.67E-10	1.23E-10	3.43E-10	1.13E-09	6.68E-09	1.07E-10	2.41E-09	1.23E-07	1.14E-08	1.46E-07
2382	NG_1078	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.907	7.97E-07	1.41E-06	Not Modelled	4.21E-08	7.38E-10	2.86E-05	7.97E-08	1.59E-08	1.59E-15	7.97E-09	1.91E-10	1.41E-10	3.91E-10	1.29E-09	7.61E-09	1.22E-10	2.75E-09	1.40E-07	1.29E-08	1.66E-07
2383	NG_1079	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.907	9.11E-07	1.62E-06	Not Modelled	4.99E-08	8.43E-10	3.34E-05	9.11E-08	1.82E-08	1.82E-15	9.11E-09	2.18E-10	1.61E-10	4.47E-10	1.47E-09	8.69E-09	1.39E-10	3.14E-09	1.59E-07	1.48E-08	1.90E-07
2384	NG_1080	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.907	1.04E-06	1.85E-06	Not Modelled	6.19E-08	9.58E-10	3.92E-05	1.04E-07	2.07E-08	2.07E-15	1.04E-08	2.48E-10	1.82E-10	5.08E-10	1.67E-09	9.88E-09	1.58E-10	3.57E-09	1.81E-07	1.68E-08	2.16E-07
2385	NG_1081	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.907	1.16E-06	2.10E-06	Not Modelled	7.92E-08	1.08E-09	4.62E-05	1.16E-07	2.33E-08	2.33E-15	1.17E-08	2.79E-10	2.05E-10	5.71E-10	1.88E-09	1.11E-08	1.78E-10	4.02E-09	2.04E-07	1.89E-08	2.43E-07
2386	NG_1082	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.907	1.28E-06	2.33E-06	Not Modelled	1.01E-07	1.18E-09	5.35E-05	1.28E-07	2.56E-08	2.56E-15	1.28E-08	3.06E-10	2.26E-10	6.28E-10	2.07E-09	1.22E-08	1.95E-10	4.41E-09	2.24E-07	2.08E-08	2.67E-07
2387	NG_1083	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.907	1.36E-06	2.49E-06	Not Modelled	1.25E-07	1.26E-09	6.00E-05	1.36E-07	2.73E-08	2.73E-15	1.36E-08	3.26E-10	2.40E-10	6.69E-10	2.20E-09	1.30E-08	2.08E-10	4.70E-09	2.39E-07	2.21E-08	2.85E-07
2412	NG_1108	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6367.957	2.53E-07	4.53E-07	Not Modelled	1.59E-08	2.34E-10	9.06E-06	2.53E-08	5.06E-09	5.06E-16	2.53E-09	6.05E-11	4.46E-11	1.24E-10	4.08E-10	2.41E-09	3.86E-11	8.71E-10	4.43E-08	4.10E-09	5.28E-08
2413	NG_1109	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6367.957	2.72E-07	4.86E-07	Not Modelled	1.71E-08	2.51E-10	9.73E-06	2.72E-08	5.43E-09	5.43E-16	2.72E-09	6.50E-11	4.79E-11	1.33E-10	4.39E-10	2.59E-09	4.15E-11	9.37E-10	4.76E-08	4.41E-09	5.67E-08
2414	NG_1110	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6367.957	2.95E-07	5.26E-07	Not Modelled	1.86E-08	2.73E-10	1.06E-05	2.95E-08	5.89E-09	5.89E-16	2.95E-09	7.05E-11	5.20E-11	1.45E-10	4.76E-10	2.81E-09	4.50E-11	1.02E-09	5.16E-08	4.78E-09	6.15E-08

AQIA DATA - SCENARIO 2 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2415	NG_1111	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6367.957	3.22E-07	5.72E-07	Not Modelled	2.01E-08	2.98E-10	1.15E-05	3.22E-08	6.43E-09	6.43E-16	3.22E-09	7.69E-11	5.67E-11	1.58E-10	5.19E-10	3.07E-09	4.91E-11	1.11E-09	5.63E-08	5.22E-09	6.71E-08
2416	NG_1112	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6367.957	3.54E-07	6.27E-07	Not Modelled	2.17E-08	3.27E-10	1.24E-05	3.53E-08	7.06E-09	7.06E-16	3.53E-09	8.45E-11	6.23E-11	1.73E-10	5.70E-10	3.37E-09	5.39E-11	1.22E-09	6.18E-08	5.73E-09	7.37E-08
2417	NG_1113	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.957	3.90E-07	6.89E-07	Not Modelled	2.33E-08	3.61E-10	1.35E-05	3.90E-08	7.80E-09	7.80E-16	3.90E-09	9.33E-11	6.88E-11	1.91E-10	6.30E-10	3.73E-09	5.96E-11	1.35E-09	6.83E-08	6.33E-09	8.14E-08
2418	NG_1114	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.957	4.36E-07	7.67E-07	Not Modelled	2.51E-08	4.03E-10	1.48E-05	4.36E-08	8.71E-09	8.71E-16	4.36E-09	1.04E-10	7.68E-11	2.14E-10	7.04E-10	4.16E-09	6.65E-11	1.50E-09	7.63E-08	7.07E-09	9.09E-08
2419	NG_1115	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.957	4.92E-07	8.63E-07	Not Modelled	2.71E-08	4.55E-10	1.65E-05	4.91E-08	9.82E-09	9.82E-16	4.92E-09	1.18E-10	8.66E-11	2.41E-10	7.93E-10	4.69E-09	7.50E-11	1.69E-09	8.60E-08	7.97E-09	1.03E-07
2420	NG_1116	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6367.957	5.58E-07	9.77E-07	Not Modelled	2.94E-08	5.16E-10	1.84E-05	5.58E-08	1.12E-08	1.12E-15	5.58E-09	1.33E-10	9.83E-11	2.74E-10	9.01E-10	5.32E-09	8.51E-11	1.92E-09	9.76E-08	9.05E-09	1.16E-07
2421	NG_1117	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6367.957	6.35E-07	1.11E-06	Not Modelled	3.18E-08	5.87E-10	2.05E-05	6.34E-08	1.27E-08	1.27E-15	6.35E-09	1.52E-10	1.12E-10	3.11E-10	1.02E-09	6.06E-09	9.69E-11	2.19E-09	1.11E-07	1.03E-08	1.32E-07
2422	NG_1118	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6367.957	7.27E-07	1.27E-06	Not Modelled	3.48E-08	6.73E-10	2.29E-05	7.27E-08	1.45E-08	1.45E-15	7.27E-09	1.74E-10	1.28E-10	3.56E-10	1.17E-09	6.94E-09	1.11E-10	2.51E-09	1.27E-07	1.18E-08	1.52E-07
2423	NG_1119	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6367.957	8.38E-07	1.47E-06	Not Modelled	3.93E-08	7.75E-10	2.62E-05	8.38E-08	1.68E-08	1.68E-15	8.38E-09	2.00E-10	1.48E-10	4.11E-10	1.35E-09	8.00E-09	1.28E-10	2.89E-09	1.47E-07	1.36E-08	1.75E-07
2424	NG_1120	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6367.957	9.61E-07	1.69E-06	Not Modelled	4.63E-08	8.89E-10	3.03E-05	9.61E-08	1.92E-08	1.92E-15	9.61E-09	2.30E-10	1.69E-10	4.71E-10	1.55E-09	9.17E-09	1.47E-10	3.31E-09	1.68E-07	1.56E-08	2.01E-07
2425	NG_1121	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6367.957	1.09E-06	1.94E-06	Not Modelled	5.69E-08	1.01E-09	3.55E-05	1.09E-07	2.18E-08	2.18E-15	1.09E-08	2.61E-10	1.92E-10	5.35E-10	1.76E-09	1.04E-08	1.66E-10	3.76E-09	1.91E-07	1.77E-08	2.27E-07
2426	NG_1122	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6367.957	1.21E-06	2.17E-06	Not Modelled	7.11E-08	1.12E-09	4.15E-05	1.21E-07	2.42E-08	2.42E-15	1.21E-08	2.90E-10	2.14E-10	5.94E-10	1.96E-09	1.16E-08	1.85E-10	4.18E-09	2.12E-07	1.97E-08	2.53E-07
2427	NG_1123	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6367.957	1.30E-06	2.34E-06	Not Modelled	8.78E-08	1.21E-09	4.73E-05	1.30E-07	2.61E-08	2.61E-15	1.30E-08	3.12E-10	2.30E-10	6.39E-10	2.11E-09	1.24E-08	1.99E-10	4.49E-09	2.28E-07	2.11E-08	2.72E-07
2428	NG_1124	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6367.957	1.35E-06	2.44E-06	Not Modelled	1.04E-07	1.25E-09	5.17E-05	1.35E-07	2.71E-08	2.71E-15	1.35E-08	3.24E-10	2.39E-10	6.64E-10	2.19E-09	1.29E-08	2.07E-10	4.67E-09	2.37E-07	2.20E-08	2.83E-07
2453	NG_1149	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.007	2.61E-07	4.64E-07	Not Modelled	1.54E-08	2.41E-10	8.88E-06	2.61E-08	5.22E-09	5.22E-16	2.61E-09	6.24E-11	4.60E-11	1.28E-10	4.21E-10	2.49E-09	3.98E-11	9.00E-10	4.57E-08	4.23E-09	5.45E-08
2454	NG_1150	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.007	2.81E-07	4.97E-07	Not Modelled	1.66E-08	2.59E-10	9.51E-06	2.80E-08	5.60E-09	5.60E-16	2.80E-09	6.70E-11	4.94E-11	1.37E-10	4.53E-10	2.68E-09	4.28E-11	9.66E-10	4.91E-08	4.55E-09	5.85E-08
2455	NG_1151	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.007	3.03E-07	5.35E-07	Not Modelled	1.78E-08	2.80E-10	1.02E-05	3.02E-08	6.05E-09	6.05E-16	3.03E-09	7.23E-11	5.33E-11	1.48E-10	4.88E-10	2.89E-09	4.62E-11	1.04E-09	5.29E-08	4.91E-09	6.31E-08
2456	NG_1152	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.007	3.30E-07	5.81E-07	Not Modelled	1.91E-08	3.05E-10	1.10E-05	3.30E-08	6.59E-09	6.59E-16	3.30E-09	7.89E-11	5.81E-11	1.62E-10	5.32E-10	3.15E-09	5.03E-11	1.14E-09	5.77E-08	5.35E-09	6.88E-08
2457	NG_1153	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.007	3.62E-07	6.34E-07	Not Modelled	2.05E-08	3.34E-10	1.18E-05	3.61E-08	7.22E-09	7.22E-16	3.61E-09	8.64E-11	6.37E-11	1.77E-10	5.83E-10	3.45E-09	5.51E-11	1.25E-09	6.32E-08	5.86E-09	7.54E-08
2458	NG_1154	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.007	4.01E-07	7.01E-07	Not Modelled	2.21E-08	3.71E-10	1.28E-05	4.01E-08	8.01E-09	8.01E-16	4.01E-09	9.58E-11	7.06E-11	1.96E-10	6.47E-10	3.83E-09	6.12E-11	1.38E-09	7.01E-08	6.50E-09	8.36E-08
2459	NG_1155	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.007	4.48E-07	7.79E-07	Not Modelled	2.36E-08	4.14E-10	1.39E-05	4.47E-08	8.94E-09	8.94E-16	4.47E-09	1.07E-10	7.88E-11	2.19E-10	7.22E-10	4.27E-09	6.83E-11	1.54E-09	7.83E-08	7.26E-09	9.33E-08
2460	NG_1156	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.007	5.06E-07	8.79E-07	Not Modelled	2.54E-08	4.68E-10	1.53E-05	5.06E-08	1.01E-08	1.01E-15	5.06E-09	1.21E-10	8.92E-11	2.48E-10	8.17E-10	4.83E-09	7.73E-11	1.74E-09	8.86E-08	8.21E-09	1.06E-07
2461	NG_1157	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.007	5.76E-07	9.98E-07	Not Modelled	2.73E-08	5.33E-10	1.69E-05	5.76E-08	1.15E-08	1.15E-15	5.76E-09	1.38E-10	1.02E-10	2.82E-10	9.30E-10	5.50E-09	8.79E-11	1.99E-09	1.01E-07	9.34E-09	1.20E-07
2462	NG_1158	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.007	6.65E-07	1.15E-06	Not Modelled	2.98E-08	6.15E-10	1.88E-05	6.65E-08	1.33E-08	1.33E-15	6.65E-09	1.59E-10	1.17E-10	3.26E-10	1.07E-09	6.35E-09	1.02E-10	2.29E-09	1.16E-07	1.08E-08	1.39E-07
2463	NG_1159	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.007	7.74E-07	1.34E-06	Not Modelled	3.29E-08	7.16E-10	2.11E-05	7.74E-08	1.55E-08	1.55E-15	7.74E-09	1.85E-10	1.36E-10	3.79E-10	1.25E-09	7.39E-09	1.18E-10	2.67E-09	1.35E-07	1.26E-08	1.61E-07
2464	NG_1160	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.007	9.10E-07	1.59E-06	Not Modelled	3.78E-08	8.42E-10	2.44E-05	9.10E-08	1.82E-08	1.82E-15	9.11E-09	2.18E-10	1.60E-10	4.46E-10	1.47E-09	8.69E-09	1.39E-10	3.14E-09	1.59E-07	1.48E-08	1.90E-07
2465	NG_1161	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.007	1.06E-06	1.86E-06	Not Modelled	4.45E-08	9.78E-10	2.83E-05	1.06E-07	2.11E-08	2.11E-15	1.06E-08	2.53E-10	1.86E-10	5.18E-10	1.71E-09	1.01E-08	1.61E-10	3.64E-09	1.85E-07	1.71E-08	2.20E-07
2466	NG_1162	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.007	1.19E-06	2.11E-06	Not Modelled	5.33E-08	1.11E-09	3.27E-05	1.19E-07	2.39E-08	2.39E-15	1.20E-08	2.86E-10	2.11E-10	5.86E-10	1.93E-09	1.14E-08	1.82E-10	4.12E-09	2.09E-07	1.94E-08	2.49E-07
2467	NG_1163	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.007	1.30E-06	2.31E-06	Not Modelled	6.41E-08	1.21E-09	3.74E-05	1.30E-07	2.60E-08	2.60E-15	1.30E-08	3.12E-10	2.30E-10	6.39E-10	2.10E-09	1.24E-08	1.99E-10	4.49E-09	2.28E-07	2.11E-08	2.72E-07
2468	NG_1164	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.007	1.37E-06	2.43E-06	Not Modelled	7.57E-08	1.26E-09	4.15E-05	1.37E-07	2.73E-08	2.73E-15	1.37E-08	3.27E-10	2.41E-10	6.70E-10	2.21E-09	1.30E-08	2.09E-10	4.71E-09	2.39E-07	2.22E-08	2.85E-07
2469	NG_1165	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.007	1.39E-06	2.47E-06	Not Modelled	8.61E-08	1.28E-09	4.44E-05	1.39E-07	2.77E-08	2.77E-15	1.39E-08	3.32E-10	2.44E-10	6.80E-10	2.24E-09	1.32E-08	2.12E-10	4.78E-09	2.43E-07	2.25E-08	2.89E-07
2494	NG_1190	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.057	2.70E-07	4.76E-07	Not Modelled	1.49E-08	2.50E-10	8.66E-06	2.70E-08	5.40E-09	5.40E-16	2.70E-09	6.46E-11	4.76E-11	1.32E-10	4.36E-10	2.58E-09	4.12E-11	9.30E-10	4.73E-08	4.38E-09	5.63E-08
2495	NG_1191	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.057	2.90E-07	5.09E-07	Not Modelled	1.60E-08	2.68E-10	9.25E-06	2.90E-08	5.79E-09	5.79E-16	2.90E-09	6.93E-11	5.11E-11	1.42E-10	4.68E-10	2.77E-09	4.42E-11	9.99E-10	5.07E-08	4.70E-09	6.05E-08
2496	NG_1192	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.057	3.12E-07	5.47E-07	Not Modelled	1.70E-08	2.89E-10	9.80E-06	3.12E-08	6.24E-09	6.24E-16	3.12E-09	7.46E-11	5.50E-11	1.53E-10	5.04E-10	2.98E-09	4.76E-11	1.08E-09	5.46E-08	5.06E-09	6.51E-08
2497	NG_1193	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.057	3.39E-07	5.90E-07	Not Modelled	1.81E-08	3.13E-10	1.04E-05	3.38E-08	6.77E-09	6.77E-16	3.39E-09	8.10E-11	5.96E-11	1.66E-10	5.46E-10	3.23E-09	5.17E-11	1.17E-09	5.92E-08	5.49E-09	7.06E-08
2498	NG_1194	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.057	3.72E-07	6.45E-07	Not Modelled	1.93E-08	3.44E-10	1.11E-05	3.71E-08	7.42E-09	7.42E-16	3.71E-09	8.88E-11	6.54E-11	1.82E-10	6.00E-10	3.54E-09	5.67E-11	1.28E-09	6.50E-08	6.02E-09	7.75E-08
2499	NG_1195	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.057	4.12E-07	7.12E-07	Not Modelled	2.07E-08	3.81E-10	1.19E-05	4.12E-08	8.23E-09	8.23E-16	4.12E-09	9.85E-11	7.26E-11	2.02E-10	6.65E-10	3.93E-09	6.28E-11	1.42E-09	7.21E-08	6.68E-09	8.59E-08
2500	NG_1196	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.057	4.62E-07	7.97E-07	Not Modelled	2.21E-08	4.28E-10	1.29E-05	4.62E-08	9.24E-09	9.24E-16	4.62E-09	1.11E-10	8.15E-11	2.27E-10	7.46E-10	4.41E-09	7.06E-11	1.59E-09	8.09E-08	7.50E-09	9.64E-08
2501	NG_1197	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.057	5.28E-07	9.10E-07	Not Modelled	2.39E-08	4.89E-10	1.42E-05	5.28E-08	1.06E-08	1.06E-15	5.28E-09	1.26E-10	9.31E-11	2.59E-10	8.53E-10	5.04E-09	8.06E-11	1.82E-09	9.24E-08	8.57E-09	1.10E-07
2502	NG_1198	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.057	6.09E-07	1.05E-06	Not Modelled	2.58E-08	5.64E-10	1.57E-05	6.09E-08	1.22E-08	1.22E-15	6.09E-09	1.46E-10	1.07E-10	2.99E-10	9.83E-10	5.81E-09	9.30E-11	2.10E-09	1.07E-07	9.88E-09	1.27E-07
2503	NG_1199	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.057	7.08E-07	1.22E-06	Not Modelled	2.83E-08	6.55E-10	1.74E-05	7.08E-08	1.42E-08	1.42E-15	7.08E-09	1.69E-10	1.25E-10	3.47E-10	1.14E-09	6.76E-09	1.08E-10	2.44E-09	1.24E-07	1.15E-08	1.48E-07
2504	NG_1200	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.057	8.36E-07	1.45E-06	Not Modelled	3.18E-08	7.73E-10	1.97E-05	8.35E-08	1.67E-08	1.67E-15	8.36E-09	2.00E-10	1.47E-10	4.10E-10	1.35E-09	7.98E-09	1.28E-10	2.88E-09	1.46E-07	1.36E-08	1.74E-07
2505	NG_1201	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.057	9.95E-07	1.74E-06	Not Modelled	3.69E-08	9.21E-10	2.30E-05	9.95E-08	1.99E-08	1.99E-15	9.95E-09	2.38E-10	1.75E-10	4.88E-10	1.61E-09	9.50E-09	1.52E-10	3.43E-09	1.74E-07	1.61E-08	2.08E-07
2506	NG_1202	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.057	1.17E-06	2.05E-06	Not Modelled	4.34E-08	1.08E-09	2.67E-05	1.17E-07	2.33E-08	2.33E-15	1.17E-08	2.79E-10	2.05E-10	5.72E-10	1.88E-09	1.11E-08	1.78E-10	4.02E-09	2.04E-07	1.89E-08	2.43E-07
2507	NG_1203	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.057	1.32E-06	2.33E-06	Not Modelled	5.10E-08	1.22E-09	3.06E-05	1.32E-07	2.64E-08	2.64E-15	1.32E-08	3.16E-10	2.33E-10	6.47E-10	2.13E-09	1.26E-08	2.01E-10	4.55E-09	2.31E-07	2.14E-08	2.75E-07
2508	NG_1204	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.057	1.43E-06	2.52E-06	Not Modelled	5.90E-08	1.32E-09	3.42E-05	1.43E-07	2.85E-08	2.85E-15	1.43E-08	3.41E-10	2.52E-10	7.00E-10	2.30E-09	1.36E-08	2.18E-10	4.92E-09	2.50E-07	2.32E-08	2.98E-07
2509	NG_1205	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.057	1.47E-06	2.60E-06	Not Modelled	6.65E-08	1.36E-09	3.70E-05	1.47E-07	2.95E-08	2.95E-15	1.47E-08	3.52E-10	2.60E-10	7.22E-10	2.38E-09	1.41E-08	2.25E-10	5.08E-09	2.58E-07	2.39E-08	3.07E-07
2510	NG_1206	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.057	1.46E-06	2.57E-06	Not Modelled	7.24E-08	1.35E-09	3.83E-05	1.46E-07	2.92E-08	2.92E-15	1.46E-08	3.50E-10	2.58E-10	7.16E-10	2.36E-09	1.39E-08	2.23E-10	5.04E-09	2.56E-07	2.37E-08	3.05E-07
2521	NG_1217	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.057	7.25E-07	1.30E-06	Not Modelled	2.55E-08	6.70E-10	1.54E-05	7.24E-08	1.45E-08	1.45E-15	7.25E-09	1.73E-10	1.28E-10	3.55E-10	1.17E-09	6.92E-09	1.11E-10	2.50E-09	1.27E-07	1.18E-08	1.51E-07
2522	NG_1218	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.057	6.93E-07	1.25E-06	Not Modelled	2.31E-08	6.41E-10	1.42E-05	6.92E-08	1.38E-08	1.38E-15	6.93E-09	1.66E-10	1.22E-10	3.40E-10	1.12E-09	6.61E-09	1.06E-10	2.39E-09	1.21E-07	1.12E-08	1.45E-07
2523	NG_1219	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.057	6.62E-07	1.20E-06	Not Modelled	2.07E-08	6.13E-10	1.30E-05	6.62E-08	1.32E-08	1.32E-15	6.62E-09	1.58E-10	1.17E-10	3.25E-10	1.07E-09	6.32E-09	1.01E-10	2.28E-09	1.16E-07	1.07E-08	1.38E-07
2524	NG_1220	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.057	6.34E-07	1.15E-06	Not Modelled	1.85E-08	5.87E-10	1.18E-05	6.34E-08	1.27E-08	1.27E-15	6.34E-09	1.52E-10	1.12E-10	3.11E-10	1.02E-09	6.05E-09	9.68E-11	2.19E-09	1.11E-07	1.03E-08	1.32E-07
2533	NG_1229	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.057	4.54E-07	8.37E-07	Not Modelled	9.66E-09	4.20E-10	6.11E-06	4.54E-08	9.07E-09	9.07E-16	4.54E-09	1.09E-10	8.00E-11	2.22E-10	7.32E-10	4.33E-09	6.93E-11	1.56E-09	7.94E-08	7.36E-09	9.47E-08
2534	NG_1230	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.057	4.53E-07	8.38E-07	Not Modelled	9.54E-09	4.19E-10	5.95E-06	4.53E-08	9.06E-09	9.06E-16	4.53E-09	1.08E-10	7.98E-11	2.22E-10	7.31E-10	4.33E-09	6.92E-11	1.56E-09	7.93E-08	7.35E-09	9.45E-08
2535	NG_1231	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.107	2.79E-07	4.87E-07	Not Modelled	1.43E-08	2.58E-10	8.33E-06	2.79E-08	5.58E-09	5.58E-16	2.79E-09	6.67E-11	4.91E-11	1.37E-10	4.50E-10	2.66E-09	4.26E-11	9.61E-10	4.88E-08	4.52E-09	5.82E-08
2536	NG_1232	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.107	2.99E-07	5.21E-07	Not Modelled	1.52E-08	2.77E-10	8.84E-06	2.99E-08	5.98E-09	5.98E-16	2.99E-09	7.15E-11	5.27E-11	1.47E-10	4.83E-10	2.85E-09	4.56E-11	1.03E-09	5.23E-08	4.85E-09	6.24E-08
2537	NG_1233	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.107	3.22E-07	5.59E-07	Not Modelled	1.62E-08	2.98E-10	9.32E-06	3.22E-08	6.44E-09	6.44E-16	3.22E-09	7.70E-11	5.68E-11	1.58E-10	5.20E-10	3.07E-09	4.92E-11	1.11E-09	5.64E-08	5.22E-09	6.72E-08
2538	NG_1234	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.107	3.50E-07	6.05E-07	Not Modelled	1.71E-08	3.24E-10	9.84E-06	3.50E-08	7.00E-09	7.00E-16	3.50E-09	8.37E-11	6.17E-11	1.72E-10	5.65E-10	3.34E-09	5.34E-11	1.21E-09	6.13E-08	5.68E-09	7.30E-08
2539	NG_1235	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.107	3.84E-07	6.61E-07	Not Modelled	1.82E-08	3.55E-10	1.04E-05	3.84E-08	7.68E-09	7.68E-16	3.84E-09	9.19E-11	6.77E-11	1.88E-10	6.20E-10	3.67E-09	5.86E-11	1.32E-09	6.72E-08	6.23E-09	8.01E-08
2540	NG_1236	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.107	4.27E-07	7.31E-07	Not Modelled	1.93E-08	3.95E-10	1.11E-05	4.26E-08	8.53E-09	8.53E-16	4.27E-09	1.02E-10	7.52E-11	2.09E-10	6.89E-10	4.07E-09	6.51E-11	1.47E-09	7.46E-08	6.92E-09	8.90E-08
2541	NG_1237	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.107	4.83E-07	8.25E-07	Not Modelled	2.08E-08	4.46E-10	1.20E-05	4.82E-08	9.65E-09	9.65E-16	4.83E-09	1.15E-10	8.50E-11	2.37E-10	7.79E-10	4.61E-09	7.36E-11	1.66E-09	8.45E-08	7.83E-09	1.01E-07
2542	NG_1238	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.107	5.58E-07	9.56E-07	Not Modelled	2.28E-08	5.16E-10	1.34E-05	5.58E-08	1.12E-08	1.12E-15	5.58E-09	1.33E-10	9.83E-11	2.74E-10	9.01E-10	5.33E-09	8.52E-11	1.92E-09	9.77E-08	9.05E-09	1.16E-07
2543	NG_1239	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.107	6.51E-07	1.12E-06	Not Modelled	2.50E-08	6.02E-10	1.49E-05	6.51E-08	1.30E-08	1.30E-15	6.51E-09	1.56E-10	1.15E-10	3.19E-10	1.05E-09	6.21E-09	9.94E-11	2.24E-09	1.14E-07	1.06E-08	1.36E-07
2544	NG_1240	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.107	7.61E-07	1.31E-06	Not Modelled	2.75E-08	7.04E-10	1.64E-05	7.60E-08	1.52E-08	1.52E-15	7.61E-09	1.82E-10	1.34E-10	3.73E-10	1.23E-09	7.26E-09	1.16E-10	2.62E-09	1.33E-07	1.23E-08	1.59E-07
2545	NG_1241	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.107	8.99E-07	1.56E-06	Not Modelled	3.11E-08	8.32E-10	1.86E-05	8.99E-08	1.80E-08	1.80E-15	9.00E-09	2.15E-10	1.59E-10	4.41E-10	1.45E-09	8.58E-09	1.37E-10	3.10E-09	1.57E-07	1.46E-08	1.88E-07
2546	NG_1242	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.107	1.07E-06	1.87E-06	Not Modelled	3.61E-08	9.92E-10	2.16E-05	1.07E-07	2.14E-08	2.14E-15	1.07E-08	2.56E-10	1.89E-10	5.26E-10	1.73E-09	1.02E-08	1.64E-10	3.69E-09	1.88E-07	1.74E-08	2.24E-07
2547	NG_1243	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.107	1.25E-06	2.20E-06	Not Modelled	4.22E-08	1.16E-09	2.51E-05	1.25E-07	2.51E-08	2.51E-15	1.25E-08	3.00E-10	2.21E-10	6.14E-10	2.02E-09	1.20E-08	1.91E-10	4.32E-09	2.19E-07	2.03E-08	2.61E-07
2548	NG_1244	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.107	1.41E-06	2.48E-06	Not Modelled	4.86E-08	1.30E-09	2.84E-05	1.41E-07	2.82E-08	2.82E-15	1.41E-08	3.37E-10	2.48E-10	6.90E-10	2.27E-09	1.34E-08	2.15E-10	4.85E-09	2.46E-07	2.28E-08	2.94E-07
2549	NG_1245	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.107	1.52E-06	2.67E-06	Not Modelled	5.47E-08	1.40E-09	3.14E-05	1.51E-07	3.03E-08	3.03E-15	1.52E-08	3.62E-10	2.67E-10	7.43E-10	2.45E-09	1.45E-08	2.31E-10	5.22E-09	2.65E-07	2.46E-08	3.16E-07
2550	NG_1246	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.107	1.55E-06	2.72E-06	Not Modelled	5.95E-08	1.43E-09	3.31E-05	1.55E-07	3.10E-08	3.10E-15	1.55E-08	3.71E-10	2.73E-10	7.60E-10	2.50E-09	1.48E-08	2.37E-10	5.34E-09	2.71E-07	2.52E-08	3.24E-07
2555	NG_1251	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.107	1.13E-06	1.95E-06	Not Modelled	4.97E-08	1.04E-09	2.29E-05	1.13E-07	2.26E-08	2.26E-15	1.13E-08	2.70E-10	1.99E-10	5.53E-10	1.82E-09	1.08E-08	1.72E-10	3.89E-09	1.98E-07	1.83E-08	2.35E-07
2556	NG_1252	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.107	1.03E-06	1.78E-06	Not Modelled	4.34E-08	9.55E-10	2.03E-05	1.03E-07	2.06E-08	2.06E-15	1.03E-08	2.47E-10	1.82E-10	5.06E-10	1.67E-09	9.86E-09	1.58E-10	3.56E-09	1.81E-07	1.68E-08	2.15E-07
2557	NG_1253	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.107	9.57E-07	1.66E-06	Not Modelled	3.76E-08	8.85E-10	1.83E-05	9.56E-08	1.91E-08	1.91E-15	9.57E-09	2.29E-10	1.69E-10	4.69E-10	1.54E-09	9.13E-09	1.46E-10	3.30E-09	1.67E-07	1.55E-08	2.00E-07
2558	NG_1254	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.107	9.02E-07	1.57E-06	Not Modelled	3.31E-08	8.34E-10	1.69E-05	9.02E-08	1.80E-08	1.80E-15	9.02E-09	2.16E-10	1.59E-10	4.42E-10	1.46E-09	8.61E-09	1.38E-10	3.11E-09	1.58E-07	1.46E-08	1.88E-07
2561	NG_1257	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.107	8.01E-07	1.42E-06	Not Modelled	2.51E-08	7.41E-10	1.46E-05	8.00E-08	1.60E-08	1.60E-15	8.01E-09	1.92E-10	1.41E-10	3.93E-10	1.29E-09	7.64E-09	1.22E-10	2.76E-09	1.40E-07	1.30E-08	1.67E-07
2562	NG_1258	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.107	7.82E-07	1.40E-06	Not Modelled	2.36E-08	7.24E-10	1.42E-05	7.82E-08	1.56E-08	1.56E-15	7.82E-09	1.87E-10	1.38E-10	3.84E-10	1.26E-09	7.47E-09	1.19E-10	2.70E-09	1.37E-07	1.27E-08	1.63E-07
2563	NG_1259	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.107	7.59E-07	1.37E-06	Not Modelled	2.19E-08	7.02E-10	1.34E-05	7.59E-08	1.52E-08	1.52E-15	7.59E-09	1.82E-10	1.34E-10	3.72E-10	1.23E-09	7.24E-09	1.16E-10	2.62E-09	1.33E-07	1.23E-08	1.58E-07
2564	NG_1260	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.107	7.31E-07	1.32E-06	Not Modelled	2.00E-08	6.76E-10	1.24E-05	7.31E-08	1.46E-08	1.46E-15	7.31E-09	1.75E-10	1.29E-10	3.58E-10	1.18E-09	6.98E-09	1.12E-10	2.52E-09	1.28E-07	1.19E-08	1.53E-07
2565	NG_1261	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.107	6.98E-07	1.27E-06	Not Modelled	1.82E-08	6.46E-10	1.14E-05	6.98E-08	1.40E-08	1.40E-15	6.98E-09	1.67E-10	1.23E-10	3.42E-10	1.13E-09	6.66E-09	1.07E-10	2.41E-09	1.22E-07	1.13E-08	1.46E-07
2567	NG_1263	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.107	6.11E-07	1.11E-06	Not Modelled	1.45E-08	5.66E-10	9.13E-06	6.11E-08	1.22E-08	1.22E-15	6.11E-09	1.46E-10	1.08E-10	3.00E-10	9.87E-10	5.84E-09	9.33E-11	2.11E-09	1.07E-07	9.92E-09	1.28E-07
2568	NG_1264	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.107	5.78E-07	1.05E-06	Not Modelled	1.32E-08	5.34E-10	8.32E-06	5.78E-08	1.15E-08	1.15E-15	5.78E-09	1.38E-10	1.02E-10	2.83E-10	9.33E-10	5.51E-09	8.82E-11	1.99E-09	1.01E-07	9.37E-09	1.21E-07
2569	NG_1265	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.107	5.50E-07	1.00E-06	Not Modelled	1.21E-08	5.08E-10	7.66E-06	5.49E-08	1.10E-08	1.10E-15	5.50E-09	1.31E-10	9.68E-11	2.69E-10	8.87E-10	5.25E-09	8.39E-11	1.89E-09	9.62E-08	8.91E-09	1.15E-07
2570	NG_1266	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.107	5.24E-07	9.58E-07	Not Modelled	1.11E-08	4.85E-10	7.05E-06	5.24E-08	1.05E-08	1.05E-15	5.24E-09	1.25E-10	9.23E-11	2.57E-10	8.46E-10	5.00E-09	8.00E-11	1.81E-09	9.17E-08	8.50E-09	1.09E-07
2571	NG_1267	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.107	5.01E-07	9.17E-07	Not Modelled	1.04E-08	4.63E-10	6.53E-06	5.01E-08	1.00E-08	1.00E-15	5.01E-09	1.20E-10	8.83E-11	2.46E-10	8.09E-10	4.78E-09	7.65E-11	1.73E-09	8.77E-08	8.12E-09	1.05E-07
2572	NG_1268	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.107	4.83E-07	8.86E-07	Not Modelled	9.84E-09	4.47E-10	6.17E-06	4.83E-08	9.66E-09	9.66E-16	4.83E-09	1.16E-10	8.52E-11	2.37E-10	7.80E-10	4.61E-09	7.38E-11	1.67E-09	8.46E-08	7.84E-09	1.01E-07

AQIA DATA - SCENARIO 2 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2573	NG_1269	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.107	4.71E-07	8.66E-07	Not Modelled	9.46E-09	4.36E-10	5.91E-06	4.71E-08	9.42E-09	9.42E-16	4.71E-09	1.13E-10	8.31E-11	2.31E-10	7.61E-10	4.50E-09	7.19E-11	1.62E-09	8.25E-08	7.64E-09	9.83E-08
2574	NG_1270	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.107	4.64E-07	8.54E-07	Not Modelled	9.23E-09	4.29E-10	5.74E-06	4.64E-08	9.27E-09	9.27E-16	4.64E-09	1.11E-10	8.17E-11	2.27E-10	7.49E-10	4.43E-09	7.08E-11	1.60E-09	8.12E-08	7.52E-09	9.68E-08
2575	NG_1271	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.107	4.59E-07	8.49E-07	Not Modelled	9.09E-09	4.25E-10	5.60E-06	4.59E-08	9.19E-09	9.19E-16	4.60E-09	1.10E-10	8.10E-11	2.25E-10	7.42E-10	4.39E-09	7.01E-11	1.58E-09	8.04E-08	7.45E-09	9.59E-08
2576	NG_1272	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.157	2.89E-07	4.99E-07	Not Modelled	1.36E-08	2.67E-10	7.90E-06	2.88E-08	5.76E-09	5.76E-16	2.88E-09	6.89E-11	5.08E-11	1.41E-10	4.65E-10	2.75E-09	4.40E-11	9.93E-10	5.05E-08	4.68E-09	6.01E-08
2577	NG_1273	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.157	3.09E-07	5.33E-07	Not Modelled	1.44E-08	2.86E-10	8.34E-06	3.09E-08	6.18E-09	6.18E-16	3.09E-09	7.39E-11	5.45E-11	1.52E-10	4.99E-10	2.95E-09	4.72E-11	1.07E-09	5.41E-08	5.01E-09	6.45E-08
2578	NG_1274	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.157	3.34E-07	5.73E-07	Not Modelled	1.53E-08	3.09E-10	8.78E-06	3.34E-08	6.67E-09	6.67E-16	3.34E-09	7.98E-11	5.88E-11	1.64E-10	5.39E-10	3.19E-09	5.09E-11	1.15E-09	5.84E-08	5.41E-09	6.96E-08
2579	NG_1275	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.157	3.64E-07	6.23E-07	Not Modelled	1.62E-08	3.37E-10	9.25E-06	3.64E-08	7.28E-09	7.28E-16	3.64E-09	8.70E-11	6.41E-11	1.78E-10	5.88E-10	3.47E-09	5.55E-11	1.25E-09	6.37E-08	5.90E-09	7.59E-08
2580	NG_1276	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.157	4.02E-07	6.86E-07	Not Modelled	1.72E-08	3.72E-10	9.80E-06	4.02E-08	8.03E-09	8.03E-16	4.02E-09	9.61E-11	7.08E-11	1.97E-10	6.48E-10	3.83E-09	6.13E-11	1.38E-09	7.03E-08	6.51E-09	8.38E-08
2581	NG_1277	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.157	4.49E-07	7.65E-07	Not Modelled	1.84E-08	4.15E-10	1.05E-05	4.49E-08	8.97E-09	8.97E-16	4.49E-09	1.07E-10	7.91E-11	2.20E-10	7.25E-10	4.28E-09	6.85E-11	1.55E-09	7.85E-08	7.28E-09	9.36E-08
2582	NG_1278	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.157	5.10E-07	8.69E-07	Not Modelled	1.99E-08	4.72E-10	1.13E-05	5.10E-08	1.02E-08	1.02E-15	5.10E-09	1.22E-10	8.99E-11	2.50E-10	8.23E-10	4.87E-09	7.78E-11	1.76E-09	8.93E-08	8.27E-09	1.06E-07
2583	NG_1279	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.157	5.92E-07	1.01E-06	Not Modelled	2.19E-08	5.47E-10	1.26E-05	5.92E-08	1.18E-08	1.18E-15	5.92E-09	1.42E-10	1.04E-10	2.90E-10	9.55E-10	5.65E-09	9.03E-11	2.04E-09	1.04E-07	9.60E-09	1.23E-07
2584	NG_1280	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.157	6.94E-07	1.19E-06	Not Modelled	2.43E-08	6.42E-10	1.41E-05	6.94E-08	1.39E-08	1.39E-15	6.94E-09	1.66E-10	1.22E-10	3.40E-10	1.12E-09	6.62E-09	1.06E-10	2.39E-09	1.21E-07	1.13E-08	1.45E-07
2585	NG_1281	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.157	8.18E-07	1.41E-06	Not Modelled	2.72E-08	7.57E-10	1.57E-05	8.17E-08	1.63E-08	1.63E-15	8.18E-09	1.96E-10	1.44E-10	4.01E-10	1.32E-09	7.81E-09	1.25E-10	2.82E-09	1.43E-07	1.33E-08	1.71E-07
2586	NG_1282	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.157	9.66E-07	1.68E-06	Not Modelled	3.09E-08	8.94E-10	1.78E-05	9.66E-08	1.93E-08	1.93E-15	9.66E-09	2.31E-10	1.70E-10	4.74E-10	1.56E-09	9.22E-09	1.47E-10	3.33E-09	1.69E-07	1.57E-08	2.02E-07
2587	NG_1283	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.157	1.14E-06	1.99E-06	Not Modelled	3.55E-08	1.05E-09	2.04E-05	1.14E-07	2.27E-08	2.27E-15	1.14E-08	2.72E-10	2.00E-10	5.58E-10	1.84E-09	1.09E-08	1.74E-10	3.92E-09	1.99E-07	1.84E-08	2.37E-07
2588	NG_1284	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.157	1.31E-06	2.30E-06	Not Modelled	4.06E-08	1.21E-09	2.32E-05	1.31E-07	2.61E-08	2.61E-15	1.31E-08	3.12E-10	2.30E-10	6.40E-10	2.11E-09	1.25E-08	1.99E-10	4.50E-09	2.29E-07	2.12E-08	2.73E-07
2589	NG_1285	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.157	1.45E-06	2.55E-06	Not Modelled	4.58E-08	1.34E-09	2.60E-05	1.45E-07	2.90E-08	2.90E-15	1.45E-08	3.47E-10	2.56E-10	7.11E-10	2.34E-09	1.38E-08	2.21E-10	5.00E-09	2.54E-07	2.35E-08	3.03E-07
2590	NG_1286	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.157	1.54E-06	2.72E-06	Not Modelled	5.04E-08	1.43E-09	2.83E-05	1.54E-07	3.09E-08	3.09E-15	1.54E-08	3.69E-10	2.72E-10	7.57E-10	2.49E-09	1.47E-08	2.36E-10	5.32E-09	2.70E-07	2.50E-08	3.22E-07
2591	NG_1287	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.157	1.57E-06	2.75E-06	Not Modelled	5.36E-08	1.45E-09	2.94E-05	1.57E-07	3.14E-08	3.14E-15	1.57E-08	3.76E-10	2.77E-10	7.70E-10	2.54E-09	1.50E-08	2.40E-10	5.41E-09	2.75E-07	2.55E-08	3.28E-07
2596	NG_1292	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.157	1.17E-06	2.00E-06	Not Modelled	4.29E-08	1.08E-09	2.03E-05	1.17E-07	2.33E-08	2.33E-15	1.17E-08	2.79E-10	2.06E-10	5.72E-10	1.88E-09	1.11E-08	1.78E-10	4.02E-09	2.04E-07	1.89E-08	2.43E-07
2597	NG_1293	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.157	1.07E-06	1.84E-06	Not Modelled	3.78E-08	9.90E-10	1.80E-05	1.07E-07	2.14E-08	2.14E-15	1.07E-08	2.56E-10	1.89E-10	5.25E-10	1.73E-09	1.02E-08	1.63E-10	3.69E-09	1.87E-07	1.74E-08	2.23E-07
2598	NG_1294	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.157	9.92E-07	1.71E-06	Not Modelled	3.32E-08	9.17E-10	1.63E-05	9.91E-08	1.98E-08	1.98E-15	9.92E-09	2.37E-10	1.75E-10	4.86E-10	1.60E-09	9.47E-09	1.51E-10	3.42E-09	1.74E-07	1.61E-08	2.07E-07
2599	NG_1295	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.157	9.34E-07	1.62E-06	Not Modelled	2.95E-08	8.64E-10	1.50E-05	9.34E-08	1.87E-08	1.87E-15	9.34E-09	2.23E-10	1.65E-10	4.58E-10	1.51E-09	8.92E-09	1.43E-10	3.22E-09	1.64E-07	1.52E-08	1.95E-07
2600	NG_1296	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.157	8.93E-07	1.56E-06	Not Modelled	2.67E-08	8.26E-10	1.42E-05	8.93E-08	1.79E-08	1.79E-15	8.93E-09	2.14E-10	1.57E-10	4.38E-10	1.44E-09	8.53E-09	1.36E-10	3.08E-09	1.56E-07	1.45E-08	1.86E-07
2602	NG_1298	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.157	8.46E-07	1.50E-06	Not Modelled	2.32E-08	7.83E-10	1.34E-05	8.46E-08	1.69E-08	1.69E-15	8.47E-09	2.02E-10	1.49E-10	4.15E-10	1.37E-09	8.08E-09	1.29E-10	2.92E-09	1.48E-07	1.37E-08	1.77E-07
2603	NG_1299	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.157	8.32E-07	1.49E-06	Not Modelled	2.21E-08	7.70E-10	1.32E-05	8.32E-08	1.66E-08	1.66E-15	8.32E-09	1.99E-10	1.47E-10	4.08E-10	1.34E-09	7.94E-09	1.27E-10	2.87E-09	1.46E-07	1.35E-08	1.74E-07
2604	NG_1300	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.157	8.11E-07	1.46E-06	Not Modelled	2.07E-08	7.50E-10	1.26E-05	8.10E-08	1.62E-08	1.62E-15	8.11E-09	1.94E-10	1.43E-10	3.97E-10	1.31E-09	7.74E-09	1.24E-10	2.79E-09	1.42E-07	1.31E-08	1.69E-07
2605	NG_1301	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.157	7.81E-07	1.41E-06	Not Modelled	1.93E-08	7.23E-10	1.18E-05	7.81E-08	1.56E-08	1.56E-15	7.81E-09	1.87E-10	1.38E-10	3.83E-10	1.26E-09	7.46E-09	1.19E-10	2.69E-09	1.37E-07	1.27E-08	1.63E-07
2606	NG_1302	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.157	7.46E-07	1.35E-06	Not Modelled	1.77E-08	6.90E-10	1.10E-05	7.46E-08	1.49E-08	1.49E-15	7.46E-09	1.78E-10	1.31E-10	3.66E-10	1.20E-09	7.12E-09	1.14E-10	2.57E-09	1.31E-07	1.21E-08	1.56E-07
2607	NG_1303	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.157	7.01E-07	1.28E-06	Not Modelled	1.61E-08	6.48E-10	9.93E-06	7.00E-08	1.40E-08	1.40E-15	7.01E-09	1.68E-10	1.23E-10	3.44E-10	1.13E-09	6.69E-09	1.07E-10	2.41E-09	1.23E-07	1.14E-08	1.46E-07
2608	NG_1304	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.157	6.56E-07	1.20E-06	Not Modelled	1.45E-08	6.07E-10	8.97E-06	6.56E-08	1.31E-08	1.31E-15	6.56E-09	1.57E-10	1.16E-10	3.22E-10	1.06E-09	6.27E-09	1.00E-10	2.26E-09	1.15E-07	1.06E-08	1.37E-07
2609	NG_1305	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.157	6.17E-07	1.13E-06	Not Modelled	1.32E-08	5.71E-10	8.17E-06	6.17E-08	1.23E-08	1.23E-15	6.17E-09	1.48E-10	1.09E-10	3.03E-10	9.97E-10	5.89E-09	9.42E-11	2.13E-09	1.08E-07	1.00E-08	1.29E-07
2610	NG_1306	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.157	5.85E-07	1.07E-06	Not Modelled	1.22E-08	5.41E-10	7.53E-06	5.85E-08	1.17E-08	1.17E-15	5.85E-09	1.40E-10	1.03E-10	2.87E-10	9.44E-10	5.58E-09	8.93E-11	2.02E-09	1.02E-07	9.48E-09	1.22E-07
2611	NG_1307	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.157	5.54E-07	1.01E-06	Not Modelled	1.13E-08	5.13E-10	6.94E-06	5.54E-08	1.11E-08	1.11E-15	5.54E-09	1.33E-10	9.77E-11	2.72E-10	8.95E-10	5.29E-09	8.46E-11	1.91E-09	9.70E-08	8.99E-09	1.16E-07
2612	NG_1308	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.157	5.25E-07	9.61E-07	Not Modelled	1.04E-08	4.86E-10	6.40E-06	5.25E-08	1.05E-08	1.05E-15	5.25E-09	1.26E-10	9.26E-11	2.58E-10	8.48E-10	5.01E-09	8.02E-11	1.81E-09	9.19E-08	8.52E-09	1.10E-07
2613	NG_1309	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.157	5.02E-07	9.19E-07	Not Modelled	9.76E-09	4.64E-10	5.98E-06	5.02E-08	1.00E-08	1.00E-15	5.02E-09	1.20E-10	8.84E-11	2.46E-10	8.10E-10	4.79E-09	7.66E-11	1.73E-09	8.78E-08	8.14E-09	1.05E-07
2614	NG_1310	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.157	4.85E-07	8.90E-07	Not Modelled	9.30E-09	4.49E-10	5.69E-06	4.85E-08	9.69E-09	9.69E-16	4.85E-09	1.16E-10	8.54E-11	2.38E-10	7.83E-10	4.63E-09	7.40E-11	1.67E-09	8.49E-08	7.86E-09	1.01E-07
2615	NG_1311	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.157	4.73E-07	8.70E-07	Not Modelled	8.99E-09	4.37E-10	5.48E-06	4.73E-08	9.45E-09	9.45E-16	4.73E-09	1.13E-10	8.33E-11	2.32E-10	7.63E-10	4.51E-09	7.22E-11	1.63E-09	8.28E-08	7.67E-09	9.87E-08
2616	NG_1312	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.157	4.63E-07	8.53E-07	Not Modelled	8.74E-09	4.28E-10	5.30E-06	4.63E-08	9.25E-09	9.25E-16	4.63E-09	1.11E-10	8.15E-11	2.27E-10	7.47E-10	4.42E-09	7.06E-11	1.59E-09	8.10E-08	7.50E-09	9.65E-08
2617	NG_1313	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.207	3.00E-07	5.14E-07	Not Modelled	1.29E-08	2.77E-10	7.47E-06	2.99E-08	5.99E-09	5.99E-16	3.00E-09	7.16E-11	5.28E-11	1.47E-10	4.84E-10	2.86E-09	4.57E-11	1.03E-09	5.24E-08	4.86E-09	6.25E-08
2618	NG_1314	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.207	3.22E-07	5.50E-07	Not Modelled	1.37E-08	2.98E-10	7.87E-06	3.21E-08	6.43E-09	6.43E-16	3.22E-09	7.69E-11	5.67E-11	1.58E-10	5.19E-10	3.07E-09	4.91E-11	1.11E-09	5.63E-08	5.22E-09	6.71E-08
2619	NG_1315	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.207	3.48E-07	5.94E-07	Not Modelled	1.44E-08	3.22E-10	8.25E-06	3.48E-08	6.96E-09	6.96E-16	3.48E-09	8.33E-11	6.13E-11	1.71E-10	5.62E-10	3.32E-09	5.31E-11	1.20E-09	6.09E-08	5.65E-09	7.26E-08
2620	NG_1316	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.207	3.82E-07	6.50E-07	Not Modelled	1.53E-08	3.53E-10	8.73E-06	3.82E-08	7.63E-09	7.63E-16	3.82E-09	9.13E-11	6.73E-11	1.87E-10	6.16E-10	3.64E-09	5.83E-11	1.32E-09	6.68E-08	6.19E-09	7.96E-08
2621	NG_1317	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.207	4.23E-07	7.18E-07	Not Modelled	1.63E-08	3.91E-10	9.23E-06	4.22E-08	8.45E-09	8.45E-16	4.22E-09	1.01E-10	7.44E-11	2.07E-10	6.82E-10	4.03E-09	6.45E-11	1.46E-09	7.39E-08	6.85E-09	8.81E-08
2622	NG_1318	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.207	4.75E-07	8.07E-07	Not Modelled	1.76E-08	4.39E-10	9.90E-06	4.75E-08	9.49E-09	9.49E-16	4.75E-09	1.14E-10	8.37E-11	2.33E-10	7.67E-10	4.53E-09	7.25E-11	1.64E-09	8.31E-08	7.70E-09	9.91E-08
2623	NG_1319	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.207	5.41E-07	9.20E-07	Not Modelled	1.92E-08	5.01E-10	1.07E-05	5.41E-08	1.08E-08	1.08E-15	5.41E-09	1.29E-10	9.54E-11	2.65E-10	8.74E-10	5.16E-09	8.26E-11	1.86E-09	9.47E-08	8.78E-09	1.13E-07
2624	NG_1320	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.207	6.29E-07	1.07E-06	Not Modelled	2.13E-08	5.82E-10	1.20E-05	6.29E-08	1.26E-08	1.26E-15	6.29E-09	1.50E-10	1.11E-10	3.08E-10	1.02E-09	6.00E-09	9.60E-11	2.17E-09	1.10E-07	1.02E-08	1.31E-07
2625	NG_1321	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.207	7.37E-07	1.27E-06	Not Modelled	2.39E-08	6.82E-10	1.34E-05	7.37E-08	1.47E-08	1.47E-15	7.37E-09	1.76E-10	1.30E-10	3.61E-10	1.19E-09	7.03E-09	1.12E-10	2.54E-09	1.29E-07	1.20E-08	1.54E-07
2626	NG_1322	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.207	8.71E-07	1.51E-06	Not Modelled	2.71E-08	8.05E-10	1.51E-05	8.70E-08	1.74E-08	1.74E-15	8.71E-09	2.08E-10	1.53E-10	4.27E-10	1.41E-09	8.31E-09	1.33E-10	3.00E-09	1.52E-07	1.41E-08	1.82E-07
2627	NG_1323	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.207	1.02E-06	1.78E-06	Not Modelled	3.07E-08	9.44E-10	1.70E-05	1.02E-07	2.04E-08	2.04E-15	1.02E-08	2.44E-10	1.80E-10	5.00E-10	1.65E-09	9.74E-09	1.56E-10	3.52E-09	1.79E-07	1.66E-08	2.13E-07
2628	NG_1324	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.207	1.19E-06	2.08E-06	Not Modelled	3.50E-08	1.10E-09	1.94E-05	1.19E-07	2.38E-08	2.38E-15	1.19E-08	2.85E-10	2.10E-10	5.83E-10	1.92E-09	1.14E-08	1.82E-10	4.10E-09	2.08E-07	1.93E-08	2.48E-07
2629	NG_1325	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.207	1.35E-06	2.37E-06	Not Modelled	3.94E-08	1.25E-09	2.17E-05	1.35E-07	2.69E-08	2.69E-15	1.35E-08	3.22E-10	2.37E-10	6.60E-10	2.17E-09	1.29E-08	2.06E-10	4.64E-09	2.36E-07	2.18E-08	2.81E-07
2630	NG_1326	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.207	1.47E-06	2.59E-06	Not Modelled	4.36E-08	1.36E-09	2.39E-05	1.47E-07	2.94E-08	2.94E-15	1.47E-08	3.52E-10	2.59E-10	7.21E-10	2.37E-09	1.40E-08	2.24E-10	5.07E-09	2.57E-07	2.39E-08	3.07E-07
2631	NG_1327	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.207	1.54E-06	2.70E-06	Not Modelled	4.69E-08	1.42E-09	2.54E-05	1.54E-07	3.08E-08	3.08E-15	1.54E-08	3.68E-10	2.71E-10	7.54E-10	2.48E-09	1.47E-08	2.35E-10	5.30E-09	2.69E-07	2.50E-08	3.21E-07
2632	NG_1328	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.207	1.55E-06	2.70E-06	Not Modelled	4.88E-08	1.43E-09	2.60E-05	1.55E-07	3.10E-08	3.10E-15	1.55E-08	3.71E-10	2.73E-10	7.60E-10	2.50E-09	1.48E-08	2.37E-10	5.34E-09	2.71E-07	2.51E-08	3.23E-07
2637	NG_1333	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.207	1.18E-06	2.02E-06	Not Modelled	3.80E-08	1.09E-09	1.80E-05	1.18E-07	2.36E-08	2.36E-15	1.18E-08	2.82E-10	2.08E-10	5.78E-10	1.90E-09	1.13E-08	1.80E-10	4.06E-09	2.06E-07	1.91E-08	2.46E-07
2638	NG_1334	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.207	1.09E-06	1.86E-06	Not Modelled	3.37E-08	1.01E-09	1.60E-05	1.09E-07	2.17E-08	2.17E-15	1.09E-08	2.60E-10	1.91E-10	5.33E-10	1.75E-09	1.04E-08	1.66E-10	3.75E-09	1.90E-07	1.76E-08	2.27E-07
2639	NG_1335	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.207	1.01E-06	1.74E-06	Not Modelled	3.00E-08	9.38E-10	1.46E-05	1.01E-07	2.03E-08	2.03E-15	1.01E-08	2.42E-10	1.79E-10	4.97E-10	1.64E-09	9.67E-09	1.55E-10	3.49E-09	1.77E-07	1.64E-08	2.11E-07
2640	NG_1336	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.207	9.58E-07	1.65E-06	Not Modelled	2.69E-08	8.86E-10	1.36E-05	9.57E-08	1.91E-08	1.91E-15	9.58E-09	2.29E-10	1.69E-10	4.70E-10	1.55E-09	9.14E-09	1.46E-10	3.30E-09	1.68E-07	1.55E-08	2.00E-07
2641	NG_1337	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.207	9.20E-07	1.60E-06	Not Modelled	2.46E-08	8.51E-10	1.30E-05	9.20E-08	1.84E-08	1.84E-15	9.20E-09	2.20E-10	1.62E-10	4.51E-10	1.49E-09	8.78E-09	1.40E-10	3.17E-09	1.61E-07	1.49E-08	1.92E-07
2642	NG_1338	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.207	8.97E-07	1.57E-06	Not Modelled	2.30E-08	8.30E-10	1.27E-05	8.97E-08	1.79E-08	1.79E-15	8.97E-09	2.15E-10	1.58E-10	4.40E-10	1.45E-09	8.57E-09	1.37E-10	3.09E-09	1.57E-07	1.46E-08	1.87E-07
2643	NG_1339	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.207	8.81E-07	1.56E-06	Not Modelled	2.18E-08	8.15E-10	1.25E-05	8.81E-08	1.76E-08	1.76E-15	8.81E-09	2.11E-10	1.55E-10	4.32E-10	1.42E-09	8.41E-09	1.35E-10	3.04E-09	1.54E-07	1.43E-08	1.84E-07
2644	NG_1340	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.207	8.69E-07	1.55E-06	Not Modelled	2.10E-08	8.04E-10	1.23E-05	8.68E-08	1.74E-08	1.74E-15	8.69E-09	2.08E-10	1.53E-10	4.26E-10	1.40E-09	8.29E-09	1.33E-10	2.99E-09	1.52E-07	1.41E-08	1.81E-07
2645	NG_1341	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.207	8.48E-07	1.53E-06	Not Modelled	1.99E-08	7.85E-10	1.19E-05	8.48E-08	1.70E-08	1.70E-15	8.49E-09	2.03E-10	1.50E-10	4.16E-10	1.37E-09	8.10E-09	1.30E-10	2.92E-09	1.49E-07	1.38E-08	1.77E-07
2646	NG_1342	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.207	8.18E-07	1.48E-06	Not Modelled	1.87E-08	7.57E-10	1.13E-05	8.18E-08	1.64E-08	1.64E-15	8.18E-09	1.96E-10	1.44E-10	4.01E-10	1.32E-09	7.81E-09	1.25E-10	2.82E-09	1.43E-07	1.33E-08	1.71E-07
2647	NG_1343	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.207	7.77E-07	1.41E-06	Not Modelled	1.73E-08	7.19E-10	1.05E-05	7.77E-08	1.55E-08	1.55E-15	7.77E-09	1.86E-10	1.37E-10	3.81E-10	1.25E-09	7.42E-09	1.19E-10	2.68E-09	1.36E-07	1.26E-08	1.62E-07
2648	NG_1344	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.207	7.31E-07	1.33E-06	Not Modelled	1.58E-08	6.77E-10	9.59E-06	7.31E-08	1.46E-08	1.46E-15	7.32E-09	1.75E-10	1.29E-10	3.59E-10	1.18E-09	6.98E-09	1.12E-10	2.52E-09	1.28E-07	1.19E-08	1.53E-07
2649	NG_1345	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.207	6.89E-07	1.26E-06	Not Modelled	1.46E-08	6.38E-10	8.81E-06	6.89E-08	1.38E-08	1.38E-15	6.89E-09	1.65E-10	1.21E-10	3.38E-10	1.11E-09	6.58E-09	1.05E-10	2.38E-09	1.21E-07	1.12E-08	1.44E-07
2650	NG_1346	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.207	6.49E-07	1.18E-06	Not Modelled	1.34E-08	6.01E-10	8.10E-06	6.49E-08	1.30E-08	1.30E-15	6.49E-09	1.55E-10	1.14E-10	3.18E-10	1.05E-09	6.20E-09	9.91E-11	2.24E-09	1.14E-07	1.05E-08	1.35E-07
2651	NG_1347	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.207	6.13E-07	1.12E-06	Not Modelled	1.24E-08	5.67E-10	7.49E-06	6.13E-08	1.23E-08	1.23E-15	6.13E-09	1.47E-10	1.08E-10	3.01E-10	9.90E-10	5.85E-09	9.36E-11	2.11E-09	1.07E-07	9.94E-09	1.28E-07
2652	NG_1348	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.207	5.74E-07	1.05E-06	Not Modelled	1.14E-08	5.31E-10	6.82E-06	5.74E-08	1.15E-08	1.15E-15	5.74E-09	1.37E-10	1.01E-10	2.82E-10	9.27E-10	5.48E-09	8.77E-11	1.98E-09	1.01E-07	9.31E-09	1.20E-07
2653	NG_1349	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.207	5.42E-07	9.91E-07	Not Modelled	1.05E-08	5.01E-10	6.29E-06	5.42E-08	1.08E-08	1.08E-15	5.42E-09	1.30E-10	9.55E-11	2.66E-10	8.75E-10	5.17E-09	8.27E-11	1.87E-09	9.49E-08	8.79E-09	1.13E-07
2654	NG_1350	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.207	5.15E-07	9.42E-07	Not Modelled	9.80E-09	4.76E-10	5.86E-06	5.14E-08	1.03E-08	1.03E-15	5.15E-09	1.23E-10	9.07E-11	2.52E-10	8.31E-10	4.91E-09	7.86E-11	1.77E-09	9.01E-08	8.35E-09	1.07E-07
2655	NG_1351	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.207	4.94E-07	9.05E-07	Not Modelled	9.25E-09	4.57E-10	5.53E-06	4.93E-08	9.87E-09	9.87E-16	4.94E-09	1.18E-10	8.70E-11	2.42E-10	7.97E-10	4.71E-09	7.53E-11	1.70E-09	8.64E-08	8.01E-09	1.03E-07
2656	NG_1352	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.207	4.76E-07	8.74E-07	Not Modelled	8.83E-09	4.40E-10	5.27E-06	4.76E-08	9.52E-09	9.52E-16	4.76E-09	1.14E-10	8.39E-11	2.33E-10	7.69E-10	4.55E-09	7.27E-11	1.64E-09	8.33E-08	7.72E-09	9.93E-08
2657	NG_1353	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.207	4.62E-07	8.49E-07	Not Modelled	8.49E-09	4.27E-10	5.05E-06	4.62E-08	9.23E-09	9.23E-16	4.62E-09	1.10E-10	8.14E-11	2.26E-10	7.45E-10	4.41E-09	7.05E-11	1.59E-09	8.08E-08	7.49E-09	9.63E-08
2658	NG_1354	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.257	3.14E-07	5.34E-07	Not Modelled	1.23E-08	2.90E-10	7.08E-06	3.13E-08	6.27E-09	6.27E-16	3.13E-09	7.50E-11	5.52E-11	1.54E-10	5.06E-10	2.99E-09	4.78E-11	1.08E-09	5.49E-08	5.08E-09	6.54E-08
2659	NG_1355	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.257	3.37E-07	5.73E-07	Not Modelled	1.29E-08	3.12E-10	7.42E-06	3.37E-08	6.74E-09	6.74E-16	3.37E-09	8.06E-11	5.94E-11	1.65E-10	5.44E-10	3.22E-09	5.14E-11	1.16E-09	5.90E-08	5.47E-09	7.03E-08
2660	NG_1356	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.257	3.66E-07	6.21E-07	Not Modelled	1.37E-08	3.38E-10	7.79E-06	3.66E-08	7.31E-09	7.31E-16	3.66E-09	8.75E-11	6.45E-11	1.79E-10	5.91E-10	3.49E-09	5.58E-11	1.26E-09	6.40E-08	5.93E-09	7.63E-08
2661	NG_1357	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.257	4.02E-07	6.81E-07	Not Modelled	1.46E-08	3.72E-10	8.23E-06	4.02E-08	8.03E-09	8.03E-16	4.02E-09	9.61E-11	7.08E-11	1.97E-10	6.49E-10	3.83E-09	6.13E-11	1.38E-09	7.03E-08	6.52E-09	8.38E-08
2662	NG_1358	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.257	4.46E-07	7.56E-07	Not Modelled	1.57E-08	4.13E-10	8.73E-06	4.46E-08	8.92E-09	8.92E-16	4.46E-09	1.07E-10	7.86E-11	2.19E-10	7.20E-10	4.26E-09	6.81E-11	1.54E-09	7.81E-08	7.24E-09	9.31E-08
2663	NG_1359	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.257	5.02E-07	8.51E-07	Not Modelled	1.70E-08	4.64E-10	9.36E-06	5.02E-08	1.00E-08	1.00E-15	5.02E-09	1.20E-10	8.84E-11	2.46E-10	8.10E-10	4.79E-09	7.66E-11	1.73E-09	8.78E-08	8.14E-09	1.05E-07
2664	NG_1360	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.257	5.74E-07	9.77E-07	Not Modelled	1.87E-08	5.31E-10	1.03E-05	5.74E-08	1.15E-08	1.15E-15	5.74E-09	1.37E-10	1.01E-10	2.81E-10	9.27E-10	5.48E-09	8.76E-11	1.98E-09	1.00E-07	9.31E-09	1.20E-07
2665	NG_1361	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.257	6.67E-07	1.14E-06	Not Modelled	2.09E-08	6.17E-10	1.15E-05	6.67E-08	1.33E-08	1.33E-15	6.67E-09	1.59E-10	1.18E-10	3.27E-10	1.08E-09	6.36E-09	1.02E-10	2.30E-09	1.17E-07	1.08E-08	1.39E-07
2666	NG_1362	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.257	7.79E-07	1.34E-06	Not Modelled	2.36E-08	7.21E-10	1.29E-05	7.79E-08	1.56E-08	1.56E-15	7.79E-09	1.86E-10	1.37E-10	3.82E-10	1.26E-09	7.44E-09	1.19E-10	2.68E-09	1.36E-07	1.26E-08	1.63E-07

AQIA DATA - SCENARIO 2 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2667	NG_1363	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.257	9.09E-07	1.57E-06	Not Modelled	2.68E-08	8.41E-10	1.44E-05	9.09E-08	1.82E-08	1.82E-15	9.09E-09	2.17E-10	1.60E-10	4.46E-10	1.47E-09	8.68E-09	1.39E-10	3.13E-09	1.59E-07	1.47E-08	1.90E-07
2668	NG_1364	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.257	1.06E-06	1.85E-06	Not Modelled	3.05E-08	9.82E-10	1.63E-05	1.06E-07	2.12E-08	2.12E-15	1.06E-08	2.54E-10	1.87E-10	5.20E-10	1.71E-09	1.01E-08	1.62E-10	3.66E-09	1.86E-07	1.72E-08	2.21E-07
2669	NG_1365	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.257	1.23E-06	2.15E-06	Not Modelled	3.46E-08	1.13E-09	1.85E-05	1.22E-07	2.45E-08	2.45E-15	1.23E-08	2.93E-10	2.16E-10	6.01E-10	1.98E-09	1.17E-08	1.87E-10	4.22E-09	2.14E-07	1.99E-08	2.56E-07
2670	NG_1366	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.257	1.38E-06	2.43E-06	Not Modelled	3.88E-08	1.27E-09	2.07E-05	1.38E-07	2.75E-08	2.75E-15	1.38E-08	3.30E-10	2.43E-10	6.76E-10	2.22E-09	1.32E-08	2.10E-10	4.75E-09	2.41E-07	2.23E-08	2.88E-07
2671	NG_1367	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.257	1.48E-06	2.61E-06	Not Modelled	4.22E-08	1.37E-09	2.24E-05	1.48E-07	2.96E-08	2.96E-15	1.48E-08	3.55E-10	2.61E-10	7.27E-10	2.39E-09	1.42E-08	2.26E-10	5.11E-09	2.60E-07	2.41E-08	3.09E-07
2672	NG_1368	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.257	1.53E-06	2.68E-06	Not Modelled	4.45E-08	1.41E-09	2.33E-05	1.53E-07	3.05E-08	3.05E-15	1.53E-08	3.65E-10	2.69E-10	7.49E-10	2.47E-09	1.46E-08	2.33E-10	5.26E-09	2.67E-07	2.48E-08	3.19E-07
2673	NG_1369	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.257	1.52E-06	2.65E-06	Not Modelled	4.56E-08	1.41E-09	2.34E-05	1.52E-07	3.04E-08	3.04E-15	1.52E-08	3.64E-10	2.68E-10	7.46E-10	2.46E-09	1.45E-08	2.32E-10	5.24E-09	2.66E-07	2.47E-08	3.17E-07
2678	NG_1374	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.257	1.17E-06	1.99E-06	Not Modelled	3.44E-08	1.08E-09	1.59E-05	1.17E-07	2.34E-08	2.34E-15	1.17E-08	2.79E-10	2.06E-10	5.73E-10	1.89E-09	1.12E-08	1.78E-10	4.03E-09	2.05E-07	1.90E-08	2.44E-07
2679	NG_1375	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.257	1.09E-06	1.86E-06	Not Modelled	3.07E-08	1.01E-09	1.43E-05	1.09E-07	2.18E-08	2.18E-15	1.09E-08	2.60E-10	1.92E-10	5.34E-10	1.76E-09	1.04E-08	1.66E-10	3.75E-09	1.91E-07	1.77E-08	2.27E-07
2680	NG_1376	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.257	1.02E-06	1.75E-06	Not Modelled	2.75E-08	9.45E-10	1.31E-05	1.02E-07	2.04E-08	2.04E-15	1.02E-08	2.44E-10	1.80E-10	5.01E-10	1.65E-09	9.75E-09	1.56E-10	3.52E-09	1.79E-07	1.66E-08	2.13E-07
2681	NG_1377	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.257	9.70E-07	1.67E-06	Not Modelled	2.50E-08	8.98E-10	1.23E-05	9.70E-08	1.94E-08	1.94E-15	9.71E-09	2.32E-10	1.71E-10	4.76E-10	1.57E-09	9.26E-09	1.48E-10	3.34E-09	1.70E-07	1.57E-08	2.03E-07
2682	NG_1378	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.257	9.37E-07	1.63E-06	Not Modelled	2.31E-08	8.67E-10	1.19E-05	9.37E-08	1.87E-08	1.87E-15	9.37E-09	2.24E-10	1.65E-10	4.60E-10	1.51E-09	8.95E-09	1.43E-10	3.23E-09	1.64E-07	1.52E-08	1.96E-07
2683	NG_1379	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.257	9.14E-07	1.60E-06	Not Modelled	2.17E-08	8.45E-10	1.17E-05	9.13E-08	1.83E-08	1.83E-15	9.14E-09	2.19E-10	1.61E-10	4.48E-10	1.48E-09	8.72E-09	1.39E-10	3.15E-09	1.60E-07	1.48E-08	1.91E-07
2684	NG_1380	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.257	8.97E-07	1.58E-06	Not Modelled	2.07E-08	8.29E-10	1.16E-05	8.96E-08	1.79E-08	1.79E-15	8.97E-09	2.14E-10	1.58E-10	4.40E-10	1.45E-09	8.56E-09	1.37E-10	3.09E-09	1.57E-07	1.45E-08	1.87E-07
2685	NG_1381	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.257	8.83E-07	1.57E-06	Not Modelled	2.00E-08	8.17E-10	1.15E-05	8.83E-08	1.76E-08	1.76E-15	8.83E-09	2.11E-10	1.56E-10	4.33E-10	1.43E-09	8.43E-09	1.35E-10	3.04E-09	1.55E-07	1.43E-08	1.84E-07
2686	NG_1382	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.257	8.68E-07	1.56E-06	Not Modelled	1.92E-08	8.03E-10	1.13E-05	8.68E-08	1.74E-08	1.74E-15	8.68E-09	2.08E-10	1.53E-10	4.26E-10	1.40E-09	8.29E-09	1.33E-10	2.99E-09	1.52E-07	1.41E-08	1.81E-07
2687	NG_1383	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.257	8.40E-07	1.52E-06	Not Modelled	1.82E-08	7.77E-10	1.09E-05	8.40E-08	1.68E-08	1.68E-15	8.40E-09	2.01E-10	1.48E-10	4.12E-10	1.36E-09	8.02E-09	1.28E-10	2.89E-09	1.47E-07	1.36E-08	1.75E-07
2688	NG_1384	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.257	7.95E-07	1.44E-06	Not Modelled	1.69E-08	7.36E-10	1.01E-05	7.95E-08	1.59E-08	1.59E-15	7.96E-09	1.90E-10	1.40E-10	3.90E-10	1.28E-09	7.59E-09	1.21E-10	2.74E-09	1.39E-07	1.29E-08	1.66E-07
2689	NG_1385	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.257	7.51E-07	1.37E-06	Not Modelled	1.57E-08	6.95E-10	9.29E-06	7.51E-08	1.50E-08	1.50E-15	7.51E-09	1.80E-10	1.32E-10	3.68E-10	1.21E-09	7.17E-09	1.15E-10	2.59E-09	1.31E-07	1.22E-08	1.57E-07
2690	NG_1386	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.257	7.08E-07	1.29E-06	Not Modelled	1.45E-08	6.55E-10	8.58E-06	7.08E-08	1.42E-08	1.42E-15	7.08E-09	1.69E-10	1.25E-10	3.47E-10	1.14E-09	6.76E-09	1.08E-10	2.44E-09	1.24E-07	1.15E-08	1.48E-07
2691	NG_1387	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.257	6.70E-07	1.22E-06	Not Modelled	1.36E-08	6.20E-10	8.01E-06	6.70E-08	1.34E-08	1.34E-15	6.70E-09	1.60E-10	1.18E-10	3.29E-10	1.08E-09	6.40E-09	1.02E-10	2.31E-09	1.17E-07	1.09E-08	1.40E-07
2692	NG_1388	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.257	6.30E-07	1.15E-06	Not Modelled	1.25E-08	5.82E-10	7.38E-06	6.29E-08	1.26E-08	1.26E-15	6.30E-09	1.51E-10	1.11E-10	3.09E-10	1.02E-09	6.01E-09	9.61E-11	2.17E-09	1.10E-07	1.02E-08	1.31E-07
2693	NG_1389	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.257	5.89E-07	1.08E-06	Not Modelled	1.15E-08	5.44E-10	6.75E-06	5.88E-08	1.18E-08	1.18E-15	5.89E-09	1.41E-10	1.04E-10	2.89E-10	9.50E-10	5.62E-09	8.99E-11	2.03E-09	1.03E-07	9.55E-09	1.23E-07
2694	NG_1390	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.257	5.50E-07	1.00E-06	Not Modelled	1.06E-08	5.08E-10	6.15E-06	5.49E-08	1.10E-08	1.10E-15	5.50E-09	1.31E-10	9.69E-11	2.69E-10	8.87E-10	5.25E-09	8.39E-11	1.89E-09	9.62E-08	8.91E-09	1.15E-07
2695	NG_1391	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.257	5.21E-07	9.52E-07	Not Modelled	9.84E-09	4.82E-10	5.74E-06	5.21E-08	1.04E-08	1.04E-15	5.21E-09	1.25E-10	9.18E-11	2.55E-10	8.41E-10	4.97E-09	7.95E-11	1.79E-09	9.11E-08	8.45E-09	1.09E-07
2696	NG_1392	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.257	4.99E-07	9.14E-07	Not Modelled	9.29E-09	4.62E-10	5.44E-06	4.99E-08	9.98E-09	9.98E-16	4.99E-09	1.19E-10	8.79E-11	2.45E-10	8.06E-10	4.76E-09	7.62E-11	1.72E-09	8.73E-08	8.09E-09	1.04E-07
2697	NG_1393	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.257	4.78E-07	8.76E-07	Not Modelled	8.77E-09	4.42E-10	5.13E-06	4.78E-08	9.55E-09	9.55E-16	4.78E-09	1.14E-10	8.42E-11	2.34E-10	7.71E-10	4.56E-09	7.29E-11	1.65E-09	8.36E-08	7.75E-09	9.97E-08
2698	NG_1394	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.257	4.58E-07	8.41E-07	Not Modelled	8.32E-09	4.24E-10	4.86E-06	4.58E-08	9.16E-09	9.16E-16	4.58E-09	1.10E-10	8.07E-11	2.25E-10	7.39E-10	4.37E-09	6.99E-11	1.58E-09	8.02E-08	7.43E-09	9.56E-08
2699	NG_1395	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.307	3.30E-07	5.60E-07	Not Modelled	1.17E-08	3.05E-10	6.71E-06	3.30E-08	6.60E-09	6.60E-16	3.30E-09	7.89E-11	5.81E-11	1.62E-10	5.33E-10	3.15E-09	5.04E-11	1.14E-09	5.77E-08	5.35E-09	6.88E-08
2700	NG_1396	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.307	3.56E-07	6.03E-07	Not Modelled	1.23E-08	3.29E-10	7.01E-06	3.55E-08	7.11E-09	7.11E-16	3.56E-09	8.50E-11	6.26E-11	1.74E-10	5.74E-10	3.39E-09	5.43E-11	1.23E-09	6.22E-08	5.77E-09	7.42E-08
2701	NG_1397	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.307	3.88E-07	6.56E-07	Not Modelled	1.31E-08	3.58E-10	7.38E-06	3.87E-08	7.74E-09	7.74E-16	3.87E-09	9.26E-11	6.82E-11	1.90E-10	6.25E-10	3.70E-09	5.91E-11	1.33E-09	6.78E-08	6.28E-09	8.08E-08
2702	NG_1398	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.307	4.26E-07	7.22E-07	Not Modelled	1.40E-08	3.94E-10	7.81E-06	4.26E-08	8.51E-09	8.51E-16	4.26E-09	1.02E-10	7.50E-11	2.09E-10	6.87E-10	4.06E-09	6.50E-11	1.47E-09	7.45E-08	6.91E-09	8.89E-08
2703	NG_1399	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.307	4.73E-07	8.02E-07	Not Modelled	1.51E-08	4.38E-10	8.31E-06	4.73E-08	9.46E-09	9.46E-16	4.73E-09	1.13E-10	8.34E-11	2.32E-10	7.64E-10	4.52E-09	7.22E-11	1.63E-09	8.28E-08	7.67E-09	9.87E-08
2704	NG_1400	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.307	5.32E-07	9.02E-07	Not Modelled	1.65E-08	4.92E-10	8.93E-06	5.31E-08	1.06E-08	1.06E-15	5.31E-09	1.27E-10	9.36E-11	2.61E-10	8.58E-10	5.07E-09	8.11E-11	1.83E-09	9.30E-08	8.62E-09	1.11E-07
2705	NG_1401	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.307	6.08E-07	1.04E-06	Not Modelled	1.84E-08	5.62E-10	9.86E-06	6.08E-08	1.22E-08	1.22E-15	6.08E-09	1.45E-10	1.07E-10	2.98E-10	9.81E-10	5.80E-09	9.28E-11	2.09E-09	1.06E-07	9.86E-09	1.27E-07
2706	NG_1402	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.307	7.06E-07	1.21E-06	Not Modelled	2.08E-08	6.53E-10	1.11E-05	7.05E-08	1.41E-08	1.41E-15	7.06E-09	1.69E-10	1.24E-10	3.46E-10	1.14E-09	6.73E-09	1.08E-10	2.43E-09	1.23E-07	1.14E-08	1.47E-07
2707	NG_1403	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.307	8.18E-07	1.41E-06	Not Modelled	2.35E-08	7.56E-10	1.25E-05	8.17E-08	1.63E-08	1.63E-15	8.18E-09	1.96E-10	1.44E-10	4.01E-10	1.32E-09	7.80E-09	1.25E-10	2.82E-09	1.43E-07	1.33E-08	1.71E-07
2708	NG_1404	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.307	9.39E-07	1.63E-06	Not Modelled	2.64E-08	8.68E-10	1.38E-05	9.38E-08	1.88E-08	1.88E-15	9.39E-09	2.25E-10	1.65E-10	4.60E-10	1.52E-09	8.96E-09	1.43E-10	3.23E-09	1.64E-07	1.52E-08	1.96E-07
2709	NG_1405	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.307	1.08E-06	1.88E-06	Not Modelled	2.98E-08	9.99E-10	1.54E-05	1.08E-07	2.16E-08	2.16E-15	1.08E-08	2.58E-10	1.90E-10	5.29E-10	1.74E-09	1.03E-08	1.65E-10	3.72E-09	1.89E-07	1.75E-08	2.25E-07
2710	NG_1406	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.307	1.24E-06	2.17E-06	Not Modelled	3.38E-08	1.14E-09	1.75E-05	1.24E-07	2.47E-08	2.47E-15	1.24E-08	2.96E-10	2.18E-10	6.06E-10	2.00E-09	1.18E-08	1.89E-10	4.26E-09	2.17E-07	2.01E-08	2.58E-07
2711	NG_1407	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.307	1.38E-06	2.42E-06	Not Modelled	3.77E-08	1.27E-09	1.95E-05	1.38E-07	2.75E-08	2.75E-15	1.38E-08	3.29E-10	2.43E-10	6.75E-10	2.22E-09	1.31E-08	2.10E-10	4.74E-09	2.41E-07	2.23E-08	2.87E-07
2712	NG_1408	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.307	1.46E-06	2.58E-06	Not Modelled	4.07E-08	1.36E-09	2.08E-05	1.46E-07	2.93E-08	2.93E-15	1.47E-08	3.50E-10	2.58E-10	7.18E-10	2.37E-09	1.40E-08	2.24E-10	5.05E-09	2.56E-07	2.38E-08	3.06E-07
2713	NG_1409	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.307	1.49E-06	2.61E-06	Not Modelled	4.24E-08	1.38E-09	2.13E-05	1.49E-07	2.98E-08	2.98E-15	1.49E-08	3.57E-10	2.63E-10	7.31E-10	2.41E-09	1.42E-08	2.28E-10	5.14E-09	2.61E-07	2.42E-08	3.11E-07
2714	NG_1410	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.307	1.48E-06	2.56E-06	Not Modelled	4.30E-08	1.37E-09	2.12E-05	1.48E-07	2.95E-08	2.95E-15	1.48E-08	3.53E-10	2.60E-10	7.24E-10	2.38E-09	1.41E-08	2.25E-10	5.09E-09	2.58E-07	2.39E-08	3.08E-07
2715	NG_1411	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.307	1.44E-06	2.49E-06	Not Modelled	4.29E-08	1.33E-09	2.07E-05	1.44E-07	2.88E-08	2.88E-15	1.44E-08	3.45E-10	2.54E-10	7.07E-10	2.33E-09	1.38E-08	2.20E-10	4.97E-09	2.52E-07	2.34E-08	3.01E-07
2716	NG_1412	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.307	1.40E-06	2.40E-06	Not Modelled	4.18E-08	1.29E-09	2.00E-05	1.40E-07	2.79E-08	2.79E-15	1.40E-08	3.34E-10	2.46E-10	6.84E-10	2.25E-09	1.33E-08	2.13E-10	4.81E-09	2.44E-07	2.26E-08	2.91E-07
2717	NG_1413	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.307	1.32E-06	2.27E-06	Not Modelled	3.92E-08	1.22E-09	1.83E-05	1.32E-07	2.65E-08	2.65E-15	1.32E-08	3.17E-10	2.33E-10	6.49E-10	2.14E-09	1.26E-08	2.02E-10	4.56E-09	2.32E-07	2.15E-08	2.76E-07
2718	NG_1414	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.307	1.23E-06	2.10E-06	Not Modelled	3.55E-08	1.14E-09	1.60E-05	1.23E-07	2.47E-08	2.47E-15	1.23E-08	2.95E-10	2.18E-10	6.05E-10	1.99E-09	1.18E-08	1.88E-10	4.25E-09	2.16E-07	2.00E-08	2.58E-07
2719	NG_1415	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.307	1.15E-06	1.96E-06	Not Modelled	3.19E-08	1.07E-09	1.42E-05	1.15E-07	2.30E-08	2.30E-15	1.15E-08	2.76E-10	2.03E-10	5.65E-10	1.86E-09	1.10E-08	1.76E-10	3.97E-09	2.02E-07	1.87E-08	2.40E-07
2720	NG_1416	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.307	1.08E-06	1.84E-06	Not Modelled	2.87E-08	1.00E-09	1.29E-05	1.08E-07	2.16E-08	2.16E-15	1.08E-08	2.59E-10	1.91E-10	5.31E-10	1.75E-09	1.03E-08	1.65E-10	3.73E-09	1.89E-07	1.76E-08	2.26E-07
2721	NG_1417	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.307	1.02E-06	1.75E-06	Not Modelled	2.59E-08	9.45E-10	1.20E-05	1.02E-07	2.04E-08	2.04E-15	1.02E-08	2.44E-10	1.80E-10	5.01E-10	1.65E-09	9.76E-09	1.56E-10	3.52E-09	1.79E-07	1.66E-08	2.13E-07
2722	NG_1418	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.307	9.73E-07	1.67E-06	Not Modelled	2.36E-08	9.00E-10	1.13E-05	9.72E-08	1.94E-08	1.94E-15	9.73E-09	2.33E-10	1.71E-10	4.77E-10	1.57E-09	9.28E-09	1.48E-10	3.35E-09	1.70E-07	1.58E-08	2.03E-07
2723	NG_1419	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.307	9.36E-07	1.62E-06	Not Modelled	2.18E-08	8.66E-10	1.10E-05	9.36E-08	1.87E-08	1.87E-15	9.37E-09	2.24E-10	1.65E-10	4.59E-10	1.51E-09	8.94E-09	1.43E-10	3.23E-09	1.64E-07	1.52E-08	1.95E-07
2724	NG_1420	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.307	9.08E-07	1.58E-06	Not Modelled	2.05E-08	8.40E-10	1.07E-05	9.08E-08	1.82E-08	1.82E-15	9.08E-09	2.17E-10	1.60E-10	4.45E-10	1.47E-09	8.67E-09	1.39E-10	3.13E-09	1.59E-07	1.47E-08	1.89E-07
2725	NG_1421	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.307	8.86E-07	1.56E-06	Not Modelled	1.95E-08	8.20E-10	1.05E-05	8.86E-08	1.77E-08	1.77E-15	8.86E-09	2.12E-10	1.56E-10	4.34E-10	1.43E-09	8.46E-09	1.35E-10	3.05E-09	1.55E-07	1.44E-08	1.85E-07
2726	NG_1422	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.307	8.77E-07	1.56E-06	Not Modelled	1.90E-08	8.11E-10	1.06E-05	8.77E-08	1.75E-08	1.75E-15	8.77E-09	2.10E-10	1.55E-10	4.30E-10	1.42E-09	8.37E-09	1.34E-10	3.02E-09	1.54E-07	1.42E-08	1.83E-07
2727	NG_1423	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.307	8.66E-07	1.55E-06	Not Modelled	1.84E-08	8.02E-10	1.06E-05	8.66E-08	1.73E-08	1.73E-15	8.67E-09	2.07E-10	1.53E-10	4.25E-10	1.40E-09	8.27E-09	1.32E-10	2.99E-09	1.52E-07	1.41E-08	1.81E-07
2728	NG_1424	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.307	8.41E-07	1.52E-06	Not Modelled	1.76E-08	7.78E-10	1.03E-05	8.41E-08	1.68E-08	1.68E-15	8.42E-09	2.01E-10	1.48E-10	4.13E-10	1.36E-09	8.03E-09	1.28E-10	2.90E-09	1.47E-07	1.36E-08	1.76E-07
2729	NG_1425	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.307	8.01E-07	1.45E-06	Not Modelled	1.65E-08	7.41E-10	9.61E-06	8.01E-08	1.60E-08	1.60E-15	8.01E-09	1.92E-10	1.41E-10	3.93E-10	1.29E-09	7.65E-09	1.22E-10	2.76E-09	1.40E-07	1.30E-08	1.67E-07
2730	NG_1426	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.307	7.55E-07	1.37E-06	Not Modelled	1.54E-08	6.98E-10	8.88E-06	7.55E-08	1.51E-08	1.51E-15	7.55E-09	1.81E-10	1.33E-10	3.70E-10	1.22E-09	7.21E-09	1.15E-10	2.60E-09	1.32E-07	1.22E-08	1.58E-07
2731	NG_1427	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.307	7.15E-07	1.30E-06	Not Modelled	1.44E-08	6.61E-10	8.31E-06	7.15E-08	1.43E-08	1.43E-15	7.15E-09	1.71E-10	1.26E-10	3.51E-10	1.15E-09	6.82E-09	1.09E-10	2.46E-09	1.25E-07	1.16E-08	1.49E-07
2732	NG_1428	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.307	6.78E-07	1.24E-06	Not Modelled	1.35E-08	6.27E-10	7.80E-06	6.77E-08	1.35E-08	1.35E-15	6.78E-09	1.62E-10	1.19E-10	3.32E-10	1.09E-09	6.47E-09	1.03E-10	2.34E-09	1.19E-07	1.10E-08	1.41E-07
2733	NG_1429	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.307	6.38E-07	1.17E-06	Not Modelled	1.26E-08	5.90E-10	7.25E-06	6.38E-08	1.28E-08	1.28E-15	6.38E-09	1.53E-10	1.12E-10	3.13E-10	1.03E-09	6.09E-09	9.74E-11	2.20E-09	1.12E-07	1.04E-08	1.33E-07
2734	NG_1430	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.307	5.95E-07	1.09E-06	Not Modelled	1.16E-08	5.51E-10	6.63E-06	5.95E-08	1.19E-08	1.19E-15	5.95E-09	1.42E-10	1.05E-10	2.92E-10	9.61E-10	5.68E-09	9.09E-11	2.05E-09	1.04E-07	9.65E-09	1.24E-07
2735	NG_1431	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.307	5.54E-07	1.01E-06	Not Modelled	1.06E-08	5.12E-10	6.04E-06	5.54E-08	1.11E-08	1.11E-15	5.54E-09	1.33E-10	9.76E-11	2.72E-10	8.94E-10	5.29E-09	8.46E-11	1.91E-09	9.70E-08	8.99E-09	1.16E-07
2736	NG_1432	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.307	5.24E-07	9.58E-07	Not Modelled	9.92E-09	4.85E-10	5.66E-06	5.24E-08	1.05E-08	1.05E-15	5.24E-09	1.25E-10	9.24E-11	2.57E-10	8.47E-10	5.01E-09	8.00E-11	1.81E-09	9.18E-08	8.50E-09	1.09E-07
2737	NG_1433	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.307	5.02E-07	9.19E-07	Not Modelled	9.37E-09	4.64E-10	5.38E-06	5.02E-08	1.00E-08	1.00E-15	5.02E-09	1.20E-10	8.85E-11	2.46E-10	8.10E-10	4.79E-09	7.66E-11	1.73E-09	8.79E-08	8.14E-09	1.05E-07
2738	NG_1434	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.307	4.79E-07	8.79E-07	Not Modelled	8.82E-09	4.43E-10	5.08E-06	4.79E-08	9.58E-09	9.58E-16	4.79E-09	1.15E-10	8.45E-11	2.35E-10	7.74E-10	4.58E-09	7.32E-11	1.65E-09	8.39E-08	7.78E-09	1.00E-07
2739	NG_1435	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.307	4.54E-07	8.32E-07	Not Modelled	8.25E-09	4.20E-10	4.73E-06	4.54E-08	9.08E-09	9.08E-16	4.54E-09	1.09E-10	8.00E-11	2.23E-10	7.33E-10	4.33E-09	6.93E-11	1.56E-09	7.95E-08	7.36E-09	9.47E-08
2740	NG_1436	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.357	3.49E-07	5.90E-07	Not Modelled	1.12E-08	3.22E-10	6.36E-06	3.48E-08	6.96E-09	6.96E-16	3.48E-09	8.33E-11	6.13E-11	1.71E-10	5.62E-10	3.32E-09	5.31E-11	1.20E-09	6.09E-08	5.65E-09	7.26E-08
2741	NG_1437	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.357	3.77E-07	6.39E-07	Not Modelled	1.18E-08	3.49E-10	6.68E-06	3.77E-08	7.53E-09	7.53E-16	3.77E-09	9.01E-11	6.64E-11	1.85E-10	6.08E-10	3.60E-09	5.75E-11	1.30E-09	6.59E-08	6.11E-09	7.86E-08
2742	NG_1438	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.357	4.12E-07	6.98E-07	Not Modelled	1.26E-08	3.81E-10	7.05E-06	4.11E-08	8.23E-09	8.23E-16	4.12E-09	9.84E-11	7.25E-11	2.02E-10	6.64E-10	3.93E-09	6.28E-11	1.42E-09	7.20E-08	6.68E-09	8.59E-08
2743	NG_1439	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.357	4.54E-07	7.69E-07	Not Modelled	1.36E-08	4.19E-10	7.49E-06	4.53E-08	9.06E-09	9.06E-16	4.53E-09	1.08E-10	7.99E-11	2.22E-10	7.32E-10	4.33E-09	6.92E-11	1.56E-09	7.93E-08	7.35E-09	9.45E-08
2744	NG_1440	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.357	5.04E-07	8.56E-07	Not Modelled	1.48E-08	4.66E-10	8.03E-06	5.03E-08	1.01E-08	1.01E-15	5.04E-09	1.20E-10	8.87E-11	2.47E-10	8.13E-10	4.81E-09	7.69E-11	1.74E-09	8.81E-08	8.17E-09	1.05E-07
2745	NG_1441	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.357	5.66E-07	9.64E-07	Not Modelled	1.63E-08	5.23E-10	8.72E-06	5.65E-08	1.13E-08	1.13E-15	5.66E-09	1.35E-10	9.97E-11	2.77E-10	9.13E-10	5.40E-09	8.63E-11	1.95E-09	9.90E-08	9.17E-09	1.18E-07
2746	NG_1442	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.357	6.43E-07	1.10E-06	Not Modelled	1.82E-08	5.95E-10	9.64E-06	6.43E-08	1.29E-08	1.29E-15	6.43E-09	1.54E-10	1.13E-10	3.15E-10	1.04E-09	6.14E-09	9.82E-11	2.22E-09	1.13E-07	1.04E-08	1.34E-07
2747	NG_1443	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.357	7.40E-07	1.27E-06	Not Modelled	2.06E-08	6.84E-10	1.08E-05	7.39E-08	1.48E-08	1.48E-15	7.40E-09	1.77E-10	1.30E-10	3.63E-10	1.19E-09	7.06E-09	1.13E-10	2.55E-09	1.29E-07	1.20E-08	1.54E-07
2748	NG_1444	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.357	8.48E-07	1.47E-06	Not Modelled	2.32E-08	7.84E-10	1.21E-05	8.48E-08	1.70E-08	1.70E-15	8.48E-09	2.03E-10	1.49E-10	4.16E-10	1.37E-09	8.09E-09	1.29E-10	2.92E-09	1.48E-07	1.38E-08	1.77E-07
2749	NG_1445	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.357	9.65E-07	1.68E-06	Not Modelled	2.61E-08	8.92E-10	1.33E-05	9.64E-08	1.93E-08	1.93E-15	9.65E-09	2.31E-10	1.70E-10	4.73E-10	1.56E-09	9.21E-09	1.47E-10	3.32E-09	1.69E-07	1.56E-08	2.01E-07
2750	NG_1446	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.357	1.09E-06	1.91E-06	Not Modelled	2.93E-08	1.01E-09	1.48E-05	1.09E-07	2.18E-08	2.18E-15	1.09E-08	2.61E-10	1.93E-10	5.36E-10	1.76E-09	1.04E-08	1.67E-10	3.77E-09	1.91E-07	1.77E-08	2.28E-07
2751	NG_1447	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.357	1.22E-06	2.15E-06	Not Modelled	3.27E-08	1.13E-09	1.64E-05	1.22E-07	2.45E-08	2.45E-15	1.22E-08	2.93E-10	2.16E-10	6.00E-10	1.98E-09	1.17E-08	1.87E-10	4.22E-09	2.14E-07	1.99E-08	2.56E-07
2752	NG_1448	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.357	1.34E-06	2.35E-06	Not Modelled	3.59E-08	1.24E-09	1.79E-05	1.34E-07	2.67E-08	2.67E-15	1.34E-08	3.20E-10	2.36E-10	6.55E-10	2.16E-09	1.28E-08	2.04E-10	4.61E-09	2.34E-07	2.17E-08	2.79E-07
2753	NG_1449	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.357	1.41E-06	2.46E-06	Not Modelled	3.84E-08	1.30E-09	1.88E-05	1.41E-07	2.81E-08	2.81E-15	1.41E-08	3.36E-10	2.48E-10	6.89E-10	2.27E-09	1.34E-08	2.15E-10	4.84E-09	2.46E-07	2.28E-08	2.93E-07
2754	NG_1450	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.357	1.43E-06	2.49E-06	Not Modelled	4.00E-08	1.32E-09	1.92E-05	1.43E-07	2.85E-08	2.85E-15	1.43E-08	3.41E-10	2.52E-10	7.00E-10	2.30E-09	1.36E-08	2.18E-10	4.92E-09	2.50E-07	2.32E-08	2.98E-07
2755	NG_1451	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.357	1.41E-06	2.45E-06	Not Modelled	4.05E-08	1.31E-09	1.91E-05	1.41E-07	2.82E-08	2.82E-15	1.41E-08	3.38E-10	2.49E-10	6.92E-10	2.28E-09	1.35E-08	2.16E-10	4.87E-09	2.47E-07	2.29E-08	2.95E-07

AQIA DATA - SCENARIO 2 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**NG_837**	**NG_837**	**#N/A**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**	**NG_837**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**379.464**	**379.464**	**#N/A**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**	**379.464**
						Y	**6367.607**	**6367.607**	**#N/A**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**	**6367.607**
2756	NG_1452	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.357	1.38E-06	2.37E-06	Not Modelled	4.01E-08	1.27E-09	1.85E-05	1.38E-07	2.75E-08	2.75E-15	1.38E-08	3.29E-10	2.43E-10	6.75E-10	2.22E-09	1.31E-08	2.10E-10	4.75E-09	2.41E-07	2.23E-08	2.87E-07
2757	NG_1453	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.357	1.33E-06	2.29E-06	Not Modelled	3.89E-08	1.23E-09	1.77E-05	1.33E-07	2.67E-08	2.67E-15	1.33E-08	3.19E-10	2.35E-10	6.54E-10	2.15E-09	1.27E-08	2.04E-10	4.59E-09	2.33E-07	2.16E-08	2.78E-07
2758	NG_1454	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.357	1.27E-06	2.18E-06	Not Modelled	3.65E-08	1.18E-09	1.63E-05	1.27E-07	2.54E-08	2.54E-15	1.27E-08	3.04E-10	2.24E-10	6.24E-10	2.05E-09	1.21E-08	1.94E-10	4.39E-09	2.23E-07	2.06E-08	2.66E-07
2759	NG_1455	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.357	1.20E-06	2.04E-06	Not Modelled	3.33E-08	1.11E-09	1.46E-05	1.20E-07	2.40E-08	2.40E-15	1.20E-08	2.87E-10	2.11E-10	5.88E-10	1.94E-09	1.15E-08	1.83E-10	4.14E-09	2.10E-07	1.95E-08	2.50E-07
2760	NG_1456	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.357	1.13E-06	1.92E-06	Not Modelled	3.02E-08	1.05E-09	1.31E-05	1.13E-07	2.26E-08	2.26E-15	1.13E-08	2.70E-10	1.99E-10	5.54E-10	1.82E-09	1.08E-08	1.73E-10	3.90E-09	1.98E-07	1.83E-08	2.36E-07
2761	NG_1457	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.357	1.07E-06	1.82E-06	Not Modelled	2.72E-08	9.86E-10	1.20E-05	1.07E-07	2.13E-08	2.13E-15	1.07E-08	2.55E-10	1.88E-10	5.22E-10	1.72E-09	1.02E-08	1.63E-10	3.67E-09	1.87E-07	1.73E-08	2.22E-07
2762	NG_1458	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.357	1.01E-06	1.72E-06	Not Modelled	2.45E-08	9.30E-10	1.11E-05	1.01E-07	2.01E-08	2.01E-15	1.01E-08	2.41E-10	1.77E-10	4.93E-10	1.62E-09	9.60E-09	1.54E-10	3.47E-09	1.76E-07	1.63E-08	2.10E-07
2763	NG_1459	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.357	9.55E-07	1.64E-06	Not Modelled	2.23E-08	8.83E-10	1.04E-05	9.55E-08	1.91E-08	1.91E-15	9.55E-09	2.28E-10	1.68E-10	4.68E-10	1.54E-09	9.12E-09	1.46E-10	3.29E-09	1.67E-07	1.55E-08	1.99E-07
2764	NG_1460	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.357	9.16E-07	1.58E-06	Not Modelled	2.07E-08	8.47E-10	1.00E-05	9.16E-08	1.83E-08	1.83E-15	9.16E-09	2.19E-10	1.61E-10	4.49E-10	1.48E-09	8.74E-09	1.40E-10	3.16E-09	1.60E-07	1.49E-08	1.91E-07
2765	NG_1461	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.357	8.85E-07	1.54E-06	Not Modelled	1.94E-08	8.19E-10	9.73E-06	8.85E-08	1.77E-08	1.77E-15	8.85E-09	2.12E-10	1.56E-10	4.34E-10	1.43E-09	8.45E-09	1.35E-10	3.05E-09	1.55E-07	1.44E-08	1.85E-07
2766	NG_1462	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.357	8.63E-07	1.51E-06	Not Modelled	1.84E-08	7.98E-10	9.59E-06	8.62E-08	1.72E-08	1.72E-15	8.63E-09	2.06E-10	1.52E-10	4.23E-10	1.39E-09	8.23E-09	1.32E-10	2.97E-09	1.51E-07	1.40E-08	1.80E-07
2767	NG_1463	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.357	8.51E-07	1.51E-06	Not Modelled	1.79E-08	7.87E-10	9.62E-06	8.51E-08	1.70E-08	1.70E-15	8.51E-09	2.04E-10	1.50E-10	4.17E-10	1.37E-09	8.13E-09	1.30E-10	2.93E-09	1.49E-07	1.38E-08	1.78E-07
2768	NG_1464	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.357	8.39E-07	1.50E-06	Not Modelled	1.74E-08	7.76E-10	9.61E-06	8.39E-08	1.68E-08	1.68E-15	8.39E-09	2.01E-10	1.48E-10	4.11E-10	1.35E-09	8.01E-09	1.28E-10	2.89E-09	1.47E-07	1.36E-08	1.75E-07
2769	NG_1465	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.357	8.20E-07	1.47E-06	Not Modelled	1.68E-08	7.58E-10	9.44E-06	8.20E-08	1.64E-08	1.64E-15	8.20E-09	1.96E-10	1.44E-10	4.02E-10	1.32E-09	7.83E-09	1.25E-10	2.83E-09	1.44E-07	1.33E-08	1.71E-07
2770	NG_1466	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.357	7.88E-07	1.42E-06	Not Modelled	1.60E-08	7.29E-10	9.02E-06	7.88E-08	1.58E-08	1.58E-15	7.88E-09	1.88E-10	1.39E-10	3.86E-10	1.27E-09	7.52E-09	1.20E-10	2.72E-09	1.38E-07	1.28E-08	1.64E-07
2771	NG_1467	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.357	7.49E-07	1.36E-06	Not Modelled	1.51E-08	6.93E-10	8.49E-06	7.49E-08	1.50E-08	1.50E-15	7.50E-09	1.79E-10	1.32E-10	3.67E-10	1.21E-09	7.15E-09	1.14E-10	2.58E-09	1.31E-07	1.22E-08	1.56E-07
2772	NG_1468	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.357	7.11E-07	1.29E-06	Not Modelled	1.42E-08	6.58E-10	7.99E-06	7.11E-08	1.42E-08	1.42E-15	7.11E-09	1.70E-10	1.25E-10	3.49E-10	1.15E-09	6.79E-09	1.09E-10	2.45E-09	1.24E-07	1.15E-08	1.48E-07
2773	NG_1469	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.357	6.75E-07	1.23E-06	Not Modelled	1.34E-08	6.25E-10	7.54E-06	6.75E-08	1.35E-08	1.35E-15	6.75E-09	1.62E-10	1.19E-10	3.31E-10	1.09E-09	6.45E-09	1.03E-10	2.33E-09	1.18E-07	1.10E-08	1.41E-07
2774	NG_1470	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.357	6.36E-07	1.16E-06	Not Modelled	1.25E-08	5.88E-10	7.04E-06	6.36E-08	1.27E-08	1.27E-15	6.36E-09	1.52E-10	1.12E-10	3.12E-10	1.03E-09	6.07E-09	9.71E-11	2.19E-09	1.11E-07	1.03E-08	1.33E-07
2775	NG_1471	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.357	5.98E-07	1.09E-06	Not Modelled	1.16E-08	5.53E-10	6.54E-06	5.98E-08	1.19E-08	1.19E-15	5.98E-09	1.43E-10	1.05E-10	2.93E-10	9.65E-10	5.71E-09	9.12E-11	2.06E-09	1.05E-07	9.69E-09	1.25E-07
2776	NG_1472	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.357	5.61E-07	1.02E-06	Not Modelled	1.08E-08	5.19E-10	6.06E-06	5.61E-08	1.12E-08	1.12E-15	5.61E-09	1.34E-10	9.88E-11	2.75E-10	9.05E-10	5.35E-09	8.56E-11	1.93E-09	9.81E-08	9.09E-09	1.17E-07
2777	NG_1473	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.357	5.30E-07	9.68E-07	Not Modelled	1.01E-08	4.90E-10	5.67E-06	5.30E-08	1.06E-08	1.06E-15	5.30E-09	1.27E-10	9.34E-11	2.60E-10	8.55E-10	5.06E-09	8.09E-11	1.83E-09	9.27E-08	8.59E-09	1.11E-07
2778	NG_1474	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.357	5.04E-07	9.23E-07	Not Modelled	9.47E-09	4.66E-10	5.36E-06	5.04E-08	1.01E-08	1.01E-15	5.04E-09	1.21E-10	8.88E-11	2.47E-10	8.14E-10	4.81E-09	7.69E-11	1.74E-09	8.82E-08	8.18E-09	1.05E-07
2779	NG_1475	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.357	4.79E-07	8.78E-07	Not Modelled	8.89E-09	4.43E-10	5.05E-06	4.79E-08	9.58E-09	9.58E-16	4.79E-09	1.15E-10	8.45E-11	2.35E-10	7.74E-10	4.58E-09	7.32E-11	1.65E-09	8.39E-08	7.77E-09	1.00E-07
2780	NG_1476	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.357	4.54E-07	8.32E-07	Not Modelled	8.32E-09	4.20E-10	4.72E-06	4.54E-08	9.08E-09	9.08E-16	4.54E-09	1.09E-10	8.00E-11	2.23E-10	7.33E-10	4.33E-09	6.93E-11	1.57E-09	7.95E-08	7.37E-09	9.47E-08
2781	NG_1477	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.407	3.70E-07	6.27E-07	Not Modelled	1.08E-08	3.42E-10	6.09E-06	3.69E-08	7.38E-09	7.38E-16	3.69E-09	8.83E-11	6.51E-11	1.81E-10	5.96E-10	3.52E-09	5.64E-11	1.27E-09	6.46E-08	5.99E-09	7.70E-08
2782	NG_1478	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.407	4.01E-07	6.81E-07	Not Modelled	1.15E-08	3.71E-10	6.42E-06	4.01E-08	8.01E-09	8.01E-16	4.01E-09	9.58E-11	7.06E-11	1.96E-10	6.47E-10	3.82E-09	6.12E-11	1.38E-09	7.01E-08	6.50E-09	8.36E-08
2783	NG_1479	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.407	4.39E-07	7.45E-07	Not Modelled	1.23E-08	4.05E-10	6.80E-06	4.38E-08	8.76E-09	8.76E-16	4.38E-09	1.05E-10	7.72E-11	2.15E-10	7.07E-10	4.18E-09	6.69E-11	1.51E-09	7.67E-08	7.10E-09	9.14E-08
2784	NG_1480	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.407	4.85E-07	8.26E-07	Not Modelled	1.34E-08	4.48E-10	7.31E-06	4.84E-08	9.68E-09	9.68E-16	4.84E-09	1.16E-10	8.53E-11	2.37E-10	7.82E-10	4.62E-09	7.39E-11	1.67E-09	8.47E-08	7.85E-09	1.01E-07
2785	NG_1481	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.407	5.38E-07	9.19E-07	Not Modelled	1.47E-08	4.97E-10	7.88E-06	5.37E-08	1.07E-08	1.07E-15	5.38E-09	1.29E-10	9.47E-11	2.64E-10	8.68E-10	5.13E-09	8.20E-11	1.85E-09	9.41E-08	8.72E-09	1.12E-07
2786	NG_1482	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.407	6.02E-07	1.03E-06	Not Modelled	1.63E-08	5.57E-10	8.60E-06	6.01E-08	1.20E-08	1.20E-15	6.02E-09	1.44E-10	1.06E-10	2.95E-10	9.71E-10	5.74E-09	9.18E-11	2.07E-09	1.05E-07	9.76E-09	1.26E-07
2787	NG_1483	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.407	6.78E-07	1.17E-06	Not Modelled	1.81E-08	6.27E-10	9.45E-06	6.77E-08	1.35E-08	1.35E-15	6.77E-09	1.62E-10	1.19E-10	3.32E-10	1.09E-09	6.47E-09	1.03E-10	2.33E-09	1.19E-07	1.10E-08	1.41E-07
2788	NG_1484	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.407	7.70E-07	1.33E-06	Not Modelled	2.05E-08	7.12E-10	1.05E-05	7.70E-08	1.54E-08	1.54E-15	7.70E-09	1.84E-10	1.36E-10	3.77E-10	1.24E-09	7.35E-09	1.18E-10	2.65E-09	1.35E-07	1.25E-08	1.61E-07
2789	NG_1485	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.407	8.73E-07	1.52E-06	Not Modelled	2.30E-08	8.08E-10	1.17E-05	8.73E-08	1.75E-08	1.75E-15	8.73E-09	2.09E-10	1.54E-10	4.28E-10	1.41E-09	8.33E-09	1.33E-10	3.01E-09	1.53E-07	1.42E-08	1.82E-07
2790	NG_1486	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.407	9.87E-07	1.72E-06	Not Modelled	2.59E-08	9.13E-10	1.30E-05	9.86E-08	1.97E-08	1.97E-15	9.87E-09	2.36E-10	1.74E-10	4.84E-10	1.59E-09	9.42E-09	1.51E-10	3.40E-09	1.73E-07	1.60E-08	2.06E-07
2791	NG_1487	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.407	1.10E-06	1.92E-06	Not Modelled	2.87E-08	1.01E-09	1.41E-05	1.10E-07	2.19E-08	2.19E-15	1.10E-08	2.62E-10	1.93E-10	5.37E-10	1.77E-09	1.05E-08	1.67E-10	3.78E-09	1.92E-07	1.78E-08	2.29E-07
2792	NG_1488	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.407	1.20E-06	2.10E-06	Not Modelled	3.15E-08	1.11E-09	1.53E-05	1.20E-07	2.40E-08	2.40E-15	1.20E-08	2.87E-10	2.11E-10	5.88E-10	1.94E-09	1.15E-08	1.83E-10	4.14E-09	2.10E-07	1.95E-08	2.50E-07
2793	NG_1489	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.407	1.28E-06	2.24E-06	Not Modelled	3.40E-08	1.19E-09	1.62E-05	1.28E-07	2.56E-08	2.56E-15	1.28E-08	3.07E-10	2.26E-10	6.28E-10	2.07E-09	1.22E-08	1.96E-10	4.42E-09	2.24E-07	2.08E-08	2.67E-07
2794	NG_1490	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.407	1.33E-06	2.33E-06	Not Modelled	3.61E-08	1.23E-09	1.69E-05	1.33E-07	2.67E-08	2.67E-15	1.33E-08	3.19E-10	2.35E-10	6.54E-10	2.15E-09	1.27E-08	2.04E-10	4.60E-09	2.33E-07	2.16E-08	2.78E-07
2795	NG_1491	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.407	1.35E-06	2.35E-06	Not Modelled	3.73E-08	1.25E-09	1.71E-05	1.35E-07	2.70E-08	2.70E-15	1.35E-08	3.23E-10	2.38E-10	6.61E-10	2.18E-09	1.29E-08	2.06E-10	4.65E-09	2.36E-07	2.19E-08	2.81E-07
2796	NG_1492	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.407	1.33E-06	2.30E-06	Not Modelled	3.76E-08	1.23E-09	1.69E-05	1.33E-07	2.67E-08	2.67E-15	1.33E-08	3.19E-10	2.35E-10	6.54E-10	2.15E-09	1.27E-08	2.04E-10	4.60E-09	2.33E-07	2.16E-08	2.78E-07
2797	NG_1493	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.407	1.30E-06	2.24E-06	Not Modelled	3.72E-08	1.20E-09	1.64E-05	1.30E-07	2.60E-08	2.60E-15	1.30E-08	3.12E-10	2.30E-10	6.39E-10	2.10E-09	1.24E-08	1.99E-10	4.49E-09	2.28E-07	2.11E-08	2.72E-07
2798	NG_1494	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.407	1.26E-06	2.15E-06	Not Modelled	3.59E-08	1.16E-09	1.55E-05	1.26E-07	2.51E-08	2.51E-15	1.26E-08	3.01E-10	2.22E-10	6.17E-10	2.03E-09	1.20E-08	1.92E-10	4.33E-09	2.20E-07	2.04E-08	2.62E-07
2799	NG_1495	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.407	1.21E-06	2.07E-06	Not Modelled	3.39E-08	1.12E-09	1.45E-05	1.21E-07	2.42E-08	2.42E-15	1.21E-08	2.89E-10	2.13E-10	5.93E-10	1.95E-09	1.16E-08	1.85E-10	4.17E-09	2.12E-07	1.96E-08	2.53E-07
2800	NG_1496	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.407	1.15E-06	1.96E-06	Not Modelled	3.13E-08	1.07E-09	1.32E-05	1.15E-07	2.30E-08	2.30E-15	1.15E-08	2.76E-10	2.03E-10	5.65E-10	1.86E-09	1.10E-08	1.76E-10	3.97E-09	2.02E-07	1.87E-08	2.40E-07
2801	NG_1497	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.407	1.09E-06	1.86E-06	Not Modelled	2.85E-08	1.01E-09	1.21E-05	1.09E-07	2.19E-08	2.19E-15	1.09E-08	2.61E-10	1.93E-10	5.36E-10	1.76E-09	1.04E-08	1.67E-10	3.77E-09	1.91E-07	1.77E-08	2.28E-07
2802	NG_1498	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.407	1.03E-06	1.76E-06	Not Modelled	2.57E-08	9.55E-10	1.10E-05	1.03E-07	2.06E-08	2.06E-15	1.03E-08	2.47E-10	1.82E-10	5.06E-10	1.67E-09	9.85E-09	1.58E-10	3.56E-09	1.81E-07	1.67E-08	2.15E-07
2803	NG_1499	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.407	9.77E-07	1.67E-06	Not Modelled	2.33E-08	9.04E-10	1.02E-05	9.77E-08	1.95E-08	1.95E-15	9.77E-09	2.34E-10	1.72E-10	4.79E-10	1.58E-09	9.33E-09	1.49E-10	3.37E-09	1.71E-07	1.58E-08	2.04E-07
2804	NG_1500	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.407	9.25E-07	1.59E-06	Not Modelled	2.12E-08	8.56E-10	9.56E-06	9.25E-08	1.85E-08	1.85E-15	9.25E-09	2.21E-10	1.63E-10	4.54E-10	1.49E-09	8.83E-09	1.41E-10	3.19E-09	1.62E-07	1.50E-08	1.93E-07
2805	NG_1501	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.407	8.82E-07	1.52E-06	Not Modelled	1.95E-08	8.16E-10	9.10E-06	8.82E-08	1.76E-08	1.76E-15	8.83E-09	2.11E-10	1.56E-10	4.33E-10	1.42E-09	8.42E-09	1.35E-10	3.04E-09	1.54E-07	1.43E-08	1.84E-07
2806	NG_1502	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.407	8.52E-07	1.48E-06	Not Modelled	1.83E-08	7.88E-10	8.86E-06	8.52E-08	1.70E-08	1.70E-15	8.52E-09	2.04E-10	1.50E-10	4.18E-10	1.38E-09	8.13E-09	1.30E-10	2.94E-09	1.49E-07	1.38E-08	1.78E-07
2807	NG_1503	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.407	8.30E-07	1.45E-06	Not Modelled	1.74E-08	7.68E-10	8.73E-06	8.30E-08	1.66E-08	1.66E-15	8.30E-09	1.98E-10	1.46E-10	4.07E-10	1.34E-09	7.92E-09	1.27E-10	2.86E-09	1.45E-07	1.35E-08	1.73E-07
2808	NG_1504	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.407	8.15E-07	1.44E-06	Not Modelled	1.68E-08	7.54E-10	8.71E-06	8.15E-08	1.63E-08	1.63E-15	8.16E-09	1.95E-10	1.44E-10	4.00E-10	1.32E-09	7.78E-09	1.24E-10	2.81E-09	1.43E-07	1.32E-08	1.70E-07
2809	NG_1505	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.407	8.01E-07	1.42E-06	Not Modelled	1.63E-08	7.41E-10	8.67E-06	8.01E-08	1.60E-08	1.60E-15	8.01E-09	1.92E-10	1.41E-10	3.93E-10	1.29E-09	7.65E-09	1.22E-10	2.76E-09	1.40E-07	1.30E-08	1.67E-07
2810	NG_1506	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.407	7.83E-07	1.40E-06	Not Modelled	1.58E-08	7.25E-10	8.55E-06	7.83E-08	1.57E-08	1.57E-15	7.84E-09	1.87E-10	1.38E-10	3.84E-10	1.26E-09	7.48E-09	1.20E-10	2.70E-09	1.37E-07	1.27E-08	1.63E-07
2811	NG_1507	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.407	7.61E-07	1.37E-06	Not Modelled	1.53E-08	7.04E-10	8.34E-06	7.61E-08	1.52E-08	1.52E-15	7.61E-09	1.82E-10	1.34E-10	3.73E-10	1.23E-09	7.26E-09	1.16E-10	2.62E-09	1.33E-07	1.23E-08	1.59E-07
2812	NG_1508	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.407	7.35E-07	1.33E-06	Not Modelled	1.46E-08	6.80E-10	8.07E-06	7.35E-08	1.47E-08	1.47E-15	7.35E-09	1.76E-10	1.29E-10	3.60E-10	1.19E-09	7.01E-09	1.12E-10	2.53E-09	1.29E-07	1.19E-08	1.53E-07
2813	NG_1509	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.407	7.02E-07	1.27E-06	Not Modelled	1.39E-08	6.49E-10	7.69E-06	7.02E-08	1.40E-08	1.40E-15	7.02E-09	1.68E-10	1.24E-10	3.44E-10	1.13E-09	6.70E-09	1.07E-10	2.42E-09	1.23E-07	1.14E-08	1.46E-07
2814	NG_1510	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.407	6.65E-07	1.21E-06	Not Modelled	1.31E-08	6.15E-10	7.24E-06	6.65E-08	1.33E-08	1.33E-15	6.65E-09	1.59E-10	1.17E-10	3.26E-10	1.07E-09	6.35E-09	1.01E-10	2.29E-09	1.16E-07	1.08E-08	1.39E-07
2815	NG_1511	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.407	6.31E-07	1.15E-06	Not Modelled	1.24E-08	5.84E-10	6.85E-06	6.31E-08	1.26E-08	1.26E-15	6.31E-09	1.51E-10	1.11E-10	3.09E-10	1.02E-09	6.02E-09	9.63E-11	2.18E-09	1.10E-07	1.02E-08	1.32E-07
2816	NG_1512	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.407	5.99E-07	1.10E-06	Not Modelled	1.17E-08	5.55E-10	6.50E-06	5.99E-08	1.20E-08	1.20E-15	6.00E-09	1.43E-10	1.06E-10	2.94E-10	9.68E-10	5.72E-09	9.15E-11	2.07E-09	1.05E-07	9.72E-09	1.25E-07
2817	NG_1513	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.407	5.70E-07	1.04E-06	Not Modelled	1.10E-08	5.27E-10	6.16E-06	5.69E-08	1.14E-08	1.14E-15	5.70E-09	1.36E-10	1.00E-10	2.79E-10	9.19E-10	5.44E-09	8.69E-11	1.96E-09	9.97E-08	9.24E-09	1.19E-07
2818	NG_1514	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.407	5.38E-07	9.86E-07	Not Modelled	1.03E-08	4.98E-10	5.78E-06	5.38E-08	1.08E-08	1.08E-15	5.38E-09	1.29E-10	9.48E-11	2.64E-10	8.69E-10	5.14E-09	8.22E-11	1.86E-09	9.42E-08	8.73E-09	1.12E-07
2819	NG_1515	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.407	5.09E-07	9.33E-07	Not Modelled	9.65E-09	4.71E-10	5.42E-06	5.09E-08	1.02E-08	1.02E-15	5.09E-09	1.22E-10	8.97E-11	2.50E-10	8.22E-10	4.86E-09	7.77E-11	1.75E-09	8.91E-08	8.25E-09	1.06E-07
2820	NG_1516	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.407	4.80E-07	8.81E-07	Not Modelled	9.01E-09	4.44E-10	5.06E-06	4.80E-08	9.60E-09	9.60E-16	4.80E-09	1.15E-10	8.46E-11	2.36E-10	7.75E-10	4.59E-09	7.33E-11	1.66E-09	8.41E-08	7.79E-09	1.00E-07
2821	NG_1517	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.407	4.57E-07	8.38E-07	Not Modelled	8.47E-09	4.22E-10	4.77E-06	4.56E-08	9.13E-09	9.13E-16	4.57E-09	1.09E-10	8.05E-11	2.24E-10	7.37E-10	4.36E-09	6.97E-11	1.57E-09	7.99E-08	7.40E-09	9.53E-08
2822	NG_1518	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.457	3.92E-07	6.65E-07	Not Modelled	1.04E-08	3.62E-10	5.86E-06	3.91E-08	7.82E-09	7.82E-16	3.91E-09	9.35E-11	6.89E-11	1.92E-10	6.31E-10	3.73E-09	5.97E-11	1.35E-09	6.84E-08	6.34E-09	8.16E-08
2823	NG_1519	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.457	4.25E-07	7.24E-07	Not Modelled	1.12E-08	3.93E-10	6.20E-06	4.24E-08	8.49E-09	8.49E-16	4.25E-09	1.02E-10	7.48E-11	2.08E-10	6.85E-10	4.05E-09	6.48E-11	1.46E-09	7.43E-08	6.89E-09	8.86E-08
2824	NG_1520	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.457	4.64E-07	7.92E-07	Not Modelled	1.21E-08	4.29E-10	6.58E-06	4.64E-08	9.27E-09	9.27E-16	4.64E-09	1.11E-10	8.17E-11	2.27E-10	7.49E-10	4.43E-09	7.08E-11	1.60E-09	8.12E-08	7.52E-09	9.68E-08
2825	NG_1521	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.457	5.13E-07	8.78E-07	Not Modelled	1.32E-08	4.74E-10	7.11E-06	5.12E-08	1.02E-08	1.02E-15	5.12E-09	1.23E-10	9.03E-11	2.51E-10	8.27E-10	4.89E-09	7.82E-11	1.77E-09	8.97E-08	8.31E-09	1.07E-07
2826	NG_1522	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.457	5.69E-07	9.78E-07	Not Modelled	1.46E-08	5.26E-10	7.74E-06	5.69E-08	1.14E-08	1.14E-15	5.69E-09	1.36E-10	1.00E-10	2.79E-10	9.18E-10	5.43E-09	8.68E-11	1.96E-09	9.95E-08	9.22E-09	1.19E-07
2827	NG_1523	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.457	6.32E-07	1.09E-06	Not Modelled	1.62E-08	5.85E-10	8.42E-06	6.32E-08	1.26E-08	1.26E-15	6.32E-09	1.51E-10	1.11E-10	3.10E-10	1.02E-09	6.03E-09	9.64E-11	2.18E-09	1.11E-07	1.02E-08	1.32E-07
2828	NG_1524	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.457	7.05E-07	1.22E-06	Not Modelled	1.80E-08	6.52E-10	9.22E-06	7.05E-08	1.41E-08	1.41E-15	7.05E-09	1.69E-10	1.24E-10	3.46E-10	1.14E-09	6.73E-09	1.08E-10	2.43E-09	1.23E-07	1.14E-08	1.47E-07
2829	NG_1525	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.457	7.94E-07	1.38E-06	Not Modelled	2.03E-08	7.35E-10	1.03E-05	7.94E-08	1.59E-08	1.59E-15	7.94E-09	1.90E-10	1.40E-10	3.89E-10	1.28E-09	7.58E-09	1.21E-10	2.74E-09	1.39E-07	1.29E-08	1.66E-07
2830	NG_1526	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.457	8.94E-07	1.56E-06	Not Modelled	2.28E-08	8.27E-10	1.14E-05	8.94E-08	1.79E-08	1.79E-15	8.94E-09	2.14E-10	1.58E-10	4.38E-10	1.44E-09	8.53E-09	1.36E-10	3.08E-09	1.56E-07	1.45E-08	1.86E-07
2831	NG_1527	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.457	9.96E-07	1.74E-06	Not Modelled	2.55E-08	9.21E-10	1.25E-05	9.95E-08	1.99E-08	1.99E-15	9.96E-09	2.38E-10	1.75E-10	4.88E-10	1.61E-09	9.50E-09	1.52E-10	3.43E-09	1.74E-07	1.61E-08	2.08E-07
2832	NG_1528	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.457	1.09E-06	1.91E-06	Not Modelled	2.80E-08	1.01E-09	1.35E-05	1.09E-07	2.18E-08	2.18E-15	1.09E-08	2.61E-10	1.92E-10	5.34E-10	1.76E-09	1.04E-08	1.66E-10	3.76E-09	1.91E-07	1.77E-08	2.27E-07
2833	NG_1529	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.457	1.17E-06	2.06E-06	Not Modelled	3.04E-08	1.09E-09	1.44E-05	1.17E-07	2.35E-08	2.35E-15	1.17E-08	2.81E-10	2.07E-10	5.75E-10	1.89E-09	1.12E-08	1.79E-10	4.04E-09	2.05E-07	1.90E-08	2.45E-07
2834	NG_1530	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.457	1.23E-06	2.16E-06	Not Modelled	3.24E-08	1.14E-09	1.50E-05	1.23E-07	2.47E-08	2.47E-15	1.23E-08	2.95E-10	2.17E-10	6.05E-10	1.99E-09	1.18E-08	1.88E-10	4.25E-09	2.16E-07	2.00E-08	2.57E-07
2835	NG_1531	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.457	1.27E-06	2.21E-06	Not Modelled	3.40E-08	1.17E-09	1.54E-05	1.27E-07	2.54E-08	2.54E-15	1.27E-08	3.04E-10	2.24E-10	6.23E-10	2.05E-09	1.21E-08	1.94E-10	4.38E-09	2.22E-07	2.06E-08	2.65E-07
2836	NG_1532	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.457	1.28E-06	2.22E-06	Not Modelled	3.50E-08	1.18E-09	1.55E-05	1.28E-07	2.56E-08	2.56E-15	1.28E-08	3.06E-10	2.26E-10	6.28E-10	2.07E-09	1.22E-08	1.95E-10	4.41E-09	2.24E-07	2.08E-08	2.67E-07
2837	NG_1533	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.457	1.26E-06	2.18E-06	Not Modelled	3.52E-08	1.17E-09	1.52E-05	1.26E-07	2.53E-08	2.53E-15	1.26E-08	3.02E-10	2.23E-10	6.19E-10	2.04E-09	1.21E-08	1.93E-10	4.35E-09	2.21E-07	2.05E-08	2.64E-07
2838	NG_1534	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.457	1.23E-06	2.11E-06	Not Modelled	3.46E-08	1.14E-09	1.46E-05	1.23E-07	2.46E-08	2.46E-15	1.23E-08	2.94E-10	2.17E-10	6.04E-10	1.99E-09	1.17E-08	1.88E-10	4.24E-09	2.15E-07	2.00E-08	2.57E-07
2839	NG_1535	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.457	1.19E-06	2.04E-06	Not Modelled	3.34E-08	1.10E-09	1.39E-05	1.19E-07	2.39E-08	2.39E-15	1.19E-08	2.86E-10	2.10E-10	5.85E-10	1.93E-09	1.14E-08	1.82E-10	4.12E-09	2.09E-07	1.94E-08	2.49E-07
2840	NG_1536	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.457	1.15E-06	1.97E-06	Not Modelled	3.16E-08	1.07E-09	1.31E-05	1.15E-07	2.30E-08	2.30E-15	1.15E-08	2.75E-10	2.03E-10	5.65E-10	1.86E-09	1.10E-08	1.76E-10	3.97E-09	2.02E-07	1.87E-08	2.40E-07

AQIA DATA - SCENARIO 2 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Receptor ID of Maximum Offsite Concentration / Deposition Rate							NG_837	NG_837	#N/A	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837
Coordinates of Maximum Offsite Concentration/ Deposition Rate						X	379.464	379.464	#N/A	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464
						Y	6367.607	6367.607	#N/A	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607
2841	NG_1537	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.457	1.10E-06	1.88E-06	Not Modelled	2.94E-08	1.02E-09	1.21E-05	1.10E-07	2.20E-08	2.20E-15	1.10E-08	2.63E-10	1.94E-10	5.40E-10	1.78E-09	1.05E-08	1.68E-10	3.80E-09	1.93E-07	1.79E-08	2.30E-07
2842	NG_1538	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.457	1.05E-06	1.78E-06	Not Modelled	2.68E-08	9.68E-10	1.10E-05	1.05E-07	2.09E-08	2.09E-15	1.05E-08	2.50E-10	1.84E-10	5.13E-10	1.69E-09	9.99E-09	1.60E-10	3.61E-09	1.83E-07	1.70E-08	2.18E-07
2843	NG_1539	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.457	9.92E-07	1.69E-06	Not Modelled	2.44E-08	9.18E-10	1.02E-05	9.92E-08	1.98E-08	1.98E-15	9.93E-09	2.37E-10	1.75E-10	4.87E-10	1.60E-09	9.47E-09	1.52E-10	3.42E-09	1.74E-07	1.61E-08	2.07E-07
2844	NG_1540	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.457	9.41E-07	1.61E-06	Not Modelled	2.22E-08	8.70E-10	9.46E-06	9.41E-08	1.88E-08	1.88E-15	9.41E-09	2.25E-10	1.66E-10	4.61E-10	1.52E-09	8.98E-09	1.44E-10	3.24E-09	1.65E-07	1.53E-08	1.96E-07
2845	NG_1541	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.457	8.92E-07	1.53E-06	Not Modelled	2.02E-08	8.25E-10	8.86E-06	8.92E-08	1.78E-08	1.78E-15	8.92E-09	2.13E-10	1.57E-10	4.37E-10	1.44E-09	8.51E-09	1.36E-10	3.07E-09	1.56E-07	1.45E-08	1.86E-07
2846	NG_1542	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.457	8.48E-07	1.46E-06	Not Modelled	1.86E-08	7.85E-10	8.38E-06	8.48E-08	1.70E-08	1.70E-15	8.48E-09	2.03E-10	1.49E-10	4.16E-10	1.37E-09	8.10E-09	1.29E-10	2.92E-09	1.48E-07	1.38E-08	1.77E-07
2847	NG_1543	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.457	8.15E-07	1.41E-06	Not Modelled	1.73E-08	7.54E-10	8.11E-06	8.15E-08	1.63E-08	1.63E-15	8.15E-09	1.95E-10	1.44E-10	4.00E-10	1.32E-09	7.78E-09	1.24E-10	2.81E-09	1.43E-07	1.32E-08	1.70E-07
2848	NG_1544	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.457	7.94E-07	1.38E-06	Not Modelled	1.65E-08	7.35E-10	8.01E-06	7.94E-08	1.59E-08	1.59E-15	7.94E-09	1.90E-10	1.40E-10	3.89E-10	1.28E-09	7.58E-09	1.21E-10	2.74E-09	1.39E-07	1.29E-08	1.66E-07
2849	NG_1545	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.457	7.77E-07	1.37E-06	Not Modelled	1.59E-08	7.19E-10	7.95E-06	7.77E-08	1.55E-08	1.55E-15	7.77E-09	1.86E-10	1.37E-10	3.81E-10	1.25E-09	7.42E-09	1.19E-10	2.68E-09	1.36E-07	1.26E-08	1.62E-07
2850	NG_1546	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.457	7.60E-07	1.35E-06	Not Modelled	1.54E-08	7.03E-10	7.87E-06	7.60E-08	1.52E-08	1.52E-15	7.61E-09	1.82E-10	1.34E-10	3.73E-10	1.23E-09	7.26E-09	1.16E-10	2.62E-09	1.33E-07	1.23E-08	1.59E-07
2851	NG_1547	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.457	7.43E-07	1.32E-06	Not Modelled	1.49E-08	6.87E-10	7.75E-06	7.43E-08	1.49E-08	1.49E-15	7.43E-09	1.78E-10	1.31E-10	3.64E-10	1.20E-09	7.09E-09	1.13E-10	2.56E-09	1.30E-07	1.21E-08	1.55E-07
2852	NG_1548	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.457	7.28E-07	1.31E-06	Not Modelled	1.45E-08	6.73E-10	7.69E-06	7.28E-08	1.46E-08	1.46E-15	7.28E-09	1.74E-10	1.28E-10	3.57E-10	1.18E-09	6.95E-09	1.11E-10	2.51E-09	1.27E-07	1.18E-08	1.52E-07
2853	NG_1549	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.457	7.10E-07	1.28E-06	Not Modelled	1.41E-08	6.57E-10	7.57E-06	7.09E-08	1.42E-08	1.42E-15	7.10E-09	1.70E-10	1.25E-10	3.48E-10	1.15E-09	6.77E-09	1.08E-10	2.45E-09	1.24E-07	1.15E-08	1.48E-07
2854	NG_1550	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.457	6.86E-07	1.24E-06	Not Modelled	1.35E-08	6.34E-10	7.36E-06	6.86E-08	1.37E-08	1.37E-15	6.86E-09	1.64E-10	1.21E-10	3.36E-10	1.11E-09	6.55E-09	1.05E-10	2.36E-09	1.20E-07	1.11E-08	1.43E-07
2855	NG_1551	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.457	6.54E-07	1.19E-06	Not Modelled	1.29E-08	6.05E-10	7.02E-06	6.54E-08	1.31E-08	1.31E-15	6.55E-09	1.57E-10	1.15E-10	3.21E-10	1.06E-09	6.25E-09	9.99E-11	2.26E-09	1.15E-07	1.06E-08	1.37E-07
2856	NG_1552	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.457	6.24E-07	1.14E-06	Not Modelled	1.22E-08	5.77E-10	6.69E-06	6.24E-08	1.25E-08	1.25E-15	6.24E-09	1.49E-10	1.10E-10	3.06E-10	1.01E-09	5.95E-09	9.52E-11	2.15E-09	1.09E-07	1.01E-08	1.30E-07
2857	NG_1553	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.457	5.97E-07	1.09E-06	Not Modelled	1.17E-08	5.52E-10	6.42E-06	5.97E-08	1.19E-08	1.19E-15	5.97E-09	1.43E-10	1.05E-10	2.93E-10	9.64E-10	5.70E-09	9.12E-11	2.06E-09	1.05E-07	9.69E-09	1.25E-07
2858	NG_1554	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.457	5.71E-07	1.05E-06	Not Modelled	1.11E-08	5.28E-10	6.16E-06	5.71E-08	1.14E-08	1.14E-15	5.71E-09	1.37E-10	1.01E-10	2.80E-10	9.22E-10	5.45E-09	8.72E-11	1.97E-09	1.00E-07	9.26E-09	1.19E-07
2859	NG_1555	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.457	5.44E-07	9.98E-07	Not Modelled	1.05E-08	5.03E-10	5.86E-06	5.43E-08	1.09E-08	1.09E-15	5.44E-09	1.30E-10	9.58E-11	2.67E-10	8.78E-10	5.19E-09	8.30E-11	1.87E-09	9.51E-08	8.82E-09	1.13E-07
2860	NG_1556	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.457	5.12E-07	9.39E-07	Not Modelled	9.79E-09	4.73E-10	5.47E-06	5.11E-08	1.02E-08	1.02E-15	5.12E-09	1.22E-10	9.01E-11	2.51E-10	8.26E-10	4.88E-09	7.81E-11	1.76E-09	8.95E-08	8.30E-09	1.07E-07
2861	NG_1557	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.457	4.82E-07	8.84E-07	Not Modelled	9.14E-09	4.46E-10	5.09E-06	4.81E-08	9.63E-09	9.63E-16	4.82E-09	1.15E-10	8.49E-11	2.36E-10	7.78E-10	4.60E-09	7.35E-11	1.66E-09	8.43E-08	7.81E-09	1.00E-07
2862	NG_1558	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.457	4.56E-07	8.37E-07	Not Modelled	8.57E-09	4.22E-10	4.78E-06	4.56E-08	9.11E-09	9.11E-16	4.56E-09	1.09E-10	8.03E-11	2.23E-10	7.36E-10	4.35E-09	6.96E-11	1.57E-09	7.98E-08	7.39E-09	9.51E-08
2863	NG_1559	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.507	4.12E-07	7.02E-07	Not Modelled	1.02E-08	3.80E-10	5.65E-06	4.11E-08	8.22E-09	8.22E-16	4.11E-09	9.83E-11	7.25E-11	2.02E-10	6.64E-10	3.92E-09	6.28E-11	1.42E-09	7.20E-08	6.67E-09	8.58E-08
2864	NG_1560	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.507	4.47E-07	7.64E-07	Not Modelled	1.10E-08	4.13E-10	6.00E-06	4.47E-08	8.93E-09	8.93E-16	4.47E-09	1.07E-10	7.87E-11	2.19E-10	7.21E-10	4.26E-09	6.82E-11	1.54E-09	7.82E-08	7.24E-09	9.32E-08
2865	NG_1561	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.507	4.88E-07	8.36E-07	Not Modelled	1.19E-08	4.51E-10	6.40E-06	4.87E-08	9.74E-09	9.74E-16	4.87E-09	1.17E-10	8.59E-11	2.39E-10	7.87E-10	4.65E-09	7.44E-11	1.68E-09	8.53E-08	7.90E-09	1.02E-07
2866	NG_1562	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.507	5.37E-07	9.22E-07	Not Modelled	1.31E-08	4.96E-10	6.92E-06	5.36E-08	1.07E-08	1.07E-15	5.36E-09	1.28E-10	9.45E-11	2.63E-10	8.66E-10	5.12E-09	8.18E-11	1.85E-09	9.38E-08	8.70E-09	1.12E-07
2867	NG_1563	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.507	5.95E-07	1.03E-06	Not Modelled	1.45E-08	5.50E-10	7.57E-06	5.94E-08	1.19E-08	1.19E-15	5.94E-09	1.42E-10	1.05E-10	2.91E-10	9.59E-10	5.67E-09	9.07E-11	2.05E-09	1.04E-07	9.64E-09	1.24E-07
2868	NG_1564	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.507	6.55E-07	1.13E-06	Not Modelled	1.60E-08	6.06E-10	8.20E-06	6.55E-08	1.31E-08	1.31E-15	6.55E-09	1.57E-10	1.15E-10	3.21E-10	1.06E-09	6.25E-09	1.00E-10	2.26E-09	1.15E-07	1.06E-08	1.37E-07
2869	NG_1565	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.507	7.26E-07	1.26E-06	Not Modelled	1.78E-08	6.71E-10	8.97E-06	7.25E-08	1.45E-08	1.45E-15	7.25E-09	1.73E-10	1.28E-10	3.56E-10	1.17E-09	6.92E-09	1.11E-10	2.50E-09	1.27E-07	1.18E-08	1.51E-07
2870	NG_1566	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.507	8.12E-07	1.42E-06	Not Modelled	2.01E-08	7.51E-10	1.00E-05	8.11E-08	1.62E-08	1.62E-15	8.12E-09	1.94E-10	1.43E-10	3.98E-10	1.31E-09	7.75E-09	1.24E-10	2.80E-09	1.42E-07	1.32E-08	1.69E-07
2871	NG_1567	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.507	9.04E-07	1.58E-06	Not Modelled	2.25E-08	8.36E-10	1.11E-05	9.04E-08	1.81E-08	1.81E-15	9.04E-09	2.16E-10	1.59E-10	4.43E-10	1.46E-09	8.63E-09	1.38E-10	3.12E-09	1.58E-07	1.47E-08	1.89E-07
2872	NG_1568	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.507	9.90E-07	1.74E-06	Not Modelled	2.48E-08	9.16E-10	1.20E-05	9.90E-08	1.98E-08	1.98E-15	9.90E-09	2.37E-10	1.74E-10	4.85E-10	1.60E-09	9.45E-09	1.51E-10	3.41E-09	1.73E-07	1.61E-08	2.07E-07
2873	NG_1569	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.507	1.07E-06	1.87E-06	Not Modelled	2.71E-08	9.88E-10	1.27E-05	1.07E-07	2.13E-08	2.13E-15	1.07E-08	2.55E-10	1.88E-10	5.23E-10	1.72E-09	1.02E-08	1.63E-10	3.68E-09	1.87E-07	1.73E-08	2.23E-07
2874	NG_1570	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.507	1.14E-06	2.00E-06	Not Modelled	2.92E-08	1.05E-09	1.35E-05	1.14E-07	2.27E-08	2.27E-15	1.14E-08	2.72E-10	2.00E-10	5.58E-10	1.84E-09	1.09E-08	1.74E-10	3.92E-09	1.99E-07	1.85E-08	2.37E-07
2875	NG_1571	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.507	1.19E-06	2.07E-06	Not Modelled	3.10E-08	1.10E-09	1.40E-05	1.19E-07	2.37E-08	2.37E-15	1.19E-08	2.84E-10	2.09E-10	5.81E-10	1.91E-09	1.13E-08	1.81E-10	4.09E-09	2.08E-07	1.92E-08	2.47E-07
2876	NG_1572	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.507	1.21E-06	2.11E-06	Not Modelled	3.23E-08	1.12E-09	1.42E-05	1.21E-07	2.42E-08	2.42E-15	1.21E-08	2.90E-10	2.14E-10	5.94E-10	1.96E-09	1.16E-08	1.85E-10	4.18E-09	2.12E-07	1.97E-08	2.53E-07
2877	NG_1573	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.507	1.21E-06	2.11E-06	Not Modelled	3.30E-08	1.12E-09	1.42E-05	1.21E-07	2.43E-08	2.43E-15	1.21E-08	2.91E-10	2.14E-10	5.96E-10	1.96E-09	1.16E-08	1.85E-10	4.19E-09	2.13E-07	1.97E-08	2.53E-07
2878	NG_1574	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.507	1.20E-06	2.06E-06	Not Modelled	3.29E-08	1.11E-09	1.38E-05	1.20E-07	2.39E-08	2.39E-15	1.20E-08	2.86E-10	2.11E-10	5.86E-10	1.93E-09	1.14E-08	1.82E-10	4.12E-09	2.09E-07	1.94E-08	2.49E-07
2879	NG_1575	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.507	1.17E-06	2.00E-06	Not Modelled	3.23E-08	1.08E-09	1.33E-05	1.17E-07	2.33E-08	2.33E-15	1.17E-08	2.79E-10	2.06E-10	5.72E-10	1.88E-09	1.11E-08	1.78E-10	4.02E-09	2.04E-07	1.89E-08	2.44E-07
2880	NG_1576	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.507	1.14E-06	1.95E-06	Not Modelled	3.13E-08	1.05E-09	1.27E-05	1.14E-07	2.27E-08	2.27E-15	1.14E-08	2.72E-10	2.00E-10	5.57E-10	1.84E-09	1.09E-08	1.74E-10	3.92E-09	1.99E-07	1.84E-08	2.37E-07
2881	NG_1577	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.507	1.10E-06	1.88E-06	Not Modelled	2.97E-08	1.02E-09	1.20E-05	1.10E-07	2.20E-08	2.20E-15	1.10E-08	2.63E-10	1.94E-10	5.39E-10	1.77E-09	1.05E-08	1.68E-10	3.79E-09	1.92E-07	1.78E-08	2.29E-07
2882	NG_1578	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.507	1.05E-06	1.79E-06	Not Modelled	2.76E-08	9.70E-10	1.10E-05	1.05E-07	2.10E-08	2.10E-15	1.05E-08	2.51E-10	1.85E-10	5.14E-10	1.69E-09	1.00E-08	1.60E-10	3.61E-09	1.83E-07	1.70E-08	2.19E-07
2883	NG_1579	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.507	9.99E-07	1.70E-06	Not Modelled	2.53E-08	9.24E-10	1.02E-05	9.98E-08	2.00E-08	2.00E-15	9.99E-09	2.39E-10	1.76E-10	4.90E-10	1.61E-09	9.53E-09	1.52E-10	3.44E-09	1.75E-07	1.62E-08	2.08E-07
2884	NG_1580	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.507	9.50E-07	1.62E-06	Not Modelled	2.31E-08	8.79E-10	9.42E-06	9.50E-08	1.90E-08	1.90E-15	9.50E-09	2.27E-10	1.67E-10	4.66E-10	1.53E-09	9.07E-09	1.45E-10	3.27E-09	1.66E-07	1.54E-08	1.98E-07
2885	NG_1581	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.507	9.02E-07	1.54E-06	Not Modelled	2.11E-08	8.35E-10	8.80E-06	9.02E-08	1.80E-08	1.80E-15	9.02E-09	2.16E-10	1.59E-10	4.42E-10	1.46E-09	8.61E-09	1.38E-10	3.11E-09	1.58E-07	1.46E-08	1.88E-07
2886	NG_1582	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.507	8.57E-07	1.47E-06	Not Modelled	1.93E-08	7.93E-10	8.28E-06	8.57E-08	1.71E-08	1.71E-15	8.57E-09	2.05E-10	1.51E-10	4.20E-10	1.38E-09	8.18E-09	1.31E-10	2.95E-09	1.50E-07	1.39E-08	1.79E-07
2887	NG_1583	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.507	8.14E-07	1.40E-06	Not Modelled	1.77E-08	7.53E-10	7.81E-06	8.13E-08	1.63E-08	1.63E-15	8.14E-09	1.95E-10	1.43E-10	3.99E-10	1.31E-09	7.77E-09	1.24E-10	2.80E-09	1.42E-07	1.32E-08	1.70E-07
2888	NG_1584	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.507	7.79E-07	1.35E-06	Not Modelled	1.65E-08	7.21E-10	7.51E-06	7.79E-08	1.56E-08	1.56E-15	7.79E-09	1.86E-10	1.37E-10	3.82E-10	1.26E-09	7.44E-09	1.19E-10	2.69E-09	1.36E-07	1.26E-08	1.63E-07
2889	NG_1585	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.507	7.56E-07	1.32E-06	Not Modelled	1.57E-08	6.99E-10	7.38E-06	7.56E-08	1.51E-08	1.51E-15	7.56E-09	1.81E-10	1.33E-10	3.71E-10	1.22E-09	7.22E-09	1.15E-10	2.61E-09	1.32E-07	1.23E-08	1.58E-07
2890	NG_1586	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.507	7.39E-07	1.30E-06	Not Modelled	1.51E-08	6.84E-10	7.32E-06	7.39E-08	1.48E-08	1.48E-15	7.39E-09	1.77E-10	1.30E-10	3.62E-10	1.19E-09	7.05E-09	1.13E-10	2.55E-09	1.29E-07	1.20E-08	1.54E-07
2891	NG_1587	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.507	7.22E-07	1.27E-06	Not Modelled	1.45E-08	6.68E-10	7.22E-06	7.22E-08	1.44E-08	1.44E-15	7.22E-09	1.73E-10	1.27E-10	3.54E-10	1.17E-09	6.89E-09	1.10E-10	2.49E-09	1.26E-07	1.17E-08	1.51E-07
2892	NG_1588	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.507	7.06E-07	1.26E-06	Not Modelled	1.41E-08	6.53E-10	7.15E-06	7.06E-08	1.41E-08	1.41E-15	7.06E-09	1.69E-10	1.24E-10	3.46E-10	1.14E-09	6.74E-09	1.08E-10	2.43E-09	1.24E-07	1.15E-08	1.47E-07
2893	NG_1589	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.507	6.95E-07	1.24E-06	Not Modelled	1.38E-08	6.43E-10	7.14E-06	6.95E-08	1.39E-08	1.39E-15	6.95E-09	1.66E-10	1.22E-10	3.41E-10	1.12E-09	6.63E-09	1.06E-10	2.40E-09	1.22E-07	1.13E-08	1.45E-07
2894	NG_1590	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.507	6.81E-07	1.23E-06	Not Modelled	1.35E-08	6.30E-10	7.11E-06	6.81E-08	1.36E-08	1.36E-15	6.82E-09	1.63E-10	1.20E-10	3.34E-10	1.10E-09	6.51E-09	1.04E-10	2.35E-09	1.19E-07	1.11E-08	1.42E-07
2895	NG_1591	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.507	6.65E-07	1.21E-06	Not Modelled	1.32E-08	6.16E-10	7.03E-06	6.65E-08	1.33E-08	1.33E-15	6.65E-09	1.59E-10	1.17E-10	3.26E-10	1.07E-09	6.35E-09	1.02E-10	2.29E-09	1.16E-07	1.08E-08	1.39E-07
2896	NG_1592	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.507	6.40E-07	1.16E-06	Not Modelled	1.26E-08	5.92E-10	6.78E-06	6.40E-08	1.28E-08	1.28E-15	6.40E-09	1.53E-10	1.13E-10	3.14E-10	1.03E-09	6.11E-09	9.77E-11	2.21E-09	1.12E-07	1.04E-08	1.34E-07
2897	NG_1593	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.507	6.13E-07	1.12E-06	Not Modelled	1.21E-08	5.67E-10	6.51E-06	6.13E-08	1.23E-08	1.23E-15	6.13E-09	1.47E-10	1.08E-10	3.01E-10	9.90E-10	5.85E-09	9.36E-11	2.11E-09	1.07E-07	9.95E-09	1.28E-07
2898	NG_1594	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.507	5.87E-07	1.07E-06	Not Modelled	1.15E-08	5.43E-10	6.25E-06	5.87E-08	1.17E-08	1.17E-15	5.87E-09	1.40E-10	1.03E-10	2.88E-10	9.48E-10	5.61E-09	8.96E-11	2.02E-09	1.03E-07	9.52E-09	1.23E-07
2899	NG_1595	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.507	5.63E-07	1.03E-06	Not Modelled	1.10E-08	5.21E-10	6.03E-06	5.63E-08	1.13E-08	1.13E-15	5.64E-09	1.35E-10	9.93E-11	2.76E-10	9.10E-10	5.38E-09	8.60E-11	1.94E-09	9.86E-08	9.14E-09	1.18E-07
2900	NG_1596	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.507	5.38E-07	9.87E-07	Not Modelled	1.04E-08	4.97E-10	5.77E-06	5.38E-08	1.07E-08	1.07E-15	5.38E-09	1.29E-10	9.48E-11	2.64E-10	8.68E-10	5.13E-09	8.21E-11	1.85E-09	9.41E-08	8.72E-09	1.12E-07
2901	NG_1597	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.507	5.09E-07	9.35E-07	Not Modelled	9.82E-09	4.71E-10	5.44E-06	5.09E-08	1.02E-08	1.02E-15	5.09E-09	1.22E-10	8.97E-11	2.50E-10	8.22E-10	4.86E-09	7.77E-11	1.75E-09	8.91E-08	8.26E-09	1.06E-07
2902	NG_1598	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.507	4.80E-07	8.82E-07	Not Modelled	9.21E-09	4.44E-10	5.08E-06	4.80E-08	9.60E-09	9.60E-16	4.80E-09	1.15E-10	8.46E-11	2.35E-10	7.75E-10	4.58E-09	7.33E-11	1.65E-09	8.40E-08	7.79E-09	1.00E-07
2903	NG_1599	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.507	4.52E-07	8.30E-07	Not Modelled	8.60E-09	4.18E-10	4.73E-06	4.52E-08	9.03E-09	9.03E-16	4.52E-09	1.08E-10	7.96E-11	2.21E-10	7.29E-10	4.31E-09	6.89E-11	1.56E-09	7.91E-08	7.33E-09	9.42E-08
2904	NG_1600	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.557	4.28E-07	7.31E-07	Not Modelled	9.91E-09	3.95E-10	5.41E-06	4.27E-08	8.54E-09	8.54E-16	4.27E-09	1.02E-10	7.53E-11	2.09E-10	6.90E-10	4.08E-09	6.52E-11	1.47E-09	7.48E-08	6.93E-09	8.91E-08
2905	NG_1601	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.557	4.66E-07	7.98E-07	Not Modelled	1.08E-08	4.30E-10	5.79E-06	4.65E-08	9.29E-09	9.29E-16	4.65E-09	1.11E-10	8.19E-11	2.28E-10	7.50E-10	4.44E-09	7.09E-11	1.60E-09	8.13E-08	7.54E-09	9.70E-08
2906	NG_1602	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.557	5.07E-07	8.71E-07	Not Modelled	1.17E-08	4.68E-10	6.21E-06	5.06E-08	1.01E-08	1.01E-15	5.06E-09	1.21E-10	8.92E-11	2.48E-10	8.17E-10	4.83E-09	7.73E-11	1.74E-09	8.86E-08	8.21E-09	1.06E-07
2907	NG_1603	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.557	5.56E-07	9.58E-07	Not Modelled	1.29E-08	5.13E-10	6.72E-06	5.55E-08	1.11E-08	1.11E-15	5.55E-09	1.33E-10	9.78E-11	2.72E-10	8.96E-10	5.30E-09	8.47E-11	1.91E-09	9.71E-08	9.00E-09	1.16E-07
2908	NG_1604	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.557	6.12E-07	1.06E-06	Not Modelled	1.43E-08	5.66E-10	7.36E-06	6.11E-08	1.22E-08	1.22E-15	6.12E-09	1.46E-10	1.08E-10	3.00E-10	9.87E-10	5.84E-09	9.34E-11	2.11E-09	1.07E-07	9.92E-09	1.28E-07
2909	NG_1605	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.557	6.74E-07	1.17E-06	Not Modelled	1.59E-08	6.23E-10	8.03E-06	6.73E-08	1.35E-08	1.35E-15	6.73E-09	1.61E-10	1.19E-10	3.30E-10	1.09E-09	6.43E-09	1.03E-10	2.32E-09	1.18E-07	1.09E-08	1.40E-07
2910	NG_1606	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.557	7.41E-07	1.29E-06	Not Modelled	1.77E-08	6.85E-10	8.75E-06	7.40E-08	1.48E-08	1.48E-15	7.40E-09	1.77E-10	1.30E-10	3.63E-10	1.19E-09	7.06E-09	1.13E-10	2.55E-09	1.30E-07	1.20E-08	1.54E-07
2911	NG_1607	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.557	8.18E-07	1.43E-06	Not Modelled	1.97E-08	7.56E-10	9.64E-06	8.17E-08	1.63E-08	1.63E-15	8.18E-09	1.96E-10	1.44E-10	4.01E-10	1.32E-09	7.80E-09	1.25E-10	2.82E-09	1.43E-07	1.33E-08	1.71E-07
2912	NG_1608	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.557	8.98E-07	1.57E-06	Not Modelled	2.19E-08	8.30E-10	1.05E-05	8.97E-08	1.79E-08	1.79E-15	8.97E-09	2.15E-10	1.58E-10	4.40E-10	1.45E-09	8.57E-09	1.37E-10	3.09E-09	1.57E-07	1.46E-08	1.87E-07
2913	NG_1609	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.557	9.73E-07	1.71E-06	Not Modelled	2.40E-08	9.00E-10	1.13E-05	9.72E-08	1.94E-08	1.94E-15	9.73E-09	2.33E-10	1.71E-10	4.77E-10	1.57E-09	9.28E-09	1.48E-10	3.35E-09	1.70E-07	1.58E-08	2.03E-07
2914	NG_1610	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.557	1.04E-06	1.82E-06	Not Modelled	2.60E-08	9.59E-10	1.20E-05	1.04E-07	2.07E-08	2.07E-15	1.04E-08	2.48E-10	1.83E-10	5.08E-10	1.67E-09	9.90E-09	1.58E-10	3.57E-09	1.81E-07	1.68E-08	2.16E-07
2915	NG_1611	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.557	1.09E-06	1.92E-06	Not Modelled	2.79E-08	1.01E-09	1.26E-05	1.09E-07	2.18E-08	2.18E-15	1.09E-08	2.61E-10	1.93E-10	5.36E-10	1.76E-09	1.04E-08	1.67E-10	3.77E-09	1.91E-07	1.77E-08	2.28E-07
2916	NG_1612	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.557	1.13E-06	1.97E-06	Not Modelled	2.93E-08	1.04E-09	1.29E-05	1.13E-07	2.25E-08	2.25E-15	1.13E-08	2.70E-10	1.99E-10	5.53E-10	1.82E-09	1.08E-08	1.72E-10	3.89E-09	1.97E-07	1.83E-08	2.35E-07
2917	NG_1613	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.557	1.15E-06	2.00E-06	Not Modelled	3.04E-08	1.06E-09	1.30E-05	1.15E-07	2.29E-08	2.29E-15	1.15E-08	2.74E-10	2.02E-10	5.62E-10	1.85E-09	1.09E-08	1.75E-10	3.95E-09	2.01E-07	1.86E-08	2.39E-07
2918	NG_1614	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.557	1.15E-06	1.99E-06	Not Modelled	3.09E-08	1.06E-09	1.30E-05	1.15E-07	2.29E-08	2.29E-15	1.15E-08	2.74E-10	2.02E-10	5.62E-10	1.85E-09	1.09E-08	1.75E-10	3.95E-09	2.01E-07	1.86E-08	2.39E-07
2919	NG_1615	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.557	1.13E-06	1.95E-06	Not Modelled	3.09E-08	1.05E-09	1.26E-05	1.13E-07	2.26E-08	2.26E-15	1.13E-08	2.70E-10	1.99E-10	5.54E-10	1.82E-09	1.08E-08	1.72E-10	3.89E-09	1.98E-07	1.83E-08	2.36E-07
2920	NG_1616	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.557	1.10E-06	1.90E-06	Not Modelled	3.03E-08	1.02E-09	1.21E-05	1.10E-07	2.21E-08	2.21E-15	1.10E-08	2.64E-10	1.95E-10	5.41E-10	1.78E-09	1.05E-08	1.68E-10	3.80E-09	1.93E-07	1.79E-08	2.30E-07
2921	NG_1617	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.557	1.08E-06	1.84E-06	Not Modelled	2.93E-08	9.94E-10	1.16E-05	1.07E-07	2.15E-08	2.15E-15	1.08E-08	2.57E-10	1.89E-10	5.27E-10	1.74E-09	1.03E-08	1.64E-10	3.71E-09	1.88E-07	1.74E-08	2.24E-07
2922	NG_1618	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.557	1.04E-06	1.78E-06	Not Modelled	2.78E-08	9.62E-10	1.10E-05	1.04E-07	2.08E-08	2.08E-15	1.04E-08	2.49E-10	1.83E-10	5.10E-10	1.68E-09	9.93E-09	1.59E-10	3.59E-09	1.82E-07	1.69E-08	2.17E-07
2923	NG_1619	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.557	9.96E-07	1.70E-06	Not Modelled	2.59E-08	9.22E-10	1.02E-05	9.96E-08	1.99E-08	1.99E-15	9.96E-09	2.38E-10	1.76E-10	4.88E-10	1.61E-09	9.51E-09	1.52E-10	3.43E-09	1.74E-07	1.62E-08	2.08E-07
2924	NG_1620	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.557	9.52E-07	1.63E-06	Not Modelled	2.39E-08	8.81E-10	9.45E-06	9.52E-08	1.90E-08	1.90E-15	9.52E-09	2.28E-10	1.68E-10	4.67E-10	1.54E-09	9.09E-09	1.45E-10	3.28E-09	1.67E-07	1.54E-08	1.99E-07
2925	NG_1621	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.557	9.07E-07	1.55E-06	Not Modelled	2.20E-08	8.39E-10	8.80E-06	9.07E-08	1.81E-08	1.81E-15	9.07E-09	2.17E-10	1.60E-10	4.45E-10	1.46E-09	8.66E-09	1.38E-10	3.13E-09	1.59E-07	1.47E-08	1.89E-07

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 2 COMMERCIAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Receptor ID of Maximum Offsite Concentration / Deposition Rate							NG_837	NG_837	#N/A	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837	NG_837
Coordinates of Maximum Offsite Concentration/ Deposition Rate						X	379.464	379.464	#N/A	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464	379.464
						Y	6367.607	6367.607	#N/A	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607	6367.607
2926	NG_1622	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.557	8.61E-07	1.47E-06	Not Modelled	2.01E-08	7.97E-10	8.22E-06	8.61E-08	1.72E-08	1.72E-15	8.61E-09	2.06E-10	1.52E-10	4.22E-10	1.39E-09	8.22E-09	1.31E-10	2.97E-09	1.51E-07	1.40E-08	1.80E-07
2927	NG_1623	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.557	8.18E-07	1.40E-06	Not Modelled	1.84E-08	7.57E-10	7.74E-06	8.18E-08	1.64E-08	1.64E-15	8.18E-09	1.96E-10	1.44E-10	4.01E-10	1.32E-09	7.81E-09	1.25E-10	2.82E-09	1.43E-07	1.33E-08	1.71E-07
2928	NG_1624	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.557	7.77E-07	1.34E-06	Not Modelled	1.70E-08	7.19E-10	7.31E-06	7.77E-08	1.55E-08	1.55E-15	7.77E-09	1.86E-10	1.37E-10	3.81E-10	1.25E-09	7.42E-09	1.19E-10	2.68E-09	1.36E-07	1.26E-08	1.62E-07
2929	NG_1625	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.557	7.43E-07	1.28E-06	Not Modelled	1.58E-08	6.87E-10	7.00E-06	7.42E-08	1.48E-08	1.48E-15	7.43E-09	1.78E-10	1.31E-10	3.64E-10	1.20E-09	7.09E-09	1.13E-10	2.56E-09	1.30E-07	1.20E-08	1.55E-07
2930	NG_1626	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.557	7.18E-07	1.25E-06	Not Modelled	1.49E-08	6.64E-10	6.85E-06	7.18E-08	1.44E-08	1.44E-15	7.18E-09	1.72E-10	1.27E-10	3.52E-10	1.16E-09	6.86E-09	1.10E-10	2.48E-09	1.26E-07	1.16E-08	1.50E-07
2931	NG_1627	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.557	7.01E-07	1.23E-06	Not Modelled	1.43E-08	6.48E-10	6.77E-06	7.00E-08	1.40E-08	1.40E-15	7.01E-09	1.68E-10	1.23E-10	3.43E-10	1.13E-09	6.69E-09	1.07E-10	2.41E-09	1.23E-07	1.14E-08	1.46E-07
2932	NG_1628	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.557	6.85E-07	1.21E-06	Not Modelled	1.38E-08	6.34E-10	6.70E-06	6.85E-08	1.37E-08	1.37E-15	6.85E-09	1.64E-10	1.21E-10	3.36E-10	1.11E-09	6.54E-09	1.05E-10	2.36E-09	1.20E-07	1.11E-08	1.43E-07
2933	NG_1629	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.557	6.73E-07	1.19E-06	Not Modelled	1.35E-08	6.23E-10	6.68E-06	6.73E-08	1.35E-08	1.35E-15	6.73E-09	1.61E-10	1.19E-10	3.30E-10	1.09E-09	6.42E-09	1.03E-10	2.32E-09	1.18E-07	1.09E-08	1.40E-07
2934	NG_1630	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.557	6.65E-07	1.19E-06	Not Modelled	1.32E-08	6.15E-10	6.72E-06	6.64E-08	1.33E-08	1.33E-15	6.65E-09	1.59E-10	1.17E-10	3.26E-10	1.07E-09	6.34E-09	1.01E-10	2.29E-09	1.16E-07	1.08E-08	1.39E-07
2935	NG_1631	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.557	6.53E-07	1.18E-06	Not Modelled	1.30E-08	6.04E-10	6.70E-06	6.53E-08	1.31E-08	1.31E-15	6.53E-09	1.56E-10	1.15E-10	3.20E-10	1.05E-09	6.24E-09	9.97E-11	2.25E-09	1.14E-07	1.06E-08	1.36E-07
2936	NG_1632	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.557	6.40E-07	1.16E-06	Not Modelled	1.27E-08	5.92E-10	6.65E-06	6.40E-08	1.28E-08	1.28E-15	6.40E-09	1.53E-10	1.13E-10	3.14E-10	1.03E-09	6.11E-09	9.77E-11	2.21E-09	1.12E-07	1.04E-08	1.33E-07
2937	NG_1633	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.557	6.20E-07	1.13E-06	Not Modelled	1.22E-08	5.73E-10	6.48E-06	6.20E-08	1.24E-08	1.24E-15	6.20E-09	1.48E-10	1.09E-10	3.04E-10	1.00E-09	5.92E-09	9.46E-11	2.14E-09	1.08E-07	1.01E-08	1.29E-07
2938	NG_1634	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.557	5.97E-07	1.09E-06	Not Modelled	1.18E-08	5.52E-10	6.26E-06	5.97E-08	1.19E-08	1.19E-15	5.97E-09	1.43E-10	1.05E-10	2.93E-10	9.64E-10	5.70E-09	9.11E-11	2.06E-09	1.04E-07	9.68E-09	1.25E-07
2939	NG_1635	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.557	5.72E-07	1.05E-06	Not Modelled	1.12E-08	5.29E-10	6.02E-06	5.72E-08	1.14E-08	1.14E-15	5.72E-09	1.37E-10	1.01E-10	2.81E-10	9.24E-10	5.46E-09	8.74E-11	1.97E-09	1.00E-07	9.28E-09	1.19E-07
2940	NG_1636	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.557	5.50E-07	1.01E-06	Not Modelled	1.08E-08	5.09E-10	5.82E-06	5.50E-08	1.10E-08	1.10E-15	5.50E-09	1.32E-10	9.69E-11	2.70E-10	8.88E-10	5.25E-09	8.39E-11	1.90E-09	9.62E-08	8.92E-09	1.15E-07
2941	NG_1637	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.557	5.26E-07	9.66E-07	Not Modelled	1.03E-08	4.87E-10	5.59E-06	5.26E-08	1.05E-08	1.05E-15	5.26E-09	1.26E-10	9.28E-11	2.58E-10	8.50E-10	5.02E-09	8.03E-11	1.81E-09	9.21E-08	8.54E-09	1.10E-07
2942	NG_1638	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.557	5.01E-07	9.20E-07	Not Modelled	9.73E-09	4.63E-10	5.31E-06	5.00E-08	1.00E-08	1.00E-15	5.01E-09	1.20E-10	8.82E-11	2.45E-10	8.08E-10	4.78E-09	7.64E-11	1.73E-09	8.76E-08	8.12E-09	1.04E-07
2943	NG_1639	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.557	4.75E-07	8.73E-07	Not Modelled	9.18E-09	4.39E-10	5.01E-06	4.74E-08	9.49E-09	9.49E-16	4.75E-09	1.14E-10	8.36E-11	2.33E-10	7.66E-10	4.53E-09	7.25E-11	1.64E-09	8.31E-08	7.70E-09	9.90E-08
2944	NG_1640	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.557	4.49E-07	8.26E-07	Not Modelled	8.64E-09	4.15E-10	4.72E-06	4.49E-08	8.98E-09	8.98E-16	4.49E-09	1.07E-10	7.91E-11	2.20E-10	7.25E-10	4.29E-09	6.86E-11	1.55E-09	7.86E-08	7.28E-09	9.37E-08
2945	NG_1641	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.664	6368.607	4.40E-07	7.51E-07	Not Modelled	9.67E-09	4.05E-10	5.18E-06	4.38E-08	8.76E-09	8.76E-16	4.38E-09	1.05E-10	7.72E-11	2.15E-10	7.08E-10	4.18E-09	6.69E-11	1.51E-09	7.67E-08	7.11E-09	9.14E-08
2946	NG_1642	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.714	6368.607	4.77E-07	8.18E-07	Not Modelled	1.05E-08	4.40E-10	5.55E-06	4.76E-08	9.51E-09	9.51E-16	4.76E-09	1.14E-10	8.39E-11	2.33E-10	7.68E-10	4.54E-09	7.26E-11	1.64E-09	8.33E-08	7.72E-09	9.93E-08
2947	NG_1643	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.764	6368.607	5.20E-07	8.95E-07	Not Modelled	1.16E-08	4.80E-10	6.00E-06	5.18E-08	1.04E-08	1.04E-15	5.19E-09	1.24E-10	9.14E-11	2.54E-10	8.37E-10	4.95E-09	7.92E-11	1.79E-09	9.08E-08	8.41E-09	1.08E-07
2948	NG_1644	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.814	6368.607	5.69E-07	9.85E-07	Not Modelled	1.28E-08	5.26E-10	6.56E-06	5.68E-08	1.14E-08	1.14E-15	5.69E-09	1.36E-10	1.00E-10	2.79E-10	9.18E-10	5.43E-09	8.68E-11	1.96E-09	9.95E-08	9.22E-09	1.19E-07
2949	NG_1645	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.864	6368.607	6.23E-07	1.08E-06	Not Modelled	1.42E-08	5.76E-10	7.14E-06	6.22E-08	1.24E-08	1.24E-15	6.22E-09	1.49E-10	1.10E-10	3.05E-10	1.00E-09	5.94E-09	9.50E-11	2.14E-09	1.09E-07	1.01E-08	1.30E-07
2950	NG_1646	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6368.607	6.83E-07	1.19E-06	Not Modelled	1.57E-08	6.31E-10	7.80E-06	6.82E-08	1.36E-08	1.36E-15	6.82E-09	1.63E-10	1.20E-10	3.34E-10	1.10E-09	6.51E-09	1.04E-10	2.35E-09	1.19E-07	1.11E-08	1.42E-07
2951	NG_1647	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6368.607	7.45E-07	1.30E-06	Not Modelled	1.74E-08	6.89E-10	8.48E-06	7.44E-08	1.49E-08	1.49E-15	7.45E-09	1.78E-10	1.31E-10	3.65E-10	1.20E-09	7.11E-09	1.14E-10	2.57E-09	1.30E-07	1.21E-08	1.55E-07
2952	NG_1648	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6368.607	8.16E-07	1.43E-06	Not Modelled	1.93E-08	7.54E-10	9.27E-06	8.15E-08	1.63E-08	1.63E-15	8.15E-09	1.95E-10	1.44E-10	4.00E-10	1.32E-09	7.78E-09	1.24E-10	2.81E-09	1.43E-07	1.32E-08	1.70E-07
2953	NG_1649	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.064	6368.607	8.84E-07	1.55E-06	Not Modelled	2.13E-08	8.17E-10	1.00E-05	8.83E-08	1.77E-08	1.77E-15	8.83E-09	2.11E-10	1.56E-10	4.33E-10	1.43E-09	8.43E-09	1.35E-10	3.04E-09	1.55E-07	1.43E-08	1.84E-07
2954	NG_1650	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.114	6368.607	9.48E-07	1.67E-06	Not Modelled	2.32E-08	8.77E-10	1.07E-05	9.47E-08	1.89E-08	1.89E-15	9.48E-09	2.27E-10	1.67E-10	4.65E-10	1.53E-09	9.05E-09	1.45E-10	3.27E-09	1.66E-07	1.54E-08	1.98E-07
2955	NG_1651	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.164	6368.607	1.00E-06	1.76E-06	Not Modelled	2.49E-08	9.26E-10	1.13E-05	1.00E-07	2.00E-08	2.00E-15	1.00E-08	2.39E-10	1.76E-10	4.91E-10	1.62E-09	9.56E-09	1.53E-10	3.45E-09	1.75E-07	1.62E-08	2.09E-07
2956	NG_1652	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.214	6368.607	1.04E-06	1.83E-06	Not Modelled	2.64E-08	9.64E-10	1.17E-05	1.04E-07	2.08E-08	2.08E-15	1.04E-08	2.49E-10	1.84E-10	5.11E-10	1.68E-09	9.95E-09	1.59E-10	3.59E-09	1.82E-07	1.69E-08	2.18E-07
2957	NG_1653	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.264	6368.607	1.07E-06	1.87E-06	Not Modelled	2.76E-08	9.89E-10	1.19E-05	1.07E-07	2.14E-08	2.14E-15	1.07E-08	2.56E-10	1.88E-10	5.24E-10	1.73E-09	1.02E-08	1.63E-10	3.68E-09	1.87E-07	1.73E-08	2.23E-07
2958	NG_1654	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.314	6368.607	1.08E-06	1.88E-06	Not Modelled	2.85E-08	9.99E-10	1.19E-05	1.08E-07	2.16E-08	2.16E-15	1.08E-08	2.58E-10	1.90E-10	5.29E-10	1.74E-09	1.03E-08	1.65E-10	3.72E-09	1.89E-07	1.75E-08	2.25E-07
2959	NG_1655	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.364	6368.607	1.08E-06	1.87E-06	Not Modelled	2.89E-08	9.96E-10	1.18E-05	1.08E-07	2.15E-08	2.15E-15	1.08E-08	2.58E-10	1.90E-10	5.28E-10	1.74E-09	1.03E-08	1.64E-10	3.71E-09	1.89E-07	1.75E-08	2.25E-07
2960	NG_1656	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.414	6368.607	1.06E-06	1.83E-06	Not Modelled	2.88E-08	9.82E-10	1.15E-05	1.06E-07	2.12E-08	2.12E-15	1.06E-08	2.54E-10	1.87E-10	5.21E-10	1.71E-09	1.01E-08	1.62E-10	3.66E-09	1.86E-07	1.72E-08	2.22E-07
2961	NG_1657	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.464	6368.607	1.04E-06	1.79E-06	Not Modelled	2.82E-08	9.61E-10	1.11E-05	1.04E-07	2.08E-08	2.08E-15	1.04E-08	2.48E-10	1.83E-10	5.09E-10	1.68E-09	9.92E-09	1.59E-10	3.58E-09	1.82E-07	1.69E-08	2.17E-07
2962	NG_1658	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.514	6368.607	1.01E-06	1.73E-06	Not Modelled	2.73E-08	9.34E-10	1.06E-05	1.01E-07	2.02E-08	2.02E-15	1.01E-08	2.42E-10	1.78E-10	4.95E-10	1.63E-09	9.64E-09	1.54E-10	3.48E-09	1.77E-07	1.64E-08	2.11E-07
2963	NG_1659	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.564	6368.607	9.79E-07	1.68E-06	Not Modelled	2.60E-08	9.06E-10	1.00E-05	9.79E-08	1.96E-08	1.96E-15	9.79E-09	2.34E-10	1.73E-10	4.80E-10	1.58E-09	9.35E-09	1.49E-10	3.38E-09	1.71E-07	1.59E-08	2.04E-07
2964	NG_1660	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.614	6368.607	9.44E-07	1.61E-06	Not Modelled	2.44E-08	8.73E-10	9.44E-06	9.43E-08	1.89E-08	1.89E-15	9.44E-09	2.26E-10	1.66E-10	4.63E-10	1.52E-09	9.01E-09	1.44E-10	3.25E-09	1.65E-07	1.53E-08	1.97E-07
2965	NG_1661	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.664	6368.607	9.05E-07	1.55E-06	Not Modelled	2.27E-08	8.37E-10	8.84E-06	9.05E-08	1.81E-08	1.81E-15	9.05E-09	2.16E-10	1.59E-10	4.44E-10	1.46E-09	8.64E-09	1.38E-10	3.12E-09	1.58E-07	1.47E-08	1.89E-07
2966	NG_1662	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.714	6368.607	8.62E-07	1.48E-06	Not Modelled	2.08E-08	7.98E-10	8.25E-06	8.62E-08	1.72E-08	1.72E-15	8.63E-09	2.06E-10	1.52E-10	4.23E-10	1.39E-09	8.23E-09	1.32E-10	2.97E-09	1.51E-07	1.40E-08	1.80E-07
2967	NG_1663	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.764	6368.607	8.20E-07	1.41E-06	Not Modelled	1.91E-08	7.58E-10	7.72E-06	8.20E-08	1.64E-08	1.64E-15	8.20E-09	1.96E-10	1.44E-10	4.02E-10	1.32E-09	7.83E-09	1.25E-10	2.83E-09	1.44E-07	1.33E-08	1.71E-07
2968	NG_1664	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.814	6368.607	7.79E-07	1.34E-06	Not Modelled	1.76E-08	7.20E-10	7.26E-06	7.78E-08	1.56E-08	1.56E-15	7.79E-09	1.86E-10	1.37E-10	3.82E-10	1.26E-09	7.43E-09	1.19E-10	2.68E-09	1.36E-07	1.26E-08	1.62E-07
2969	NG_1665	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.864	6368.607	7.41E-07	1.28E-06	Not Modelled	1.62E-08	6.85E-10	6.89E-06	7.41E-08	1.48E-08	1.48E-15	7.41E-09	1.77E-10	1.31E-10	3.63E-10	1.20E-09	7.07E-09	1.13E-10	2.55E-09	1.30E-07	1.20E-08	1.55E-07
2970	NG_1666	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.914	6368.607	7.08E-07	1.22E-06	Not Modelled	1.51E-08	6.55E-10	6.60E-06	7.08E-08	1.42E-08	1.42E-15	7.08E-09	1.69E-10	1.25E-10	3.47E-10	1.14E-09	6.76E-09	1.08E-10	2.44E-09	1.24E-07	1.15E-08	1.48E-07
2971	NG_1667	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.964	6368.607	6.82E-07	1.18E-06	Not Modelled	1.42E-08	6.31E-10	6.41E-06	6.82E-08	1.36E-08	1.36E-15	6.82E-09	1.63E-10	1.20E-10	3.35E-10	1.10E-09	6.51E-09	1.04E-10	2.35E-09	1.19E-07	1.11E-08	1.42E-07
2972	NG_1668	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.014	6368.607	6.63E-07	1.16E-06	Not Modelled	1.36E-08	6.13E-10	6.29E-06	6.63E-08	1.33E-08	1.33E-15	6.63E-09	1.59E-10	1.17E-10	3.25E-10	1.07E-09	6.33E-09	1.01E-10	2.29E-09	1.16E-07	1.08E-08	1.38E-07
2973	NG_1669	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.064	6368.607	6.50E-07	1.14E-06	Not Modelled	1.31E-08	6.01E-10	6.25E-06	6.49E-08	1.30E-08	1.30E-15	6.50E-09	1.55E-10	1.14E-10	3.19E-10	1.05E-09	6.20E-09	9.92E-11	2.24E-09	1.14E-07	1.05E-08	1.36E-07
2974	NG_1670	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.114	6368.607	6.41E-07	1.14E-06	Not Modelled	1.29E-08	5.93E-10	6.28E-06	6.41E-08	1.28E-08	1.28E-15	6.41E-09	1.53E-10	1.13E-10	3.14E-10	1.03E-09	6.12E-09	9.78E-11	2.21E-09	1.12E-07	1.04E-08	1.34E-07
2975	NG_1671	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.164	6368.607	6.33E-07	1.13E-06	Not Modelled	1.26E-08	5.86E-10	6.31E-06	6.33E-08	1.27E-08	1.27E-15	6.33E-09	1.51E-10	1.12E-10	3.10E-10	1.02E-09	6.04E-09	9.66E-11	2.18E-09	1.11E-07	1.03E-08	1.32E-07
2976	NG_1672	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.214	6368.607	6.24E-07	1.12E-06	Not Modelled	1.24E-08	5.78E-10	6.31E-06	6.24E-08	1.25E-08	1.25E-15	6.25E-09	1.49E-10	1.10E-10	3.06E-10	1.01E-09	5.96E-09	9.53E-11	2.15E-09	1.09E-07	1.01E-08	1.30E-07
2977	NG_1673	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.264	6368.607	6.11E-07	1.10E-06	Not Modelled	1.21E-08	5.65E-10	6.25E-06	6.11E-08	1.22E-08	1.22E-15	6.11E-09	1.46E-10	1.08E-10	3.00E-10	9.87E-10	5.83E-09	9.33E-11	2.11E-09	1.07E-07	9.91E-09	1.28E-07
2978	NG_1674	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.314	6368.607	5.96E-07	1.08E-06	Not Modelled	1.18E-08	5.51E-10	6.14E-06	5.96E-08	1.19E-08	1.19E-15	5.96E-09	1.43E-10	1.05E-10	2.92E-10	9.62E-10	5.69E-09	9.09E-11	2.05E-09	1.04E-07	9.66E-09	1.24E-07
2979	NG_1675	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.364	6368.607	5.76E-07	1.05E-06	Not Modelled	1.14E-08	5.33E-10	5.97E-06	5.76E-08	1.15E-08	1.15E-15	5.76E-09	1.38E-10	1.02E-10	2.83E-10	9.30E-10	5.50E-09	8.80E-11	1.99E-09	1.01E-07	9.35E-09	1.20E-07
2980	NG_1676	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.414	6368.607	5.59E-07	1.02E-06	Not Modelled	1.10E-08	5.17E-10	5.84E-06	5.58E-08	1.12E-08	1.12E-15	5.59E-09	1.34E-10	9.84E-11	2.74E-10	9.02E-10	5.33E-09	8.53E-11	1.93E-09	9.78E-08	9.06E-09	1.17E-07
2981	NG_1677	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.464	6368.607	5.38E-07	9.86E-07	Not Modelled	1.06E-08	4.98E-10	5.66E-06	5.38E-08	1.08E-08	1.08E-15	5.38E-09	1.29E-10	9.48E-11	2.64E-10	8.69E-10	5.14E-09	8.21E-11	1.85E-09	9.42E-08	8.73E-09	1.12E-07
2982	NG_1678	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.514	6368.607	5.16E-07	9.47E-07	Not Modelled	1.01E-08	4.77E-10	5.44E-06	5.15E-08	1.03E-08	1.03E-15	5.16E-09	1.23E-10	9.09E-11	2.53E-10	8.32E-10	4.92E-09	7.87E-11	1.78E-09	9.03E-08	8.36E-09	1.08E-07
2983	NG_1679	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.564	6368.607	4.93E-07	9.06E-07	Not Modelled	9.65E-09	4.56E-10	5.21E-06	4.93E-08	9.86E-09	9.86E-16	4.93E-09	1.18E-10	8.69E-11	2.42E-10	7.96E-10	4.71E-09	7.53E-11	1.70E-09	8.63E-08	8.00E-09	1.03E-07
2984	NG_1680	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.614	6368.607	4.71E-07	8.67E-07	Not Modelled	9.19E-09	4.36E-10	4.98E-06	4.71E-08	9.42E-09	9.42E-16	4.71E-09	1.13E-10	8.30E-11	2.31E-10	7.61E-10	4.50E-09	7.19E-11	1.62E-09	8.25E-08	7.64E-09	9.83E-08
2985	NG_1681	Nested Grid - 50m	Commercial/ Industrial	Offsite	380.664	6368.607	4.50E-07	8.29E-07	Not Modelled	8.75E-09	4.16E-10	4.77E-06	4.50E-08	8.99E-09	8.99E-16	4.50E-09	1.08E-10	7.93E-11	2.21E-10	7.26E-10	4.29E-09	6.87E-11	1.55E-09	7.87E-08	7.30E-09	9.39E-08
1886	NG_582	Nested Grid - 50m	Commercial/ Industrial	Offsite	379.014	6367.307	4.52E-07	8.48E-07	Not Modelled	3.03E-08	4.18E-10	1.88E-05	4.52E-08	9.03E-09	9.03E-16	4.52E-09	1.08E-10	7.96E-11	2.22E-10	7.29E-10	4.31E-09	6.90E-11	1.56E-09	7.91E-08	7.33E-09	9.43E-08
2008	NG_704	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.964	6367.457	4.21E-07	7.80E-07	Not Modelled	3.38E-08	3.89E-10	1.90E-05	4.20E-08	8.41E-09	8.41E-16	4.21E-09	1.01E-10	7.41E-11	2.06E-10	6.79E-10	4.01E-09	6.42E-11	1.45E-09	7.36E-08	6.82E-09	8.78E-08
2048	NG_744	Nested Grid - 50m	Commercial/ Industrial	Offsite	378.914	6367.507	3.79E-07	7.01E-07	Not Modelled	3.10E-08	3.50E-10	1.72E-05	3.79E-08	7.57E-09	7.57E-16	3.79E-09	9.06E-11	6.67E-11	1.86E-10	6.11E-10	3.62E-09	5.78E-11	1.31E-09	6.63E-08	6.14E-09	7.90E-08

AQIA DATA - SCENARIO 2 RECREATIONAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.258**	**0.517**	**0.000**	**0.119**	**0.000**	**0.204**	**0.026**	**0.005**	**0.000**	**0.003**	**0.000**	**0.000**	**0.000**	**0.000**	**0.002**	**0.000**	**0.001**	**0.045**	**0.004**	**0.054**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**SG_397**	**SG_397**	**#N/A**	**NG_783**	**SG_397**	**NG_783**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**381.500**	**381.500**	**#N/A**	**378.814**	**381.500**	**378.814**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**
						Y	**6366.900**	**6366.900**	**#N/A**	**6367.557**	**6366.900**	**6367.557**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**
1	SG_1	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6364.500	2.25E-02	4.52E-02	Not Modelled	1.29E-02	2.09E-05	1.08E-02	2.26E-03	4.51E-04	4.51E-11	2.26E-04	5.39E-06	3.98E-06	1.11E-05	3.64E-05	2.15E-04	3.44E-06	7.77E-05	3.95E-03	3.66E-04	4.71E-03
2	SG_2	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6364.500	2.22E-02	4.46E-02	Not Modelled	1.28E-02	2.06E-05	1.09E-02	2.22E-03	4.45E-04	4.45E-11	2.23E-04	5.32E-06	3.92E-06	1.09E-05	3.59E-05	2.12E-04	3.39E-06	7.66E-05	3.89E-03	3.61E-04	4.64E-03
3	SG_3	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6364.500	2.16E-02	4.34E-02	Not Modelled	1.25E-02	2.00E-05	1.08E-02	2.17E-03	4.33E-04	4.33E-11	2.17E-04	5.18E-06	3.82E-06	1.06E-05	3.50E-05	2.07E-04	3.31E-06	7.46E-05	3.79E-03	3.51E-04	4.52E-03
4	SG_4	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6364.500	2.02E-02	4.07E-02	Not Modelled	1.16E-02	1.88E-05	1.02E-02	2.03E-03	4.06E-04	4.06E-11	2.03E-04	4.85E-06	3.58E-06	9.95E-06	3.28E-05	1.94E-04	3.10E-06	6.99E-05	3.55E-03	3.29E-04	4.24E-03
5	SG_5	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6364.500	1.90E-02	3.83E-02	Not Modelled	1.09E-02	1.77E-05	9.62E-03	1.91E-03	3.82E-04	3.82E-11	1.91E-04	4.57E-06	3.37E-06	9.36E-06	3.08E-05	1.82E-04	2.91E-06	6.58E-05	3.34E-03	3.10E-04	3.98E-03
6	SG_6	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6364.500	1.86E-02	3.75E-02	Not Modelled	1.07E-02	1.73E-05	9.61E-03	1.87E-03	3.74E-04	3.74E-11	1.87E-04	4.47E-06	3.30E-06	9.17E-06	3.02E-05	1.78E-04	2.85E-06	6.44E-05	3.27E-03	3.03E-04	3.90E-03
7	SG_7	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6364.500	1.82E-02	3.65E-02	Not Modelled	1.03E-02	1.69E-05	9.50E-03	1.82E-03	3.64E-04	3.64E-11	1.82E-04	4.36E-06	3.21E-06	8.93E-06	2.94E-05	1.74E-04	2.78E-06	6.28E-05	3.19E-03	2.96E-04	3.80E-03
8	SG_8	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6364.500	1.80E-02	3.62E-02	Not Modelled	1.01E-02	1.67E-05	9.57E-03	1.81E-03	3.61E-04	3.61E-11	1.81E-04	4.32E-06	3.18E-06	8.86E-06	2.92E-05	1.72E-04	2.76E-06	6.22E-05	3.16E-03	2.93E-04	3.77E-03
9	SG_9	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6364.500	1.81E-02	3.63E-02	Not Modelled	1.01E-02	1.68E-05	9.84E-03	1.81E-03	3.62E-04	3.62E-11	1.81E-04	4.33E-06	3.19E-06	8.88E-06	2.92E-05	1.73E-04	2.76E-06	6.24E-05	3.17E-03	2.94E-04	3.78E-03
10	SG_10	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6364.500	1.85E-02	3.72E-02	Not Modelled	1.03E-02	1.72E-05	1.05E-02	1.85E-03	3.71E-04	3.71E-11	1.85E-04	4.43E-06	3.27E-06	9.09E-06	2.99E-05	1.77E-04	2.83E-06	6.39E-05	3.24E-03	3.01E-04	3.87E-03
11	SG_11	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6364.500	1.60E-02	3.22E-02	Not Modelled	8.73E-03	1.49E-05	9.01E-03	1.61E-03	3.21E-04	3.21E-11	1.61E-04	3.84E-06	2.83E-06	7.88E-06	2.60E-05	1.53E-04	2.45E-06	5.54E-05	2.81E-03	2.61E-04	3.35E-03
12	SG_12	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6364.500	1.54E-02	3.10E-02	Not Modelled	8.22E-03	1.43E-05	8.77E-03	1.55E-03	3.09E-04	3.09E-11	1.55E-04	3.70E-06	2.72E-06	7.58E-06	2.50E-05	1.48E-04	2.36E-06	5.33E-05	2.71E-03	2.51E-04	3.23E-03
13	SG_13	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6364.500	1.51E-02	3.04E-02	Not Modelled	7.85E-03	1.40E-05	8.63E-03	1.52E-03	3.03E-04	3.03E-11	1.52E-04	3.62E-06	2.67E-06	7.43E-06	2.45E-05	1.45E-04	2.31E-06	5.22E-05	2.65E-03	2.46E-04	3.16E-03
14	SG_14	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6364.500	1.51E-02	3.04E-02	Not Modelled	7.71E-03	1.40E-05	8.67E-03	1.52E-03	3.03E-04	3.03E-11	1.52E-04	3.63E-06	2.67E-06	7.44E-06	2.45E-05	1.45E-04	2.32E-06	5.23E-05	2.66E-03	2.46E-04	3.17E-03
15	SG_15	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6364.500	1.59E-02	3.19E-02	Not Modelled	7.92E-03	1.47E-05	9.07E-03	1.59E-03	3.18E-04	3.18E-11	1.59E-04	3.80E-06	2.80E-06	7.79E-06	2.57E-05	1.52E-04	2.43E-06	5.48E-05	2.78E-03	2.58E-04	3.32E-03
17	SG_17	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6364.500	1.93E-02	3.87E-02	Not Modelled	8.87E-03	1.79E-05	1.02E-02	1.93E-03	3.86E-04	3.86E-11	1.93E-04	4.62E-06	3.40E-06	9.47E-06	3.12E-05	1.84E-04	2.95E-06	6.66E-05	3.38E-03	3.13E-04	4.03E-03
18	SG_18	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6364.500	2.30E-02	4.62E-02	Not Modelled	1.01E-02	2.13E-05	1.18E-02	2.30E-03	4.60E-04	4.60E-11	2.30E-04	5.51E-06	4.06E-06	1.13E-05	3.72E-05	2.20E-04	3.52E-06	7.94E-05	4.03E-03	3.73E-04	4.80E-03
19	SG_19	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6364.500	2.78E-02	5.58E-02	Not Modelled	1.18E-02	2.58E-05	1.39E-02	2.78E-03	5.57E-04	5.57E-11	2.78E-04	6.66E-06	4.91E-06	1.37E-05	4.50E-05	2.66E-04	4.25E-06	9.60E-05	4.87E-03	4.52E-04	5.81E-03
20	SG_20	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6364.500	3.04E-02	6.10E-02	Not Modelled	1.26E-02	2.82E-05	1.47E-02	3.04E-03	6.09E-04	6.09E-11	3.04E-04	7.28E-06	5.36E-06	1.49E-05	4.91E-05	2.91E-04	4.65E-06	1.05E-04	5.33E-03	4.94E-04	6.35E-03
21	SG_21	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6364.500	3.22E-02	6.47E-02	Not Modelled	1.31E-02	2.99E-05	1.50E-02	3.23E-03	6.45E-04	6.45E-11	3.23E-04	7.72E-06	5.69E-06	1.58E-05	5.21E-05	3.08E-04	4.93E-06	1.11E-04	5.65E-03	5.23E-04	6.73E-03
22	SG_22	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6364.500	3.48E-02	6.98E-02	Not Modelled	1.40E-02	3.22E-05	1.56E-02	3.49E-03	6.97E-04	6.97E-11	3.49E-04	8.34E-06	6.14E-06	1.71E-05	5.63E-05	3.33E-04	5.32E-06	1.20E-04	6.10E-03	5.65E-04	7.27E-03
23	SG_23	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6364.500	3.81E-02	7.66E-02	Not Modelled	1.51E-02	3.54E-05	1.66E-02	3.82E-03	7.64E-04	7.64E-11	3.82E-04	9.15E-06	6.74E-06	1.87E-05	6.17E-05	3.65E-04	5.84E-06	1.32E-04	6.69E-03	6.20E-04	7.98E-03
24	SG_24	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6364.500	4.19E-02	8.41E-02	Not Modelled	1.63E-02	3.88E-05	1.75E-02	4.20E-03	8.39E-04	8.39E-11	4.20E-04	1.00E-05	7.40E-06	2.06E-05	6.78E-05	4.01E-04	6.41E-06	1.45E-04	7.35E-03	6.81E-04	8.76E-03
25	SG_25	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6364.500	4.69E-02	9.42E-02	Not Modelled	1.80E-02	4.35E-05	1.89E-02	4.70E-03	9.40E-04	9.40E-11	4.70E-04	1.13E-05	8.29E-06	2.31E-05	7.59E-05	4.49E-04	7.18E-06	1.62E-04	8.23E-03	7.63E-04	9.81E-03
26	SG_26	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6364.500	5.34E-02	1.07E-01	Not Modelled	2.00E-02	4.95E-05	2.07E-02	5.36E-03	1.07E-03	1.07E-10	5.36E-04	1.28E-05	9.44E-06	2.63E-05	8.65E-05	5.11E-04	8.18E-06	1.85E-04	9.38E-03	8.69E-04	1.12E-02
27	SG_27	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6364.500	5.68E-02	1.14E-01	Not Modelled	2.07E-02	5.28E-05	2.07E-02	5.70E-03	1.14E-03	1.14E-10	5.71E-04	1.37E-05	1.01E-05	2.80E-05	9.21E-05	5.45E-04	8.71E-06	1.97E-04	9.99E-03	9.25E-04	1.19E-02
28	SG_28	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6364.500	6.22E-02	1.25E-01	Not Modelled	2.22E-02	5.78E-05	2.16E-02	6.25E-03	1.25E-03	1.25E-10	6.25E-04	1.49E-05	1.10E-05	3.06E-05	1.01E-04	5.96E-04	9.54E-06	2.15E-04	1.09E-02	1.01E-03	1.30E-02
29	SG_29	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6364.500	7.11E-02	1.43E-01	Not Modelled	2.52E-02	6.60E-05	2.42E-02	7.13E-03	1.43E-03	1.43E-10	7.13E-04	1.71E-05	1.26E-05	3.50E-05	1.15E-04	6.81E-04	1.09E-05	2.46E-04	1.25E-02	1.16E-03	1.49E-02
30	SG_30	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6364.500	8.32E-02	1.67E-01	Not Modelled	3.00E-02	7.71E-05	2.89E-02	8.34E-03	1.67E-03	1.67E-10	8.34E-04	2.00E-05	1.47E-05	4.09E-05	1.35E-04	7.96E-04	1.27E-05	2.88E-04	1.46E-02	1.35E-03	1.74E-02
31	SG_31	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6364.500	8.78E-02	1.76E-01	Not Modelled	3.21E-02	8.14E-05	3.06E-02	8.80E-03	1.76E-03	1.76E-10	8.80E-04	2.10E-05	1.55E-05	4.31E-05	1.42E-04	8.40E-04	1.34E-05	3.03E-04	1.54E-02	1.43E-03	1.84E-02
32	SG_32	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6364.700	2.53E-02	5.09E-02	Not Modelled	1.44E-02	2.35E-05	1.23E-02	2.54E-03	5.08E-04	5.08E-11	2.54E-04	6.07E-06	4.48E-06	1.25E-05	4.10E-05	2.42E-04	3.88E-06	8.75E-05	4.45E-03	4.12E-04	5.30E-03
33	SG_33	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6364.700	2.42E-02	4.86E-02	Not Modelled	1.38E-02	2.24E-05	1.20E-02	2.42E-03	4.85E-04	4.85E-11	2.43E-04	5.80E-06	4.27E-06	1.19E-05	3.92E-05	2.31E-04	3.70E-06	8.36E-05	4.25E-03	3.93E-04	5.06E-03
34	SG_34	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6364.700	2.35E-02	4.72E-02	Not Modelled	1.35E-02	2.18E-05	1.18E-02	2.36E-03	4.71E-04	4.71E-11	2.36E-04	5.63E-06	4.15E-06	1.16E-05	3.80E-05	2.25E-04	3.60E-06	8.12E-05	4.12E-03	3.82E-04	4.92E-03
35	SG_35	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6364.700	2.28E-02	4.59E-02	Not Modelled	1.31E-02	2.12E-05	1.17E-02	2.29E-03	4.58E-04	4.58E-11	2.29E-04	5.48E-06	4.04E-06	1.12E-05	3.70E-05	2.19E-04	3.49E-06	7.89E-05	4.01E-03	3.72E-04	4.78E-03
36	SG_36	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6364.700	2.18E-02	4.39E-02	Not Modelled	1.24E-02	2.03E-05	1.13E-02	2.19E-03	4.38E-04	4.38E-11	2.19E-04	5.24E-06	3.86E-06	1.07E-05	3.54E-05	2.09E-04	3.34E-06	7.55E-05	3.83E-03	3.55E-04	4.57E-03
37	SG_37	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6364.700	2.15E-02	4.32E-02	Not Modelled	1.23E-02	1.99E-05	1.14E-02	2.15E-03	4.31E-04	4.31E-11	2.16E-04	5.15E-06	3.80E-06	1.06E-05	3.48E-05	2.06E-04	3.29E-06	7.43E-05	3.77E-03	3.50E-04	4.50E-03
38	SG_38	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6364.700	2.09E-02	4.20E-02	Not Modelled	1.19E-02	1.94E-05	1.14E-02	2.09E-03	4.19E-04	4.19E-11	2.10E-04	5.01E-06	3.69E-06	1.03E-05	3.38E-05	2.00E-04	3.20E-06	7.22E-05	3.67E-03	3.40E-04	4.37E-03
39	SG_39	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6364.700	2.09E-02	4.20E-02	Not Modelled	1.18E-02	1.94E-05	1.17E-02	2.09E-03	4.19E-04	4.19E-11	2.10E-04	5.01E-06	3.69E-06	1.03E-05	3.38E-05	2.00E-04	3.20E-06	7.22E-05	3.67E-03	3.40E-04	4.37E-03
40	SG_40	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6364.700	1.95E-02	3.91E-02	Not Modelled	1.08E-02	1.81E-05	1.08E-02	1.95E-03	3.90E-04	3.90E-11	1.95E-04	4.67E-06	3.44E-06	9.57E-06	3.15E-05	1.86E-04	2.98E-06	6.72E-05	3.42E-03	3.17E-04	4.07E-03
41	SG_41	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6364.700	1.95E-02	3.91E-02	Not Modelled	1.08E-02	1.81E-05	1.12E-02	1.95E-03	3.90E-04	3.90E-11	1.95E-04	4.67E-06	3.44E-06	9.57E-06	3.15E-05	1.86E-04	2.98E-06	6.72E-05	3.42E-03	3.17E-04	4.07E-03
42	SG_42	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6364.700	1.71E-02	3.44E-02	Not Modelled	9.25E-03	1.59E-05	9.71E-03	1.71E-03	3.43E-04	3.43E-11	1.72E-04	4.10E-06	3.02E-06	8.41E-06	2.77E-05	1.64E-04	2.62E-06	5.91E-05	3.00E-03	2.78E-04	3.58E-03
43	SG_43	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6364.700	1.65E-02	3.32E-02	Not Modelled	8.75E-03	1.53E-05	9.53E-03	1.65E-03	3.31E-04	3.31E-11	1.66E-04	3.96E-06	2.92E-06	8.11E-06	2.67E-05	1.58E-04	2.53E-06	5.70E-05	2.90E-03	2.68E-04	3.45E-03
44	SG_44	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6364.700	1.64E-02	3.29E-02	Not Modelled	8.48E-03	1.52E-05	9.56E-03	1.64E-03	3.28E-04	3.28E-11	1.64E-04	3.93E-06	2.89E-06	8.05E-06	2.65E-05	1.57E-04	2.51E-06	5.66E-05	2.87E-03	2.66E-04	3.43E-03
45	SG_45	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6364.700	1.65E-02	3.31E-02	Not Modelled	8.35E-03	1.53E-05	9.66E-03	1.65E-03	3.30E-04	3.30E-11	1.65E-04	3.95E-06	2.91E-06	8.10E-06	2.67E-05	1.58E-04	2.52E-06	5.69E-05	2.89E-03	2.68E-04	3.45E-03
46	SG_46	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6364.700	1.70E-02	3.41E-02	Not Modelled	8.40E-03	1.57E-05	9.83E-03	1.70E-03	3.40E-04	3.40E-11	1.70E-04	4.07E-06	3.00E-06	8.34E-06	2.75E-05	1.62E-04	2.60E-06	5.86E-05	2.98E-03	2.76E-04	3.55E-03
48	SG_48	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6364.700	2.10E-02	4.22E-02	Not Modelled	9.51E-03	1.95E-05	1.12E-02	2.10E-03	4.21E-04	4.21E-11	2.10E-04	5.03E-06	3.71E-06	1.03E-05	3.40E-05	2.01E-04	3.21E-06	7.25E-05	3.68E-03	3.41E-04	4.39E-03
49	SG_49	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6364.700	2.57E-02	5.16E-02	Not Modelled	1.11E-02	2.38E-05	1.33E-02	2.58E-03	5.15E-04	5.15E-11	2.58E-04	6.16E-06	4.54E-06	1.26E-05	4.16E-05	2.46E-04	3.93E-06	8.88E-05	4.51E-03	4.18E-04	5.38E-03
50	SG_50	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6364.700	3.05E-02	6.12E-02	Not Modelled	1.28E-02	2.83E-05	1.53E-02	3.05E-03	6.11E-04	6.11E-11	3.06E-04	7.31E-06	5.38E-06	1.50E-05	4.93E-05	2.92E-04	4.66E-06	1.05E-04	5.35E-03	4.96E-04	6.38E-03
51	SG_51	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6364.700	3.27E-02	6.57E-02	Not Modelled	1.34E-02	3.03E-05	1.58E-02	3.28E-03	6.56E-04	6.56E-11	3.28E-04	7.84E-06	5.78E-06	1.61E-05	5.29E-05	3.13E-04	5.01E-06	1.13E-04	5.74E-03	5.32E-04	6.84E-03
52	SG_52	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6364.700	3.58E-02	7.18E-02	Not Modelled	1.44E-02	3.32E-05	1.67E-02	3.58E-03	7.17E-04	7.17E-11	3.59E-04	8.58E-06	6.32E-06	1.76E-05	5.79E-05	3.42E-04	5.47E-06	1.24E-04	6.28E-03	5.82E-04	7.48E-03
53	SG_53	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6364.700	3.91E-02	7.84E-02	Not Modelled	1.55E-02	3.62E-05	1.76E-02	3.91E-03	7.83E-04	7.83E-11	3.91E-04	9.36E-06	6.90E-06	1.92E-05	6.32E-05	3.74E-04	5.98E-06	1.35E-04	6.85E-03	6.35E-04	8.17E-03
54	SG_54	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6364.700	4.34E-02	8.71E-02	Not Modelled	1.69E-02	4.02E-05	1.89E-02	4.35E-03	8.70E-04	8.70E-11	4.35E-04	1.04E-05	7.67E-06	2.13E-05	7.02E-05	4.15E-04	6.64E-06	1.50E-04	7.61E-03	7.06E-04	9.08E-03
55	SG_55	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6364.700	4.84E-02	9.72E-02	Not Modelled	1.85E-02	4.49E-05	2.02E-02	4.85E-03	9.70E-04	9.70E-11	4.85E-04	1.16E-05	8.55E-06	2.38E-05	7.83E-05	4.63E-04	7.41E-06	1.67E-04	8.49E-03	7.87E-04	1.01E-02
56	SG_56	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6364.700	5.32E-02	1.07E-01	Not Modelled	1.99E-02	4.94E-05	2.12E-02	5.34E-03	1.07E-03	1.07E-10	5.34E-04	1.28E-05	9.41E-06	2.62E-05	8.62E-05	5.10E-04	8.15E-06	1.84E-04	9.35E-03	8.66E-04	1.11E-02
57	SG_57	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6364.700	5.96E-02	1.20E-01	Not Modelled	2.17E-02	5.53E-05	2.24E-02	5.98E-03	1.20E-03	1.20E-10	5.98E-04	1.43E-05	1.05E-05	2.93E-05	9.66E-05	5.71E-04	9.14E-06	2.06E-04	1.05E-02	9.70E-04	1.25E-02
58	SG_58	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6364.700	7.26E-02	1.46E-01	Not Modelled	2.60E-02	6.74E-05	2.67E-02	7.29E-03	1.46E-03	1.46E-10	7.29E-04	1.74E-05	1.28E-05	3.57E-05	1.18E-04	6.96E-04	1.11E-05	2.51E-04	1.28E-02	1.18E-03	1.52E-02
59	SG_59	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6364.700	9.11E-02	1.83E-01	Not Modelled	3.30E-02	8.45E-05	3.42E-02	9.13E-03	1.83E-03	1.83E-10	9.14E-04	2.19E-05	1.61E-05	4.48E-05	1.48E-04	8.72E-04	1.40E-05	3.15E-04	1.60E-02	1.48E-03	1.91E-02
60	SG_60	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6364.700	9.46E-02	1.90E-01	Not Modelled	3.42E-02	8.77E-05	3.46E-02	9.48E-03	1.90E-03	1.90E-10	9.48E-04	2.27E-05	1.67E-05	4.65E-05	1.53E-04	9.05E-04	1.45E-05	3.27E-04	1.66E-02	1.54E-03	1.98E-02
61	SG_61	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6364.700	8.89E-02	1.79E-01	Not Modelled	3.20E-02	8.25E-05	3.12E-02	8.91E-03	1.78E-03	1.78E-10	8.91E-04	2.13E-05	1.57E-05	4.37E-05	1.44E-04	8.51E-04	1.36E-05	3.07E-04	1.56E-02	1.45E-03	1.86E-02
62	SG_62	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6364.700	8.45E-02	1.70E-01	Not Modelled	3.06E-02	7.83E-05	2.90E-02	8.46E-03	1.69E-03	1.69E-10	8.47E-04	2.03E-05	1.49E-05	4.15E-05	1.37E-04	8.08E-04	1.29E-05	2.92E-04	1.48E-02	1.37E-03	1.77E-02
63	SG_63	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6364.900	2.91E-02	5.85E-02	Not Modelled	1.63E-02	2.70E-05	1.44E-02	2.92E-03	5.84E-04	5.84E-11	2.92E-04	6.99E-06	5.15E-06	1.43E-05	4.72E-05	2.79E-04	4.46E-06	1.01E-04	5.12E-03	4.74E-04	6.10E-03
64	SG_64	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6364.900	2.82E-02	5.66E-02	Not Modelled	1.60E-02	2.61E-05	1.42E-02	2.82E-03	5.65E-04	5.65E-11	2.83E-04	6.75E-06	4.98E-06	1.38E-05	4.56E-05	2.70E-04	4.31E-06	9.73E-05	4.94E-03	4.58E-04	5.89E-03
65	SG_65	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6364.900	2.67E-02	5.36E-02	Not Modelled	1.52E-02	2.47E-05	1.37E-02	2.67E-03	5.35E-04	5.35E-11	2.68E-04	6.39E-06	4.71E-06	1.31E-05	4.32E-05	2.55E-04	4.08E-06	9.21E-05	4.68E-03	4.34E-04	5.58E-03
66	SG_66	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6364.900	2.66E-02	5.34E-02	Not Modelled	1.52E-02	2.47E-05	1.40E-02	2.66E-03	5.33E-04	5.33E-11	2.67E-04	6.37E-06	4.70E-06	1.31E-05	4.30E-05	2.54E-04	4.07E-06	9.18E-05	4.66E-03	4.32E-04	5.56E-03
67	SG_67	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6364.900	2.55E-02	5.12E-02	Not Modelled	1.45E-02	2.36E-05	1.36E-02	2.55E-03	5.10E-04	5.10E-11	2.55E-04	6.10E-06	4.50E-06	1.25E-05	4.12E-05	2.44E-04	3.90E-06	8.79E-05	4.47E-03	4.14E-04	5.33E-03
68	SG_68	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6364.900	2.59E-02	5.20E-02	Not Modelled	1.48E-02	2.40E-05	1.44E-02	2.59E-03	5.19E-04	5.19E-11	2.60E-04	6.20E-06	4.57E-06	1.27E-05	4.19E-05	2.48E-04	3.96E-06	8.94E-05	4.54E-03	4.21E-04	5.41E-03
69	SG_69	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6364.900	2.44E-02	4.91E-02	Not Modelled	1.39E-02	2.27E-05	1.38E-02	2.45E-03	4.89E-04	4.89E-11	2.45E-04	5.85E-06	4.31E-06	1.20E-05	3.95E-05	2.34E-04	3.74E-06	8.43E-05	4.28E-03	3.97E-04	5.11E-03
70	SG_70	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6364.900	2.20E-02	4.41E-02	Not Modelled	1.23E-02	2.04E-05	1.23E-02	2.20E-03	4.40E-04	4.40E-11	2.20E-04	5.26E-06	3.88E-06	1.08E-05	3.55E-05	2.10E-04	3.36E-06	7.58E-05	3.85E-03	3.57E-04	4.59E-03
71	SG_71	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6364.900	2.15E-02	4.33E-02	Not Modelled	1.20E-02	2.00E-05	1.23E-02	2.16E-03	4.32E-04	4.32E-11	2.16E-04	5.16E-06	3.81E-06	1.06E-05	3.49E-05	2.06E-04	3.29E-06	7.44E-05	3.78E-03	3.50E-04	4.51E-03
72	SG_72	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6364.900	2.02E-02	4.07E-02	Not Modelled	1.11E-02	1.88E-05	1.16E-02	2.03E-03	4.06E-04	4.06E-11	2.03E-04	4.85E-06	3.58E-06	9.95E-06	3.28E-05	1.94E-04	3.10E-06	6.99E-05	3.55E-03	3.29E-04	4.23E-03
73	SG_73	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6364.900	1.88E-02	3.78E-02	Not Modelled	1.01E-02	1.75E-05	1.09E-02	1.89E-03	3.77E-04	3.77E-11	1.89E-04	4.51E-06	3.32E-06	9.25E-06	3.05E-05	1.80E-04	2.88E-06	6.50E-05	3.30E-03	3.06E-04	3.94E-03
74	SG_74	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6364.900	1.85E-02	3.73E-02	Not Modelled	9.84E-03	1.72E-05	1.10E-02	1.86E-03	3.72E-04	3.72E-11	1.86E-04	4.44E-06	3.28E-06	9.11E-06	3.00E-05	1.77E-04	2.84E-06	6.40E-05	3.25E-03	3.01E-04	3.88E-03
75	SG_75	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6364.900	1.80E-02	3.61E-02	Not Modelled	9.27E-03	1.67E-05	1.07E-02	1.80E-03	3.60E-04	3.60E-11	1.80E-04	4.31E-06	3.17E-06	8.83E-06	2.91E-05	1.72E-04	2.75E-06	6.20E-05	3.15E-03	2.92E-04	3.76E-03
76	SG_76	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6364.900	1.79E-02	3.59E-02	Not Modelled	9.02E-03	1.66E-05	1.07E-02	1.79E-03	3.58E-04	3.58E-11	1.79E-04	4.29E-06	3.16E-06	8.79E-06	2.89E-05	1.71E-04	2.74E-06	6.18E-05	3.14E-03	2.91E-04	3.74E-03
77	SG_77	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6364.900	1.84E-02	3.69E-02	Not Modelled	9.01E-03	1.70E-05	1.08E-02	1.84E-03	3.68E-04	3.68E-11	1.84E-04	4.40E-06	3.24E-06	9.02E-06	2.97E-05	1.76E-04	2.81E-06	6.34E-05	3.22E-03	2.98E-04	3.84E-03
80	SG_80	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6364.900	2.83E-02	5.69E-02	Not Modelled	1.20E-02	2.63E-05	1.47E-02	2.84E-03	5.67E-04	5.67E-11	2.84E-04	6.79E-06	5.00E-06	1.39E-05	4.58E-05	2.71E-04	4.33E-06	9.78E-05	4.97E-03	4.60E-04	5.92E-03
81	SG_81	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6364.900	3.40E-02	6.82E-02	Not Modelled	1.40E-02	3.15E-05	1.71E-02	3.40E-03	6.80E-04	6.80E-11	3.40E-04	8.14E-06	6.00E-06	1.67E-05	5.49E-05	3.25E-04	5.19E-06	1.17E-04	5.95E-03	5.52E-04	7.10E-03
82	SG_82	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6364.900	3.83E-02	7.69E-02	Not Modelled	1.55E-02	3.55E-05	1.88E-02	3.84E-03	7.68E-04	7.68E-11	3.84E-04	9.19E-06	6.77E-06	1.88E-05	6.20E-05	3.67E-04	5.86E-06	1.32E-04	6.72E-03	6.23E-04	8.01E-03
83	SG_83	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6364.900	4.14E-02	8.30E-02	Not Modelled	1.64E-02	3.83E-05	1.95E-02	4.14E-03	8.28E-04	8.28E-11	4.14E-04	9.91E-06	7.30E-06	2.03E-05	6.69E-05	3.96E-04	6.33E-06	1.43E-04	7.25E-03	6.72E-04	8.65E-03
84	SG_84	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6364.900	4.60E-02	9.22E-02	Not Modelled	1.79E-02	4.26E-05	2.08E-02	4.60E-03	9.21E-04	9.21E-11	4.60E-04	1.10E-05	8.11E-06	2.26E-05	7.43E-05	4.40E-04	7.03E-06	1.59E-04	8.06E-03	7.47E-04	9.61E-03
85	SG_85	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6364.900	5.24E-02	1.05E-01	Not Modelled	2.01E-02	4.86E-05	2.29E-02	5.25E-03	1.05E-03	1.05E-10	5.25E-04	1.26E-05	9.25E-06	2.57E-05	8.48E-05	5.01E-04	8.02E-06	1.81E-04	9.19E-03	8.51E-04	1.10E-02
86	SG_86	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6364.900	5.83E-02	1.17E-01	Not Modelled	2.19E-02	5.41E-05	2.43E-02	5.85E-03	1.17E-03	1.17E-10	5.85E-04	1.40E-05	1.03E-05	2.87E-05	9.44E-05	5.58E-04	8.93E-06	2.02E-04	1.02E-02	9.49E-04	1.22E-02
87	SG_87	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6364.900	6.46E-02	1.30E-01	Not Modelled	2.36E-02	5.99E-05	2.54E-02	6.48E-03	1.30E-03	1.30E-10	6.48E-04	1.55E-05	1.14E-05	3.18E-05	1.05E-04	6.19E-04	9.89E-06	2.23E-04	1.13E-02	1.05E-03	1.35E-02
88	SG_88	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6364.900	7.31E-02	1.47E-01	Not Modelled	2.60E-02	6.79E-05	2.74E-02	7.33E-03	1.47E-03	1.47E-10	7.34E-04	1.76E-05	1.29E-05	3.60E-05	1.18E-04	7.00E-04	1.12E-05	2.53E-04	1.28E-02	1.19E-03	1.53E-02
89	SG_89	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6364.900	9.85E-02	1.98E-01	Not Modelled	3.56E-02	9.14E-05	3.82E-02	9.88E-03	1.98E-03	1.98E-10	9.88E-04	2.36E-05	1.74E-05	4.85E-05	1.60E-04	9.43E-04	1.51E-05	3.41E-04	1.73E-02	1.60E-03	2.06E-02

AQIA DATA - SCENARIO 2 RECREATIONAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							0.258	0.517	0.000	0.119	0.000	0.204	0.026	0.005	0.000	0.003	0.000	0.000	0.000	0.000	0.002	0.000	0.001	0.045	0.004	0.054
Receptor ID of Maximum Offsite Concentration / Deposition Rate							SG_397	SG_397	#N/A	NG_783	SG_397	NG_783	SG_397	SG_397	SG_397	SG_397	SG_397	SG_397	SG_397	SG_397	SG_397	SG_397	SG_397	SG_397	SG_397	SG_397
Coordinates of Maximum Offsite Concentration/ Deposition Rate						X	381.500	381.500	#N/A	378.814	381.500	378.814	381.500	381.500	381.500	381.500	381.500	381.500	381.500	381.500	381.500	381.500	381.500	381.500	381.500	381.500
						Y	6366.900	6366.900	#N/A	6367.557	6366.900	6367.557	6366.900	6366.900	6366.900	6366.900	6366.900	6366.900	6366.900	6366.900	6366.900	6366.900	6366.900	6366.900	6366.900	6366.900
90	SG_90	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6364.900	9.56E-02	1.92E-01	Not Modelled	3.39E-02	8.87E-05	3.50E-02	9.58E-03	1.92E-03	1.92E-10	9.59E-04	2.29E-05	1.69E-05	4.70E-05	1.55E-04	9.15E-04	1.46E-05	3.30E-04	1.68E-02	1.55E-03	2.00E-02
91	SG_91	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6364.900	8.94E-02	1.79E-01	Not Modelled	3.17E-02	8.29E-05	3.15E-02	8.96E-03	1.79E-03	1.79E-10	8.96E-04	2.14E-05	1.58E-05	4.39E-05	1.45E-04	8.55E-04	1.37E-05	3.09E-04	1.57E-02	1.45E-03	1.87E-02
92	SG_92	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6364.900	9.04E-02	1.81E-01	Not Modelled	3.26E-02	8.38E-05	3.19E-02	9.06E-03	1.81E-03	1.81E-10	9.06E-04	2.17E-05	1.60E-05	4.44E-05	1.46E-04	8.65E-04	1.38E-05	3.12E-04	1.59E-02	1.47E-03	1.89E-02
93	SG_93	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6364.900	9.28E-02	1.86E-01	Not Modelled	3.41E-02	8.60E-05	3.30E-02	9.30E-03	1.86E-03	1.86E-10	9.30E-04	2.22E-05	1.64E-05	4.56E-05	1.50E-04	8.88E-04	1.42E-05	3.21E-04	1.63E-02	1.51E-03	1.94E-02
94	SG_94	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.100	3.32E-02	6.67E-02	Not Modelled	1.81E-02	3.08E-05	1.65E-02	3.33E-03	6.66E-04	6.66E-11	3.33E-04	7.97E-06	5.87E-06	1.63E-05	5.38E-05	3.18E-04	5.08E-06	1.15E-04	5.83E-03	5.40E-04	6.95E-03
95	SG_95	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.100	3.28E-02	6.59E-02	Not Modelled	1.82E-02	3.04E-05	1.68E-02	3.29E-03	6.58E-04	6.58E-11	3.29E-04	7.87E-06	5.80E-06	1.61E-05	5.31E-05	3.14E-04	5.02E-06	1.13E-04	5.76E-03	5.34E-04	6.86E-03
96	SG_96	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.100	3.19E-02	6.40E-02	Not Modelled	1.80E-02	2.96E-05	1.67E-02	3.19E-03	6.39E-04	6.39E-11	3.20E-04	7.64E-06	5.63E-06	1.57E-05	5.16E-05	3.05E-04	4.88E-06	1.10E-04	5.59E-03	5.18E-04	6.67E-03
97	SG_97	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.100	2.98E-02	5.99E-02	Not Modelled	1.68E-02	2.77E-05	1.59E-02	2.99E-03	5.97E-04	5.97E-11	2.99E-04	7.15E-06	5.27E-06	1.47E-05	4.82E-05	2.85E-04	4.56E-06	1.03E-04	5.23E-03	4.85E-04	6.24E-03
100	SG_100	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.100	2.93E-02	5.88E-02	Not Modelled	1.68E-02	2.72E-05	1.72E-02	2.94E-03	5.87E-04	5.87E-11	2.94E-04	7.02E-06	5.18E-06	1.44E-05	4.74E-05	2.80E-04	4.48E-06	1.01E-04	5.14E-03	4.76E-04	6.13E-03
101	SG_101	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.100	2.51E-02	5.05E-02	Not Modelled	1.41E-02	2.33E-05	1.45E-02	2.52E-03	5.03E-04	5.03E-11	2.52E-04	6.02E-06	4.44E-06	1.23E-05	4.06E-05	2.40E-04	3.84E-06	8.67E-05	4.41E-03	4.08E-04	5.25E-03
102	SG_102	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.100	2.36E-02	4.74E-02	Not Modelled	1.31E-02	2.19E-05	1.37E-02	2.36E-03	4.73E-04	4.73E-11	2.37E-04	5.65E-06	4.17E-06	1.16E-05	3.82E-05	2.26E-04	3.61E-06	8.15E-05	4.14E-03	3.84E-04	4.93E-03
103	SG_103	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.100	2.28E-02	4.58E-02	Not Modelled	1.25E-02	2.11E-05	1.34E-02	2.28E-03	4.56E-04	4.56E-11	2.28E-04	5.46E-06	4.02E-06	1.12E-05	3.69E-05	2.18E-04	3.48E-06	7.87E-05	4.00E-03	3.70E-04	4.76E-03
104	SG_104	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.100	2.15E-02	4.32E-02	Not Modelled	1.16E-02	1.99E-05	1.28E-02	2.16E-03	4.31E-04	4.31E-11	2.16E-04	5.16E-06	3.80E-06	1.06E-05	3.48E-05	2.06E-04	3.29E-06	7.43E-05	3.77E-03	3.50E-04	4.50E-03
105	SG_105	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.100	2.01E-02	4.03E-02	Not Modelled	1.06E-02	1.86E-05	1.21E-02	2.01E-03	4.02E-04	4.02E-11	2.01E-04	4.81E-06	3.54E-06	9.86E-06	3.25E-05	1.92E-04	3.07E-06	6.93E-05	3.52E-03	3.26E-04	4.20E-03
106	SG_106	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.100	1.96E-02	3.94E-02	Not Modelled	1.01E-02	1.82E-05	1.20E-02	1.97E-03	3.93E-04	3.93E-11	1.97E-04	4.70E-06	3.47E-06	9.64E-06	3.18E-05	1.88E-04	3.00E-06	6.78E-05	3.44E-03	3.19E-04	4.10E-03
107	SG_107	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.100	1.98E-02	3.98E-02	Not Modelled	9.95E-03	1.84E-05	1.22E-02	1.98E-03	3.97E-04	3.97E-11	1.98E-04	4.75E-06	3.50E-06	9.73E-06	3.20E-05	1.89E-04	3.03E-06	6.84E-05	3.47E-03	3.22E-04	4.14E-03
108	SG_108	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.100	2.03E-02	4.07E-02	Not Modelled	9.87E-03	1.88E-05	1.22E-02	2.03E-03	4.06E-04	4.06E-11	2.03E-04	4.86E-06	3.58E-06	9.96E-06	3.28E-05	1.94E-04	3.10E-06	7.00E-05	3.56E-03	3.30E-04	4.24E-03
111	SG_111	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.100	3.27E-02	6.56E-02	Not Modelled	1.37E-02	3.03E-05	1.72E-02	3.28E-03	6.55E-04	6.55E-11	3.28E-04	7.84E-06	5.77E-06	1.61E-05	5.29E-05	3.13E-04	5.00E-06	1.13E-04	5.73E-03	5.31E-04	6.84E-03
112	SG_112	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.100	3.83E-02	7.68E-02	Not Modelled	1.55E-02	3.54E-05	1.95E-02	3.83E-03	7.66E-04	7.66E-11	3.83E-04	9.17E-06	6.75E-06	1.88E-05	6.19E-05	3.66E-04	5.85E-06	1.32E-04	6.71E-03	6.21E-04	8.00E-03
113	SG_113	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.100	4.34E-02	8.71E-02	Not Modelled	1.73E-02	4.02E-05	2.14E-02	4.35E-03	8.70E-04	8.70E-11	4.35E-04	1.04E-05	7.67E-06	2.13E-05	7.02E-05	4.15E-04	6.64E-06	1.50E-04	7.62E-03	7.06E-04	9.08E-03
114	SG_114	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.100	4.74E-02	9.51E-02	Not Modelled	1.85E-02	4.39E-05	2.24E-02	4.75E-03	9.49E-04	9.49E-11	4.75E-04	1.14E-05	8.36E-06	2.33E-05	7.66E-05	4.53E-04	7.25E-06	1.64E-04	8.31E-03	7.70E-04	9.90E-03
115	SG_115	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.100	5.42E-02	1.09E-01	Not Modelled	2.08E-02	5.02E-05	2.46E-02	5.43E-03	1.09E-03	1.09E-10	5.43E-04	1.30E-05	9.56E-06	2.66E-05	8.76E-05	5.18E-04	8.29E-06	1.87E-04	9.50E-03	8.80E-04	1.13E-02
116	SG_116	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.100	6.08E-02	1.22E-01	Not Modelled	2.28E-02	5.63E-05	2.63E-02	6.09E-03	1.22E-03	1.22E-10	6.09E-04	1.46E-05	1.07E-05	2.99E-05	9.83E-05	5.81E-04	9.30E-06	2.10E-04	1.07E-02	9.88E-04	1.27E-02
117	SG_117	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.100	6.85E-02	1.38E-01	Not Modelled	2.50E-02	6.35E-05	2.81E-02	6.87E-03	1.37E-03	1.37E-10	6.87E-04	1.64E-05	1.21E-05	3.37E-05	1.11E-04	6.56E-04	1.05E-05	2.37E-04	1.20E-02	1.11E-03	1.43E-02
118	SG_118	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.100	7.62E-02	1.53E-01	Not Modelled	2.70E-02	7.07E-05	2.94E-02	7.64E-03	1.53E-03	1.53E-10	7.64E-04	1.83E-05	1.35E-05	3.75E-05	1.23E-04	7.29E-04	1.17E-05	2.63E-04	1.34E-02	1.24E-03	1.59E-02
119	SG_119	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.100	9.39E-02	1.89E-01	Not Modelled	3.30E-02	8.71E-05	3.58E-02	9.42E-03	1.88E-03	1.88E-10	9.42E-04	2.25E-05	1.66E-05	4.62E-05	1.52E-04	8.99E-04	1.44E-05	3.25E-04	1.65E-02	1.53E-03	1.97E-02
120	SG_120	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.100	9.59E-02	1.93E-01	Not Modelled	3.34E-02	8.90E-05	3.53E-02	9.62E-03	1.92E-03	1.92E-10	9.62E-04	2.30E-05	1.69E-05	4.72E-05	1.55E-04	9.18E-04	1.47E-05	3.32E-04	1.68E-02	1.56E-03	2.01E-02
121	SG_121	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.100	9.94E-02	1.99E-01	Not Modelled	3.50E-02	9.21E-05	3.63E-02	9.95E-03	1.99E-03	1.99E-10	9.96E-04	2.38E-05	1.75E-05	4.88E-05	1.61E-04	9.51E-04	1.52E-05	3.43E-04	1.74E-02	1.61E-03	2.08E-02
122	SG_122	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.100	1.00E-01	2.01E-01	Not Modelled	3.60E-02	9.28E-05	3.66E-02	1.00E-02	2.01E-03	2.01E-10	1.00E-03	2.40E-05	1.77E-05	4.92E-05	1.62E-04	9.58E-04	1.53E-05	3.46E-04	1.76E-02	1.63E-03	2.09E-02
123	SG_123	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.100	1.07E-01	2.14E-01	Not Modelled	3.94E-02	9.89E-05	3.99E-02	1.07E-02	2.14E-03	2.14E-10	1.07E-03	2.56E-05	1.88E-05	5.24E-05	1.73E-04	1.02E-03	1.63E-05	3.69E-04	1.87E-02	1.73E-03	2.23E-02
124	SG_124	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.100	1.04E-01	2.08E-01	Not Modelled	3.90E-02	9.63E-05	3.87E-02	1.04E-02	2.08E-03	2.08E-10	1.04E-03	2.49E-05	1.83E-05	5.11E-05	1.68E-04	9.94E-04	1.59E-05	3.59E-04	1.82E-02	1.69E-03	2.17E-02
125	SG_125	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.300	3.77E-02	7.58E-02	Not Modelled	1.99E-02	3.50E-05	1.89E-02	3.78E-03	7.56E-04	7.56E-11	3.78E-04	9.04E-06	6.67E-06	1.85E-05	6.11E-05	3.61E-04	5.77E-06	1.30E-04	6.62E-03	6.14E-04	7.89E-03
126	SG_126	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.300	3.72E-02	7.47E-02	Not Modelled	2.00E-02	3.45E-05	1.91E-02	3.73E-03	7.46E-04	7.46E-11	3.73E-04	8.92E-06	6.57E-06	1.83E-05	6.02E-05	3.56E-04	5.69E-06	1.29E-04	6.53E-03	6.05E-04	7.78E-03
127	SG_127	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.300	3.62E-02	7.27E-02	Not Modelled	1.99E-02	3.36E-05	1.91E-02	3.63E-03	7.25E-04	7.25E-11	3.63E-04	8.67E-06	6.39E-06	1.78E-05	5.86E-05	3.46E-04	5.53E-06	1.25E-04	6.35E-03	5.88E-04	7.57E-03
128	SG_128	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.300	3.54E-02	7.12E-02	Not Modelled	1.98E-02	3.29E-05	1.93E-02	3.55E-03	7.10E-04	7.10E-11	3.55E-04	8.49E-06	6.26E-06	1.74E-05	5.73E-05	3.39E-04	5.42E-06	1.22E-04	6.22E-03	5.76E-04	7.41E-03
129	SG_129	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.300	3.58E-02	7.18E-02	Not Modelled	2.03E-02	3.32E-05	2.03E-02	3.59E-03	7.17E-04	7.17E-11	3.59E-04	8.57E-06	6.32E-06	1.76E-05	5.79E-05	3.42E-04	5.47E-06	1.24E-04	6.28E-03	5.82E-04	7.48E-03
130	SG_130	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.300	3.53E-02	7.08E-02	Not Modelled	2.01E-02	3.27E-05	2.06E-02	3.54E-03	7.07E-04	7.07E-11	3.54E-04	8.46E-06	6.23E-06	1.73E-05	5.71E-05	3.38E-04	5.40E-06	1.22E-04	6.19E-03	5.74E-04	7.38E-03
131	SG_131	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.300	3.23E-02	6.49E-02	Not Modelled	1.82E-02	3.00E-05	1.90E-02	3.24E-03	6.47E-04	6.47E-11	3.24E-04	7.74E-06	5.71E-06	1.59E-05	5.23E-05	3.09E-04	4.94E-06	1.12E-04	5.67E-03	5.25E-04	6.76E-03
132	SG_132	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.300	2.96E-02	5.94E-02	Not Modelled	1.66E-02	2.74E-05	1.76E-02	2.96E-03	5.93E-04	5.93E-11	2.97E-04	7.09E-06	5.22E-06	1.45E-05	4.79E-05	2.83E-04	4.52E-06	1.02E-04	5.19E-03	4.81E-04	6.19E-03
133	SG_133	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.300	2.62E-02	5.25E-02	Not Modelled	1.45E-02	2.43E-05	1.55E-02	2.62E-03	5.24E-04	5.24E-11	2.62E-04	6.27E-06	4.62E-06	1.29E-05	4.23E-05	2.50E-04	4.00E-06	9.03E-05	4.59E-03	4.25E-04	5.47E-03
134	SG_134	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.300	2.57E-02	5.17E-02	Not Modelled	1.41E-02	2.39E-05	1.56E-02	2.58E-03	5.15E-04	5.15E-11	2.58E-04	6.16E-06	4.54E-06	1.26E-05	4.16E-05	2.46E-04	3.93E-06	8.88E-05	4.51E-03	4.18E-04	5.38E-03
135	SG_135	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.300	2.43E-02	4.88E-02	Not Modelled	1.31E-02	2.25E-05	1.49E-02	2.43E-03	4.87E-04	4.87E-11	2.44E-04	5.82E-06	4.29E-06	1.19E-05	3.93E-05	2.32E-04	3.72E-06	8.39E-05	4.26E-03	3.95E-04	5.08E-03
136	SG_136	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.300	2.23E-02	4.48E-02	Not Modelled	1.18E-02	2.07E-05	1.37E-02	2.23E-03	4.47E-04	4.47E-11	2.24E-04	5.34E-06	3.94E-06	1.10E-05	3.61E-05	2.13E-04	3.41E-06	7.70E-05	3.91E-03	3.63E-04	4.66E-03
137	SG_137	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.300	2.21E-02	4.45E-02	Not Modelled	1.14E-02	2.05E-05	1.39E-02	2.22E-03	4.43E-04	4.43E-11	2.22E-04	5.30E-06	3.91E-06	1.09E-05	3.58E-05	2.12E-04	3.39E-06	7.64E-05	3.88E-03	3.60E-04	4.63E-03
138	SG_138	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.300	2.20E-02	4.41E-02	Not Modelled	1.10E-02	2.04E-05	1.38E-02	2.20E-03	4.40E-04	4.40E-11	2.20E-04	5.27E-06	3.88E-06	1.08E-05	3.56E-05	2.10E-04	3.36E-06	7.59E-05	3.85E-03	3.57E-04	4.60E-03
139	SG_139	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.300	2.23E-02	4.48E-02	Not Modelled	1.08E-02	2.07E-05	1.37E-02	2.24E-03	4.47E-04	4.47E-11	2.24E-04	5.35E-06	3.94E-06	1.10E-05	3.61E-05	2.14E-04	3.42E-06	7.71E-05	3.92E-03	3.63E-04	4.67E-03
142	SG_142	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.300	3.72E-02	7.46E-02	Not Modelled	1.53E-02	3.45E-05	1.98E-02	3.73E-03	7.45E-04	7.45E-11	3.73E-04	8.91E-06	6.57E-06	1.83E-05	6.02E-05	3.56E-04	5.69E-06	1.28E-04	6.52E-03	6.04E-04	7.78E-03
143	SG_143	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.300	4.43E-02	8.88E-02	Not Modelled	1.77E-02	4.10E-05	2.28E-02	4.43E-03	8.86E-04	8.86E-11	4.43E-04	1.06E-05	7.81E-06	2.17E-05	7.16E-05	4.23E-04	6.77E-06	1.53E-04	7.76E-03	7.19E-04	9.25E-03
144	SG_144	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.300	5.10E-02	1.02E-01	Not Modelled	2.01E-02	4.73E-05	2.54E-02	5.11E-03	1.02E-03	1.02E-10	5.11E-04	1.22E-05	9.01E-06	2.51E-05	8.25E-05	4.88E-04	7.80E-06	1.76E-04	8.95E-03	8.29E-04	1.07E-02
145	SG_145	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.300	5.59E-02	1.12E-01	Not Modelled	2.15E-02	5.18E-05	2.65E-02	5.60E-03	1.12E-03	1.12E-10	5.60E-04	1.34E-05	9.86E-06	2.74E-05	9.03E-05	5.34E-04	8.54E-06	1.93E-04	9.80E-03	9.08E-04	1.17E-02
146	SG_146	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.300	6.41E-02	1.29E-01	Not Modelled	2.41E-02	5.94E-05	2.90E-02	6.42E-03	1.28E-03	1.28E-10	6.42E-04	1.54E-05	1.13E-05	3.15E-05	1.04E-04	6.13E-04	9.80E-06	2.21E-04	1.12E-02	1.04E-03	1.34E-02
147	SG_147	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.300	7.40E-02	1.49E-01	Not Modelled	2.71E-02	6.86E-05	3.17E-02	7.42E-03	1.48E-03	1.48E-10	7.42E-04	1.77E-05	1.31E-05	3.64E-05	1.20E-04	7.08E-04	1.13E-05	2.56E-04	1.30E-02	1.20E-03	1.55E-02
148	SG_148	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.300	9.23E-02	1.85E-01	Not Modelled	3.31E-02	8.56E-05	3.82E-02	9.25E-03	1.85E-03	1.85E-10	9.26E-04	2.21E-05	1.63E-05	4.54E-05	1.49E-04	8.84E-04	1.41E-05	3.19E-04	1.62E-02	1.50E-03	1.93E-02
149	SG_149	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.300	9.32E-02	1.87E-01	Not Modelled	3.23E-02	8.64E-05	3.59E-02	9.34E-03	1.87E-03	1.87E-10	9.35E-04	2.24E-05	1.65E-05	4.58E-05	1.51E-04	8.92E-04	1.43E-05	3.22E-04	1.64E-02	1.52E-03	1.95E-02
150	SG_150	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.300	1.08E-01	2.16E-01	Not Modelled	3.73E-02	9.97E-05	4.10E-02	1.08E-02	2.15E-03	2.15E-10	1.08E-03	2.58E-05	1.90E-05	5.28E-05	1.74E-04	1.03E-03	1.65E-05	3.71E-04	1.89E-02	1.75E-03	2.25E-02
151	SG_151	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.300	1.05E-01	2.11E-01	Not Modelled	3.68E-02	9.76E-05	3.94E-02	1.05E-02	2.11E-03	2.11E-10	1.05E-03	2.52E-05	1.86E-05	5.17E-05	1.70E-04	1.01E-03	1.61E-05	3.64E-04	1.85E-02	1.71E-03	2.20E-02
152	SG_152	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.300	1.08E-01	2.16E-01	Not Modelled	3.84E-02	9.96E-05	4.05E-02	1.08E-02	2.15E-03	2.15E-10	1.08E-03	2.58E-05	1.90E-05	5.28E-05	1.74E-04	1.03E-03	1.64E-05	3.71E-04	1.89E-02	1.75E-03	2.25E-02
153	SG_153	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.300	1.08E-01	2.16E-01	Not Modelled	3.92E-02	9.96E-05	4.07E-02	1.08E-02	2.15E-03	2.15E-10	1.08E-03	2.58E-05	1.90E-05	5.28E-05	1.74E-04	1.03E-03	1.64E-05	3.71E-04	1.89E-02	1.75E-03	2.25E-02
154	SG_154	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.300	1.07E-01	2.15E-01	Not Modelled	3.99E-02	9.92E-05	4.07E-02	1.07E-02	2.14E-03	2.14E-10	1.07E-03	2.57E-05	1.89E-05	5.26E-05	1.73E-04	1.02E-03	1.64E-05	3.70E-04	1.88E-02	1.74E-03	2.24E-02
155	SG_155	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.300	1.05E-01	2.11E-01	Not Modelled	3.99E-02	9.74E-05	4.00E-02	1.05E-02	2.10E-03	2.10E-10	1.05E-03	2.52E-05	1.86E-05	5.16E-05	1.70E-04	1.01E-03	1.61E-05	3.63E-04	1.84E-02	1.71E-03	2.20E-02
156	SG_156	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.500	4.11E-02	8.26E-02	Not Modelled	2.09E-02	3.82E-05	2.06E-02	4.12E-03	8.25E-04	8.25E-11	4.13E-04	9.86E-06	7.27E-06	2.02E-05	6.66E-05	3.94E-04	6.29E-06	1.42E-04	7.22E-03	6.69E-04	8.61E-03
157	SG_157	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.500	4.15E-02	8.33E-02	Not Modelled	2.15E-02	3.85E-05	2.12E-02	4.16E-03	8.31E-04	8.31E-11	4.16E-04	9.94E-06	7.33E-06	2.04E-05	6.71E-05	3.97E-04	6.34E-06	1.43E-04	7.28E-03	6.74E-04	8.67E-03
158	SG_158	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.500	4.31E-02	8.66E-02	Not Modelled	2.30E-02	4.00E-05	2.30E-02	4.32E-03	8.65E-04	8.65E-11	4.33E-04	1.03E-05	7.62E-06	2.12E-05	6.98E-05	4.13E-04	6.60E-06	1.49E-04	7.57E-03	7.02E-04	9.03E-03
159	SG_159	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.500	4.22E-02	8.48E-02	Not Modelled	2.31E-02	3.92E-05	2.33E-02	4.23E-03	8.46E-04	8.46E-11	4.24E-04	1.01E-05	7.46E-06	2.08E-05	6.83E-05	4.04E-04	6.46E-06	1.46E-04	7.41E-03	6.87E-04	8.83E-03
160	SG_160	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.500	4.21E-02	8.44E-02	Not Modelled	2.35E-02	3.90E-05	2.41E-02	4.21E-03	8.43E-04	8.43E-11	4.22E-04	1.01E-05	7.43E-06	2.07E-05	6.81E-05	4.02E-04	6.43E-06	1.45E-04	7.38E-03	6.84E-04	8.80E-03
161	SG_161	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.500	3.98E-02	8.00E-02	Not Modelled	2.24E-02	3.69E-05	2.34E-02	3.99E-03	7.98E-04	7.98E-11	3.99E-04	9.55E-06	7.04E-06	1.96E-05	6.45E-05	3.81E-04	6.09E-06	1.38E-04	6.99E-03	6.48E-04	8.33E-03
162	SG_162	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.500	3.80E-02	7.62E-02	Not Modelled	2.13E-02	3.52E-05	2.29E-02	3.80E-03	7.61E-04	7.61E-11	3.81E-04	9.10E-06	6.70E-06	1.87E-05	6.14E-05	3.63E-04	5.81E-06	1.31E-04	6.66E-03	6.17E-04	7.94E-03
163	SG_163	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.500	3.50E-02	7.02E-02	Not Modelled	1.96E-02	3.24E-05	2.14E-02	3.50E-03	7.00E-04	7.00E-11	3.50E-04	8.38E-06	6.17E-06	1.72E-05	5.66E-05	3.34E-04	5.35E-06	1.21E-04	6.13E-03	5.68E-04	7.31E-03
164	SG_164	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.500	3.10E-02	6.23E-02	Not Modelled	1.72E-02	2.88E-05	1.91E-02	3.11E-03	6.22E-04	6.22E-11	3.11E-04	7.44E-06	5.48E-06	1.52E-05	5.02E-05	2.97E-04	4.75E-06	1.07E-04	5.44E-03	5.05E-04	6.49E-03
165	SG_165	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.500	2.93E-02	5.88E-02	Not Modelled	1.61E-02	2.71E-05	1.82E-02	2.93E-03	5.86E-04	5.86E-11	2.93E-04	7.01E-06	5.17E-06	1.44E-05	4.74E-05	2.80E-04	4.48E-06	1.01E-04	5.13E-03	4.76E-04	6.12E-03
166	SG_166	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.500	2.79E-02	5.60E-02	Not Modelled	1.50E-02	2.59E-05	1.75E-02	2.79E-03	5.59E-04	5.59E-11	2.80E-04	6.68E-06	4.93E-06	1.37E-05	4.51E-05	2.67E-04	4.27E-06	9.63E-05	4.89E-03	4.53E-04	5.83E-03
167	SG_167	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.500	2.58E-02	5.19E-02	Not Modelled	1.36E-02	2.40E-05	1.64E-02	2.59E-03	5.18E-04	5.18E-11	2.59E-04	6.19E-06	4.56E-06	1.27E-05	4.18E-05	2.47E-04	3.95E-06	8.92E-05	4.53E-03	4.20E-04	5.40E-03
168	SG_168	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.500	2.51E-02	5.03E-02	Not Modelled	1.29E-02	2.32E-05	1.62E-02	2.51E-03	5.02E-04	5.02E-11	2.51E-04	6.01E-06	4.43E-06	1.23E-05	4.06E-05	2.40E-04	3.83E-06	8.66E-05	4.40E-03	4.08E-04	5.24E-03
169	SG_169	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.500	2.44E-02	4.89E-02	Not Modelled	1.21E-02	2.26E-05	1.57E-02	2.44E-03	4.88E-04	4.88E-11	2.44E-04	5.84E-06	4.30E-06	1.20E-05	3.94E-05	2.33E-04	3.72E-06	8.41E-05	4.27E-03	3.96E-04	5.09E-03
170	SG_170	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.500	2.53E-02	5.08E-02	Not Modelled	1.21E-02	2.34E-05	1.59E-02	2.53E-03	5.06E-04	5.06E-11	2.53E-04	6.06E-06	4.46E-06	1.24E-05	4.09E-05	2.42E-04	3.87E-06	8.73E-05	4.43E-03	4.11E-04	5.29E-03
173	SG_173	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.500	4.30E-02	8.63E-02	Not Modelled	1.75E-02	3.99E-05	2.32E-02	4.31E-03	8.62E-04	8.62E-11	4.31E-04	1.03E-05	7.60E-06	2.11E-05	6.96E-05	4.12E-04	6.58E-06	1.49E-04	7.55E-03	6.99E-04	8.99E-03
174	SG_174	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.500	5.06E-02	1.01E-01	Not Modelled	2.00E-02	4.68E-05	2.62E-02	5.06E-03	1.01E-03	1.01E-10	5.06E-04	1.21E-05	8.92E-06	2.48E-05	8.17E-05	4.83E-04	7.73E-06	1.75E-04	8.86E-03	8.21E-04	1.06E-02
175	SG_175	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.500	5.82E-02	1.17E-01	Not Modelled	2.26E-02	5.39E-05	2.89E-02	5.83E-03	1.17E-03	1.17E-10	5.83E-04	1.39E-05	1.03E-05	2.86E-05	9.41E-05	5.57E-04	8.90E-06	2.01E-04	1.02E-02	9.45E-04	1.22E-02
176	SG_176	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.500	6.47E-02	1.30E-01	Not Modelled	2.44E-02	6.00E-05	3.05E-02	6.48E-03	1.30E-03	1.30E-10	6.49E-04	1.55E-05	1.14E-05	3.18E-05	1.05E-04	6.19E-04	9.90E-06	2.24E-04	1.14E-02	1.05E-03	1.35E-02
177	SG_177	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.500	7.76E-02	1.56E-01	Not Modelled	2.85E-02	7.20E-05	3.47E-02	7.78E-03	1.56E-03	1.56E-10	7.78E-04	1.86E-05	1.37E-05	3.81E-05	1.26E-04	7.43E-04	1.19E-05	2.68E-04	1.36E-02	1.26E-03	1.62E-02
178	SG_178	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.500	1.01E-01	2.03E-01	Not Modelled	3.64E-02	9.40E-05	4.38E-02	1.02E-02	2.03E-03	2.03E-10	1.02E-03	2.43E-05	1.79E-05	4.98E-05	1.64E-04	9.70E-04	1.55E-05	3.50E-04	1.78E-02	1.65E-03	2.12E-02
179	SG_179	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.500	1.21E-01	2.43E-01	Not Modelled	4.27E-02	1.12E-04	5.06E-02	1.21E-02	2.43E-03	2.43E-10	1.21E-03	2.90E-05	2.14E-05	5.95E-05	1.96E-04	1.16E-03	1.85E-05	4.18E-04	2.12E-02	1.97E-03	2.53E-02
180	SG_180	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.500	1.15E-01	2.30E-01	Not Modelled	3.95E-02	1.06E-04	4.49E-02	1.15E-02	2.30E-03	2.30E-10	1.15E-03	2.75E-05	2.03E-05	5.64E-05	1.86E-04	1.10E-03	1.76E-05	3.97E-04	2.01E-02	1.87E-03	2.40E-02
181	SG_181	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.500	1.23E-01	2.46E-01	Not Modelled	4.29E-02	1.14E-04	4.80E-02	1.23E-02	2.46E-03	2.46E-10	1.23E-03	2.94E-05	2.17E-05	6.03E-05	1.99E-04	1.17E-03	1.88E-05	4.24E-04	2.15E-02	2.00E-03	2.57E-02
182	SG_182	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.500	1.19E-01	2.38E-01	Not Modelled	4.23E-02	1.10E-04	4.63E-02	1.19E-02	2.38E-03	2.38E-10	1.19E-03	2.85E-05	2.10E-05	5.83E-05	1.92E-04	1.14E-03	1.82E-05	4.10E-04	2.08E-02	1.93E-03	2.48E-02

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 2 RECREATIONAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.258**	**0.517**	**0.000**	**0.119**	**0.000**	**0.204**	**0.026**	**0.005**	**0.000**	**0.003**	**0.000**	**0.000**	**0.000**	**0.000**	**0.002**	**0.000**	**0.001**	**0.045**	**0.004**	**0.054**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**SG_397**	**SG_397**	**#N/A**	**NG_783**	**SG_397**	**NG_783**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**381.500**	**381.500**	**#N/A**	**378.814**	**381.500**	**378.814**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**
						Y	**6366.900**	**6366.900**	**#N/A**	**6367.557**	**6366.900**	**6367.557**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**
183	SG_183	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.500	1.22E-01	2.44E-01	Not Modelled	4.45E-02	1.13E-04	4.81E-02	1.22E-02	2.44E-03	2.44E-10	1.22E-03	2.92E-05	2.15E-05	5.98E-05	1.97E-04	1.17E-03	1.86E-05	4.21E-04	2.14E-02	1.98E-03	2.55E-02
184	SG_184	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.500	1.20E-01	2.41E-01	Not Modelled	4.48E-02	1.11E-04	4.76E-02	1.20E-02	2.40E-03	2.40E-10	1.20E-03	2.88E-05	2.12E-05	5.90E-05	1.94E-04	1.15E-03	1.84E-05	4.15E-04	2.11E-02	1.95E-03	2.51E-02
185	SG_185	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.500	1.16E-01	2.32E-01	Not Modelled	4.41E-02	1.07E-04	4.60E-02	1.16E-02	2.32E-03	2.32E-10	1.16E-03	2.78E-05	2.05E-05	5.69E-05	1.87E-04	1.11E-03	1.77E-05	4.00E-04	2.03E-02	1.88E-03	2.42E-02
186	SG_186	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.500	1.12E-01	2.25E-01	Not Modelled	4.36E-02	1.04E-04	4.46E-02	1.13E-02	2.25E-03	2.25E-10	1.13E-03	2.69E-05	1.98E-05	5.52E-05	1.82E-04	1.07E-03	1.72E-05	3.88E-04	1.97E-02	1.83E-03	2.35E-02
187	SG_187	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.700	4.52E-02	9.08E-02	Not Modelled	2.24E-02	4.20E-05	2.30E-02	4.53E-03	9.07E-04	9.07E-11	4.54E-04	1.08E-05	7.99E-06	2.22E-05	7.32E-05	4.33E-04	6.92E-06	1.56E-04	7.94E-03	7.36E-04	9.46E-03
188	SG_188	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.700	4.79E-02	9.62E-02	Not Modelled	2.41E-02	4.44E-05	2.50E-02	4.80E-03	9.60E-04	9.60E-11	4.80E-04	1.15E-05	8.46E-06	2.35E-05	7.75E-05	4.58E-04	7.33E-06	1.65E-04	8.40E-03	7.79E-04	1.00E-02
189	SG_189	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.700	4.97E-02	9.98E-02	Not Modelled	2.56E-02	4.61E-05	2.67E-02	4.98E-03	9.97E-04	9.97E-11	4.99E-04	1.19E-05	8.78E-06	2.44E-05	8.05E-05	4.76E-04	7.61E-06	1.72E-04	8.72E-03	8.09E-04	1.04E-02
191	SG_191	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.700	5.08E-02	1.02E-01	Not Modelled	2.77E-02	4.72E-05	2.95E-02	5.10E-03	1.02E-03	1.02E-10	5.10E-04	1.22E-05	8.98E-06	2.50E-05	8.23E-05	4.86E-04	7.78E-06	1.76E-04	8.92E-03	8.27E-04	1.06E-02
192	SG_192	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.700	4.74E-02	9.50E-02	Not Modelled	2.61E-02	4.39E-05	2.82E-02	4.74E-03	9.49E-04	9.49E-11	4.75E-04	1.13E-05	8.36E-06	2.33E-05	7.66E-05	4.53E-04	7.24E-06	1.64E-04	8.31E-03	7.70E-04	9.90E-03
193	SG_193	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.700	4.41E-02	8.85E-02	Not Modelled	2.45E-02	4.09E-05	2.68E-02	4.42E-03	8.84E-04	8.84E-11	4.42E-04	1.06E-05	7.79E-06	2.17E-05	7.13E-05	4.22E-04	6.74E-06	1.52E-04	7.74E-03	7.17E-04	9.22E-03
194	SG_194	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.700	4.14E-02	8.31E-02	Not Modelled	2.30E-02	3.84E-05	2.58E-02	4.15E-03	8.30E-04	8.30E-11	4.15E-04	9.92E-06	7.31E-06	2.03E-05	6.70E-05	3.96E-04	6.33E-06	1.43E-04	7.26E-03	6.73E-04	8.66E-03
195	SG_195	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.700	3.83E-02	7.69E-02	Not Modelled	2.12E-02	3.55E-05	2.44E-02	3.84E-03	7.68E-04	7.68E-11	3.84E-04	9.18E-06	6.77E-06	1.88E-05	6.20E-05	3.66E-04	5.86E-06	1.32E-04	6.72E-03	6.23E-04	8.01E-03
196	SG_196	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.700	3.51E-02	7.04E-02	Not Modelled	1.93E-02	3.25E-05	2.26E-02	3.51E-03	7.03E-04	7.03E-11	3.52E-04	8.40E-06	6.19E-06	1.72E-05	5.67E-05	3.35E-04	5.36E-06	1.21E-04	6.15E-03	5.70E-04	7.33E-03
197	SG_197	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.700	3.25E-02	6.52E-02	Not Modelled	1.74E-02	3.01E-05	2.10E-02	3.25E-03	6.51E-04	6.51E-11	3.26E-04	7.78E-06	5.74E-06	1.60E-05	5.26E-05	3.11E-04	4.97E-06	1.12E-04	5.70E-03	5.28E-04	6.79E-03
198	SG_198	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.700	3.05E-02	6.12E-02	Not Modelled	1.60E-02	2.83E-05	1.99E-02	3.06E-03	6.11E-04	6.11E-11	3.06E-04	7.31E-06	5.39E-06	1.50E-05	4.94E-05	2.92E-04	4.67E-06	1.05E-04	5.35E-03	4.96E-04	6.38E-03
199	SG_199	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.700	2.93E-02	5.88E-02	Not Modelled	1.51E-02	2.72E-05	1.95E-02	2.94E-03	5.87E-04	5.87E-11	2.94E-04	7.02E-06	5.17E-06	1.44E-05	4.74E-05	2.80E-04	4.48E-06	1.01E-04	5.14E-03	4.76E-04	6.13E-03
200	SG_200	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.700	2.80E-02	5.62E-02	Not Modelled	1.39E-02	2.60E-05	1.85E-02	2.81E-03	5.61E-04	5.61E-11	2.81E-04	6.71E-06	4.95E-06	1.38E-05	4.53E-05	2.68E-04	4.28E-06	9.67E-05	4.91E-03	4.55E-04	5.86E-03
201	SG_201	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.700	2.88E-02	5.77E-02	Not Modelled	1.37E-02	2.67E-05	1.85E-02	2.88E-03	5.76E-04	5.76E-11	2.88E-04	6.89E-06	5.08E-06	1.41E-05	4.65E-05	2.75E-04	4.40E-06	9.93E-05	5.04E-03	4.67E-04	6.01E-03
204	SG_204	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.700	5.09E-02	1.02E-01	Not Modelled	2.04E-02	4.71E-05	2.78E-02	5.09E-03	1.02E-03	1.02E-10	5.10E-04	1.22E-05	8.98E-06	2.50E-05	8.23E-05	4.86E-04	7.78E-06	1.76E-04	8.92E-03	8.26E-04	1.06E-02
205	SG_205	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.700	5.95E-02	1.19E-01	Not Modelled	2.33E-02	5.51E-05	3.11E-02	5.96E-03	1.19E-03	1.19E-10	5.96E-04	1.43E-05	1.05E-05	2.92E-05	9.62E-05	5.69E-04	9.10E-06	2.05E-04	1.04E-02	9.66E-04	1.24E-02
206	SG_206	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.700	7.15E-02	1.43E-01	Not Modelled	2.73E-02	6.62E-05	3.57E-02	7.16E-03	1.43E-03	1.43E-10	7.16E-04	1.71E-05	1.26E-05	3.51E-05	1.16E-04	6.84E-04	1.09E-05	2.47E-04	1.25E-02	1.16E-03	1.49E-02
207	SG_207	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.700	8.36E-02	1.68E-01	Not Modelled	3.09E-02	7.75E-05	3.93E-02	8.37E-03	1.67E-03	1.67E-10	8.37E-04	2.00E-05	1.48E-05	4.11E-05	1.35E-04	8.00E-04	1.28E-05	2.89E-04	1.47E-02	1.36E-03	1.75E-02
208	SG_208	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.700	1.03E-01	2.07E-01	Not Modelled	3.69E-02	9.56E-05	4.58E-02	1.03E-02	2.07E-03	2.07E-10	1.03E-03	2.47E-05	1.82E-05	5.07E-05	1.67E-04	9.87E-04	1.58E-05	3.56E-04	1.81E-02	1.68E-03	2.16E-02
209	SG_209	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.700	1.34E-01	2.68E-01	Not Modelled	4.70E-02	1.24E-04	5.79E-02	1.34E-02	2.67E-03	2.67E-10	1.34E-03	3.20E-05	2.36E-05	6.56E-05	2.16E-04	1.28E-03	2.04E-05	4.61E-04	2.34E-02	2.17E-03	2.79E-02
210	SG_210	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.700	1.31E-01	2.62E-01	Not Modelled	4.49E-02	1.21E-04	5.33E-02	1.31E-02	2.62E-03	2.62E-10	1.31E-03	3.13E-05	2.31E-05	6.42E-05	2.12E-04	1.25E-03	2.00E-05	4.52E-04	2.29E-02	2.12E-03	2.73E-02
211	SG_211	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.700	1.38E-01	2.76E-01	Not Modelled	4.79E-02	1.28E-04	5.59E-02	1.38E-02	2.76E-03	2.76E-10	1.38E-03	3.30E-05	2.43E-05	6.77E-05	2.23E-04	1.32E-03	2.11E-05	4.76E-04	2.42E-02	2.24E-03	2.88E-02
212	SG_212	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.700	1.37E-01	2.75E-01	Not Modelled	4.87E-02	1.27E-04	5.57E-02	1.37E-02	2.74E-03	2.74E-10	1.37E-03	3.28E-05	2.42E-05	6.73E-05	2.22E-04	1.31E-03	2.09E-05	4.73E-04	2.40E-02	2.23E-03	2.86E-02
213	SG_213	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.700	1.35E-01	2.71E-01	Not Modelled	4.93E-02	1.25E-04	5.54E-02	1.35E-02	2.71E-03	2.71E-10	1.35E-03	3.24E-05	2.39E-05	6.64E-05	2.18E-04	1.29E-03	2.07E-05	4.67E-04	2.37E-02	2.20E-03	2.82E-02
214	SG_214	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.700	1.37E-01	2.74E-01	Not Modelled	5.11E-02	1.26E-04	5.66E-02	1.37E-02	2.73E-03	2.73E-10	1.37E-03	3.27E-05	2.41E-05	6.70E-05	2.21E-04	1.31E-03	2.09E-05	4.71E-04	2.39E-02	2.22E-03	2.85E-02
215	SG_215	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.700	1.33E-01	2.66E-01	Not Modelled	5.07E-02	1.23E-04	5.52E-02	1.33E-02	2.65E-03	2.65E-10	1.33E-03	3.18E-05	2.34E-05	6.51E-05	2.14E-04	1.27E-03	2.03E-05	4.58E-04	2.32E-02	2.15E-03	2.77E-02
216	SG_216	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.700	1.28E-01	2.56E-01	Not Modelled	4.97E-02	1.18E-04	5.30E-02	1.28E-02	2.55E-03	2.55E-10	1.28E-03	3.06E-05	2.25E-05	6.26E-05	2.06E-04	1.22E-03	1.95E-05	4.40E-04	2.24E-02	2.07E-03	2.67E-02
217	SG_217	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.700	1.22E-01	2.45E-01	Not Modelled	4.84E-02	1.13E-04	5.06E-02	1.22E-02	2.45E-03	2.45E-10	1.22E-03	2.93E-05	2.16E-05	6.00E-05	1.98E-04	1.17E-03	1.87E-05	4.22E-04	2.14E-02	1.98E-03	2.55E-02
221	SG_221	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.900	5.71E-02	1.15E-01	Not Modelled	2.89E-02	5.30E-05	3.17E-02	5.73E-03	1.15E-03	1.15E-10	5.73E-04	1.37E-05	1.01E-05	2.81E-05	9.25E-05	5.47E-04	8.74E-06	1.97E-04	1.00E-02	9.30E-04	1.20E-02
222	SG_222	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.900	6.10E-02	1.22E-01	Not Modelled	3.19E-02	5.65E-05	3.56E-02	6.11E-03	1.22E-03	1.22E-10	6.11E-04	1.46E-05	1.08E-05	3.00E-05	9.86E-05	5.83E-04	9.32E-06	2.10E-04	1.07E-02	9.91E-04	1.27E-02
223	SG_223	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.900	5.64E-02	1.13E-01	Not Modelled	3.00E-02	5.23E-05	3.35E-02	5.65E-03	1.13E-03	1.13E-10	5.65E-04	1.35E-05	9.96E-06	2.77E-05	9.12E-05	5.39E-04	8.62E-06	1.95E-04	9.89E-03	9.17E-04	1.18E-02
224	SG_224	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.900	5.52E-02	1.11E-01	Not Modelled	3.01E-02	5.12E-05	3.42E-02	5.53E-03	1.11E-03	1.11E-10	5.54E-04	1.32E-05	9.75E-06	2.71E-05	8.93E-05	5.28E-04	8.44E-06	1.91E-04	9.68E-03	8.98E-04	1.15E-02
225	SG_225	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.900	5.11E-02	1.02E-01	Not Modelled	2.81E-02	4.74E-05	3.25E-02	5.12E-03	1.02E-03	1.02E-10	5.12E-04	1.22E-05	9.02E-06	2.51E-05	8.26E-05	4.88E-04	7.81E-06	1.76E-04	8.96E-03	8.30E-04	1.07E-02
226	SG_226	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.900	4.73E-02	9.49E-02	Not Modelled	2.60E-02	4.39E-05	3.07E-02	4.74E-03	9.47E-04	9.47E-11	4.74E-04	1.13E-05	8.35E-06	2.32E-05	7.65E-05	4.52E-04	7.23E-06	1.63E-04	8.29E-03	7.69E-04	9.89E-03
227	SG_227	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.900	4.35E-02	8.73E-02	Not Modelled	2.38E-02	4.04E-05	2.89E-02	4.36E-03	8.72E-04	8.72E-11	4.36E-04	1.04E-05	7.69E-06	2.14E-05	7.04E-05	4.16E-04	6.66E-06	1.50E-04	7.63E-03	7.08E-04	9.10E-03
228	SG_228	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.900	4.00E-02	8.03E-02	Not Modelled	2.16E-02	3.71E-05	2.69E-02	4.01E-03	8.02E-04	8.02E-11	4.01E-04	9.59E-06	7.07E-06	1.97E-05	6.48E-05	3.83E-04	6.12E-06	1.38E-04	7.02E-03	6.51E-04	8.37E-03
229	SG_229	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.900	3.70E-02	7.43E-02	Not Modelled	1.94E-02	3.43E-05	2.49E-02	3.71E-03	7.42E-04	7.42E-11	3.71E-04	8.87E-06	6.54E-06	1.82E-05	5.99E-05	3.54E-04	5.66E-06	1.28E-04	6.50E-03	6.02E-04	7.74E-03
230	SG_230	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.900	3.44E-02	6.90E-02	Not Modelled	1.76E-02	3.19E-05	2.34E-02	3.44E-03	6.88E-04	6.88E-11	3.44E-04	8.23E-06	6.07E-06	1.69E-05	5.56E-05	3.29E-04	5.25E-06	1.19E-04	6.03E-03	5.58E-04	7.18E-03
231	SG_231	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.900	3.21E-02	6.44E-02	Not Modelled	1.59E-02	2.97E-05	2.17E-02	3.21E-03	6.43E-04	6.43E-11	3.22E-04	7.69E-06	5.67E-06	1.58E-05	5.19E-05	3.07E-04	4.91E-06	1.11E-04	5.63E-03	5.22E-04	6.71E-03
232	SG_232	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.900	3.34E-02	6.70E-02	Not Modelled	1.58E-02	3.10E-05	2.20E-02	3.35E-03	6.69E-04	6.69E-11	3.35E-04	8.01E-06	5.90E-06	1.64E-05	5.40E-05	3.20E-04	5.11E-06	1.15E-04	5.86E-03	5.43E-04	6.98E-03
233	SG_233	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6365.900	3.98E-02	7.98E-02	Not Modelled	1.75E-02	3.68E-05	2.46E-02	3.98E-03	7.96E-04	7.96E-11	3.98E-04	9.53E-06	7.02E-06	1.95E-05	6.43E-05	3.80E-04	6.08E-06	1.37E-04	6.97E-03	6.46E-04	8.31E-03
236	SG_236	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.900	7.35E-02	1.47E-01	Not Modelled	2.84E-02	6.81E-05	3.88E-02	7.36E-03	1.47E-03	1.47E-10	7.36E-04	1.76E-05	1.30E-05	3.61E-05	1.19E-04	7.03E-04	1.12E-05	2.54E-04	1.29E-02	1.19E-03	1.54E-02
237	SG_237	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.900	8.90E-02	1.78E-01	Not Modelled	3.32E-02	8.24E-05	4.42E-02	8.91E-03	1.78E-03	1.78E-10	8.91E-04	2.13E-05	1.57E-05	4.37E-05	1.44E-04	8.51E-04	1.36E-05	3.07E-04	1.56E-02	1.45E-03	1.86E-02
238	SG_238	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.900	1.09E-01	2.19E-01	Not Modelled	3.93E-02	1.01E-04	5.09E-02	1.09E-02	2.19E-03	2.19E-10	1.09E-03	2.62E-05	1.93E-05	5.36E-05	1.77E-04	1.04E-03	1.67E-05	3.77E-04	1.91E-02	1.77E-03	2.28E-02
239	SG_239	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.900	1.35E-01	2.70E-01	Not Modelled	4.68E-02	1.25E-04	5.93E-02	1.35E-02	2.69E-03	2.69E-10	1.35E-03	3.22E-05	2.38E-05	6.61E-05	2.18E-04	1.29E-03	2.06E-05	4.65E-04	2.36E-02	2.19E-03	2.81E-02
240	SG_240	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.900	1.43E-01	2.87E-01	Not Modelled	4.89E-02	1.33E-04	6.03E-02	1.43E-02	2.86E-03	2.86E-10	1.43E-03	3.43E-05	2.52E-05	7.03E-05	2.31E-04	1.37E-03	2.19E-05	4.94E-04	2.51E-02	2.32E-03	2.99E-02
241	SG_241	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.900	1.55E-01	3.10E-01	Not Modelled	5.36E-02	1.43E-04	6.49E-02	1.55E-02	3.09E-03	3.09E-10	1.55E-03	3.70E-05	2.73E-05	7.59E-05	2.50E-04	1.48E-03	2.36E-05	5.34E-04	2.71E-02	2.51E-03	3.23E-02
244	SG_244	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.900	1.53E-01	3.05E-01	Not Modelled	5.72E-02	1.41E-04	6.59E-02	1.53E-02	3.05E-03	3.05E-10	1.53E-03	3.65E-05	2.69E-05	7.48E-05	2.46E-04	1.46E-03	2.33E-05	5.26E-04	2.67E-02	2.48E-03	3.18E-02
245	SG_245	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.900	1.41E-01	2.83E-01	Not Modelled	5.41E-02	1.31E-04	6.11E-02	1.41E-02	2.83E-03	2.83E-10	1.41E-03	3.38E-05	2.49E-05	6.93E-05	2.28E-04	1.35E-03	2.16E-05	4.87E-04	2.47E-02	2.29E-03	2.95E-02
246	SG_246	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.900	1.35E-01	2.69E-01	Not Modelled	5.25E-02	1.25E-04	5.82E-02	1.35E-02	2.69E-03	2.69E-10	1.35E-03	3.22E-05	2.37E-05	6.60E-05	2.17E-04	1.29E-03	2.06E-05	4.64E-04	2.36E-02	2.18E-03	2.81E-02
247	SG_247	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.900	1.32E-01	2.64E-01	Not Modelled	5.23E-02	1.22E-04	5.70E-02	1.32E-02	2.64E-03	2.64E-10	1.32E-03	3.16E-05	2.33E-05	6.47E-05	2.13E-04	1.26E-03	2.02E-05	4.55E-04	2.31E-02	2.14E-03	2.75E-02
248	SG_248	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.900	1.25E-01	2.51E-01	Not Modelled	5.02E-02	1.16E-04	5.37E-02	1.25E-02	2.50E-03	2.50E-10	1.25E-03	3.00E-05	2.21E-05	6.14E-05	2.02E-04	1.20E-03	1.91E-05	4.32E-04	2.19E-02	2.03E-03	2.61E-02
253	SG_253	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.100	6.77E-02	1.36E-01	Not Modelled	3.36E-02	6.28E-05	3.92E-02	6.79E-03	1.36E-03	1.36E-10	6.79E-04	1.62E-05	1.20E-05	3.33E-05	1.10E-04	6.48E-04	1.04E-05	2.34E-04	1.19E-02	1.10E-03	1.42E-02
254	SG_254	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.100	7.00E-02	1.41E-01	Not Modelled	3.57E-02	6.49E-05	4.19E-02	7.02E-03	1.40E-03	1.40E-10	7.02E-04	1.68E-05	1.24E-05	3.44E-05	1.13E-04	6.70E-04	1.07E-05	2.42E-04	1.23E-02	1.14E-03	1.46E-02
255	SG_255	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.100	6.86E-02	1.38E-01	Not Modelled	3.60E-02	6.36E-05	4.26E-02	6.88E-03	1.38E-03	1.38E-10	6.88E-04	1.64E-05	1.21E-05	3.37E-05	1.11E-04	6.56E-04	1.05E-05	2.37E-04	1.20E-02	1.12E-03	1.44E-02
256	SG_256	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.100	6.46E-02	1.30E-01	Not Modelled	3.47E-02	5.99E-05	4.15E-02	6.47E-03	1.29E-03	1.29E-10	6.47E-04	1.55E-05	1.14E-05	3.17E-05	1.04E-04	6.17E-04	9.87E-06	2.23E-04	1.13E-02	1.05E-03	1.35E-02
257	SG_257	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.100	6.07E-02	1.22E-01	Not Modelled	3.30E-02	5.63E-05	4.03E-02	6.08E-03	1.22E-03	1.22E-10	6.08E-04	1.45E-05	1.07E-05	2.98E-05	9.82E-05	5.80E-04	9.28E-06	2.10E-04	1.06E-02	9.87E-04	1.27E-02
258	SG_258	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.100	5.55E-02	1.11E-01	Not Modelled	3.01E-02	5.15E-05	3.76E-02	5.56E-03	1.11E-03	1.11E-10	5.56E-04	1.33E-05	9.80E-06	2.73E-05	8.98E-05	5.31E-04	8.49E-06	1.92E-04	9.74E-03	9.02E-04	1.16E-02
259	SG_259	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.100	5.07E-02	1.02E-01	Not Modelled	2.72E-02	4.69E-05	3.50E-02	5.07E-03	1.01E-03	1.01E-10	5.07E-04	1.21E-05	8.94E-06	2.49E-05	8.19E-05	4.84E-04	7.74E-06	1.75E-04	8.88E-03	8.23E-04	1.06E-02
260	SG_260	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.100	4.56E-02	9.14E-02	Not Modelled	2.38E-02	4.23E-05	3.14E-02	4.56E-03	9.13E-04	9.13E-11	4.57E-04	1.09E-05	8.05E-06	2.24E-05	7.37E-05	4.36E-04	6.97E-06	1.57E-04	7.99E-03	7.41E-04	9.53E-03
261	SG_261	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.100	4.20E-02	8.42E-02	Not Modelled	2.14E-02	3.89E-05	2.92E-02	4.20E-03	8.41E-04	8.41E-11	4.21E-04	1.01E-05	7.41E-06	2.06E-05	6.79E-05	4.01E-04	6.42E-06	1.45E-04	7.36E-03	6.82E-04	8.78E-03
262	SG_262	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.100	3.92E-02	7.87E-02	Not Modelled	1.94E-02	3.64E-05	2.74E-02	3.93E-03	7.86E-04	7.86E-11	3.93E-04	9.40E-06	6.92E-06	1.93E-05	6.34E-05	3.75E-04	6.00E-06	1.35E-04	6.88E-03	6.37E-04	8.20E-03
263	SG_263	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6366.100	4.02E-02	8.06E-02	Not Modelled	1.88E-02	3.72E-05	2.72E-02	4.02E-03	8.04E-04	8.04E-11	4.02E-04	9.62E-06	7.09E-06	1.97E-05	6.50E-05	3.84E-04	6.14E-06	1.39E-04	7.04E-03	6.53E-04	8.40E-03
264	SG_264	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6366.100	4.97E-02	9.96E-02	Not Modelled	2.16E-02	4.60E-05	3.15E-02	4.97E-03	9.95E-04	9.95E-11	4.98E-04	1.19E-05	8.77E-06	2.44E-05	8.03E-05	4.75E-04	7.59E-06	1.71E-04	8.71E-03	8.07E-04	1.04E-02
270	SG_270	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6366.100	1.67E-01	3.35E-01	Not Modelled	5.73E-02	1.55E-04	7.38E-02	1.67E-02	3.35E-03	3.35E-10	1.67E-03	4.01E-05	2.95E-05	8.21E-05	2.70E-04	1.60E-03	2.56E-05	5.77E-04	2.93E-02	2.72E-03	3.49E-02
271	SG_271	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6366.100	1.84E-01	3.69E-01	Not Modelled	6.40E-02	1.71E-04	8.11E-02	1.85E-02	3.69E-03	3.69E-10	1.85E-03	4.42E-05	3.25E-05	9.05E-05	2.98E-04	1.76E-03	2.82E-05	6.36E-04	3.23E-02	2.99E-03	3.85E-02
279	SG_279	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6366.100	1.32E-01	2.64E-01	Not Modelled	5.37E-02	1.22E-04	5.90E-02	1.32E-02	2.64E-03	2.64E-10	1.32E-03	3.16E-05	2.32E-05	6.47E-05	2.13E-04	1.26E-03	2.01E-05	4.55E-04	2.31E-02	2.14E-03	2.75E-02
284	SG_284	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.300	7.31E-02	1.47E-01	Not Modelled	3.47E-02	6.78E-05	4.24E-02	7.33E-03	1.47E-03	1.47E-10	7.33E-04	1.75E-05	1.29E-05	3.59E-05	1.18E-04	6.99E-04	1.12E-05	2.52E-04	1.28E-02	1.19E-03	1.53E-02
285	SG_285	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.300	8.02E-02	1.61E-01	Not Modelled	3.87E-02	7.44E-05	4.77E-02	8.04E-03	1.61E-03	1.61E-10	8.05E-04	1.92E-05	1.42E-05	3.94E-05	1.30E-04	7.67E-04	1.23E-05	2.77E-04	1.41E-02	1.30E-03	1.68E-02
286	SG_286	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.300	8.34E-02	1.67E-01	Not Modelled	4.14E-02	7.73E-05	5.13E-02	8.35E-03	1.67E-03	1.67E-10	8.36E-04	2.00E-05	1.47E-05	4.10E-05	1.35E-04	7.97E-04	1.27E-05	2.88E-04	1.46E-02	1.36E-03	1.74E-02
287	SG_287	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.300	8.33E-02	1.67E-01	Not Modelled	4.29E-02	7.72E-05	5.36E-02	8.34E-03	1.67E-03	1.67E-10	8.35E-04	2.00E-05	1.47E-05	4.09E-05	1.35E-04	7.96E-04	1.27E-05	2.87E-04	1.46E-02	1.35E-03	1.74E-02
288	SG_288	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.300	7.82E-02	1.57E-01	Not Modelled	4.14E-02	7.24E-05	5.23E-02	7.82E-03	1.56E-03	1.56E-10	7.83E-04	1.87E-05	1.38E-05	3.84E-05	1.26E-04	7.47E-04	1.19E-05	2.70E-04	1.37E-02	1.27E-03	1.63E-02
289	SG_289	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.300	7.21E-02	1.44E-01	Not Modelled	3.87E-02	6.68E-05	4.99E-02	7.22E-03	1.44E-03	1.44E-10	7.22E-04	1.73E-05	1.27E-05	3.54E-05	1.17E-04	6.89E-04	1.10E-05	2.49E-04	1.26E-02	1.17E-03	1.51E-02
290	SG_290	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.300	6.47E-02	1.30E-01	Not Modelled	3.46E-02	6.00E-05	4.57E-02	6.48E-03	1.30E-03	1.30E-10	6.48E-04	1.55E-05	1.14E-05	3.18E-05	1.05E-04	6.19E-04	9.89E-06	2.23E-04	1.13E-02	1.05E-03	1.35E-02
291	SG_291	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.300	5.79E-02	1.16E-01	Not Modelled	3.04E-02	5.36E-05	4.13E-02	5.79E-03	1.16E-03	1.16E-10	5.80E-04	1.39E-05	1.02E-05	2.84E-05	9.36E-05	5.53E-04	8.84E-06	2.00E-04	1.01E-02	9.40E-04	1.21E-02
292	SG_292	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.300	5.39E-02	1.08E-01	Not Modelled	2.75E-02	4.99E-05	3.87E-02	5.39E-03	1.08E-03	1.08E-10	5.39E-04	1.29E-05	9.50E-06	2.64E-05	8.71E-05	5.15E-04	8.23E-06	1.86E-04	9.44E-03	8.75E-04	1.13E-02
293	SG_293	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.300	4.80E-02	9.63E-02	Not Modelled	2.36E-02	4.45E-05	3.44E-02	4.81E-03	9.61E-04	9.61E-11	4.81E-04	1.15E-05	8.47E-06	2.36E-05	7.76E-05	4.59E-04	7.34E-06	1.66E-04	8.42E-03	7.80E-04	1.00E-02
294	SG_294	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6366.300	4.86E-02	9.73E-02	Not Modelled	2.26E-02	4.50E-05	3.38E-02	4.86E-03	9.72E-04	9.72E-11	4.86E-04	1.16E-05	8.57E-06	2.38E-05	7.85E-05	4.64E-04	7.42E-06	1.68E-04	8.51E-03	7.88E-04	1.01E-02
295	SG_295	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6366.300	5.86E-02	1.17E-01	Not Modelled	2.52E-02	5.42E-05	3.78E-02	5.86E-03	1.17E-03	1.17E-10	5.86E-04	1.40E-05	1.03E-05	2.88E-05	9.47E-05	5.60E-04	8.95E-06	2.02E-04	1.03E-02	9.51E-04	1.22E-02
315	SG_315	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.500	7.33E-02	1.47E-01	Not Modelled	3.42E-02	6.80E-05	4.39E-02	7.35E-03	1.47E-03	1.47E-10	7.35E-04	1.76E-05	1.30E-05	3.60E-05	1.19E-04	7.01E-04	1.12E-05	2.53E-04	1.29E-02	1.19E-03	1.53E-02
316	SG_316	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.500	8.43E-02	1.69E-01	Not Modelled	3.91E-02	7.81E-05	5.06E-02	8.44E-03	1.69E-03	1.69E-10	8.45E-04	2.02E-05	1.49E-05	4.14E-05	1.36E-04	8.06E-04	1.29E-05	2.91E-04	1.48E-02	1.37E-03	1.76E-02

AQIA DATA - SCENARIO 2 RECREATIONAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.258**	**0.517**	**0.000**	**0.119**	**0.000**	**0.204**	**0.026**	**0.005**	**0.000**	**0.003**	**0.000**	**0.000**	**0.000**	**0.000**	**0.002**	**0.000**	**0.001**	**0.045**	**0.004**	**0.054**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**SG_397**	**SG_397**	**#N/A**	**NG_783**	**SG_397**	**NG_783**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**381.500**	**381.500**	**#N/A**	**378.814**	**381.500**	**378.814**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**
						Y	**6366.900**	**6366.900**	**#N/A**	**6367.557**	**6366.900**	**6367.557**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**
317	SG_317	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.500	9.27E-02	1.86E-01	Not Modelled	4.35E-02	8.59E-05	5.67E-02	9.28E-03	1.86E-03	1.86E-10	9.28E-04	2.22E-05	1.64E-05	4.55E-05	1.50E-04	8.86E-04	1.42E-05	3.20E-04	1.62E-02	1.51E-03	1.94E-02
318	SG_318	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.500	9.82E-02	1.97E-01	Not Modelled	4.75E-02	9.10E-05	6.21E-02	9.83E-03	1.97E-03	1.97E-10	9.84E-04	2.35E-05	1.73E-05	4.82E-05	1.59E-04	9.39E-04	1.50E-05	3.39E-04	1.72E-02	1.60E-03	2.05E-02
319	SG_319	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.500	1.03E-01	2.06E-01	Not Modelled	5.22E-02	9.54E-05	6.90E-02	1.03E-02	2.06E-03	2.06E-10	1.03E-03	2.46E-05	1.82E-05	5.05E-05	1.66E-04	9.84E-04	1.57E-05	3.55E-04	1.80E-02	1.67E-03	2.15E-02
320	SG_320	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.500	1.07E-01	2.15E-01	Not Modelled	5.74E-02	9.95E-05	7.75E-02	1.07E-02	2.15E-03	2.15E-10	1.08E-03	2.57E-05	1.89E-05	5.27E-05	1.74E-04	1.03E-03	1.64E-05	3.70E-04	1.88E-02	1.74E-03	2.24E-02
321	SG_321	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.500	1.02E-01	2.04E-01	Not Modelled	5.60E-02	9.44E-05	7.76E-02	1.02E-02	2.04E-03	2.04E-10	1.02E-03	2.44E-05	1.80E-05	5.00E-05	1.65E-04	9.73E-04	1.56E-05	3.51E-04	1.79E-02	1.65E-03	2.13E-02
322	SG_322	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.500	8.71E-02	1.74E-01	Not Modelled	4.73E-02	8.07E-05	6.72E-02	8.72E-03	1.74E-03	1.74E-10	8.72E-04	2.08E-05	1.54E-05	4.27E-05	1.41E-04	8.32E-04	1.33E-05	3.00E-04	1.53E-02	1.41E-03	1.82E-02
323	SG_323	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.500	7.21E-02	1.44E-01	Not Modelled	3.74E-02	6.68E-05	5.45E-02	7.22E-03	1.44E-03	1.44E-10	7.22E-04	1.73E-05	1.27E-05	3.54E-05	1.17E-04	6.89E-04	1.10E-05	2.49E-04	1.26E-02	1.17E-03	1.51E-02
324	SG_324	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.500	6.21E-02	1.24E-01	Not Modelled	3.07E-02	5.75E-05	4.62E-02	6.21E-03	1.24E-03	1.24E-10	6.21E-04	1.49E-05	1.09E-05	3.05E-05	1.00E-04	5.93E-04	9.48E-06	2.14E-04	1.09E-02	1.01E-03	1.30E-02
325	SG_325	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6366.500	5.93E-02	1.19E-01	Not Modelled	2.75E-02	5.49E-05	4.24E-02	5.93E-03	1.19E-03	1.19E-10	5.93E-04	1.42E-05	1.05E-05	2.91E-05	9.57E-05	5.66E-04	9.05E-06	2.04E-04	1.04E-02	9.62E-04	1.24E-02
326	SG_326	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6366.500	7.86E-02	1.58E-01	Not Modelled	3.34E-02	7.28E-05	5.22E-02	7.87E-03	1.57E-03	1.57E-10	7.87E-04	1.88E-05	1.39E-05	3.86E-05	1.27E-04	7.51E-04	1.20E-05	2.71E-04	1.38E-02	1.28E-03	1.64E-02
327	SG_327	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6366.500	1.14E-01	2.27E-01	Not Modelled	4.53E-02	1.05E-04	7.06E-02	1.14E-02	2.27E-03	2.27E-10	1.14E-03	2.72E-05	2.00E-05	5.58E-05	1.84E-04	1.09E-03	1.74E-05	3.92E-04	1.99E-02	1.84E-03	2.37E-02
346	SG_346	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.700	6.83E-02	1.37E-01	Not Modelled	3.29E-02	6.33E-05	4.44E-02	6.84E-03	1.37E-03	1.37E-10	6.85E-04	1.64E-05	1.21E-05	3.36E-05	1.11E-04	6.53E-04	1.04E-05	2.36E-04	1.20E-02	1.11E-03	1.43E-02
347	SG_347	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.700	7.79E-02	1.56E-01	Not Modelled	3.61E-02	7.22E-05	4.90E-02	7.80E-03	1.56E-03	1.56E-10	7.81E-04	1.87E-05	1.38E-05	3.83E-05	1.26E-04	7.45E-04	1.19E-05	2.69E-04	1.37E-02	1.27E-03	1.63E-02
348	SG_348	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.700	9.05E-02	1.81E-01	Not Modelled	4.14E-02	8.38E-05	5.66E-02	9.06E-03	1.81E-03	1.81E-10	9.06E-04	2.17E-05	1.60E-05	4.44E-05	1.46E-04	8.65E-04	1.38E-05	3.12E-04	1.59E-02	1.47E-03	1.89E-02
349	SG_349	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.700	1.07E-01	2.15E-01	Not Modelled	4.96E-02	9.93E-05	6.85E-02	1.07E-02	2.15E-03	2.15E-10	1.07E-03	2.57E-05	1.89E-05	5.26E-05	1.73E-04	1.02E-03	1.64E-05	3.70E-04	1.88E-02	1.74E-03	2.24E-02
350	SG_350	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.700	1.25E-01	2.49E-01	Not Modelled	5.94E-02	1.15E-04	8.28E-02	1.25E-02	2.49E-03	2.49E-10	1.25E-03	2.98E-05	2.20E-05	6.11E-05	2.01E-04	1.19E-03	1.90E-05	4.29E-04	2.18E-02	2.02E-03	2.60E-02
351	SG_351	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.700	1.35E-01	2.71E-01	Not Modelled	6.76E-02	1.25E-04	9.52E-02	1.35E-02	2.71E-03	2.71E-10	1.36E-03	3.24E-05	2.39E-05	6.64E-05	2.19E-04	1.29E-03	2.07E-05	4.67E-04	2.37E-02	2.20E-03	2.83E-02
352	SG_352	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.700	1.33E-01	2.66E-01	Not Modelled	6.94E-02	1.23E-04	9.91E-02	1.33E-02	2.66E-03	2.66E-10	1.33E-03	3.18E-05	2.35E-05	6.53E-05	2.15E-04	1.27E-03	2.03E-05	4.59E-04	2.33E-02	2.16E-03	2.78E-02
353	SG_353	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.700	1.16E-01	2.32E-01	Not Modelled	6.16E-02	1.07E-04	8.96E-02	1.16E-02	2.32E-03	2.32E-10	1.16E-03	2.78E-05	2.05E-05	5.69E-05	1.87E-04	1.11E-03	1.77E-05	4.00E-04	2.03E-02	1.88E-03	2.42E-02
354	SG_354	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.700	1.01E-01	2.02E-01	Not Modelled	5.29E-02	9.36E-05	7.96E-02	1.01E-02	2.02E-03	2.02E-10	1.01E-03	2.42E-05	1.78E-05	4.96E-05	1.63E-04	9.65E-04	1.54E-05	3.48E-04	1.77E-02	1.64E-03	2.11E-02
355	SG_355	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.700	9.00E-02	1.80E-01	Not Modelled	4.53E-02	8.33E-05	7.09E-02	9.00E-03	1.80E-03	1.80E-10	9.01E-04	2.15E-05	1.59E-05	4.42E-05	1.45E-04	8.60E-04	1.37E-05	3.10E-04	1.58E-02	1.46E-03	1.88E-02
377	SG_377	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.900	5.92E-02	1.19E-01	Not Modelled	2.96E-02	5.48E-05	4.10E-02	5.92E-03	1.18E-03	1.18E-10	5.93E-04	1.42E-05	1.04E-05	2.91E-05	9.57E-05	5.66E-04	9.04E-06	2.04E-04	1.04E-02	9.61E-04	1.24E-02
378	SG_378	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.900	6.83E-02	1.37E-01	Not Modelled	3.30E-02	6.32E-05	4.66E-02	6.83E-03	1.37E-03	1.37E-10	6.84E-04	1.63E-05	1.20E-05	3.35E-05	1.10E-04	6.52E-04	1.04E-05	2.36E-04	1.20E-02	1.11E-03	1.43E-02
379	SG_379	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.900	8.19E-02	1.64E-01	Not Modelled	3.88E-02	7.58E-05	5.57E-02	8.19E-03	1.64E-03	1.64E-10	8.20E-04	1.96E-05	1.44E-05	4.02E-05	1.32E-04	7.82E-04	1.25E-05	2.82E-04	1.43E-02	1.33E-03	1.71E-02
380	SG_380	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.900	1.03E-01	2.05E-01	Not Modelled	4.78E-02	9.50E-05	6.97E-02	1.03E-02	2.05E-03	2.05E-10	1.03E-03	2.45E-05	1.81E-05	5.03E-05	1.66E-04	9.80E-04	1.57E-05	3.54E-04	1.80E-02	1.67E-03	2.14E-02
381	SG_381	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.900	1.26E-01	2.52E-01	Not Modelled	5.79E-02	1.17E-04	8.53E-02	1.26E-02	2.52E-03	2.52E-10	1.26E-03	3.01E-05	2.22E-05	6.18E-05	2.03E-04	1.20E-03	1.92E-05	4.34E-04	2.21E-02	2.04E-03	2.63E-02
382	SG_382	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.900	1.51E-01	3.03E-01	Not Modelled	7.01E-02	1.40E-04	1.04E-01	1.51E-02	3.03E-03	3.03E-10	1.52E-03	3.62E-05	2.67E-05	7.43E-05	2.45E-04	1.45E-03	2.31E-05	5.22E-04	2.65E-02	2.46E-03	3.16E-02
383	SG_383	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.900	1.75E-01	3.51E-01	Not Modelled	8.43E-02	1.62E-04	1.26E-01	1.75E-02	3.51E-03	3.51E-10	1.75E-03	4.19E-05	3.09E-05	8.60E-05	2.83E-04	1.67E-03	2.68E-05	6.04E-04	3.07E-02	2.85E-03	3.66E-02
397	SG_397	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6366.900	2.58E-01	5.17E-01	Not Modelled	1.09E-01	2.39E-04	1.47E-01	2.58E-02	5.17E-03	5.17E-10	2.59E-03	6.18E-05	4.56E-05	1.27E-04	4.17E-04	2.47E-03	3.95E-05	8.91E-04	4.53E-02	4.19E-03	5.39E-02
398	SG_398	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6366.900	2.08E-01	4.15E-01	Not Modelled	8.71E-02	1.92E-04	1.15E-01	2.08E-02	4.15E-03	4.15E-10	2.08E-03	4.97E-05	3.66E-05	1.02E-04	3.35E-04	1.98E-03	3.17E-05	7.16E-04	3.63E-02	3.37E-03	4.33E-02
408	SG_408	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.100	5.74E-02	1.15E-01	Not Modelled	2.96E-02	5.32E-05	4.20E-02	5.74E-03	1.15E-03	1.15E-10	5.75E-04	1.37E-05	1.01E-05	2.82E-05	9.28E-05	5.48E-04	8.77E-06	1.98E-04	1.01E-02	9.32E-04	1.20E-02
409	SG_409	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.100	6.55E-02	1.31E-01	Not Modelled	3.34E-02	6.07E-05	4.86E-02	6.55E-03	1.31E-03	1.31E-10	6.56E-04	1.57E-05	1.16E-05	3.21E-05	1.06E-04	6.26E-04	1.00E-05	2.26E-04	1.15E-02	1.06E-03	1.37E-02
412	SG_412	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6367.100	1.13E-01	2.27E-01	Not Modelled	5.39E-02	1.05E-04	8.33E-02	1.13E-02	2.27E-03	2.27E-10	1.14E-03	2.71E-05	2.00E-05	5.56E-05	1.83E-04	1.08E-03	1.73E-05	3.91E-04	1.99E-02	1.84E-03	2.37E-02
413	SG_413	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6367.100	1.45E-01	2.89E-01	Not Modelled	6.68E-02	1.34E-04	1.05E-01	1.45E-02	2.89E-03	2.89E-10	1.45E-03	3.46E-05	2.55E-05	7.10E-05	2.34E-04	1.38E-03	2.21E-05	4.99E-04	2.53E-02	2.35E-03	3.02E-02
414	SG_414	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6367.100	1.93E-01	3.87E-01	Not Modelled	8.86E-02	1.79E-04	1.41E-01	1.94E-02	3.87E-03	3.87E-10	1.94E-03	4.63E-05	3.41E-05	9.49E-05	3.12E-04	1.85E-03	2.95E-05	6.67E-04	3.39E-02	3.14E-03	4.04E-02
438	SG_438	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6367.300	5.42E-02	1.09E-01	Not Modelled	2.89E-02	5.02E-05	4.02E-02	5.43E-03	1.09E-03	1.09E-10	5.43E-04	1.30E-05	9.57E-06	2.66E-05	8.77E-05	5.18E-04	8.29E-06	1.87E-04	9.50E-03	8.81E-04	1.13E-02
439	SG_439	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.300	6.19E-02	1.24E-01	Not Modelled	3.31E-02	5.73E-05	4.74E-02	6.19E-03	1.24E-03	1.24E-10	6.20E-04	1.48E-05	1.09E-05	3.04E-05	1.00E-04	5.91E-04	9.45E-06	2.13E-04	1.08E-02	1.00E-03	1.29E-02
440	SG_440	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.300	6.67E-02	1.34E-01	Not Modelled	3.46E-02	6.18E-05	5.07E-02	6.67E-03	1.33E-03	1.33E-10	6.68E-04	1.60E-05	1.18E-05	3.27E-05	1.08E-04	6.37E-04	1.02E-05	2.30E-04	1.17E-02	1.08E-03	1.39E-02
442	SG_442	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6367.300	9.17E-02	1.84E-01	Not Modelled	4.67E-02	8.49E-05	7.23E-02	9.17E-03	1.83E-03	1.83E-10	9.17E-04	2.19E-05	1.62E-05	4.50E-05	1.48E-04	8.75E-04	1.40E-05	3.16E-04	1.61E-02	1.49E-03	1.91E-02
443	SG_443	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6367.300	1.10E-01	2.20E-01	Not Modelled	5.45E-02	1.02E-04	8.67E-02	1.10E-02	2.20E-03	2.20E-10	1.10E-03	2.63E-05	1.94E-05	5.39E-05	1.77E-04	1.05E-03	1.68E-05	3.79E-04	1.92E-02	1.78E-03	2.29E-02
444	SG_444	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6367.300	1.38E-01	2.76E-01	Not Modelled	6.76E-02	1.28E-04	1.10E-01	1.38E-02	2.76E-03	2.76E-10	1.38E-03	3.30E-05	2.44E-05	6.78E-05	2.23E-04	1.32E-03	2.11E-05	4.76E-04	2.42E-02	2.24E-03	2.88E-02
445	SG_445	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6367.300	1.87E-01	3.74E-01	Not Modelled	9.08E-02	1.73E-04	1.52E-01	1.87E-02	3.74E-03	3.74E-10	1.87E-03	4.47E-05	3.29E-05	9.16E-05	3.02E-04	1.78E-03	2.85E-05	6.44E-04	3.27E-02	3.03E-03	3.90E-02
467	SG_467	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6367.500	4.25E-02	8.52E-02	Not Modelled	2.31E-02	3.94E-05	3.00E-02	4.26E-03	8.51E-04	8.51E-11	4.26E-04	1.02E-05	7.50E-06	2.09E-05	6.87E-05	4.06E-04	6.50E-06	1.47E-04	7.45E-03	6.91E-04	8.88E-03
468	SG_468	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6367.500	4.85E-02	9.72E-02	Not Modelled	2.65E-02	4.49E-05	3.54E-02	4.85E-03	9.71E-04	9.71E-11	4.86E-04	1.16E-05	8.56E-06	2.38E-05	7.84E-05	4.64E-04	7.41E-06	1.67E-04	8.50E-03	7.88E-04	1.01E-02
469	SG_469	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6367.500	5.55E-02	1.11E-01	Not Modelled	3.05E-02	5.14E-05	4.21E-02	5.55E-03	1.11E-03	1.11E-10	5.56E-04	1.33E-05	9.79E-06	2.72E-05	8.97E-05	5.30E-04	8.48E-06	1.91E-04	9.72E-03	9.01E-04	1.16E-02
470	SG_470	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.500	5.93E-02	1.19E-01	Not Modelled	3.15E-02	5.49E-05	4.44E-02	5.93E-03	1.19E-03	1.19E-10	5.93E-04	1.42E-05	1.05E-05	2.91E-05	9.58E-05	5.66E-04	9.05E-06	2.04E-04	1.04E-02	9.62E-04	1.24E-02
471	SG_471	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.500	6.58E-02	1.32E-01	Not Modelled	3.44E-02	6.09E-05	4.99E-02	6.59E-03	1.32E-03	1.32E-10	6.59E-04	1.58E-05	1.16E-05	3.23E-05	1.06E-04	6.29E-04	1.01E-05	2.27E-04	1.15E-02	1.07E-03	1.37E-02
472	SG_472	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6367.500	7.41E-02	1.48E-01	Not Modelled	3.81E-02	6.86E-05	5.67E-02	7.42E-03	1.48E-03	1.48E-10	7.42E-04	1.77E-05	1.31E-05	3.64E-05	1.20E-04	7.08E-04	1.13E-05	2.56E-04	1.30E-02	1.20E-03	1.55E-02
473	SG_473	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6367.500	8.90E-02	1.78E-01	Not Modelled	4.56E-02	8.24E-05	7.00E-02	8.90E-03	1.78E-03	1.78E-10	8.90E-04	2.13E-05	1.57E-05	4.37E-05	1.44E-04	8.50E-04	1.36E-05	3.07E-04	1.56E-02	1.44E-03	1.86E-02
474	SG_474	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6367.500	1.11E-01	2.22E-01	Not Modelled	5.68E-02	1.03E-04	9.02E-02	1.11E-02	2.22E-03	2.22E-10	1.11E-03	2.65E-05	1.95E-05	5.44E-05	1.79E-04	1.06E-03	1.69E-05	3.82E-04	1.94E-02	1.80E-03	2.31E-02
497	SG_497	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6367.700	3.81E-02	7.64E-02	Not Modelled	2.16E-02	3.53E-05	2.68E-02	3.82E-03	7.63E-04	7.63E-11	3.82E-04	9.13E-06	6.73E-06	1.87E-05	6.16E-05	3.65E-04	5.83E-06	1.32E-04	6.68E-03	6.19E-04	7.97E-03
498	SG_498	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6367.700	4.26E-02	8.54E-02	Not Modelled	2.42E-02	3.95E-05	3.08E-02	4.26E-03	8.53E-04	8.53E-11	4.27E-04	1.02E-05	7.52E-06	2.09E-05	6.88E-05	4.07E-04	6.51E-06	1.47E-04	7.46E-03	6.92E-04	8.90E-03
500	SG_500	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6367.700	5.19E-02	1.04E-01	Not Modelled	2.90E-02	4.81E-05	3.89E-02	5.20E-03	1.04E-03	1.04E-10	5.20E-04	1.24E-05	9.16E-06	2.55E-05	8.39E-05	4.96E-04	7.93E-06	1.79E-04	9.10E-03	8.43E-04	1.08E-02
501	SG_501	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.700	5.63E-02	1.13E-01	Not Modelled	3.07E-02	5.22E-05	4.24E-02	5.64E-03	1.13E-03	1.13E-10	5.64E-04	1.35E-05	9.94E-06	2.76E-05	9.10E-05	5.38E-04	8.61E-06	1.94E-04	9.87E-03	9.15E-04	1.18E-02
502	SG_502	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.700	6.42E-02	1.28E-01	Not Modelled	3.48E-02	5.94E-05	4.94E-02	6.42E-03	1.28E-03	1.28E-10	6.42E-04	1.54E-05	1.13E-05	3.15E-05	1.04E-04	6.13E-04	9.80E-06	2.21E-04	1.12E-02	1.04E-03	1.34E-02
503	SG_503	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6367.700	7.35E-02	1.47E-01	Not Modelled	3.95E-02	6.80E-05	5.78E-02	7.35E-03	1.47E-03	1.47E-10	7.35E-04	1.76E-05	1.30E-05	3.60E-05	1.19E-04	7.02E-04	1.12E-05	2.53E-04	1.29E-02	1.19E-03	1.53E-02
526	SG_526	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6367.700	6.52E-02	1.31E-01	Not Modelled	3.19E-02	6.03E-05	3.65E-02	6.52E-03	1.30E-03	1.30E-10	6.52E-04	1.56E-05	1.15E-05	3.20E-05	1.05E-04	6.23E-04	9.96E-06	2.25E-04	1.14E-02	1.06E-03	1.36E-02
528	SG_528	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6367.900	3.81E-02	7.63E-02	Not Modelled	2.23E-02	3.52E-05	2.70E-02	3.81E-03	7.62E-04	7.62E-11	3.81E-04	9.11E-06	6.71E-06	1.87E-05	6.15E-05	3.64E-04	5.81E-06	1.31E-04	6.67E-03	6.18E-04	7.95E-03
529	SG_529	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6367.900	4.33E-02	8.67E-02	Not Modelled	2.56E-02	4.01E-05	3.19E-02	4.33E-03	8.66E-04	8.66E-11	4.33E-04	1.04E-05	7.63E-06	2.12E-05	6.99E-05	4.13E-04	6.61E-06	1.49E-04	7.58E-03	7.02E-04	9.04E-03
532	SG_532	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.900	5.81E-02	1.16E-01	Not Modelled	3.31E-02	5.38E-05	4.48E-02	5.81E-03	1.16E-03	1.16E-10	5.82E-04	1.39E-05	1.02E-05	2.85E-05	9.39E-05	5.55E-04	8.88E-06	2.00E-04	1.02E-02	9.43E-04	1.21E-02
533	SG_533	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.900	6.47E-02	1.30E-01	Not Modelled	3.63E-02	5.99E-05	5.04E-02	6.47E-03	1.29E-03	1.29E-10	6.47E-04	1.55E-05	1.14E-05	3.17E-05	1.05E-04	6.18E-04	9.88E-06	2.23E-04	1.13E-02	1.05E-03	1.35E-02
534	SG_534	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6367.900	7.37E-02	1.48E-01	Not Modelled	4.09E-02	6.82E-05	5.84E-02	7.37E-03	1.47E-03	1.47E-10	7.37E-04	1.76E-05	1.30E-05	3.61E-05	1.19E-04	7.04E-04	1.13E-05	2.54E-04	1.29E-02	1.20E-03	1.54E-02
557	SG_557	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6367.900	5.78E-02	1.16E-01	Not Modelled	2.90E-02	5.35E-05	3.24E-02	5.78E-03	1.16E-03	1.16E-10	5.78E-04	1.38E-05	1.02E-05	2.83E-05	9.33E-05	5.52E-04	8.82E-06	1.99E-04	1.01E-02	9.38E-04	1.21E-02
558	SG_558	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6367.900	5.31E-02	1.06E-01	Not Modelled	2.68E-02	4.92E-05	2.92E-02	5.31E-03	1.06E-03	1.06E-10	5.32E-04	1.27E-05	9.37E-06	2.61E-05	8.58E-05	5.07E-04	8.11E-06	1.83E-04	9.30E-03	8.62E-04	1.11E-02
559	SG_559	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.100	3.98E-02	7.97E-02	Not Modelled	2.42E-02	3.68E-05	2.87E-02	3.98E-03	7.96E-04	7.96E-11	3.98E-04	9.52E-06	7.01E-06	1.95E-05	6.42E-05	3.80E-04	6.08E-06	1.37E-04	6.97E-03	6.45E-04	8.30E-03
560	SG_560	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.100	4.48E-02	8.97E-02	Not Modelled	2.73E-02	4.14E-05	3.33E-02	4.48E-03	8.96E-04	8.96E-11	4.48E-04	1.07E-05	7.89E-06	2.20E-05	7.23E-05	4.28E-04	6.84E-06	1.54E-04	7.84E-03	7.27E-04	9.35E-03
561	SG_561	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.100	4.65E-02	9.32E-02	Not Modelled	2.75E-02	4.31E-05	3.42E-02	4.65E-03	9.30E-04	9.30E-11	4.65E-04	1.11E-05	8.20E-06	2.28E-05	7.51E-05	4.44E-04	7.10E-06	1.60E-04	8.15E-03	7.55E-04	9.71E-03
562	SG_562	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.100	5.27E-02	1.06E-01	Not Modelled	3.11E-02	4.88E-05	3.98E-02	5.27E-03	1.05E-03	1.05E-10	5.27E-04	1.26E-05	9.29E-06	2.59E-05	8.51E-05	5.03E-04	8.05E-06	1.82E-04	9.23E-03	8.55E-04	1.10E-02
564	SG_564	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.100	6.55E-02	1.31E-01	Not Modelled	3.77E-02	6.06E-05	5.10E-02	6.55E-03	1.31E-03	1.31E-10	6.56E-04	1.57E-05	1.16E-05	3.21E-05	1.06E-04	6.26E-04	1.00E-05	2.26E-04	1.15E-02	1.06E-03	1.37E-02
565	SG_565	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.100	7.44E-02	1.49E-01	Not Modelled	4.25E-02	6.89E-05	5.89E-02	7.44E-03	1.49E-03	1.49E-10	7.44E-04	1.78E-05	1.31E-05	3.65E-05	1.20E-04	7.11E-04	1.14E-05	2.57E-04	1.30E-02	1.21E-03	1.55E-02
589	SG_589	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6368.100	5.26E-02	1.05E-01	Not Modelled	2.71E-02	4.87E-05	2.94E-02	5.26E-03	1.05E-03	1.05E-10	5.26E-04	1.26E-05	9.27E-06	2.58E-05	8.49E-05	5.02E-04	8.03E-06	1.81E-04	9.21E-03	8.53E-04	1.10E-02
590	SG_590	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.300	3.96E-02	7.93E-02	Not Modelled	2.43E-02	3.67E-05	2.80E-02	3.96E-03	7.92E-04	7.92E-11	3.96E-04	9.48E-06	6.98E-06	1.94E-05	6.40E-05	3.78E-04	6.05E-06	1.37E-04	6.94E-03	6.43E-04	8.27E-03
591	SG_591	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.300	4.46E-02	8.94E-02	Not Modelled	2.75E-02	4.13E-05	3.26E-02	4.47E-03	8.93E-04	8.93E-11	4.47E-04	1.07E-05	7.87E-06	2.19E-05	7.21E-05	4.26E-04	6.82E-06	1.54E-04	7.82E-03	7.25E-04	9.32E-03
592	SG_592	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.300	4.84E-02	9.70E-02	Not Modelled	2.95E-02	4.48E-05	3.59E-02	4.85E-03	9.69E-04	9.69E-11	4.85E-04	1.16E-05	8.54E-06	2.38E-05	7.83E-05	4.63E-04	7.40E-06	1.67E-04	8.48E-03	7.86E-04	1.01E-02
593	SG_593	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.300	5.22E-02	1.05E-01	Not Modelled	3.13E-02	4.83E-05	3.89E-02	5.22E-03	1.04E-03	1.04E-10	5.22E-04	1.25E-05	9.20E-06	2.56E-05	8.43E-05	4.98E-04	7.97E-06	1.80E-04	9.14E-03	8.47E-04	1.09E-02
594	SG_594	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.300	5.70E-02	1.14E-01	Not Modelled	3.38E-02	5.28E-05	4.30E-02	5.71E-03	1.14E-03	1.14E-10	5.71E-04	1.37E-05	1.01E-05	2.80E-05	9.21E-05	5.45E-04	8.71E-06	1.97E-04	9.99E-03	9.26E-04	1.19E-02
595	SG_595	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.300	6.40E-02	1.28E-01	Not Modelled	3.77E-02	5.93E-05	4.93E-02	6.41E-03	1.28E-03	1.28E-10	6.41E-04	1.53E-05	1.13E-05	3.14E-05	1.03E-04	6.12E-04	9.78E-06	2.21E-04	1.12E-02	1.04E-03	1.34E-02
597	SG_597	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6368.300	8.13E-02	1.63E-01	Not Modelled	4.77E-02	7.52E-05	6.50E-02	8.13E-03	1.63E-03	1.63E-10	8.13E-04	1.94E-05	1.43E-05	3.99E-05	1.31E-04	7.76E-04	1.24E-05	2.80E-04	1.42E-02	1.32E-03	1.70E-02
621	SG_621	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.500	3.99E-02	7.99E-02	Not Modelled	2.48E-02	3.69E-05	2.78E-02	3.99E-03	7.98E-04	7.98E-11	3.99E-04	9.55E-06	7.03E-06	1.96E-05	6.44E-05	3.81E-04	6.09E-06	1.38E-04	6.99E-03	6.47E-04	8.33E-03
622	SG_622	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.500	4.26E-02	8.54E-02	Not Modelled	2.62E-02	3.95E-05	3.01E-02	4.26E-03	8.53E-04	8.53E-11	4.27E-04	1.02E-05	7.52E-06	2.09E-05	6.89E-05	4.07E-04	6.51E-06	1.47E-04	7.47E-03	6.92E-04	8.90E-03
623	SG_623	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.500	4.62E-02	9.25E-02	Not Modelled	2.82E-02	4.27E-05	3.32E-02	4.62E-03	9.24E-04	9.24E-11	4.62E-04	1.11E-05	8.14E-06	2.27E-05	7.46E-05	4.41E-04	7.05E-06	1.59E-04	8.09E-03	7.49E-04	9.64E-03
624	SG_624	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.500	5.17E-02	1.03E-01	Not Modelled	3.16E-02	4.78E-05	3.82E-02	5.17E-03	1.03E-03	1.03E-10	5.17E-04	1.24E-05	9.11E-06	2.53E-05	8.35E-05	4.94E-04	7.89E-06	1.78E-04	9.05E-03	8.39E-04	1.08E-02
625	SG_625	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.500	5.75E-02	1.15E-01	Not Modelled	3.54E-02	5.32E-05	4.38E-02	5.75E-03	1.15E-03	1.15E-10	5.76E-04	1.38E-05	1.01E-05	2.82E-05	9.29E-05	5.49E-04	8.79E-06	1.98E-04	1.01E-02	9.34E-04	1.20E-02
626	SG_626	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.500	6.04E-02	1.21E-01	Not Modelled	3.67E-02	5.60E-05	4.61E-02	6.05E-03	1.21E-03	1.21E-10	6.05E-04	1.45E-05	1.07E-05	2.97E-05	9.76E-05	5.77E-04	9.23E-06	2.08E-04	1.06E-02	9.81E-04	1.26E-02
627	SG_627	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.500	6.48E-02	1.30E-01	Not Modelled	3.93E-02	6.00E-05	5.02E-02	6.49E-03	1.30E-03	1.30E-10	6.49E-04	1.55E-05	1.14E-05	3.18E-05	1.05E-04	6.19E-04	9.90E-06	2.24E-04	1.14E-02	1.05E-03	1.35E-02

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 2 RECREATIONAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.258**	**0.517**	**0.000**	**0.119**	**0.000**	**0.204**	**0.026**	**0.005**	**0.000**	**0.003**	**0.000**	**0.000**	**0.000**	**0.000**	**0.002**	**0.000**	**0.001**	**0.045**	**0.004**	**0.054**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**SG_397**	**SG_397**	**#N/A**	**NG_783**	**SG_397**	**NG_783**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**381.500**	**381.500**	**#N/A**	**378.814**	**381.500**	**378.814**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**
						Y	**6366.900**	**6366.900**	**#N/A**	**6367.557**	**6366.900**	**6367.557**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**
652	SG_652	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.700	4.04E-02	8.10E-02	Not Modelled	2.55E-02	3.74E-05	2.78E-02	4.04E-03	8.09E-04	8.09E-11	4.05E-04	9.68E-06	7.13E-06	1.98E-05	6.53E-05	3.86E-04	6.17E-06	1.39E-04	7.08E-03	6.56E-04	8.44E-03
653	SG_653	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.700	4.23E-02	8.48E-02	Not Modelled	2.64E-02	3.92E-05	2.95E-02	4.24E-03	8.47E-04	8.47E-11	4.24E-04	1.01E-05	7.47E-06	2.08E-05	6.84E-05	4.05E-04	6.47E-06	1.46E-04	7.42E-03	6.87E-04	8.84E-03
654	SG_654	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.700	4.52E-02	9.05E-02	Not Modelled	2.81E-02	4.18E-05	3.20E-02	4.52E-03	9.04E-04	9.04E-11	4.52E-04	1.08E-05	7.96E-06	2.22E-05	7.30E-05	4.31E-04	6.90E-06	1.56E-04	7.91E-03	7.33E-04	9.43E-03
655	SG_655	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.700	4.81E-02	9.63E-02	Not Modelled	2.99E-02	4.45E-05	3.47E-02	4.81E-03	9.62E-04	9.62E-11	4.81E-04	1.15E-05	8.48E-06	2.36E-05	7.77E-05	4.59E-04	7.35E-06	1.66E-04	8.42E-03	7.80E-04	1.00E-02
656	SG_656	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.700	5.10E-02	1.02E-01	Not Modelled	3.18E-02	4.72E-05	3.76E-02	5.11E-03	1.02E-03	1.02E-10	5.11E-04	1.22E-05	9.00E-06	2.50E-05	8.24E-05	4.87E-04	7.80E-06	1.76E-04	8.94E-03	8.28E-04	1.07E-02
657	SG_657	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.700	5.49E-02	1.10E-01	Not Modelled	3.46E-02	5.08E-05	4.16E-02	5.49E-03	1.10E-03	1.10E-10	5.49E-04	1.31E-05	9.68E-06	2.69E-05	8.87E-05	5.24E-04	8.38E-06	1.89E-04	9.61E-03	8.91E-04	1.15E-02
658	SG_658	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.700	5.87E-02	1.18E-01	Not Modelled	3.74E-02	5.43E-05	4.56E-02	5.87E-03	1.17E-03	1.17E-10	5.87E-04	1.40E-05	1.03E-05	2.88E-05	9.48E-05	5.61E-04	8.96E-06	2.02E-04	1.03E-02	9.52E-04	1.23E-02
659	SG_659	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6368.700	6.15E-02	1.23E-01	Not Modelled	3.93E-02	5.70E-05	4.82E-02	6.16E-03	1.23E-03	1.23E-10	6.16E-04	1.47E-05	1.09E-05	3.02E-05	9.94E-05	5.88E-04	9.40E-06	2.12E-04	1.08E-02	9.99E-04	1.29E-02
683	SG_683	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.900	3.94E-02	7.89E-02	Not Modelled	2.52E-02	3.65E-05	2.65E-02	3.94E-03	7.88E-04	7.88E-11	3.94E-04	9.43E-06	6.94E-06	1.93E-05	6.36E-05	3.76E-04	6.02E-06	1.36E-04	6.90E-03	6.39E-04	8.22E-03
684	SG_684	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.900	4.24E-02	8.50E-02	Not Modelled	2.73E-02	3.93E-05	2.94E-02	4.24E-03	8.48E-04	8.48E-11	4.24E-04	1.02E-05	7.48E-06	2.08E-05	6.85E-05	4.05E-04	6.48E-06	1.46E-04	7.43E-03	6.88E-04	8.85E-03
685	SG_685	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.900	4.50E-02	9.03E-02	Not Modelled	2.91E-02	4.17E-05	3.21E-02	4.51E-03	9.01E-04	9.01E-11	4.51E-04	1.08E-05	7.94E-06	2.21E-05	7.28E-05	4.30E-04	6.88E-06	1.55E-04	7.89E-03	7.31E-04	9.41E-03
686	SG_686	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.900	4.61E-02	9.24E-02	Not Modelled	2.98E-02	4.27E-05	3.33E-02	4.61E-03	9.22E-04	9.22E-11	4.61E-04	1.10E-05	8.13E-06	2.26E-05	7.45E-05	4.40E-04	7.04E-06	1.59E-04	8.07E-03	7.48E-04	9.63E-03
687	SG_687	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.900	4.75E-02	9.53E-02	Not Modelled	3.09E-02	4.40E-05	3.50E-02	4.76E-03	9.51E-04	9.51E-11	4.76E-04	1.14E-05	8.39E-06	2.33E-05	7.68E-05	4.54E-04	7.26E-06	1.64E-04	8.33E-03	7.72E-04	9.93E-03
688	SG_688	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.900	4.96E-02	9.93E-02	Not Modelled	3.23E-02	4.59E-05	3.71E-02	4.96E-03	9.92E-04	9.92E-11	4.96E-04	1.19E-05	8.74E-06	2.43E-05	8.01E-05	4.74E-04	7.57E-06	1.71E-04	8.68E-03	8.05E-04	1.04E-02
689	SG_689	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.900	5.13E-02	1.03E-01	Not Modelled	3.33E-02	4.75E-05	3.86E-02	5.13E-03	1.03E-03	1.03E-10	5.13E-04	1.23E-05	9.04E-06	2.52E-05	8.28E-05	4.90E-04	7.83E-06	1.77E-04	8.98E-03	8.32E-04	1.07E-02
690	SG_690	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6368.900	5.47E-02	1.10E-01	Not Modelled	3.51E-02	5.06E-05	4.10E-02	5.47E-03	1.09E-03	1.09E-10	5.47E-04	1.31E-05	9.64E-06	2.68E-05	8.84E-05	5.22E-04	8.35E-06	1.89E-04	9.58E-03	8.88E-04	1.14E-02
691	SG_691	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6368.900	6.22E-02	1.25E-01	Not Modelled	3.89E-02	5.76E-05	4.60E-02	6.22E-03	1.24E-03	1.24E-10	6.23E-04	1.49E-05	1.10E-05	3.05E-05	1.01E-04	5.94E-04	9.50E-06	2.15E-04	1.09E-02	1.01E-03	1.30E-02
692	SG_692	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6368.900	7.65E-02	1.53E-01	Not Modelled	4.63E-02	7.08E-05	5.61E-02	7.65E-03	1.53E-03	1.53E-10	7.65E-04	1.83E-05	1.35E-05	3.75E-05	1.24E-04	7.30E-04	1.17E-05	2.64E-04	1.34E-02	1.24E-03	1.60E-02
693	SG_693	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6368.900	9.40E-02	1.88E-01	Not Modelled	5.53E-02	8.70E-05	6.88E-02	9.40E-03	1.88E-03	1.88E-10	9.40E-04	2.25E-05	1.66E-05	4.61E-05	1.52E-04	8.98E-04	1.44E-05	3.24E-04	1.65E-02	1.53E-03	1.96E-02
714	SG_714	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.100	3.85E-02	7.71E-02	Not Modelled	2.53E-02	3.56E-05	2.56E-02	3.85E-03	7.70E-04	7.70E-11	3.85E-04	9.21E-06	6.78E-06	1.89E-05	6.21E-05	3.67E-04	5.88E-06	1.33E-04	6.74E-03	6.24E-04	8.03E-03
715	SG_715	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.100	4.03E-02	8.08E-02	Not Modelled	2.67E-02	3.73E-05	2.76E-02	4.03E-03	8.07E-04	8.07E-11	4.04E-04	9.65E-06	7.11E-06	1.98E-05	6.51E-05	3.85E-04	6.16E-06	1.39E-04	7.06E-03	6.54E-04	8.42E-03
716	SG_716	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.100	4.13E-02	8.28E-02	Not Modelled	2.76E-02	3.83E-05	2.90E-02	4.13E-03	8.27E-04	8.27E-11	4.14E-04	9.89E-06	7.29E-06	2.03E-05	6.68E-05	3.95E-04	6.31E-06	1.43E-04	7.24E-03	6.71E-04	8.63E-03
717	SG_717	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.100	4.28E-02	8.57E-02	Not Modelled	2.86E-02	3.96E-05	3.06E-02	4.28E-03	8.56E-04	8.56E-11	4.28E-04	1.02E-05	7.54E-06	2.10E-05	6.91E-05	4.09E-04	6.53E-06	1.48E-04	7.49E-03	6.94E-04	8.93E-03
718	SG_718	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.100	4.44E-02	8.90E-02	Not Modelled	2.98E-02	4.11E-05	3.23E-02	4.44E-03	8.89E-04	8.89E-11	4.45E-04	1.06E-05	7.83E-06	2.18E-05	7.18E-05	4.24E-04	6.79E-06	1.53E-04	7.78E-03	7.21E-04	9.27E-03
719	SG_719	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.100	4.54E-02	9.10E-02	Not Modelled	3.02E-02	4.21E-05	3.31E-02	4.54E-03	9.09E-04	9.09E-11	4.55E-04	1.09E-05	8.01E-06	2.23E-05	7.34E-05	4.34E-04	6.94E-06	1.57E-04	7.96E-03	7.37E-04	9.49E-03
720	SG_720	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.100	4.95E-02	9.92E-02	Not Modelled	3.24E-02	4.58E-05	3.60E-02	4.95E-03	9.90E-04	9.90E-11	4.95E-04	1.18E-05	8.73E-06	2.43E-05	7.99E-05	4.73E-04	7.56E-06	1.71E-04	8.67E-03	8.03E-04	1.03E-02
721	SG_721	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6369.100	5.40E-02	1.08E-01	Not Modelled	3.42E-02	5.00E-05	3.85E-02	5.41E-03	1.08E-03	1.08E-10	5.41E-04	1.29E-05	9.53E-06	2.65E-05	8.73E-05	5.16E-04	8.26E-06	1.86E-04	9.47E-03	8.77E-04	1.13E-02
722	SG_722	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6369.100	6.32E-02	1.27E-01	Not Modelled	3.87E-02	5.85E-05	4.44E-02	6.32E-03	1.26E-03	1.26E-10	6.33E-04	1.51E-05	1.11E-05	3.10E-05	1.02E-04	6.04E-04	9.65E-06	2.18E-04	1.11E-02	1.03E-03	1.32E-02
723	SG_723	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6369.100	7.59E-02	1.52E-01	Not Modelled	4.52E-02	7.03E-05	5.33E-02	7.59E-03	1.52E-03	1.52E-10	7.60E-04	1.82E-05	1.34E-05	3.72E-05	1.23E-04	7.25E-04	1.16E-05	2.62E-04	1.33E-02	1.23E-03	1.58E-02
724	SG_724	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6369.100	9.28E-02	1.86E-01	Not Modelled	5.45E-02	8.59E-05	6.58E-02	9.28E-03	1.86E-03	1.86E-10	9.29E-04	2.22E-05	1.64E-05	4.55E-05	1.50E-04	8.86E-04	1.42E-05	3.20E-04	1.63E-02	1.51E-03	1.94E-02
725	SG_725	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6369.100	1.05E-01	2.11E-01	Not Modelled	6.13E-02	9.75E-05	7.57E-02	1.05E-02	2.11E-03	2.11E-10	1.05E-03	2.52E-05	1.86E-05	5.17E-05	1.70E-04	1.01E-03	1.61E-05	3.63E-04	1.85E-02	1.71E-03	2.20E-02
745	SG_745	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.300	3.78E-02	7.57E-02	Not Modelled	2.57E-02	3.50E-05	2.50E-02	3.78E-03	7.56E-04	7.56E-11	3.78E-04	9.05E-06	6.66E-06	1.85E-05	6.10E-05	3.61E-04	5.77E-06	1.30E-04	6.62E-03	6.13E-04	7.89E-03
746	SG_746	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.300	3.71E-02	7.43E-02	Not Modelled	2.53E-02	3.43E-05	2.49E-02	3.71E-03	7.42E-04	7.42E-11	3.71E-04	8.88E-06	6.54E-06	1.82E-05	5.99E-05	3.54E-04	5.67E-06	1.28E-04	6.50E-03	6.02E-04	7.75E-03
747	SG_747	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.300	3.80E-02	7.62E-02	Not Modelled	2.60E-02	3.52E-05	2.61E-02	3.80E-03	7.61E-04	7.61E-11	3.81E-04	9.10E-06	6.71E-06	1.87E-05	6.14E-05	3.63E-04	5.81E-06	1.31E-04	6.66E-03	6.17E-04	7.94E-03
748	SG_748	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.300	3.89E-02	7.79E-02	Not Modelled	2.65E-02	3.60E-05	2.70E-02	3.89E-03	7.78E-04	7.78E-11	3.89E-04	9.30E-06	6.85E-06	1.91E-05	6.28E-05	3.71E-04	5.94E-06	1.34E-04	6.81E-03	6.31E-04	8.12E-03
749	SG_749	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.300	4.16E-02	8.33E-02	Not Modelled	2.83E-02	3.85E-05	2.93E-02	4.16E-03	8.32E-04	8.32E-11	4.16E-04	9.95E-06	7.33E-06	2.04E-05	6.72E-05	3.97E-04	6.35E-06	1.43E-04	7.28E-03	6.75E-04	8.68E-03
750	SG_750	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.300	4.35E-02	8.72E-02	Not Modelled	2.89E-02	4.03E-05	3.03E-02	4.35E-03	8.70E-04	8.70E-11	4.35E-04	1.04E-05	7.67E-06	2.13E-05	7.03E-05	4.16E-04	6.65E-06	1.50E-04	7.62E-03	7.06E-04	9.08E-03
751	SG_751	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.300	4.84E-02	9.70E-02	Not Modelled	3.12E-02	4.48E-05	3.33E-02	4.84E-03	9.68E-04	9.68E-11	4.84E-04	1.16E-05	8.53E-06	2.37E-05	7.82E-05	4.62E-04	7.39E-06	1.67E-04	8.48E-03	7.85E-04	1.01E-02
752	SG_752	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6369.300	5.46E-02	1.09E-01	Not Modelled	3.38E-02	5.06E-05	3.70E-02	5.47E-03	1.09E-03	1.09E-10	5.47E-04	1.31E-05	9.64E-06	2.68E-05	8.83E-05	5.22E-04	8.35E-06	1.88E-04	9.57E-03	8.87E-04	1.14E-02
753	SG_753	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6369.300	6.56E-02	1.32E-01	Not Modelled	3.96E-02	6.08E-05	4.44E-02	6.57E-03	1.31E-03	1.31E-10	6.57E-04	1.57E-05	1.16E-05	3.22E-05	1.06E-04	6.27E-04	1.00E-05	2.26E-04	1.15E-02	1.07E-03	1.37E-02
754	SG_754	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6369.300	7.83E-02	1.57E-01	Not Modelled	4.64E-02	7.25E-05	5.34E-02	7.83E-03	1.57E-03	1.57E-10	7.83E-04	1.87E-05	1.38E-05	3.84E-05	1.26E-04	7.48E-04	1.20E-05	2.70E-04	1.37E-02	1.27E-03	1.63E-02
755	SG_755	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6369.300	8.85E-02	1.77E-01	Not Modelled	5.19E-02	8.19E-05	6.11E-02	8.85E-03	1.77E-03	1.77E-10	8.85E-04	2.12E-05	1.56E-05	4.34E-05	1.43E-04	8.45E-04	1.35E-05	3.05E-04	1.55E-02	1.44E-03	1.85E-02
756	SG_756	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6369.300	9.53E-02	1.91E-01	Not Modelled	5.59E-02	8.82E-05	6.69E-02	9.53E-03	1.91E-03	1.91E-10	9.53E-04	2.28E-05	1.68E-05	4.67E-05	1.54E-04	9.10E-04	1.46E-05	3.29E-04	1.67E-02	1.55E-03	1.99E-02
757	SG_757	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.300	9.53E-02	1.91E-01	Not Modelled	5.59E-02	8.82E-05	6.79E-02	9.53E-03	1.91E-03	1.91E-10	9.53E-04	2.28E-05	1.68E-05	4.67E-05	1.54E-04	9.10E-04	1.46E-05	3.29E-04	1.67E-02	1.55E-03	1.99E-02
776	SG_776	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.500	3.59E-02	7.21E-02	Not Modelled	2.50E-02	3.33E-05	2.33E-02	3.60E-03	7.19E-04	7.19E-11	3.60E-04	8.61E-06	6.34E-06	1.76E-05	5.81E-05	3.44E-04	5.49E-06	1.24E-04	6.30E-03	5.84E-04	7.51E-03
777	SG_777	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.500	3.57E-02	7.15E-02	Not Modelled	2.49E-02	3.30E-05	2.35E-02	3.57E-03	7.14E-04	7.14E-11	3.57E-04	8.54E-06	6.29E-06	1.75E-05	5.76E-05	3.41E-04	5.45E-06	1.23E-04	6.25E-03	5.79E-04	7.45E-03
778	SG_778	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.500	3.55E-02	7.12E-02	Not Modelled	2.46E-02	3.29E-05	2.36E-02	3.55E-03	7.10E-04	7.10E-11	3.55E-04	8.50E-06	6.26E-06	1.74E-05	5.74E-05	3.39E-04	5.42E-06	1.22E-04	6.22E-03	5.76E-04	7.41E-03
779	SG_779	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.500	3.69E-02	7.41E-02	Not Modelled	2.54E-02	3.42E-05	2.47E-02	3.70E-03	7.39E-04	7.39E-11	3.70E-04	8.84E-06	6.51E-06	1.81E-05	5.97E-05	3.53E-04	5.64E-06	1.27E-04	6.47E-03	6.00E-04	7.71E-03
780	SG_780	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.500	3.97E-02	7.97E-02	Not Modelled	2.68E-02	3.68E-05	2.66E-02	3.98E-03	7.95E-04	7.95E-11	3.98E-04	9.51E-06	7.01E-06	1.95E-05	6.42E-05	3.80E-04	6.07E-06	1.37E-04	6.96E-03	6.45E-04	8.30E-03
781	SG_781	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.500	4.33E-02	8.67E-02	Not Modelled	2.83E-02	4.01E-05	2.86E-02	4.33E-03	8.66E-04	8.66E-11	4.33E-04	1.04E-05	7.63E-06	2.12E-05	6.99E-05	4.13E-04	6.61E-06	1.49E-04	7.58E-03	7.02E-04	9.03E-03
782	SG_782	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.500	4.93E-02	9.88E-02	Not Modelled	3.11E-02	4.56E-05	3.22E-02	4.93E-03	9.87E-04	9.87E-11	4.94E-04	1.18E-05	8.70E-06	2.42E-05	7.97E-05	4.71E-04	7.53E-06	1.70E-04	8.64E-03	8.00E-04	1.03E-02
783	SG_783	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6369.500	5.58E-02	1.12E-01	Not Modelled	3.40E-02	5.16E-05	3.63E-02	5.58E-03	1.12E-03	1.12E-10	5.58E-04	1.33E-05	9.83E-06	2.74E-05	9.01E-05	5.33E-04	8.52E-06	1.92E-04	9.77E-03	9.05E-04	1.16E-02
784	SG_784	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6369.500	6.57E-02	1.32E-01	Not Modelled	3.93E-02	6.08E-05	4.31E-02	6.57E-03	1.31E-03	1.31E-10	6.58E-04	1.57E-05	1.16E-05	3.22E-05	1.06E-04	6.28E-04	1.00E-05	2.27E-04	1.15E-02	1.07E-03	1.37E-02
785	SG_785	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6369.500	7.62E-02	1.53E-01	Not Modelled	4.50E-02	7.05E-05	5.07E-02	7.62E-03	1.52E-03	1.52E-10	7.62E-04	1.82E-05	1.34E-05	3.74E-05	1.23E-04	7.28E-04	1.16E-05	2.63E-04	1.33E-02	1.24E-03	1.59E-02
786	SG_786	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6369.500	8.44E-02	1.69E-01	Not Modelled	4.98E-02	7.82E-05	5.71E-02	8.45E-03	1.69E-03	1.69E-10	8.45E-04	2.02E-05	1.49E-05	4.14E-05	1.36E-04	8.07E-04	1.29E-05	2.91E-04	1.48E-02	1.37E-03	1.76E-02
787	SG_787	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6369.500	8.59E-02	1.72E-01	Not Modelled	5.07E-02	7.95E-05	5.88E-02	8.59E-03	1.72E-03	1.72E-10	8.60E-04	2.06E-05	1.51E-05	4.21E-05	1.39E-04	8.21E-04	1.31E-05	2.96E-04	1.50E-02	1.39E-03	1.79E-02
788	SG_788	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.500	8.12E-02	1.63E-01	Not Modelled	4.78E-02	7.51E-05	5.63E-02	8.12E-03	1.62E-03	1.62E-10	8.12E-04	1.94E-05	1.43E-05	3.98E-05	1.31E-04	7.75E-04	1.24E-05	2.80E-04	1.42E-02	1.32E-03	1.69E-02
807	SG_807	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.700	3.50E-02	7.01E-02	Not Modelled	2.48E-02	3.24E-05	2.22E-02	3.50E-03	7.00E-04	7.00E-11	3.50E-04	8.37E-06	6.17E-06	1.72E-05	5.65E-05	3.34E-04	5.34E-06	1.21E-04	6.13E-03	5.68E-04	7.30E-03
808	SG_808	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.700	3.33E-02	6.67E-02	Not Modelled	2.33E-02	3.08E-05	2.10E-02	3.33E-03	6.66E-04	6.66E-11	3.33E-04	7.97E-06	5.87E-06	1.63E-05	5.38E-05	3.18E-04	5.08E-06	1.15E-04	5.83E-03	5.40E-04	6.95E-03
809	SG_809	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.700	3.38E-02	6.77E-02	Not Modelled	2.34E-02	3.13E-05	2.15E-02	3.38E-03	6.76E-04	6.76E-11	3.38E-04	8.08E-06	5.96E-06	1.66E-05	5.46E-05	3.23E-04	5.16E-06	1.17E-04	5.92E-03	5.48E-04	7.05E-03
810	SG_810	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.700	3.51E-02	7.04E-02	Not Modelled	2.38E-02	3.25E-05	2.22E-02	3.51E-03	7.02E-04	7.02E-11	3.51E-04	8.40E-06	6.19E-06	1.72E-05	5.67E-05	3.35E-04	5.36E-06	1.21E-04	6.15E-03	5.70E-04	7.33E-03
811	SG_811	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.700	3.76E-02	7.54E-02	Not Modelled	2.47E-02	3.48E-05	2.36E-02	3.76E-03	7.53E-04	7.53E-11	3.77E-04	9.01E-06	6.64E-06	1.85E-05	6.08E-05	3.59E-04	5.75E-06	1.30E-04	6.59E-03	6.11E-04	7.86E-03
812	SG_812	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.700	4.31E-02	8.65E-02	Not Modelled	2.75E-02	3.99E-05	2.70E-02	4.32E-03	8.63E-04	8.63E-11	4.32E-04	1.03E-05	7.61E-06	2.12E-05	6.97E-05	4.12E-04	6.59E-06	1.49E-04	7.56E-03	7.00E-04	9.01E-03
813	SG_813	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.700	4.89E-02	9.80E-02	Not Modelled	3.02E-02	4.53E-05	3.05E-02	4.89E-03	9.78E-04	9.78E-11	4.89E-04	1.17E-05	8.62E-06	2.40E-05	7.90E-05	4.67E-04	7.47E-06	1.69E-04	8.57E-03	7.94E-04	1.02E-02
819	SG_819	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.700	7.14E-02	1.43E-01	Not Modelled	4.23E-02	6.61E-05	4.84E-02	7.14E-03	1.43E-03	1.43E-10	7.14E-04	1.71E-05	1.26E-05	3.50E-05	1.15E-04	6.82E-04	1.09E-05	2.46E-04	1.25E-02	1.16E-03	1.49E-02
820	SG_820	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6369.700	6.49E-02	1.30E-01	Not Modelled	3.80E-02	6.00E-05	4.42E-02	6.49E-03	1.30E-03	1.30E-10	6.49E-04	1.55E-05	1.14E-05	3.18E-05	1.05E-04	6.20E-04	9.91E-06	2.24E-04	1.14E-02	1.05E-03	1.35E-02
850	SG_850	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.900	6.28E-02	1.26E-01	Not Modelled	3.74E-02	5.82E-05	4.16E-02	6.29E-03	1.26E-03	1.26E-10	6.29E-04	1.50E-05	1.11E-05	3.08E-05	1.02E-04	6.00E-04	9.60E-06	2.17E-04	1.10E-02	1.02E-03	1.31E-02
851	SG_851	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6369.900	5.66E-02	1.13E-01	Not Modelled	3.32E-02	5.24E-05	3.76E-02	5.66E-03	1.13E-03	1.13E-10	5.66E-04	1.36E-05	9.98E-06	2.78E-05	9.14E-05	5.41E-04	8.65E-06	1.95E-04	9.91E-03	9.19E-04	1.18E-02
881	SG_881	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6370.100	5.69E-02	1.14E-01	Not Modelled	3.40E-02	5.26E-05	3.69E-02	5.69E-03	1.14E-03	1.14E-10	5.69E-04	1.36E-05	1.00E-05	2.79E-05	9.19E-05	5.43E-04	8.69E-06	1.96E-04	9.96E-03	9.23E-04	1.19E-02
882	SG_882	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6370.100	4.99E-02	9.99E-02	Not Modelled	2.93E-02	4.62E-05	3.22E-02	4.99E-03	9.98E-04	9.98E-11	4.99E-04	1.19E-05	8.79E-06	2.45E-05	8.06E-05	4.76E-04	7.62E-06	1.72E-04	8.73E-03	8.09E-04	1.04E-02
883	SG_883	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6370.100	4.35E-02	8.72E-02	Not Modelled	2.48E-02	4.03E-05	2.74E-02	4.35E-03	8.70E-04	8.70E-11	4.35E-04	1.04E-05	7.67E-06	2.13E-05	7.03E-05	4.15E-04	6.64E-06	1.50E-04	7.62E-03	7.06E-04	9.08E-03
884	SG_884	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6370.100	3.84E-02	7.70E-02	Not Modelled	2.13E-02	3.55E-05	2.35E-02	3.84E-03	7.68E-04	7.68E-11	3.84E-04	9.19E-06	6.77E-06	1.88E-05	6.20E-05	3.67E-04	5.86E-06	1.32E-04	6.72E-03	6.23E-04	8.02E-03
911	SG_911	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6370.300	5.54E-02	1.11E-01	Not Modelled	3.33E-02	5.13E-05	3.45E-02	5.54E-03	1.11E-03	1.11E-10	5.55E-04	1.33E-05	9.77E-06	2.72E-05	8.95E-05	5.29E-04	8.47E-06	1.91E-04	9.71E-03	9.00E-04	1.16E-02
912	SG_912	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6370.300	5.03E-02	1.01E-01	Not Modelled	3.02E-02	4.65E-05	3.18E-02	5.03E-03	1.01E-03	1.01E-10	5.03E-04	1.20E-05	8.86E-06	2.47E-05	8.12E-05	4.80E-04	7.68E-06	1.73E-04	8.80E-03	8.16E-04	1.05E-02
913	SG_913	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6370.300	4.45E-02	8.93E-02	Not Modelled	2.63E-02	4.12E-05	2.80E-02	4.45E-03	8.91E-04	8.91E-11	4.46E-04	1.07E-05	7.85E-06	2.18E-05	7.19E-05	4.25E-04	6.80E-06	1.54E-04	7.80E-03	7.23E-04	9.30E-03
914	SG_914	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6370.300	3.82E-02	7.66E-02	Not Modelled	2.20E-02	3.54E-05	2.34E-02	3.82E-03	7.65E-04	7.65E-11	3.82E-04	9.15E-06	6.74E-06	1.88E-05	6.17E-05	3.65E-04	5.84E-06	1.32E-04	6.69E-03	6.20E-04	7.98E-03
915	SG_915	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6370.300	3.40E-02	6.81E-02	Not Modelled	1.90E-02	3.15E-05	2.03E-02	3.40E-03	6.80E-04	6.80E-11	3.40E-04	8.13E-06	5.99E-06	1.67E-05	5.49E-05	3.25E-04	5.19E-06	1.17E-04	5.95E-03	5.51E-04	7.09E-03
916	SG_916	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6370.300	3.15E-02	6.32E-02	Not Modelled	1.75E-02	2.92E-05	1.87E-02	3.15E-03	6.30E-04	6.30E-11	3.15E-04	7.54E-06	5.56E-06	1.55E-05	5.09E-05	3.01E-04	4.81E-06	1.09E-04	5.52E-03	5.11E-04	6.58E-03
941	SG_941	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6370.500	5.43E-02	1.09E-01	Not Modelled	3.29E-02	5.03E-05	3.25E-02	5.43E-03	1.09E-03	1.09E-10	5.43E-04	1.30E-05	9.58E-06	2.66E-05	8.77E-05	5.19E-04	8.29E-06	1.87E-04	9.51E-03	8.81E-04	1.13E-02
942	SG_942	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6370.500	4.98E-02	1.00E-01	Not Modelled	3.02E-02	4.62E-05	3.04E-02	4.99E-03	9.98E-04	9.98E-11	4.99E-04	1.19E-05	8.79E-06	2.45E-05	8.06E-05	4.76E-04	7.62E-06	1.72E-04	8.73E-03	8.09E-04	1.04E-02
943	SG_943	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6370.500	4.43E-02	8.89E-02	Not Modelled	2.67E-02	4.11E-05	2.73E-02	4.44E-03	8.88E-04	8.88E-11	4.44E-04	1.06E-05	7.82E-06	2.18E-05	7.17E-05	4.24E-04	6.78E-06	1.53E-04	7.77E-03	7.20E-04	9.26E-03
944	SG_944	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6370.500	3.93E-02	7.89E-02	Not Modelled	2.33E-02	3.64E-05	2.41E-02	3.94E-03	7.87E-04	7.87E-11	3.94E-04	9.42E-06	6.94E-06	1.93E-05	6.36E-05	3.76E-04	6.01E-06	1.36E-04	6.89E-03	6.39E-04	8.22E-03
945	SG_945	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6370.500	3.40E-02	6.83E-02	Not Modelled	1.97E-02	3.15E-05	2.03E-02	3.41E-03	6.81E-04	6.81E-11	3.41E-04	8.15E-06	6.00E-06	1.67E-05	5.50E-05	3.25E-04	5.20E-06	1.17E-04	5.96E-03	5.53E-04	7.11E-03
946	SG_946	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6370.500	3.04E-02	6.10E-02	Not Modelled	1.72E-02	2.82E-05	1.77E-02	3.04E-03	6.08E-04	6.08E-11	3.04E-04	7.28E-06	5.36E-06	1.49E-05	4.91E-05	2.91E-04	4.65E-06	1.05E-04	5.33E-03	4.94E-04	6.35E-03
947	SG_947	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6370.500	2.81E-02	5.63E-02	Not Modelled	1.57E-02	2.60E-05	1.62E-02	2.81E-03	5.61E-04	5.62E-11	2.81E-04	6.72E-06	4.95E-06	1.38E-05	4.53E-05	2.68E-04	4.29E-06	9.68E-05	4.92E-03	4.56E-04	5.86E-03

AQIA DATA - SCENARIO 2 RECREATIONAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.258**	**0.517**	**0.000**	**0.119**	**0.000**	**0.204**	**0.026**	**0.005**	**0.000**	**0.003**	**0.000**	**0.000**	**0.000**	**0.000**	**0.002**	**0.000**	**0.001**	**0.045**	**0.004**	**0.054**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**SG_397**	**SG_397**	**#N/A**	**NG_783**	**SG_397**	**NG_783**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**381.500**	**381.500**	**#N/A**	**378.814**	**381.500**	**378.814**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**
						Y	**6366.900**	**6366.900**	**#N/A**	**6367.557**	**6366.900**	**6367.557**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**
948	SG_948	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6370.500	2.81E-02	5.64E-02	Not Modelled	1.59E-02	2.60E-05	1.64E-02	2.81E-03	5.63E-04	5.63E-11	2.81E-04	6.73E-06	4.96E-06	1.38E-05	4.54E-05	2.69E-04	4.30E-06	9.70E-05	4.93E-03	4.56E-04	5.87E-03
958	SG_958	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6370.500	2.98E-02	5.98E-02	Not Modelled	1.62E-02	2.76E-05	1.45E-02	2.98E-03	5.96E-04	5.96E-11	2.98E-04	7.14E-06	5.26E-06	1.46E-05	4.82E-05	2.85E-04	4.55E-06	1.03E-04	5.22E-03	4.84E-04	6.23E-03
959	SG_959	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6370.500	2.80E-02	5.61E-02	Not Modelled	1.53E-02	2.59E-05	1.35E-02	2.80E-03	5.60E-04	5.60E-11	2.80E-04	6.70E-06	4.94E-06	1.37E-05	4.52E-05	2.67E-04	4.28E-06	9.66E-05	4.90E-03	4.54E-04	5.85E-03
960	SG_960	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6370.500	2.70E-02	5.42E-02	Not Modelled	1.49E-02	2.50E-05	1.30E-02	2.71E-03	5.41E-04	5.41E-11	2.71E-04	6.47E-06	4.77E-06	1.33E-05	4.37E-05	2.58E-04	4.13E-06	9.33E-05	4.74E-03	4.39E-04	5.65E-03
961	SG_961	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6370.500	2.64E-02	5.29E-02	Not Modelled	1.47E-02	2.44E-05	1.26E-02	2.64E-03	5.28E-04	5.28E-11	2.64E-04	6.31E-06	4.65E-06	1.29E-05	4.26E-05	2.52E-04	4.03E-06	9.10E-05	4.62E-03	4.28E-04	5.51E-03
962	SR_1	Sensitive Receptor	Recreational	Offsite	378.382	6370.479	5.77E-02	1.16E-01	Not Modelled	3.51E-02	5.34E-05	3.40E-02	5.77E-03	1.15E-03	1.15E-10	5.78E-04	1.38E-05	1.02E-05	2.83E-05	9.33E-05	5.51E-04	8.82E-06	1.99E-04	1.01E-02	9.37E-04	1.21E-02
963	SR_2	Sensitive Receptor	Recreational	Offsite	378.782	6370.266	5.95E-02	1.19E-01	Not Modelled	3.58E-02	5.51E-05	3.68E-02	5.96E-03	1.19E-03	1.19E-10	5.96E-04	1.43E-05	1.05E-05	2.92E-05	9.62E-05	5.69E-04	9.10E-06	2.05E-04	1.04E-02	9.66E-04	1.24E-02
964	SR_3	Sensitive Receptor	Recreational	Offsite	378.972	6369.893	6.80E-02	1.36E-01	Not Modelled	4.06E-02	6.30E-05	4.47E-02	6.80E-03	1.36E-03	1.36E-10	6.81E-04	1.63E-05	1.20E-05	3.34E-05	1.10E-04	6.50E-04	1.04E-05	2.35E-04	1.19E-02	1.10E-03	1.42E-02
965	SR_4	Sensitive Receptor	Recreational	Offsite	378.815	6369.579	8.37E-02	1.68E-01	Not Modelled	4.95E-02	7.75E-05	5.65E-02	8.37E-03	1.67E-03	1.67E-10	8.38E-04	2.00E-05	1.48E-05	4.11E-05	1.35E-04	8.00E-04	1.28E-05	2.89E-04	1.47E-02	1.36E-03	1.75E-02
966	SR_5	Sensitive Receptor	Recreational	Offsite	378.619	6369.367	8.37E-02	1.68E-01	Not Modelled	4.93E-02	7.75E-05	5.71E-02	8.38E-03	1.68E-03	1.68E-10	8.38E-04	2.00E-05	1.48E-05	4.11E-05	1.35E-04	8.00E-04	1.28E-05	2.89E-04	1.47E-02	1.36E-03	1.75E-02
967	SR_6	Sensitive Receptor	Recreational	Offsite	378.352	6369.171	6.72E-02	1.35E-01	Not Modelled	4.05E-02	6.22E-05	4.65E-02	6.72E-03	1.34E-03	1.34E-10	6.72E-04	1.61E-05	1.18E-05	3.30E-05	1.09E-04	6.42E-04	1.03E-05	2.32E-04	1.18E-02	1.09E-03	1.40E-02
968	SR_7	Sensitive Receptor	Recreational	Offsite	378.046	6369.006	5.25E-02	1.05E-01	Not Modelled	3.39E-02	4.86E-05	3.86E-02	5.26E-03	1.05E-03	1.05E-10	5.26E-04	1.26E-05	9.27E-06	2.58E-05	8.49E-05	5.02E-04	8.03E-06	1.81E-04	9.20E-03	8.53E-04	1.10E-02
969	SR_8	Sensitive Receptor	Recreational	Offsite	377.732	6368.896	4.99E-02	1.00E-01	Not Modelled	3.26E-02	4.62E-05	3.74E-02	5.00E-03	9.99E-04	9.99E-11	5.00E-04	1.20E-05	8.81E-06	2.45E-05	8.07E-05	4.77E-04	7.63E-06	1.72E-04	8.75E-03	8.11E-04	1.04E-02
970	SR_9	Sensitive Receptor	Recreational	Offsite	377.425	6368.786	4.89E-02	9.80E-02	Not Modelled	3.10E-02	4.53E-05	3.58E-02	4.89E-03	9.78E-04	9.78E-11	4.89E-04	1.17E-05	8.62E-06	2.40E-05	7.90E-05	4.67E-04	7.47E-06	1.69E-04	8.56E-03	7.94E-04	1.02E-02
971	SR_10	Sensitive Receptor	Recreational	Offsite	377.064	6368.660	4.48E-02	8.98E-02	Not Modelled	2.78E-02	4.15E-05	3.17E-02	4.48E-03	8.97E-04	8.97E-11	4.49E-04	1.07E-05	7.91E-06	2.20E-05	7.24E-05	4.28E-04	6.85E-06	1.55E-04	7.85E-03	7.28E-04	9.36E-03
972	SR_11	Sensitive Receptor	Recreational	Offsite	376.781	6368.472	4.13E-02	8.27E-02	Not Modelled	2.55E-02	3.82E-05	2.91E-02	4.13E-03	8.26E-04	8.26E-11	4.13E-04	9.88E-06	7.28E-06	2.03E-05	6.67E-05	3.94E-04	6.31E-06	1.42E-04	7.23E-03	6.70E-04	8.62E-03
973	SR_12	Sensitive Receptor	Recreational	Offsite	376.648	6368.197	3.89E-02	7.79E-02	Not Modelled	2.38E-02	3.60E-05	2.77E-02	3.89E-03	7.78E-04	7.78E-11	3.89E-04	9.31E-06	6.86E-06	1.91E-05	6.28E-05	3.71E-04	5.94E-06	1.34E-04	6.81E-03	6.31E-04	8.12E-03
974	SR_13	Sensitive Receptor	Recreational	Offsite	376.719	6367.859	3.84E-02	7.69E-02	Not Modelled	2.24E-02	3.56E-05	2.73E-02	3.84E-03	7.68E-04	7.68E-11	3.84E-04	9.19E-06	6.77E-06	1.88E-05	6.20E-05	3.67E-04	5.87E-06	1.32E-04	6.73E-03	6.23E-04	8.02E-03
975	SR_14	Sensitive Receptor	Recreational	Offsite	376.883	6367.624	4.23E-02	8.48E-02	Not Modelled	2.36E-02	3.92E-05	3.02E-02	4.23E-03	8.47E-04	8.47E-11	4.24E-04	1.01E-05	7.46E-06	2.08E-05	6.84E-05	4.04E-04	6.47E-06	1.46E-04	7.41E-03	6.87E-04	8.84E-03
976	SR_15	Sensitive Receptor	Recreational	Offsite	377.135	6367.428	4.96E-02	9.93E-02	Not Modelled	2.68E-02	4.59E-05	3.61E-02	4.96E-03	9.92E-04	9.92E-11	4.96E-04	1.19E-05	8.74E-06	2.43E-05	8.01E-05	4.74E-04	7.57E-06	1.71E-04	8.69E-03	8.05E-04	1.04E-02
977	SR_16	Sensitive Receptor	Recreational	Offsite	377.402	6367.239	5.71E-02	1.14E-01	Not Modelled	3.03E-02	5.29E-05	4.28E-02	5.72E-03	1.14E-03	1.14E-10	5.72E-04	1.37E-05	1.01E-05	2.80E-05	9.23E-05	5.46E-04	8.73E-06	1.97E-04	1.00E-02	9.28E-04	1.19E-02
978	SR_17	Sensitive Receptor	Recreational	Offsite	377.622	6367.058	6.22E-02	1.25E-01	Not Modelled	3.17E-02	5.76E-05	4.54E-02	6.22E-03	1.24E-03	1.24E-10	6.23E-04	1.49E-05	1.10E-05	3.05E-05	1.01E-04	5.94E-04	9.50E-06	2.15E-04	1.09E-02	1.01E-03	1.30E-02
979	SR_18	Sensitive Receptor	Recreational	Offsite	377.849	6366.846	8.10E-02	1.62E-01	Not Modelled	3.81E-02	7.51E-05	5.39E-02	8.11E-03	1.62E-03	1.62E-10	8.11E-04	1.94E-05	1.43E-05	3.98E-05	1.31E-04	7.74E-04	1.24E-05	2.80E-04	1.42E-02	1.32E-03	1.69E-02
980	SR_19	Sensitive Receptor	Recreational	Offsite	378.101	6366.642	1.07E-01	2.14E-01	Not Modelled	4.99E-02	9.88E-05	6.78E-02	1.07E-02	2.14E-03	2.14E-10	1.07E-03	2.55E-05	1.88E-05	5.24E-05	1.72E-04	1.02E-03	1.63E-05	3.68E-04	1.87E-02	1.73E-03	2.23E-02
981	SR_20	Sensitive Receptor	Recreational	Offsite	378.376	6366.477	1.01E-01	2.02E-01	Not Modelled	5.25E-02	9.36E-05	6.94E-02	1.01E-02	2.02E-03	2.02E-10	1.01E-03	2.42E-05	1.78E-05	4.96E-05	1.63E-04	9.66E-04	1.54E-05	3.49E-04	1.77E-02	1.64E-03	2.11E-02
982	SR_21	Sensitive Receptor	Recreational	Offsite	378.713	6366.399	7.98E-02	1.60E-01	Not Modelled	4.33E-02	7.40E-05	5.85E-02	7.99E-03	1.60E-03	1.60E-10	8.00E-04	1.91E-05	1.41E-05	3.92E-05	1.29E-04	7.63E-04	1.22E-05	2.75E-04	1.40E-02	1.30E-03	1.67E-02
983	SR_22	Sensitive Receptor	Recreational	Offsite	379.059	6366.469	7.09E-02	1.42E-01	Not Modelled	3.70E-02	6.56E-05	5.33E-02	7.09E-03	1.42E-03	1.42E-10	7.10E-04	1.70E-05	1.25E-05	3.48E-05	1.15E-04	6.77E-04	1.08E-05	2.44E-04	1.24E-02	1.15E-03	1.48E-02
984	SR_23	Sensitive Receptor	Recreational	Offsite	379.373	6366.532	6.31E-02	1.26E-01	Not Modelled	3.07E-02	5.85E-05	4.71E-02	6.32E-03	1.26E-03	1.26E-10	6.32E-04	1.51E-05	1.11E-05	3.10E-05	1.02E-04	6.03E-04	9.64E-06	2.18E-04	1.11E-02	1.03E-03	1.32E-02
985	SR_24	Sensitive Receptor	Recreational	Offsite	379.648	6366.477	7.00E-02	1.40E-01	Not Modelled	3.04E-02	6.48E-05	4.73E-02	7.00E-03	1.40E-03	1.40E-10	7.00E-04	1.67E-05	1.23E-05	3.43E-05	1.13E-04	6.68E-04	1.07E-05	2.41E-04	1.23E-02	1.14E-03	1.46E-02
986	SR_25	Sensitive Receptor	Recreational	Offsite	379.930	6366.391	9.35E-02	1.87E-01	Not Modelled	3.72E-02	8.66E-05	5.66E-02	9.36E-03	1.87E-03	1.87E-10	9.36E-04	2.24E-05	1.65E-05	4.59E-05	1.51E-04	8.94E-04	1.43E-05	3.23E-04	1.64E-02	1.52E-03	1.95E-02
987	SR_26	Sensitive Receptor	Recreational	Offsite	380.221	6366.289	1.12E-01	2.23E-01	Not Modelled	4.22E-02	1.03E-04	6.09E-02	1.12E-02	2.23E-03	2.23E-10	1.12E-03	2.67E-05	1.97E-05	5.47E-05	1.80E-04	1.07E-03	1.70E-05	3.85E-04	1.95E-02	1.81E-03	2.33E-02
988	SR_27	Sensitive Receptor	Recreational	Offsite	380.512	6366.202	1.38E-01	2.77E-01	Not Modelled	4.95E-02	1.28E-04	6.76E-02	1.39E-02	2.77E-03	2.77E-10	1.39E-03	3.32E-05	2.44E-05	6.79E-05	2.24E-04	1.32E-03	2.12E-05	4.78E-04	2.43E-02	2.25E-03	2.89E-02
989	SR_28	Sensitive Receptor	Recreational	Offsite	380.810	6366.108	1.60E-01	3.21E-01	Not Modelled	5.51E-02	1.48E-04	7.19E-02	1.60E-02	3.21E-03	3.21E-10	1.60E-03	3.84E-05	2.83E-05	7.87E-05	2.59E-04	1.53E-03	2.45E-05	5.53E-04	2.81E-02	2.60E-03	3.35E-02
990	SR_29	Sensitive Receptor	Recreational	Offsite	381.108	6365.983	1.61E-01	3.22E-01	Not Modelled	5.51E-02	1.49E-04	6.86E-02	1.61E-02	3.21E-03	3.21E-10	1.61E-03	3.84E-05	2.83E-05	7.88E-05	2.59E-04	1.53E-03	2.45E-05	5.54E-04	2.81E-02	2.61E-03	3.35E-02
991	SR_30	Sensitive Receptor	Recreational	Offsite	381.367	6365.771	1.44E-01	2.88E-01	Not Modelled	4.96E-02	1.33E-04	5.90E-02	1.44E-02	2.88E-03	2.88E-10	1.44E-03	3.44E-05	2.54E-05	7.06E-05	2.32E-04	1.37E-03	2.20E-05	4.96E-04	2.52E-02	2.33E-03	3.00E-02
992	SR_31	Sensitive Receptor	Recreational	Offsite	381.470	6365.394	1.05E-01	2.10E-01	Not Modelled	3.62E-02	9.69E-05	4.09E-02	1.05E-02	2.09E-03	2.09E-10	1.05E-03	2.51E-05	1.85E-05	5.14E-05	1.69E-04	1.00E-03	1.60E-05	3.61E-04	1.83E-02	1.70E-03	2.19E-02
993	SR_32	Sensitive Receptor	Recreational	Offsite	381.564	6365.134	8.40E-02	1.69E-01	Not Modelled	2.95E-02	7.79E-05	3.21E-02	8.42E-03	1.68E-03	1.68E-10	8.42E-04	2.01E-05	1.48E-05	4.13E-05	1.36E-04	8.04E-04	1.29E-05	2.90E-04	1.47E-02	1.37E-03	1.76E-02
994	SR_33	Sensitive Receptor	Recreational	Offsite	381.713	6364.852	7.13E-02	1.43E-01	Not Modelled	2.55E-02	6.62E-05	2.67E-02	7.15E-03	1.43E-03	1.43E-10	7.16E-04	1.71E-05	1.26E-05	3.51E-05	1.16E-04	6.83E-04	1.09E-05	2.47E-04	1.25E-02	1.16E-03	1.49E-02
995	SR_34	Sensitive Receptor	Recreational	Offsite	382.051	6364.600	7.33E-02	1.47E-01	Not Modelled	2.63E-02	6.81E-05	2.64E-02	7.36E-03	1.47E-03	1.47E-10	7.36E-04	1.76E-05	1.30E-05	3.61E-05	1.19E-04	7.03E-04	1.12E-05	2.54E-04	1.29E-02	1.19E-03	1.54E-02
996	SR_35	Sensitive Receptor	Recreational	Offsite	377.700	6366.509	8.42E-02	1.69E-01	Not Modelled	3.90E-02	7.81E-05	5.06E-02	8.44E-03	1.69E-03	1.69E-10	8.44E-04	2.02E-05	1.49E-05	4.14E-05	1.36E-04	8.06E-04	1.29E-05	2.91E-04	1.48E-02	1.37E-03	1.76E-02
997	SR_36	Sensitive Receptor	Recreational	Offsite	377.606	6366.124	7.02E-02	1.41E-01	Not Modelled	3.51E-02	6.51E-05	4.13E-02	7.04E-03	1.41E-03	1.41E-10	7.04E-04	1.68E-05	1.24E-05	3.45E-05	1.14E-04	6.72E-04	1.07E-05	2.43E-04	1.23E-02	1.14E-03	1.47E-02
998	SR_37	Sensitive Receptor	Recreational	Offsite	377.465	6365.771	5.41E-02	1.09E-01	Not Modelled	2.89E-02	5.02E-05	3.12E-02	5.42E-03	1.08E-03	1.08E-10	5.43E-04	1.30E-05	9.56E-06	2.66E-05	8.76E-05	5.18E-04	8.28E-06	1.87E-04	9.49E-03	8.80E-04	1.13E-02
999	SR_38	Sensitive Receptor	Recreational	Offsite	377.527	6365.409	3.87E-02	7.78E-02	Not Modelled	2.18E-02	3.59E-05	2.22E-02	3.88E-03	7.76E-04	7.76E-11	3.88E-04	9.28E-06	6.84E-06	1.90E-05	6.27E-05	3.71E-04	5.93E-06	1.34E-04	6.80E-03	6.30E-04	8.10E-03
1000	SR_39	Sensitive Receptor	Recreational	Offsite	377.739	6365.150	3.23E-02	6.48E-02	Not Modelled	1.85E-02	2.99E-05	1.88E-02	3.23E-03	6.47E-04	6.47E-11	3.24E-04	7.73E-06	5.70E-06	1.59E-05	5.22E-05	3.09E-04	4.94E-06	1.11E-04	5.66E-03	5.25E-04	6.75E-03
1001	SR_40	Sensitive Receptor	Recreational	Offsite	377.959	6364.883	2.35E-02	4.73E-02	Not Modelled	1.34E-02	2.18E-05	1.33E-02	2.36E-03	4.71E-04	4.71E-11	2.36E-04	5.64E-06	4.16E-06	1.16E-05	3.81E-05	2.25E-04	3.60E-06	8.12E-05	4.13E-03	3.83E-04	4.92E-03
1002	SR_41	Sensitive Receptor	Recreational	Offsite	378.234	6364.553	1.86E-02	3.73E-02	Not Modelled	1.04E-02	1.72E-05	1.01E-02	1.86E-03	3.72E-04	3.72E-11	1.86E-04	4.45E-06	3.28E-06	9.13E-06	3.01E-05	1.78E-04	2.84E-06	6.42E-05	3.26E-03	3.02E-04	3.89E-03
1003	SR_42	Sensitive Receptor	Recreational	Offsite	377.951	6365.331	3.26E-02	6.54E-02	Not Modelled	1.84E-02	3.02E-05	1.93E-02	3.26E-03	6.52E-04	6.52E-11	3.26E-04	7.80E-06	5.75E-06	1.60E-05	5.27E-05	3.11E-04	4.98E-06	1.12E-04	5.71E-03	5.29E-04	6.81E-03
1004	SR_43	Sensitive Receptor	Recreational	Offsite	377.959	6366.344	8.70E-02	1.74E-01	Not Modelled	4.30E-02	8.06E-05	5.41E-02	8.71E-03	1.74E-03	1.74E-10	8.72E-04	2.08E-05	1.54E-05	4.27E-05	1.41E-04	8.32E-04	1.33E-05	3.00E-04	1.53E-02	1.41E-03	1.82E-02
1005	SR_44	Sensitive Receptor	Recreational	Offsite	377.975	6365.841	5.03E-02	1.01E-01	Not Modelled	2.77E-02	4.66E-05	3.14E-02	5.04E-03	1.01E-03	1.01E-10	5.04E-04	1.21E-05	8.88E-06	2.47E-05	8.14E-05	4.81E-04	7.69E-06	1.74E-04	8.82E-03	8.18E-04	1.05E-02
1006	SR_45	Sensitive Receptor	Recreational	Offsite	379.271	6366.934	1.63E-01	3.27E-01	Not Modelled	8.49E-02	1.51E-04	1.38E-01	1.63E-02	3.27E-03	3.27E-10	1.63E-03	3.91E-05	2.88E-05	8.01E-05	2.64E-04	1.56E-03	2.49E-05	5.63E-04	2.86E-02	2.65E-03	3.41E-02
1007	SR_46	Sensitive Receptor	Recreational	Offsite	379.247	6366.890	1.47E-01	2.95E-01	Not Modelled	7.66E-02	1.36E-04	1.23E-01	1.47E-02	2.94E-03	2.94E-10	1.47E-03	3.52E-05	2.60E-05	7.22E-05	2.38E-04	1.41E-03	2.25E-05	5.07E-04	2.58E-02	2.39E-03	3.07E-02
1008	SR_47	Sensitive Receptor	Recreational	Offsite	379.315	6366.905	1.46E-01	2.91E-01	Not Modelled	7.45E-02	1.35E-04	1.22E-01	1.46E-02	2.91E-03	2.91E-10	1.46E-03	3.48E-05	2.57E-05	7.14E-05	2.35E-04	1.39E-03	2.22E-05	5.02E-04	2.55E-02	2.36E-03	3.04E-02
1009	SR_48	Sensitive Receptor	Recreational	Offsite	379.288	6366.857	1.32E-01	2.65E-01	Not Modelled	6.79E-02	1.22E-04	1.10E-01	1.32E-02	2.65E-03	2.65E-10	1.32E-03	3.17E-05	2.33E-05	6.49E-05	2.14E-04	1.26E-03	2.02E-05	4.56E-04	2.32E-02	2.15E-03	2.76E-02
1010	SR_49	Sensitive Receptor	Recreational	Offsite	379.357	6366.872	1.30E-01	2.61E-01	Not Modelled	6.56E-02	1.21E-04	1.08E-01	1.30E-02	2.61E-03	2.61E-10	1.30E-03	3.12E-05	2.30E-05	6.39E-05	2.11E-04	1.24E-03	1.99E-05	4.49E-04	2.28E-02	2.12E-03	2.72E-02
1011	SR_50	Sensitive Receptor	Recreational	Offsite	379.321	6366.819	1.17E-01	2.35E-01	Not Modelled	5.94E-02	1.09E-04	9.56E-02	1.17E-02	2.35E-03	2.35E-10	1.17E-03	2.81E-05	2.07E-05	5.76E-05	1.90E-04	1.12E-03	1.79E-05	4.05E-04	2.06E-02	1.90E-03	2.45E-02
1305	NG_1	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.607	1.18E-01	2.36E-01	Not Modelled	6.29E-02	1.09E-04	8.79E-02	1.18E-02	2.35E-03	2.35E-10	1.18E-03	2.82E-05	2.07E-05	5.77E-05	1.90E-04	1.12E-03	1.80E-05	4.06E-04	2.06E-02	1.91E-03	2.46E-02
1306	NG_2	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.607	1.15E-01	2.30E-01	Not Modelled	6.18E-02	1.06E-04	8.69E-02	1.15E-02	2.30E-03	2.30E-10	1.15E-03	2.75E-05	2.03E-05	5.64E-05	1.86E-04	1.10E-03	1.76E-05	3.96E-04	2.01E-02	1.87E-03	2.40E-02
1307	NG_3	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.607	1.11E-01	2.23E-01	Not Modelled	6.01E-02	1.03E-04	8.50E-02	1.12E-02	2.23E-03	2.23E-10	1.12E-03	2.67E-05	1.97E-05	5.47E-05	1.80E-04	1.06E-03	1.70E-05	3.84E-04	1.95E-02	1.81E-03	2.33E-02
1308	NG_4	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.607	1.08E-01	2.15E-01	Not Modelled	5.80E-02	9.96E-05	8.25E-02	1.08E-02	2.15E-03	2.15E-10	1.08E-03	2.57E-05	1.90E-05	5.27E-05	1.74E-04	1.03E-03	1.64E-05	3.71E-04	1.88E-02	1.75E-03	2.24E-02
1309	NG_5	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.607	1.03E-01	2.06E-01	Not Modelled	5.54E-02	9.53E-05	7.92E-02	1.03E-02	2.06E-03	2.06E-10	1.03E-03	2.46E-05	1.81E-05	5.05E-05	1.66E-04	9.82E-04	1.57E-05	3.55E-04	1.80E-02	1.67E-03	2.15E-02
1310	NG_6	Nested Grid - 50m	Parks/ Recreation	Offsite	378.914	6366.607	9.81E-02	1.97E-01	Not Modelled	5.27E-02	9.09E-05	7.57E-02	9.82E-03	1.96E-03	1.96E-10	9.82E-04	2.35E-05	1.73E-05	4.81E-05	1.59E-04	9.37E-04	1.50E-05	3.38E-04	1.72E-02	1.59E-03	2.05E-02
1311	NG_7	Nested Grid - 50m	Parks/ Recreation	Offsite	378.964	6366.607	9.43E-02	1.89E-01	Not Modelled	5.04E-02	8.73E-05	7.30E-02	9.43E-03	1.89E-03	1.89E-10	9.44E-04	2.26E-05	1.66E-05	4.63E-05	1.52E-04	9.01E-04	1.44E-05	3.25E-04	1.65E-02	1.53E-03	1.97E-02
1312	NG_8	Nested Grid - 50m	Parks/ Recreation	Offsite	379.014	6366.607	9.07E-02	1.82E-01	Not Modelled	4.82E-02	8.40E-05	7.03E-02	9.07E-03	1.81E-03	1.81E-10	9.08E-04	2.17E-05	1.60E-05	4.45E-05	1.47E-04	8.66E-04	1.38E-05	3.13E-04	1.59E-02	1.47E-03	1.89E-02
1313	NG_9	Nested Grid - 50m	Parks/ Recreation	Offsite	379.064	6366.607	8.74E-02	1.75E-01	Not Modelled	4.60E-02	8.09E-05	6.77E-02	8.74E-03	1.75E-03	1.75E-10	8.75E-04	2.09E-05	1.54E-05	4.29E-05	1.41E-04	8.35E-04	1.33E-05	3.01E-04	1.53E-02	1.42E-03	1.83E-02
1314	NG_10	Nested Grid - 50m	Parks/ Recreation	Offsite	379.114	6366.607	8.42E-02	1.69E-01	Not Modelled	4.38E-02	7.80E-05	6.51E-02	8.42E-03	1.68E-03	1.68E-10	8.43E-04	2.02E-05	1.49E-05	4.13E-05	1.36E-04	8.04E-04	1.29E-05	2.90E-04	1.47E-02	1.37E-03	1.76E-02
1315	NG_11	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.607	8.17E-02	1.64E-01	Not Modelled	4.20E-02	7.56E-05	6.30E-02	8.17E-03	1.63E-03	1.63E-10	8.17E-04	1.95E-05	1.44E-05	4.01E-05	1.32E-04	7.80E-04	1.25E-05	2.82E-04	1.43E-02	1.33E-03	1.71E-02
1316	NG_12	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.607	7.93E-02	1.59E-01	Not Modelled	4.04E-02	7.34E-05	6.11E-02	7.93E-03	1.59E-03	1.59E-10	7.94E-04	1.90E-05	1.40E-05	3.89E-05	1.28E-04	7.58E-04	1.21E-05	2.73E-04	1.39E-02	1.29E-03	1.66E-02
1317	NG_13	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.607	7.66E-02	1.53E-01	Not Modelled	3.86E-02	7.09E-05	5.88E-02	7.66E-03	1.53E-03	1.53E-10	7.67E-04	1.83E-05	1.35E-05	3.76E-05	1.24E-04	7.31E-04	1.17E-05	2.64E-04	1.34E-02	1.24E-03	1.60E-02
1318	NG_14	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.607	7.38E-02	1.48E-01	Not Modelled	3.67E-02	6.84E-05	5.65E-02	7.39E-03	1.48E-03	1.48E-10	7.39E-04	1.77E-05	1.30E-05	3.62E-05	1.19E-04	7.05E-04	1.13E-05	2.55E-04	1.29E-02	1.20E-03	1.54E-02
1319	NG_15	Nested Grid - 50m	Parks/ Recreation	Offsite	379.364	6366.607	7.18E-02	1.44E-01	Not Modelled	3.52E-02	6.65E-05	5.47E-02	7.18E-03	1.44E-03	1.44E-10	7.19E-04	1.72E-05	1.27E-05	3.52E-05	1.16E-04	6.86E-04	1.10E-05	2.48E-04	1.26E-02	1.17E-03	1.50E-02
1320	NG_16	Nested Grid - 50m	Parks/ Recreation	Offsite	379.414	6366.607	7.11E-02	1.42E-01	Not Modelled	3.44E-02	6.59E-05	5.38E-02	7.12E-03	1.42E-03	1.42E-10	7.12E-04	1.70E-05	1.25E-05	3.49E-05	1.15E-04	6.79E-04	1.09E-05	2.45E-04	1.25E-02	1.15E-03	1.49E-02
1321	NG_17	Nested Grid - 50m	Parks/ Recreation	Offsite	379.464	6366.607	7.15E-02	1.43E-01	Not Modelled	3.39E-02	6.62E-05	5.34E-02	7.15E-03	1.43E-03	1.43E-10	7.16E-04	1.71E-05	1.26E-05	3.51E-05	1.16E-04	6.83E-04	1.09E-05	2.47E-04	1.25E-02	1.16E-03	1.49E-02
1322	NG_18	Nested Grid - 50m	Parks/ Recreation	Offsite	379.514	6366.607	7.35E-02	1.47E-01	Not Modelled	3.41E-02	6.81E-05	5.41E-02	7.36E-03	1.47E-03	1.47E-10	7.36E-04	1.76E-05	1.30E-05	3.61E-05	1.19E-04	7.02E-04	1.12E-05	2.54E-04	1.29E-02	1.19E-03	1.54E-02
1323	NG_19	Nested Grid - 50m	Parks/ Recreation	Offsite	379.564	6366.607	7.70E-02	1.54E-01	Not Modelled	3.49E-02	7.13E-05	5.55E-02	7.71E-03	1.54E-03	1.54E-10	7.71E-04	1.84E-05	1.36E-05	3.78E-05	1.24E-04	7.36E-04	1.18E-05	2.66E-04	1.35E-02	1.25E-03	1.61E-02
1324	NG_20	Nested Grid - 50m	Parks/ Recreation	Offsite	379.614	6366.607	8.32E-02	1.67E-01	Not Modelled	3.67E-02	7.71E-05	5.86E-02	8.33E-03	1.67E-03	1.67E-10	8.33E-04	1.99E-05	1.47E-05	4.08E-05	1.34E-04	7.95E-04	1.27E-05	2.87E-04	1.46E-02	1.35E-03	1.74E-02
1325	NG_21	Nested Grid - 50m	Parks/ Recreation	Offsite	379.664	6366.607	9.17E-02	1.84E-01	Not Modelled	3.94E-02	8.49E-05	6.32E-02	9.17E-03	1.83E-03	1.83E-10	9.18E-04	2.20E-05	1.62E-05	4.50E-05	1.48E-04	8.76E-04	1.40E-05	3.16E-04	1.61E-02	1.49E-03	1.91E-02
1326	NG_22	Nested Grid - 50m	Parks/ Recreation	Offsite	379.714	6366.607	1.02E-01	2.05E-01	Not Modelled	4.30E-02	9.45E-05	6.90E-02	1.02E-02	2.04E-03	2.04E-10	1.02E-03	2.45E-05	1.80E-05	5.01E-05	1.65E-04	9.76E-04	1.56E-05	3.52E-04	1.79E-02	1.66E-03	2.13E-02
1346	NG_42	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.657	1.26E-01	2.52E-01	Not Modelled	6.62E-02	1.17E-04	9.33E-02	1.26E-02	2.52E-03	2.52E-10	1.26E-03	3.01E-05	2.22E-05	6.17E-05	2.03E-04	1.20E-03	1.92E-05	4.34E-04	2.20E-02	2.04E-03	2.63E-02
1347	NG_43	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.657	1.23E-01	2.46E-01	Not Modelled	6.52E-02	1.14E-04	9.24E-02	1.23E-02	2.46E-03	2.46E-10	1.23E-03	2.94E-05	2.17E-05	6.04E-05	1.99E-04	1.18E-03	1.88E-05	4.24E-04	2.16E-02	2.00E-03	2.57E-02
1348	NG_44	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.657	1.20E-01	2.40E-01	Not Modelled	6.40E-02	1.11E-04	9.11E-02	1.20E-02	2.40E-03	2.40E-10	1.20E-03	2.87E-05	2.12E-05	5.89E-05	1.94E-04	1.15E-03	1.83E-05	4.14E-04	2.10E-02	1.95E-03	2.51E-02
1349	NG_45	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.657	1.16E-01	2.32E-01	Not Modelled	6.19E-02	1.07E-04	8.87E-02	1.16E-02	2.32E-03	2.32E-10	1.16E-03	2.77E-05	2.04E-05	5.68E-05	1.87E-04	1.11E-03	1.77E-05	3.99E-04	2.03E-02	1.88E-03	2.42E-02
1350	NG_46	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.657	1.10E-01	2.21E-01	Not Modelled	5.90E-02	1.02E-04	8.49E-02	1.10E-02	2.21E-03	2.21E-10	1.11E-03	2.64E-05	1.95E-05	5.42E-05	1.78E-04	1.05E-03	1.69E-05	3.81E-04	1.93E-02	1.79E-03	2.31E-02
1351	NG_47	Nested Grid - 50m	Parks/ Recreation	Offsite	378.914	6366.657	1.06E-01	2.12E-01	Not Modelled	5.64E-02	9.79E-05	8.16E-02	1.06E-02	2.12E-03	2.12E-10	1.06E-03	2.53E-05	1.86E-05	5.19E-05	1.71E-04	1.01E-03	1.61E-05	3.64E-04	1.85E-02	1.72E-03	2.21E-02
1352	NG_48	Nested Grid - 50m	Parks/ Recreation	Offsite	378.964	6366.657	1.02E-01	2.05E-01	Not Modelled	5.45E-02	9.48E-05	7.95E-02	1.02E-02	2.05E-03	2.05E-10	1.02E-03	2.45E-05	1.80E-05	5.02E-05	1.65E-04	9.77E-04	1.56E-05	3.53E-04	1.79E-02	1.66E-03	2.14E-02
1353	NG_49	Nested Grid - 50m	Parks/ Recreation	Offsite	379.014	6366.657	9.92E-02	1.99E-01	Not Modelled	5.27E-02	9.19E-05	7.75E-02	9.93E-03	1.99E-03	1.99E-10	9.93E-04	2.37E-05	1.75E-05	4.87E-05	1.60E-04	9.48E-04	1.52E-05	3.42E-04	1.74E-02	1.61E-03	2.07E-02

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 2 RECREATIONAL

							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
							Annual Average Pollutant Concentration (µg/m3) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.258**	**0.517**	**0.000**	**0.119**	**0.000**	**0.204**	**0.026**	**0.005**	**0.000**	**0.003**	**0.000**	**0.000**	**0.000**	**0.000**	**0.002**	**0.000**	**0.001**	**0.045**	**0.004**	**0.054**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**SG_397**	**SG_397**	**#N/A**	**NG_783**	**SG_397**	**NG_783**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**	**SG_397**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**381.500**	**381.500**	**#N/A**	**378.814**	**381.500**	**378.814**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**	**381.500**
						Y	**6366.900**	**6366.900**	**#N/A**	**6367.557**	**6366.900**	**6367.557**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**	**6366.900**
1354	NG_50	Nested Grid - 50m	Parks/ Recreation	Offsite	379.064	6366.657	9.57E-02	1.92E-01	Not Modelled	5.04E-02	8.86E-05	7.48E-02	9.57E-03	1.91E-03	1.91E-10	9.58E-04	2.29E-05	1.69E-05	4.69E-05	1.55E-04	9.14E-04	1.46E-05	3.30E-04	1.68E-02	1.55E-03	2.00E-02
1355	NG_51	Nested Grid - 50m	Parks/ Recreation	Offsite	379.114	6366.657	9.22E-02	1.85E-01	Not Modelled	4.81E-02	8.53E-05	7.19E-02	9.22E-03	1.84E-03	1.84E-10	9.23E-04	2.21E-05	1.63E-05	4.52E-05	1.49E-04	8.80E-04	1.41E-05	3.18E-04	1.61E-02	1.50E-03	1.92E-02
1356	NG_52	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.657	8.93E-02	1.79E-01	Not Modelled	4.62E-02	8.27E-05	6.97E-02	8.94E-03	1.79E-03	1.79E-10	8.94E-04	2.14E-05	1.58E-05	4.38E-05	1.44E-04	8.53E-04	1.36E-05	3.08E-04	1.56E-02	1.45E-03	1.86E-02
1357	NG_53	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.657	8.70E-02	1.74E-01	Not Modelled	4.45E-02	8.05E-05	6.79E-02	8.70E-03	1.74E-03	1.74E-10	8.71E-04	2.08E-05	1.53E-05	4.27E-05	1.41E-04	8.31E-04	1.33E-05	3.00E-04	1.52E-02	1.41E-03	1.82E-02
1358	NG_54	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.657	8.46E-02	1.69E-01	Not Modelled	4.28E-02	7.83E-05	6.60E-02	8.47E-03	1.69E-03	1.69E-10	8.47E-04	2.02E-05	1.49E-05	4.15E-05	1.37E-04	8.08E-04	1.29E-05	2.92E-04	1.48E-02	1.37E-03	1.77E-02
1359	NG_55	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.657	8.17E-02	1.64E-01	Not Modelled	4.09E-02	7.57E-05	6.36E-02	8.18E-03	1.64E-03	1.64E-10	8.18E-04	1.96E-05	1.44E-05	4.01E-05	1.32E-04	7.81E-04	1.25E-05	2.82E-04	1.43E-02	1.33E-03	1.71E-02
1360	NG_56	Nested Grid - 50m	Parks/ Recreation	Offsite	379.364	6366.657	7.95E-02	1.59E-01	Not Modelled	3.92E-02	7.36E-05	6.15E-02	7.95E-03	1.59E-03	1.59E-10	7.96E-04	1.90E-05	1.40E-05	3.90E-05	1.28E-04	7.59E-04	1.21E-05	2.74E-04	1.39E-02	1.29E-03	1.66E-02
1361	NG_57	Nested Grid - 50m	Parks/ Recreation	Offsite	379.414	6366.657	7.90E-02	1.58E-01	Not Modelled	3.84E-02	7.31E-05	6.08E-02	7.90E-03	1.58E-03	1.58E-10	7.91E-04	1.89E-05	1.39E-05	3.88E-05	1.28E-04	7.55E-04	1.21E-05	2.72E-04	1.38E-02	1.28E-03	1.65E-02
1362	NG_58	Nested Grid - 50m	Parks/ Recreation	Offsite	379.464	6366.657	8.05E-02	1.61E-01	Not Modelled	3.84E-02	7.45E-05	6.14E-02	8.05E-03	1.61E-03	1.61E-10	8.06E-04	1.93E-05	1.42E-05	3.95E-05	1.30E-04	7.69E-04	1.23E-05	2.78E-04	1.41E-02	1.31E-03	1.68E-02
1363	NG_59	Nested Grid - 50m	Parks/ Recreation	Offsite	379.514	6366.657	8.28E-02	1.66E-01	Not Modelled	3.87E-02	7.67E-05	6.22E-02	8.29E-03	1.66E-03	1.66E-10	8.29E-04	1.98E-05	1.46E-05	4.06E-05	1.34E-04	7.91E-04	1.27E-05	2.86E-04	1.45E-02	1.34E-03	1.73E-02
1364	NG_60	Nested Grid - 50m	Parks/ Recreation	Offsite	379.564	6366.657	8.65E-02	1.73E-01	Not Modelled	3.93E-02	8.01E-05	6.34E-02	8.65E-03	1.73E-03	1.73E-10	8.66E-04	2.07E-05	1.53E-05	4.24E-05	1.40E-04	8.26E-04	1.32E-05	2.98E-04	1.52E-02	1.40E-03	1.81E-02
1365	NG_61	Nested Grid - 50m	Parks/ Recreation	Offsite	379.614	6366.657	9.34E-02	1.87E-01	Not Modelled	4.13E-02	8.64E-05	6.68E-02	9.34E-03	1.87E-03	1.87E-10	9.34E-04	2.23E-05	1.65E-05	4.58E-05	1.51E-04	8.92E-04	1.43E-05	3.22E-04	1.63E-02	1.52E-03	1.95E-02
1387	NG_83	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.707	1.36E-01	2.72E-01	Not Modelled	7.03E-02	1.26E-04	1.00E-01	1.36E-02	2.72E-03	2.72E-10	1.36E-03	3.25E-05	2.40E-05	6.67E-05	2.20E-04	1.30E-03	2.08E-05	4.69E-04	2.38E-02	2.21E-03	2.84E-02
1388	NG_84	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.707	1.34E-01	2.68E-01	Not Modelled	6.99E-02	1.24E-04	1.00E-01	1.34E-02	2.68E-03	2.68E-10	1.34E-03	3.21E-05	2.36E-05	6.57E-05	2.16E-04	1.28E-03	2.05E-05	4.62E-04	2.35E-02	2.17E-03	2.80E-02
1389	NG_85	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.707	1.31E-01	2.61E-01	Not Modelled	6.87E-02	1.21E-04	9.87E-02	1.31E-02	2.61E-03	2.61E-10	1.31E-03	3.12E-05	2.30E-05	6.40E-05	2.11E-04	1.25E-03	1.99E-05	4.50E-04	2.29E-02	2.12E-03	2.73E-02
1390	NG_86	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.707	1.26E-01	2.52E-01	Not Modelled	6.65E-02	1.16E-04	9.59E-02	1.26E-02	2.51E-03	2.51E-10	1.26E-03	3.01E-05	2.22E-05	6.17E-05	2.03E-04	1.20E-03	1.92E-05	4.33E-04	2.20E-02	2.04E-03	2.62E-02
1391	NG_87	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.707	1.21E-01	2.42E-01	Not Modelled	6.41E-02	1.12E-04	9.31E-02	1.21E-02	2.42E-03	2.42E-10	1.21E-03	2.89E-05	2.13E-05	5.93E-05	1.95E-04	1.16E-03	1.85E-05	4.17E-04	2.12E-02	1.96E-03	2.53E-02
1393	NG_89	Nested Grid - 50m	Parks/ Recreation	Offsite	378.964	6366.707	1.13E-01	2.26E-01	Not Modelled	6.00E-02	1.05E-04	8.83E-02	1.13E-02	2.26E-03	2.26E-10	1.13E-03	2.71E-05	1.99E-05	5.55E-05	1.83E-04	1.08E-03	1.73E-05	3.90E-04	1.98E-02	1.84E-03	2.36E-02
1394	NG_90	Nested Grid - 50m	Parks/ Recreation	Offsite	379.014	6366.707	1.09E-01	2.18E-01	Not Modelled	5.77E-02	1.01E-04	8.56E-02	1.09E-02	2.18E-03	2.18E-10	1.09E-03	2.61E-05	1.92E-05	5.35E-05	1.76E-04	1.04E-03	1.67E-05	3.76E-04	1.91E-02	1.77E-03	2.28E-02
1395	NG_91	Nested Grid - 50m	Parks/ Recreation	Offsite	379.064	6366.707	1.05E-01	2.11E-01	Not Modelled	5.55E-02	9.76E-05	8.30E-02	1.05E-02	2.11E-03	2.11E-10	1.06E-03	2.52E-05	1.86E-05	5.17E-05	1.70E-04	1.01E-03	1.61E-05	3.63E-04	1.85E-02	1.71E-03	2.20E-02
1396	NG_92	Nested Grid - 50m	Parks/ Recreation	Offsite	379.114	6366.707	1.01E-01	2.03E-01	Not Modelled	5.30E-02	9.38E-05	7.99E-02	1.01E-02	2.03E-03	2.03E-10	1.01E-03	2.43E-05	1.79E-05	4.97E-05	1.64E-04	9.68E-04	1.55E-05	3.49E-04	1.77E-02	1.65E-03	2.12E-02
1397	NG_93	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.707	9.86E-02	1.97E-01	Not Modelled	5.11E-02	9.13E-05	7.79E-02	9.86E-03	1.97E-03	1.97E-10	9.87E-04	2.36E-05	1.74E-05	4.84E-05	1.59E-04	9.42E-04	1.51E-05	3.40E-04	1.73E-02	1.60E-03	2.06E-02
1398	NG_94	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.707	9.62E-02	1.93E-01	Not Modelled	4.94E-02	8.91E-05	7.61E-02	9.62E-03	1.92E-03	1.92E-10	9.63E-04	2.30E-05	1.70E-05	4.72E-05	1.55E-04	9.19E-04	1.47E-05	3.32E-04	1.68E-02	1.56E-03	2.01E-02
1399	NG_95	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.707	9.36E-02	1.87E-01	Not Modelled	4.76E-02	8.66E-05	7.40E-02	9.36E-03	1.87E-03	1.87E-10	9.37E-04	2.24E-05	1.65E-05	4.59E-05	1.51E-04	8.94E-04	1.43E-05	3.23E-04	1.64E-02	1.52E-03	1.95E-02
1400	NG_96	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.707	9.02E-02	1.81E-01	Not Modelled	4.53E-02	8.35E-05	7.11E-02	9.03E-03	1.81E-03	1.81E-10	9.03E-04	2.16E-05	1.59E-05	4.43E-05	1.46E-04	8.62E-04	1.38E-05	3.11E-04	1.58E-02	1.46E-03	1.88E-02
1401	NG_97	Nested Grid - 50m	Parks/ Recreation	Offsite	379.364	6366.707	8.82E-02	1.77E-01	Not Modelled	4.37E-02	8.17E-05	6.93E-02	8.82E-03	1.76E-03	1.76E-10	8.83E-04	2.11E-05	1.56E-05	4.33E-05	1.43E-04	8.43E-04	1.35E-05	3.04E-04	1.54E-02	1.43E-03	1.84E-02
1428	NG_124	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.757	1.46E-01	2.93E-01	Not Modelled	7.43E-02	1.36E-04	1.07E-01	1.46E-02	2.93E-03	2.93E-10	1.47E-03	3.50E-05	2.58E-05	7.18E-05	2.37E-04	1.40E-03	2.24E-05	5.05E-04	2.56E-02	2.38E-03	3.06E-02
1429	NG_125	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.757	1.45E-01	2.91E-01	Not Modelled	7.47E-02	1.35E-04	1.08E-01	1.46E-02	2.91E-03	2.91E-10	1.46E-03	3.48E-05	2.57E-05	7.14E-05	2.35E-04	1.39E-03	2.22E-05	5.02E-04	2.55E-02	2.36E-03	3.04E-02
1430	NG_126	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.757	1.43E-01	2.86E-01	Not Modelled	7.41E-02	1.32E-04	1.08E-01	1.43E-02	2.86E-03	2.86E-10	1.43E-03	3.42E-05	2.52E-05	7.01E-05	2.31E-04	1.36E-03	2.18E-05	4.93E-04	2.50E-02	2.32E-03	2.98E-02
1431	NG_127	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.757	1.39E-01	2.78E-01	Not Modelled	7.26E-02	1.29E-04	1.06E-01	1.39E-02	2.78E-03	2.78E-10	1.39E-03	3.32E-05	2.45E-05	6.82E-05	2.24E-04	1.33E-03	2.12E-05	4.79E-04	2.43E-02	2.26E-03	2.90E-02
1432	NG_128	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.757	1.35E-01	2.69E-01	Not Modelled	7.08E-02	1.25E-04	1.04E-01	1.35E-02	2.69E-03	2.69E-10	1.35E-03	3.22E-05	2.37E-05	6.60E-05	2.17E-04	1.29E-03	2.06E-05	4.64E-04	2.36E-02	2.18E-03	2.81E-02
1438	NG_134	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.757	1.10E-01	2.20E-01	Not Modelled	5.73E-02	1.02E-04	8.81E-02	1.10E-02	2.20E-03	2.20E-10	1.10E-03	2.63E-05	1.94E-05	5.40E-05	1.78E-04	1.05E-03	1.68E-05	3.79E-04	1.93E-02	1.79E-03	2.30E-02
1439	NG_135	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.757	1.07E-01	2.14E-01	Not Modelled	5.52E-02	9.90E-05	8.58E-02	1.07E-02	2.14E-03	2.14E-10	1.07E-03	2.56E-05	1.89E-05	5.25E-05	1.73E-04	1.02E-03	1.63E-05	3.69E-04	1.87E-02	1.74E-03	2.23E-02
1440	NG_136	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.757	1.04E-01	2.09E-01	Not Modelled	5.33E-02	9.67E-05	8.38E-02	1.04E-02	2.09E-03	2.09E-10	1.05E-03	2.50E-05	1.84E-05	5.12E-05	1.69E-04	9.97E-04	1.59E-05	3.60E-04	1.83E-02	1.69E-03	2.18E-02
1441	NG_137	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.757	1.01E-01	2.02E-01	Not Modelled	5.08E-02	9.34E-05	8.07E-02	1.01E-02	2.02E-03	2.02E-10	1.01E-03	2.42E-05	1.78E-05	4.95E-05	1.63E-04	9.64E-04	1.54E-05	3.48E-04	1.77E-02	1.64E-03	2.11E-02
1469	NG_165	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.807	1.56E-01	3.12E-01	Not Modelled	7.74E-02	1.44E-04	1.13E-01	1.56E-02	3.12E-03	3.12E-10	1.56E-03	3.73E-05	2.75E-05	7.65E-05	2.52E-04	1.49E-03	2.38E-05	5.37E-04	2.73E-02	2.53E-03	3.26E-02
1470	NG_166	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.807	1.56E-01	3.12E-01	Not Modelled	7.83E-02	1.44E-04	1.15E-01	1.56E-02	3.12E-03	3.12E-10	1.56E-03	3.73E-05	2.75E-05	7.65E-05	2.52E-04	1.49E-03	2.38E-05	5.37E-04	2.73E-02	2.53E-03	3.25E-02
1471	NG_167	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.807	1.55E-01	3.10E-01	Not Modelled	7.88E-02	1.43E-04	1.16E-01	1.55E-02	3.10E-03	3.10E-10	1.55E-03	3.71E-05	2.73E-05	7.60E-05	2.50E-04	1.48E-03	2.37E-05	5.34E-04	2.71E-02	2.51E-03	3.23E-02
1472	NG_168	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.807	1.54E-01	3.07E-01	Not Modelled	7.91E-02	1.42E-04	1.17E-01	1.54E-02	3.07E-03	3.07E-10	1.54E-03	3.67E-05	2.71E-05	7.53E-05	2.48E-04	1.47E-03	2.35E-05	5.30E-04	2.69E-02	2.49E-03	3.21E-02
1479	NG_175	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.807	1.24E-01	2.49E-01	Not Modelled	6.51E-02	1.15E-04	1.01E-01	1.24E-02	2.49E-03	2.49E-10	1.25E-03	2.98E-05	2.19E-05	6.11E-05	2.01E-04	1.19E-03	1.90E-05	4.29E-04	2.18E-02	2.02E-03	2.60E-02
1480	NG_176	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.807	1.22E-01	2.44E-01	Not Modelled	6.32E-02	1.13E-04	9.93E-02	1.22E-02	2.43E-03	2.43E-10	1.22E-03	2.91E-05	2.15E-05	5.97E-05	1.97E-04	1.16E-03	1.86E-05	4.19E-04	2.13E-02	1.97E-03	2.54E-02
1481	NG_177	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.807	1.18E-01	2.36E-01	Not Modelled	6.05E-02	1.09E-04	9.61E-02	1.18E-02	2.36E-03	2.36E-10	1.18E-03	2.82E-05	2.08E-05	5.79E-05	1.91E-04	1.13E-03	1.80E-05	4.07E-04	2.07E-02	1.91E-03	2.46E-02
1510	NG_206	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.857	1.65E-01	3.30E-01	Not Modelled	7.99E-02	1.52E-04	1.18E-01	1.65E-02	3.29E-03	3.29E-10	1.65E-03	3.94E-05	2.90E-05	8.08E-05	2.66E-04	1.57E-03	2.51E-05	5.68E-04	2.88E-02	2.67E-03	3.44E-02
1511	NG_207	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.857	1.67E-01	3.33E-01	Not Modelled	8.19E-02	1.54E-04	1.21E-01	1.67E-02	3.33E-03	3.33E-10	1.67E-03	3.98E-05	2.94E-05	8.17E-05	2.69E-04	1.59E-03	2.54E-05	5.74E-04	2.92E-02	2.70E-03	3.48E-02
1512	NG_208	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.857	1.68E-01	3.37E-01	Not Modelled	8.39E-02	1.56E-04	1.25E-01	1.68E-02	3.37E-03	3.37E-10	1.68E-03	4.03E-05	2.97E-05	8.26E-05	2.72E-04	1.61E-03	2.57E-05	5.80E-04	2.95E-02	2.73E-03	3.51E-02
1520	NG_216	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.857	1.42E-01	2.85E-01	Not Modelled	7.48E-02	1.32E-04	1.17E-01	1.42E-02	2.85E-03	2.85E-10	1.42E-03	3.41E-05	2.51E-05	6.98E-05	2.30E-04	1.36E-03	2.17E-05	4.91E-04	2.49E-02	2.31E-03	2.97E-02
1521	NG_217	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.857	1.38E-01	2.76E-01	Not Modelled	7.18E-02	1.27E-04	1.14E-01	1.38E-02	2.75E-03	2.75E-10	1.38E-03	3.29E-05	2.43E-05	6.75E-05	2.22E-04	1.31E-03	2.10E-05	4.75E-04	2.41E-02	2.23E-03	2.87E-02
1551	NG_247	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.907	1.73E-01	3.47E-01	Not Modelled	8.25E-02	1.61E-04	1.24E-01	1.73E-02	3.47E-03	3.47E-10	1.74E-03	4.15E-05	3.06E-05	8.50E-05	2.80E-04	1.66E-03	2.65E-05	5.98E-04	3.04E-02	2.81E-03	3.62E-02
1552	NG_248	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.907	1.78E-01	3.56E-01	Not Modelled	8.57E-02	1.65E-04	1.29E-01	1.78E-02	3.56E-03	3.56E-10	1.78E-03	4.26E-05	3.14E-05	8.73E-05	2.87E-04	1.70E-03	2.72E-05	6.13E-04	3.12E-02	2.89E-03	3.71E-02
1561	NG_257	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.907	1.63E-01	3.27E-01	Not Modelled	8.59E-02	1.51E-04	1.36E-01	1.63E-02	3.27E-03	3.27E-10	1.63E-03	3.91E-05	2.88E-05	8.01E-05	2.64E-04	1.56E-03	2.49E-05	5.63E-04	2.86E-02	2.65E-03	3.41E-02
1592	NG_288	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.957	1.80E-01	3.60E-01	Not Modelled	8.42E-02	1.67E-04	1.28E-01	1.80E-02	3.60E-03	3.60E-10	1.80E-03	4.31E-05	3.17E-05	8.83E-05	2.91E-04	1.72E-03	2.75E-05	6.20E-04	3.15E-02	2.92E-03	3.76E-02
1593	NG_289	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.957	1.88E-01	3.77E-01	Not Modelled	8.91E-02	1.74E-04	1.36E-01	1.88E-02	3.77E-03	3.77E-10	1.89E-03	4.51E-05	3.32E-05	9.24E-05	3.04E-04	1.80E-03	2.88E-05	6.50E-04	3.30E-02	3.06E-03	3.93E-02
1633	NG_329	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.007	1.84E-01	3.68E-01	Not Modelled	8.49E-02	1.70E-04	1.31E-01	1.84E-02	3.68E-03	3.68E-10	1.84E-03	4.40E-05	3.24E-05	9.02E-05	2.97E-04	1.76E-03	2.81E-05	6.34E-04	3.22E-02	2.99E-03	3.84E-02
1634	NG_330	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.007	1.95E-01	3.90E-01	Not Modelled	9.08E-02	1.81E-04	1.40E-01	1.95E-02	3.90E-03	3.90E-10	1.95E-03	4.67E-05	3.44E-05	9.57E-05	3.15E-04	1.86E-03	2.98E-05	6.73E-04	3.42E-02	3.17E-03	4.07E-02
1674	NG_370	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.057	1.85E-01	3.70E-01	Not Modelled	8.48E-02	1.71E-04	1.33E-01	1.85E-02	3.70E-03	3.70E-10	1.85E-03	4.43E-05	3.26E-05	9.07E-05	2.99E-04	1.77E-03	2.82E-05	6.38E-04	3.24E-02	3.00E-03	3.86E-02
1675	NG_371	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.057	1.98E-01	3.96E-01	Not Modelled	9.09E-02	1.83E-04	1.43E-01	1.98E-02	3.95E-03	3.95E-10	1.98E-03	4.73E-05	3.48E-05	9.70E-05	3.19E-04	1.89E-03	3.02E-05	6.81E-04	3.46E-02	3.21E-03	4.13E-02
1676	NG_372	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.057	2.12E-01	4.24E-01	Not Modelled	9.82E-02	1.96E-04	1.54E-01	2.12E-02	4.23E-03	4.23E-10	2.12E-03	5.07E-05	3.73E-05	1.04E-04	3.42E-04	2.02E-03	3.23E-05	7.30E-04	3.71E-02	3.44E-03	4.42E-02
1715	NG_411	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.107	1.84E-01	3.68E-01	Not Modelled	8.43E-02	1.70E-04	1.34E-01	1.84E-02	3.68E-03	3.68E-10	1.84E-03	4.40E-05	3.24E-05	9.02E-05	2.97E-04	1.76E-03	2.81E-05	6.34E-04	3.22E-02	2.98E-03	3.84E-02
1716	NG_412	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.107	1.97E-01	3.94E-01	Not Modelled	9.02E-02	1.82E-04	1.44E-01	1.97E-02	3.94E-03	3.94E-10	1.97E-03	4.71E-05	3.47E-05	9.66E-05	3.18E-04	1.88E-03	3.01E-05	6.79E-04	3.45E-02	3.20E-03	4.11E-02
1717	NG_413	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.107	2.14E-01	4.27E-01	Not Modelled	9.83E-02	1.98E-04	1.57E-01	2.14E-02	4.27E-03	4.27E-10	2.14E-03	5.11E-05	3.77E-05	1.05E-04	3.45E-04	2.04E-03	3.26E-05	7.36E-04	3.74E-02	3.47E-03	4.46E-02
1756	NG_452	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.157	1.81E-01	3.63E-01	Not Modelled	8.38E-02	1.68E-04	1.35E-01	1.81E-02	3.62E-03	3.62E-10	1.81E-03	4.34E-05	3.20E-05	8.89E-05	2.93E-04	1.73E-03	2.77E-05	6.25E-04	3.17E-02	2.94E-03	3.78E-02
1757	NG_453	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.157	1.96E-01	3.92E-01	Not Modelled	9.03E-02	1.81E-04	1.46E-01	1.96E-02	3.92E-03	3.92E-10	1.96E-03	4.69E-05	3.45E-05	9.61E-05	3.16E-04	1.87E-03	2.99E-05	6.75E-04	3.43E-02	3.18E-03	4.09E-02
1758	NG_454	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.157	2.14E-01	4.28E-01	Not Modelled	9.86E-02	1.98E-04	1.60E-01	2.14E-02	4.27E-03	4.27E-10	2.14E-03	5.11E-05	3.77E-05	1.05E-04	3.45E-04	2.04E-03	3.26E-05	7.37E-04	3.74E-02	3.47E-03	4.46E-02
1759	NG_455	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.157	2.34E-01	4.69E-01	Not Modelled	1.08E-01	2.17E-04	1.76E-01	2.34E-02	4.69E-03	4.69E-10	2.34E-03	5.60E-05	4.13E-05	1.15E-04	3.78E-04	2.24E-03	3.58E-05	8.08E-04	4.10E-02	3.80E-03	4.89E-02
1797	NG_493	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.207	1.79E-01	3.59E-01	Not Modelled	8.43E-02	1.66E-04	1.38E-01	1.79E-02	3.58E-03	3.58E-10	1.79E-03	4.29E-05	3.16E-05	8.79E-05	2.89E-04	1.71E-03	2.74E-05	6.18E-04	3.14E-02	2.91E-03	3.74E-02
1798	NG_494	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.207	1.95E-01	3.89E-01	Not Modelled	9.12E-02	1.80E-04	1.49E-01	1.95E-02	3.89E-03	3.89E-10	1.95E-03	4.66E-05	3.43E-05	9.55E-05	3.14E-04	1.86E-03	2.97E-05	6.71E-04	3.41E-02	3.16E-03	4.06E-02
1799	NG_495	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.207	2.12E-01	4.24E-01	Not Modelled	9.88E-02	1.96E-04	1.63E-01	2.12E-02	4.24E-03	4.24E-10	2.12E-03	5.07E-05	3.74E-05	1.04E-04	3.42E-04	2.02E-03	3.24E-05	7.31E-04	3.71E-02	3.44E-03	4.42E-02
1800	NG_496	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.207	2.34E-01	4.67E-01	Not Modelled	1.09E-01	2.16E-04	1.79E-01	2.34E-02	4.67E-03	4.67E-10	2.34E-03	5.59E-05	4.12E-05	1.15E-04	3.77E-04	2.23E-03	3.57E-05	8.05E-04	4.09E-02	3.79E-03	4.88E-02
1838	NG_534	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.257	1.78E-01	3.55E-01	Not Modelled	8.53E-02	1.64E-04	1.41E-01	1.78E-02	3.55E-03	3.55E-10	1.78E-03	4.25E-05	3.13E-05	8.71E-05	2.87E-04	1.70E-03	2.71E-05	6.12E-04	3.11E-02	2.88E-03	3.71E-02
1839	NG_535	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.257	1.93E-01	3.85E-01	Not Modelled	9.20E-02	1.78E-04	1.53E-01	1.93E-02	3.85E-03	3.85E-10	1.93E-03	4.61E-05	3.39E-05	9.44E-05	3.11E-04	1.84E-03	2.94E-05	6.64E-04	3.37E-02	3.12E-03	4.02E-02
1840	NG_536	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.257	2.10E-01	4.20E-01	Not Modelled	9.98E-02	1.95E-04	1.66E-01	2.10E-02	4.20E-03	4.20E-10	2.10E-03	5.03E-05	3.70E-05	1.03E-04	3.39E-04	2.01E-03	3.21E-05	7.24E-04	3.68E-02	3.41E-03	4.39E-02
1841	NG_537	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.257	2.31E-01	4.62E-01	Not Modelled	1.09E-01	2.14E-04	1.82E-01	2.31E-02	4.62E-03	4.62E-10	2.31E-03	5.52E-05	4.07E-05	1.13E-04	3.73E-04	2.20E-03	3.52E-05	7.96E-04	4.04E-02	3.75E-03	4.82E-02
1879	NG_575	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.307	1.77E-01	3.54E-01	Not Modelled	8.65E-02	1.64E-04	1.44E-01	1.77E-02	3.54E-03	3.54E-10	1.77E-03	4.23E-05	3.12E-05	8.67E-05	2.86E-04	1.69E-03	2.70E-05	6.10E-04	3.10E-02	2.87E-03	3.69E-02
1880	NG_576	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.307	1.91E-01	3.81E-01	Not Modelled	9.27E-02	1.76E-04	1.55E-01	1.91E-02	3.81E-03	3.81E-10	1.91E-03	4.56E-05	3.36E-05	9.35E-05	3.08E-04	1.82E-03	2.91E-05	6.57E-04	3.34E-02	3.09E-03	3.98E-02
1881	NG_577	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.307	2.08E-01	4.16E-01	Not Modelled	1.01E-01	1.93E-04	1.70E-01	2.08E-02	4.16E-03	4.16E-10	2.08E-03	4.98E-05	3.67E-05	1.02E-04	3.36E-04	1.99E-03	3.18E-05	7.17E-04	3.64E-02	3.38E-03	4.34E-02
1920	NG_616	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.357	1.77E-01	3.55E-01	Not Modelled	8.81E-02	1.64E-04	1.48E-01	1.77E-02	3.55E-03	3.55E-10	1.77E-03	4.24E-05	3.13E-05	8.70E-05	2.86E-04	1.69E-03	2.71E-05	6.11E-04	3.11E-02	2.88E-03	3.70E-02
1921	NG_617	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.357	1.91E-01	3.83E-01	Not Modelled	9.47E-02	1.77E-04	1.60E-01	1.91E-02	3.82E-03	3.82E-10	1.91E-03	4.58E-05	3.37E-05	9.38E-05	3.09E-04	1.83E-03	2.92E-05	6.59E-04	3.35E-02	3.10E-03	3.99E-02
2084	NG_780	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.557	1.81E-01	3.61E-01	Not Modelled	9.43E-02	1.67E-04	1.58E-01	1.81E-02	3.61E-03	3.61E-10	1.81E-03	4.32E-05	3.18E-05	8.86E-05	2.92E-04	1.72E-03	2.76E-05	6.23E-04	3.16E-02	2.93E-03	3.77E-02
2087	NG_783	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.557	2.31E-01	4.63E-01	Not Modelled	1.19E-01	2.14E-04	2.04E-01	2.31E-02	4.63E-03	4.63E-10	2.31E-03	5.53E-05	4.08E-05	1.13E-04	3.74E-04	2.21E-03	3.53E-05	7.97E-04	4.05E-02	3.75E-03	4.83E-02
1259	SR_298	Sensitive Receptor	Parks/ Recreation	Offsite	381.618	6366.961	2.16E-01	4.32E-01	Not Modelled	9.11E-02	2.00E-04	1.22E-01	2.16E-02	4.32E-03	4.32E-10	2.16E-03	5.17E-05	3.81E-05	1.06E-04	3.49E-04	2.06E-03	3.30E-05	7.45E-04	3.78E-02	3.50E-03	4.51E-02

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

AQIA DATA - SCENARIO 2 RECREATIONAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**SG_725**	**SG_725**	**#N/A**	**NG_783**	**SG_725**	**NG_783**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**378.900**	**378.900**	**#N/A**	**378.814**	**378.900**	**378.814**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**
						Y	**6369.100**	**6369.100**	**#N/A**	**6367.557**	**6369.100**	**6367.557**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**
1	SG_1	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6364.500	2.58E-08	4.83E-08	Not Modelled	8.02E-10	2.38E-11	6.12E-07	2.57E-09	5.14E-10	5.14E-17	2.57E-10	6.15E-12	4.53E-12	1.26E-11	4.15E-11	2.46E-10	3.93E-12	8.86E-11	4.50E-09	4.17E-10	5.37E-09
2	SG_2	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6364.500	2.55E-08	4.75E-08	Not Modelled	7.89E-10	2.34E-11	6.16E-07	2.53E-09	5.07E-10	5.07E-17	2.53E-10	6.06E-12	4.47E-12	1.24E-11	4.09E-11	2.42E-10	3.87E-12	8.73E-11	4.43E-09	4.11E-10	5.29E-09
3	SG_3	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6364.500	2.50E-08	4.62E-08	Not Modelled	7.68E-10	2.29E-11	6.10E-07	2.47E-09	4.95E-10	4.95E-17	2.47E-10	5.92E-12	4.36E-12	1.21E-11	3.99E-11	2.36E-10	3.77E-12	8.52E-11	4.33E-09	4.01E-10	5.16E-09
4	SG_4	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6364.500	2.40E-08	4.35E-08	Not Modelled	7.25E-10	2.17E-11	5.75E-07	2.35E-09	4.69E-10	4.69E-17	2.35E-10	5.61E-12	4.13E-12	1.15E-11	3.79E-11	2.24E-10	3.58E-12	8.08E-11	4.11E-09	3.81E-10	4.90E-09
5	SG_5	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6364.500	2.31E-08	4.06E-08	Not Modelled	6.83E-10	2.05E-11	5.45E-07	2.22E-09	4.43E-10	4.43E-17	2.22E-10	5.30E-12	3.91E-12	1.09E-11	3.58E-11	2.12E-10	3.38E-12	7.64E-11	3.88E-09	3.60E-10	4.63E-09
6	SG_6	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6364.500	2.28E-08	3.87E-08	Not Modelled	6.59E-10	1.98E-11	5.44E-07	2.14E-09	4.28E-10	4.28E-17	2.14E-10	5.12E-12	3.77E-12	1.05E-11	3.46E-11	2.04E-10	3.27E-12	7.38E-11	3.75E-09	3.47E-10	4.47E-09
7	SG_7	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6364.500	2.26E-08	3.70E-08	Not Modelled	6.28E-10	1.92E-11	5.37E-07	2.07E-09	4.14E-10	4.14E-17	2.07E-10	4.96E-12	3.65E-12	1.02E-11	3.35E-11	1.98E-10	3.16E-12	7.14E-11	3.63E-09	3.36E-10	4.33E-09
8	SG_8	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6364.500	2.26E-08	3.69E-08	Not Modelled	6.10E-10	1.91E-11	5.41E-07	2.07E-09	4.14E-10	4.14E-17	2.07E-10	4.95E-12	3.65E-12	1.01E-11	3.34E-11	1.98E-10	3.16E-12	7.13E-11	3.62E-09	3.36E-10	4.32E-09
9	SG_9	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6364.500	2.29E-08	3.81E-08	Not Modelled	6.05E-10	1.96E-11	5.55E-07	2.12E-09	4.24E-10	4.24E-17	2.12E-10	5.08E-12	3.74E-12	1.04E-11	3.43E-11	2.03E-10	3.24E-12	7.32E-11	3.72E-09	3.44E-10	4.43E-09
10	SG_10	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6364.500	2.39E-08	4.07E-08	Not Modelled	6.24E-10	2.08E-11	5.95E-07	2.25E-09	4.50E-10	4.50E-17	2.25E-10	5.38E-12	3.96E-12	1.10E-11	3.63E-11	2.15E-10	3.43E-12	7.75E-11	3.94E-09	3.65E-10	4.69E-09
11	SG_11	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6364.500	2.27E-08	3.92E-08	Not Modelled	5.73E-10	2.02E-11	5.10E-07	2.18E-09	4.35E-10	4.35E-17	2.18E-10	5.21E-12	3.84E-12	1.07E-11	3.52E-11	2.08E-10	3.32E-12	7.50E-11	3.81E-09	3.53E-10	4.54E-09
12	SG_12	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6364.500	2.35E-08	4.11E-08	Not Modelled	5.80E-10	2.11E-11	4.98E-07	2.28E-09	4.57E-10	4.57E-17	2.29E-10	5.47E-12	4.03E-12	1.12E-11	3.69E-11	2.18E-10	3.49E-12	7.87E-11	4.00E-09	3.71E-10	4.77E-09
13	SG_13	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6364.500	2.44E-08	4.31E-08	Not Modelled	5.80E-10	2.22E-11	4.91E-07	2.40E-09	4.81E-10	4.81E-17	2.40E-10	5.75E-12	4.24E-12	1.18E-11	3.88E-11	2.29E-10	3.67E-12	8.28E-11	4.21E-09	3.90E-10	5.02E-09
14	SG_14	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6364.500	2.53E-08	4.47E-08	Not Modelled	5.69E-10	2.32E-11	4.93E-07	2.51E-09	5.01E-10	5.01E-17	2.51E-10	6.00E-12	4.42E-12	1.23E-11	4.05E-11	2.39E-10	3.83E-12	8.64E-11	4.39E-09	4.07E-10	5.23E-09
15	SG_15	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6364.500	2.67E-08	4.71E-08	Not Modelled	5.78E-10	2.45E-11	5.15E-07	2.65E-09	5.30E-10	5.30E-17	2.65E-10	6.34E-12	4.67E-12	1.30E-11	4.28E-11	2.53E-10	4.04E-12	9.13E-11	4.64E-09	4.30E-10	5.53E-09
17	SG_17	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6364.500	3.14E-08	5.60E-08	Not Modelled	6.43E-10	2.89E-11	5.82E-07	3.12E-09	6.25E-10	6.25E-17	3.13E-10	7.48E-12	5.51E-12	1.53E-11	5.05E-11	2.98E-10	4.77E-12	1.08E-10	5.47E-09	5.07E-10	6.52E-09
18	SG_18	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6364.500	3.62E-08	6.52E-08	Not Modelled	7.30E-10	3.34E-11	6.69E-07	3.61E-09	7.21E-10	7.21E-17	3.61E-10	8.63E-12	6.35E-12	1.77E-11	5.82E-11	3.44E-10	5.50E-12	1.24E-10	6.31E-09	5.85E-10	7.52E-09
19	SG_19	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6364.500	4.23E-08	7.68E-08	Not Modelled	8.50E-10	3.90E-11	7.89E-07	4.22E-09	8.43E-10	8.43E-17	4.22E-10	1.01E-11	7.43E-12	2.07E-11	6.81E-11	4.02E-10	6.44E-12	1.45E-10	7.38E-09	6.84E-10	8.80E-09
20	SG_20	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6364.500	4.60E-08	8.36E-08	Not Modelled	9.14E-10	4.24E-11	8.32E-07	4.58E-09	9.16E-10	9.16E-17	4.58E-10	1.10E-11	8.07E-12	2.25E-11	7.39E-11	4.37E-10	6.99E-12	1.58E-10	8.02E-09	7.43E-10	9.56E-09
21	SG_21	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6364.500	4.83E-08	8.80E-08	Not Modelled	9.60E-10	4.45E-11	8.51E-07	4.81E-09	9.62E-10	9.62E-17	4.81E-10	1.15E-11	8.48E-12	2.36E-11	7.77E-11	4.59E-10	7.35E-12	1.66E-10	8.42E-09	7.80E-10	1.00E-08
22	SG_22	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6364.500	5.12E-08	9.30E-08	Not Modelled	1.03E-09	4.69E-11	8.88E-07	5.07E-09	1.01E-09	1.01E-16	5.07E-10	1.21E-11	8.94E-12	2.49E-11	8.19E-11	4.84E-10	7.74E-12	1.75E-10	8.88E-09	8.22E-10	1.06E-08
23	SG_23	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6364.500	5.48E-08	9.85E-08	Not Modelled	1.11E-09	4.96E-11	9.40E-07	5.37E-09	1.07E-09	1.07E-16	5.37E-10	1.28E-11	9.46E-12	2.63E-11	8.66E-11	5.12E-10	8.19E-12	1.85E-10	9.39E-09	8.70E-10	1.12E-08
24	SG_24	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6364.500	5.91E-08	1.03E-07	Not Modelled	1.18E-09	5.22E-11	9.95E-07	5.64E-09	1.13E-09	1.13E-16	5.64E-10	1.35E-11	9.94E-12	2.77E-11	9.11E-11	5.38E-10	8.61E-12	1.94E-10	9.87E-09	9.15E-10	1.18E-08
25	SG_25	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6364.500	6.55E-08	1.07E-07	Not Modelled	1.27E-09	5.52E-11	1.07E-06	5.97E-09	1.19E-09	1.19E-16	5.97E-10	1.43E-11	1.05E-11	2.93E-11	9.64E-11	5.70E-10	9.12E-12	2.06E-10	1.05E-08	9.68E-10	1.25E-08
26	SG_26	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6364.500	7.43E-08	1.13E-07	Not Modelled	1.37E-09	5.95E-11	1.17E-06	6.43E-09	1.29E-09	1.29E-16	6.43E-10	1.54E-11	1.13E-11	3.15E-11	1.04E-10	6.14E-10	9.82E-12	2.22E-10	1.13E-08	1.04E-09	1.34E-08
27	SG_27	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6364.500	8.01E-08	1.17E-07	Not Modelled	1.41E-09	6.24E-11	1.17E-06	6.74E-09	1.35E-09	1.35E-16	6.74E-10	1.61E-11	1.19E-11	3.31E-11	1.09E-10	6.44E-10	1.03E-11	2.32E-10	1.18E-08	1.09E-09	1.41E-08
28	SG_28	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6364.500	8.82E-08	1.29E-07	Not Modelled	1.52E-09	6.85E-11	1.22E-06	7.40E-09	1.48E-09	1.48E-16	7.40E-10	1.77E-11	1.30E-11	3.63E-11	1.19E-10	7.07E-10	1.13E-11	2.55E-10	1.30E-08	1.20E-09	1.54E-08
29	SG_29	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6364.500	1.01E-07	1.49E-07	Not Modelled	1.74E-09	7.84E-11	1.37E-06	8.48E-09	1.70E-09	1.70E-16	8.48E-10	2.03E-11	1.49E-11	4.16E-11	1.37E-10	8.10E-10	1.29E-11	2.92E-10	1.48E-08	1.38E-09	1.77E-08
30	SG_30	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6364.500	1.17E-07	1.75E-07	Not Modelled	2.08E-09	9.11E-11	1.64E-06	9.85E-09	1.97E-09	1.97E-16	9.85E-10	2.36E-11	1.74E-11	4.83E-11	1.59E-10	9.40E-10	1.50E-11	3.40E-10	1.72E-08	1.60E-09	2.06E-08
31	SG_31	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6364.500	1.23E-07	1.87E-07	Not Modelled	2.29E-09	9.66E-11	1.74E-06	1.04E-08	2.09E-09	2.09E-16	1.04E-09	2.50E-11	1.84E-11	5.12E-11	1.69E-10	9.97E-10	1.60E-11	3.60E-10	1.83E-08	1.69E-09	2.18E-08
32	SG_32	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6364.700	2.88E-08	5.41E-08	Not Modelled	8.98E-10	2.66E-11	6.97E-07	2.87E-09	5.74E-10	5.74E-17	2.87E-10	6.87E-12	5.06E-12	1.41E-11	4.64E-11	2.74E-10	4.38E-12	9.89E-11	5.03E-09	4.66E-10	5.99E-09
33	SG_33	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6364.700	2.78E-08	5.17E-08	Not Modelled	8.61E-10	2.55E-11	6.76E-07	2.76E-09	5.52E-10	5.52E-17	2.76E-10	6.60E-12	4.86E-12	1.35E-11	4.45E-11	2.63E-10	4.21E-12	9.51E-11	4.83E-09	4.48E-10	5.76E-09
34	SG_34	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6364.700	2.72E-08	5.01E-08	Not Modelled	8.36E-10	2.48E-11	6.69E-07	2.68E-09	5.36E-10	5.36E-17	2.68E-10	6.42E-12	4.73E-12	1.32E-11	4.33E-11	2.56E-10	4.09E-12	9.24E-11	4.70E-09	4.35E-10	5.60E-09
35	SG_35	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6364.700	2.67E-08	4.81E-08	Not Modelled	8.12E-10	2.41E-11	6.62E-07	2.60E-09	5.20E-10	5.20E-17	2.60E-10	6.22E-12	4.58E-12	1.28E-11	4.20E-11	2.48E-10	3.97E-12	8.96E-11	4.55E-09	4.22E-10	5.43E-09
36	SG_36	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6364.700	2.61E-08	4.51E-08	Not Modelled	7.75E-10	2.29E-11	6.42E-07	2.47E-09	4.95E-10	4.95E-17	2.48E-10	5.92E-12	4.36E-12	1.21E-11	4.00E-11	2.36E-10	3.78E-12	8.53E-11	4.33E-09	4.01E-10	5.16E-09
37	SG_37	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6364.700	2.61E-08	4.25E-08	Not Modelled	7.49E-10	2.21E-11	6.47E-07	2.38E-09	4.77E-10	4.77E-17	2.39E-10	5.70E-12	4.20E-12	1.17E-11	3.85E-11	2.28E-10	3.64E-12	8.22E-11	4.17E-09	3.87E-10	4.98E-09
38	SG_38	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6364.700	2.59E-08	4.04E-08	Not Modelled	7.13E-10	2.13E-11	6.42E-07	2.30E-09	4.61E-10	4.61E-17	2.30E-10	5.51E-12	4.06E-12	1.13E-11	3.72E-11	2.20E-10	3.52E-12	7.94E-11	4.03E-09	3.74E-10	4.81E-09
39	SG_39	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6364.700	2.61E-08	4.13E-08	Not Modelled	7.01E-10	2.17E-11	6.57E-07	2.34E-09	4.68E-10	4.68E-17	2.34E-10	5.60E-12	4.12E-12	1.15E-11	3.78E-11	2.23E-10	3.57E-12	8.06E-11	4.10E-09	3.80E-10	4.88E-09
40	SG_40	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6364.700	2.52E-08	4.17E-08	Not Modelled	6.62E-10	2.16E-11	6.10E-07	2.33E-09	4.66E-10	4.66E-17	2.33E-10	5.58E-12	4.11E-12	1.14E-11	3.76E-11	2.23E-10	3.56E-12	8.03E-11	4.08E-09	3.78E-10	4.86E-09
41	SG_41	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6364.700	2.57E-08	4.45E-08	Not Modelled	6.70E-10	2.27E-11	6.30E-07	2.45E-09	4.90E-10	4.90E-17	2.45E-10	5.87E-12	4.32E-12	1.20E-11	3.96E-11	2.34E-10	3.74E-12	8.45E-11	4.29E-09	3.98E-10	5.12E-09
42	SG_42	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6364.700	2.46E-08	4.31E-08	Not Modelled	6.17E-10	2.20E-11	5.50E-07	2.38E-09	4.76E-10	4.76E-17	2.38E-10	5.70E-12	4.20E-12	1.17E-11	3.85E-11	2.27E-10	3.64E-12	8.21E-11	4.17E-09	3.86E-10	4.97E-09
43	SG_43	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6364.700	2.54E-08	4.50E-08	Not Modelled	6.26E-10	2.31E-11	5.41E-07	2.50E-09	4.99E-10	4.99E-17	2.50E-10	5.97E-12	4.40E-12	1.22E-11	4.03E-11	2.38E-10	3.81E-12	8.60E-11	4.37E-09	4.05E-10	5.21E-09
44	SG_44	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6364.700	2.68E-08	4.75E-08	Not Modelled	6.34E-10	2.45E-11	5.43E-07	2.65E-09	5.29E-10	5.29E-17	2.65E-10	6.33E-12	4.67E-12	1.30E-11	4.28E-11	2.53E-10	4.04E-12	9.13E-11	4.64E-09	4.30E-10	5.53E-09
45	SG_45	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6364.700	2.79E-08	4.94E-08	Not Modelled	6.23E-10	2.56E-11	5.49E-07	2.77E-09	5.54E-10	5.54E-17	2.77E-10	6.63E-12	4.88E-12	1.36E-11	4.47E-11	2.64E-10	4.23E-12	9.55E-11	4.85E-09	4.49E-10	5.78E-09
46	SG_46	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6364.700	2.91E-08	5.14E-08	Not Modelled	6.23E-10	2.68E-11	5.59E-07	2.89E-09	5.79E-10	5.79E-17	2.90E-10	6.92E-12	5.10E-12	1.42E-11	4.67E-11	2.76E-10	4.42E-12	9.98E-11	5.07E-09	4.70E-10	6.04E-09
48	SG_48	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6364.700	3.46E-08	6.17E-08	Not Modelled	7.00E-10	3.19E-11	6.38E-07	3.44E-09	6.89E-10	6.89E-17	3.45E-10	8.24E-12	6.07E-12	1.69E-11	5.56E-11	3.29E-10	5.26E-12	1.19E-10	6.03E-09	5.59E-10	7.19E-09
49	SG_49	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6364.700	4.06E-08	7.31E-08	Not Modelled	8.12E-10	3.74E-11	7.55E-07	4.04E-09	8.09E-10	8.09E-17	4.04E-10	9.67E-12	7.13E-12	1.98E-11	6.53E-11	3.86E-10	6.17E-12	1.39E-10	7.08E-09	6.56E-10	8.44E-09
50	SG_50	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6364.700	4.68E-08	8.49E-08	Not Modelled	9.31E-10	4.31E-11	8.69E-07	4.66E-09	9.32E-10	9.32E-17	4.66E-10	1.12E-11	8.22E-12	2.29E-11	7.53E-11	4.45E-10	7.12E-12	1.61E-10	8.16E-09	7.56E-10	9.73E-09
51	SG_51	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6364.700	5.00E-08	9.09E-08	Not Modelled	9.87E-10	4.61E-11	8.97E-07	4.99E-09	9.97E-10	9.97E-17	4.99E-10	1.19E-11	8.79E-12	2.44E-11	8.05E-11	4.76E-10	7.61E-12	1.72E-10	8.73E-09	8.09E-10	1.04E-08
52	SG_52	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6364.700	5.36E-08	9.74E-08	Not Modelled	1.06E-09	4.92E-11	9.49E-07	5.32E-09	1.06E-09	1.06E-16	5.32E-10	1.27E-11	9.38E-12	2.61E-11	8.60E-11	5.08E-10	8.13E-12	1.84E-10	9.32E-09	8.64E-10	1.11E-08
53	SG_53	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6364.700	5.71E-08	1.03E-07	Not Modelled	1.15E-09	5.21E-11	9.99E-07	5.63E-09	1.13E-09	1.13E-16	5.64E-10	1.35E-11	9.93E-12	2.76E-11	9.10E-11	5.38E-10	8.60E-12	1.94E-10	9.87E-09	9.14E-10	1.18E-08
54	SG_54	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6364.700	6.19E-08	1.10E-07	Not Modelled	1.24E-09	5.54E-11	1.07E-06	5.99E-09	1.20E-09	1.20E-16	5.99E-10	1.43E-11	1.06E-11	2.94E-11	9.67E-11	5.72E-10	9.14E-12	2.06E-10	1.05E-08	9.71E-10	1.25E-08
55	SG_55	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6364.700	6.82E-08	1.14E-07	Not Modelled	1.33E-09	5.83E-11	1.15E-06	6.30E-09	1.26E-09	1.26E-16	6.30E-10	1.51E-11	1.11E-11	3.09E-11	1.02E-10	6.02E-10	9.62E-12	2.17E-10	1.10E-08	1.02E-09	1.32E-08
56	SG_56	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6364.700	7.52E-08	1.14E-07	Not Modelled	1.39E-09	6.05E-11	1.20E-06	6.53E-09	1.31E-09	1.31E-16	6.54E-10	1.56E-11	1.15E-11	3.20E-11	1.06E-10	6.24E-10	9.98E-12	2.25E-10	1.14E-08	1.06E-09	1.36E-08
57	SG_57	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6364.700	8.40E-08	1.20E-07	Not Modelled	1.48E-09	6.45E-11	1.27E-06	6.98E-09	1.40E-09	1.40E-16	6.98E-10	1.67E-11	1.23E-11	3.42E-11	1.13E-10	6.66E-10	1.07E-11	2.41E-10	1.22E-08	1.13E-09	1.46E-08
58	SG_58	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6364.700	9.95E-08	1.42E-07	Not Modelled	1.73E-09	7.61E-11	1.51E-06	8.23E-09	1.65E-09	1.65E-16	8.23E-10	1.97E-11	1.45E-11	4.04E-11	1.33E-10	7.86E-10	1.26E-11	2.84E-10	1.44E-08	1.34E-09	1.72E-08
59	SG_59	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6364.700	1.22E-07	1.83E-07	Not Modelled	2.19E-09	9.52E-11	1.93E-06	1.03E-08	2.06E-09	2.06E-16	1.03E-09	2.46E-11	1.81E-11	5.04E-11	1.66E-10	9.82E-10	1.57E-11	3.55E-10	1.80E-08	1.67E-09	2.15E-08
60	SG_60	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6364.700	1.28E-07	2.01E-07	Not Modelled	2.38E-09	1.03E-10	1.96E-06	1.11E-08	2.22E-09	2.22E-16	1.11E-09	2.66E-11	1.96E-11	5.46E-11	1.80E-10	1.06E-09	1.70E-11	3.84E-10	1.95E-08	1.80E-09	2.32E-08
61	SG_61	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6364.700	1.23E-07	1.99E-07	Not Modelled	2.40E-09	1.01E-10	1.77E-06	1.09E-08	2.18E-09	2.18E-16	1.09E-09	2.61E-11	1.93E-11	5.36E-11	1.76E-10	1.04E-09	1.67E-11	3.77E-10	1.91E-08	1.77E-09	2.28E-08
62	SG_62	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6364.700	1.19E-07	1.94E-07	Not Modelled	2.45E-09	9.83E-11	1.66E-06	1.06E-08	2.12E-09	2.12E-16	1.06E-09	2.54E-11	1.87E-11	5.21E-11	1.72E-10	1.01E-09	1.62E-11	3.66E-10	1.86E-08	1.72E-09	2.22E-08
63	SG_63	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6364.900	3.28E-08	6.17E-08	Not Modelled	1.02E-09	3.02E-11	8.12E-07	3.27E-09	6.53E-10	6.53E-17	3.27E-10	7.81E-12	5.76E-12	1.60E-11	5.28E-11	3.12E-10	4.99E-12	1.13E-10	5.72E-09	5.30E-10	6.82E-09
64	SG_64	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6364.900	3.18E-08	5.94E-08	Not Modelled	9.93E-10	2.92E-11	8.03E-07	3.16E-09	6.32E-10	6.32E-17	3.16E-10	7.56E-12	5.57E-12	1.55E-11	5.10E-11	3.02E-10	4.82E-12	1.09E-10	5.53E-09	5.13E-10	6.59E-09
65	SG_65	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6364.900	3.05E-08	5.62E-08	Not Modelled	9.43E-10	2.78E-11	7.72E-07	3.00E-09	6.01E-10	6.01E-17	3.01E-10	7.19E-12	5.30E-12	1.47E-11	4.85E-11	2.87E-10	4.59E-12	1.04E-10	5.26E-09	4.88E-10	6.27E-09
66	SG_66	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6364.900	3.05E-08	5.46E-08	Not Modelled	9.33E-10	2.73E-11	7.91E-07	2.95E-09	5.90E-10	5.90E-17	2.95E-10	7.05E-12	5.20E-12	1.45E-11	4.76E-11	2.82E-10	4.50E-12	1.02E-10	5.16E-09	4.78E-10	6.15E-09
67	SG_67	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6364.900	3.00E-08	5.06E-08	Not Modelled	8.88E-10	2.58E-11	7.70E-07	2.79E-09	5.58E-10	5.58E-17	2.79E-10	6.67E-12	4.92E-12	1.37E-11	4.51E-11	2.66E-10	4.26E-12	9.62E-11	4.89E-09	4.53E-10	5.82E-09
68	SG_68	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6364.900	3.08E-08	4.81E-08	Not Modelled	8.78E-10	2.53E-11	8.11E-07	2.73E-09	5.46E-10	5.46E-17	2.73E-10	6.53E-12	4.81E-12	1.34E-11	4.41E-11	2.61E-10	4.17E-12	9.40E-11	4.78E-09	4.43E-10	5.70E-09
69	SG_69	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6364.900	3.00E-08	4.47E-08	Not Modelled	8.16E-10	2.39E-11	7.78E-07	2.58E-09	5.17E-10	5.17E-17	2.59E-10	6.18E-12	4.56E-12	1.27E-11	4.17E-11	2.47E-10	3.94E-12	8.91E-11	4.52E-09	4.19E-10	5.39E-09
70	SG_70	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6364.900	2.79E-08	4.34E-08	Not Modelled	7.42E-10	2.30E-11	6.95E-07	2.48E-09	4.96E-10	4.96E-17	2.48E-10	5.93E-12	4.37E-12	1.22E-11	4.01E-11	2.37E-10	3.79E-12	8.55E-11	4.34E-09	4.03E-10	5.18E-09
71	SG_71	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6364.900	2.78E-08	4.64E-08	Not Modelled	7.37E-10	2.39E-11	6.94E-07	2.58E-09	5.17E-10	5.17E-17	2.59E-10	6.18E-12	4.56E-12	1.27E-11	4.17E-11	2.47E-10	3.94E-12	8.91E-11	4.52E-09	4.19E-10	5.39E-09
72	SG_72	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6364.900	2.71E-08	4.73E-08	Not Modelled	7.06E-10	2.41E-11	6.56E-07	2.60E-09	5.21E-10	5.21E-17	2.60E-10	6.23E-12	4.59E-12	1.28E-11	4.20E-11	2.49E-10	3.97E-12	8.97E-11	4.56E-09	4.22E-10	5.43E-09
73	SG_73	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6364.900	2.66E-08	4.73E-08	Not Modelled	6.74E-10	2.41E-11	6.17E-07	2.60E-09	5.20E-10	5.20E-17	2.60E-10	6.22E-12	4.59E-12	1.28E-11	4.20E-11	2.48E-10	3.97E-12	8.97E-11	4.55E-09	4.22E-10	5.43E-09
74	SG_74	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6364.900	2.79E-08	4.99E-08	Not Modelled	6.91E-10	2.55E-11	6.25E-07	2.75E-09	5.50E-10	5.50E-17	2.75E-10	6.58E-12	4.85E-12	1.35E-11	4.44E-11	2.63E-10	4.20E-12	9.48E-11	4.82E-09	4.46E-10	5.74E-09
75	SG_75	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6364.900	2.91E-08	5.20E-08	Not Modelled	6.92E-10	2.67E-11	6.10E-07	2.89E-09	5.78E-10	5.78E-17	2.89E-10	6.91E-12	5.09E-12	1.42E-11	4.67E-11	2.76E-10	4.41E-12	9.96E-11	5.06E-09	4.69E-10	6.03E-09
76	SG_76	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6364.900	3.04E-08	5.39E-08	Not Modelled	6.78E-10	2.80E-11	6.09E-07	3.02E-09	6.05E-10	6.05E-17	3.03E-10	7.24E-12	5.33E-12	1.48E-11	4.88E-11	2.89E-10	4.62E-12	1.04E-10	5.29E-09	4.91E-10	6.31E-09
77	SG_77	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6364.900	3.18E-08	5.62E-08	Not Modelled	6.76E-10	2.93E-11	6.16E-07	3.16E-09	6.33E-10	6.33E-17	3.17E-10	7.57E-12	5.58E-12	1.55E-11	5.11E-11	3.02E-10	4.83E-12	1.09E-10	5.54E-09	5.13E-10	6.60E-09
80	SG_80	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6364.900	4.51E-08	8.12E-08	Not Modelled	8.96E-10	4.16E-11	8.37E-07	4.50E-09	8.99E-10	8.99E-17	4.50E-10	1.08E-11	7.93E-12	2.21E-11	7.26E-11	4.29E-10	6.87E-12	1.55E-10	7.87E-09	7.30E-10	9.39E-09
81	SG_81	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6364.900	5.23E-08	9.48E-08	Not Modelled	1.03E-09	4.82E-11	9.74E-07	5.21E-09	1.04E-09	1.04E-16	5.21E-10	1.25E-11	9.18E-12	2.55E-11	8.41E-11	4.97E-10	7.95E-12	1.80E-10	9.12E-09	8.45E-10	1.09E-08
82	SG_82	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6364.900	5.75E-08	1.05E-07	Not Modelled	1.13E-09	5.30E-11	1.07E-06	5.73E-09	1.15E-09	1.15E-16	5.73E-10	1.37E-11	1.01E-11	2.81E-11	9.25E-11	5.47E-10	8.75E-12	1.97E-10	1.00E-08	9.29E-10	1.20E-08
83	SG_83	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6364.900	6.10E-08	1.11E-07	Not Modelled	1.22E-09	5.60E-11	1.11E-06	6.05E-09	1.21E-09	1.21E-16	6.05E-10	1.45E-11	1.07E-11	2.97E-11	9.77E-11	5.78E-10	9.24E-12	2.09E-10	1.06E-08	9.82E-10	1.26E-08
84	SG_84	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6364.900	6.60E-08	1.19E-07	Not Modelled	1.33E-09	5.99E-11	1.18E-06	6.47E-09	1.29E-09	1.29E-16	6.47E-10	1.55E-11	1.14E-11	3.17E-11	1.05E-10	6.18E-10	9.88E-12	2.23E-10	1.13E-08	1.05E-09	1.35E-08
85	SG_85	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6364.900	7.33E-08	1.27E-07	Not Modelled	1.47E-09	6.45E-11	1.30E-06	6.97E-09	1.39E-09	1.39E-16	6.98E-10	1.67E-11	1.23E-11	3.42E-11	1.13E-10	6.66E-10	1.06E-11	2.40E-10	1.22E-08	1.13E-09	1.46E-08
86	SG_86	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6364.900	8.14E-08	1.30E-07	Not Modelled	1.56E-09	6.74E-11	1.38E-06	7.29E-09	1.46E-09	1.46E-16	7.29E-10	1.74E-11	1.28E-11	3.57E-11	1.18E-10	6.96E-10	1.11E-11	2.51E-10	1.28E-08	1.18E-09	1.52E-08
87	SG_87	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6364.900	9.04E-08	1.31E-07	Not Modelled	1.63E-09	7.03E-11	1.44E-06	7.60E-09	1.52E-09	1.52E-16	7.60E-10	1.82E-11	1.34E-11	3.73E-11	1.23E-10	7.26E-10	1.16E-11	2.62E-10	1.33E-08	1.23E-09	1.59E-08
88	SG_88	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6364.900	1.01E-07	1.43E-07	Not Modelled	1.77E-09	7.68E-11	1.55E-06	8.30E-09	1.66E-09	1.66E-16	8.31E-10	1.99E-11	1.46E-11	4.07E-11	1.34E-10	7.93E-10	1.27E-11	2.86E-10	1.45E-08	1.35E-09	1.73E-08
89	SG_89	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6364.900	1.28E-07	1.93E-07	Not Modelled	2.37E-09	1.01E-10	2.16E-06	1.09E-08	2.17E-09	2.17E-16	1.09E-09	2.60E-11	1.92E-11	5.33E-11	1.75E-10	1.04E-09	1.66E-11	3.75E-10	1.90E-08	1.76E-09	2.27E-08

AQIA DATA - SCENARIO 2 RECREATIONAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**SG_725**	**SG_725**	**#N/A**	**NG_783**	**SG_725**	**NG_783**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**378.900**	**378.900**	**#N/A**	**378.814**	**378.900**	**378.814**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**
						Y	**6369.100**	**6369.100**	**#N/A**	**6367.557**	**6369.100**	**6367.557**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**
90	SG_90	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6364.900	1.26E-07	2.04E-07	Not Modelled	2.45E-09	1.04E-10	1.99E-06	1.12E-08	2.24E-09	2.24E-16	1.12E-09	2.68E-11	1.97E-11	5.49E-11	1.81E-10	1.07E-09	1.71E-11	3.86E-10	1.96E-08	1.82E-09	2.34E-08
91	SG_91	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6364.900	1.21E-07	2.06E-07	Not Modelled	2.50E-09	1.03E-10	1.80E-06	1.11E-08	2.23E-09	2.23E-16	1.11E-09	2.67E-11	1.96E-11	5.47E-11	1.80E-10	1.06E-09	1.70E-11	3.84E-10	1.95E-08	1.81E-09	2.33E-08
92	SG_92	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6364.900	1.24E-07	2.16E-07	Not Modelled	2.72E-09	1.07E-10	1.83E-06	1.16E-08	2.31E-09	2.31E-16	1.16E-09	2.77E-11	2.04E-11	5.67E-11	1.87E-10	1.10E-09	1.77E-11	3.99E-10	2.03E-08	1.88E-09	2.41E-08
93	SG_93	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6364.900	1.26E-07	2.24E-07	Not Modelled	2.95E-09	1.10E-10	1.90E-06	1.19E-08	2.39E-09	2.39E-16	1.19E-09	2.85E-11	2.10E-11	5.85E-11	1.93E-10	1.14E-09	1.82E-11	4.11E-10	2.09E-08	1.94E-09	2.49E-08
94	SG_94	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.100	3.72E-08	7.02E-08	Not Modelled	1.16E-09	3.43E-11	9.32E-07	3.71E-09	7.41E-10	7.41E-17	3.71E-10	8.87E-12	6.53E-12	1.82E-11	5.99E-11	3.54E-10	5.66E-12	1.28E-10	6.49E-09	6.02E-10	7.74E-09
95	SG_95	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.100	3.67E-08	6.87E-08	Not Modelled	1.15E-09	3.37E-11	9.48E-07	3.64E-09	7.27E-10	7.27E-17	3.64E-10	8.70E-12	6.41E-12	1.78E-11	5.87E-11	3.47E-10	5.55E-12	1.25E-10	6.37E-09	5.90E-10	7.59E-09
96	SG_96	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.100	3.57E-08	6.59E-08	Not Modelled	1.11E-09	3.25E-11	9.46E-07	3.51E-09	7.02E-10	7.02E-17	3.51E-10	8.39E-12	6.19E-12	1.72E-11	5.67E-11	3.35E-10	5.36E-12	1.21E-10	6.14E-09	5.69E-10	7.32E-09
97	SG_97	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.100	3.41E-08	6.06E-08	Not Modelled	1.04E-09	3.03E-11	8.98E-07	3.27E-09	6.55E-10	6.55E-17	3.28E-10	7.83E-12	5.77E-12	1.61E-11	5.29E-11	3.12E-10	5.00E-12	1.13E-10	5.73E-09	5.31E-10	6.83E-09
100	SG_100	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.100	3.53E-08	5.07E-08	Not Modelled	9.53E-10	2.75E-11	9.70E-07	2.97E-09	5.94E-10	5.94E-17	2.97E-10	7.10E-12	5.23E-12	1.46E-11	4.79E-11	2.83E-10	4.53E-12	1.02E-10	5.20E-09	4.82E-10	6.19E-09
101	SG_101	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.100	3.15E-08	4.83E-08	Not Modelled	8.39E-10	2.56E-11	8.19E-07	2.77E-09	5.54E-10	5.54E-17	2.77E-10	6.63E-12	4.88E-12	1.36E-11	4.47E-11	2.64E-10	4.23E-12	9.55E-11	4.85E-09	4.50E-10	5.78E-09
102	SG_102	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.100	3.00E-08	5.04E-08	Not Modelled	8.08E-10	2.60E-11	7.76E-07	2.80E-09	5.61E-10	5.61E-17	2.81E-10	6.71E-12	4.94E-12	1.38E-11	4.53E-11	2.68E-10	4.28E-12	9.66E-11	4.91E-09	4.55E-10	5.85E-09
103	SG_103	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.100	2.96E-08	5.22E-08	Not Modelled	7.88E-10	2.65E-11	7.59E-07	2.86E-09	5.72E-10	5.72E-17	2.86E-10	6.84E-12	5.04E-12	1.40E-11	4.62E-11	2.73E-10	4.36E-12	9.85E-11	5.01E-09	4.64E-10	5.97E-09
104	SG_104	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.100	2.91E-08	5.22E-08	Not Modelled	7.53E-10	2.65E-11	7.26E-07	2.86E-09	5.72E-10	5.72E-17	2.86E-10	6.84E-12	5.04E-12	1.40E-11	4.62E-11	2.73E-10	4.37E-12	9.86E-11	5.01E-09	4.64E-10	5.97E-09
105	SG_105	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.100	2.95E-08	5.29E-08	Not Modelled	7.35E-10	2.70E-11	6.86E-07	2.91E-09	5.83E-10	5.83E-17	2.91E-10	6.97E-12	5.14E-12	1.43E-11	4.70E-11	2.78E-10	4.45E-12	1.00E-10	5.10E-09	4.73E-10	6.08E-09
106	SG_106	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.100	3.13E-08	5.60E-08	Not Modelled	7.49E-10	2.88E-11	6.81E-07	3.11E-09	6.22E-10	6.22E-17	3.11E-10	7.44E-12	5.48E-12	1.52E-11	5.02E-11	2.97E-10	4.75E-12	1.07E-10	5.44E-09	5.04E-10	6.49E-09
107	SG_107	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.100	3.33E-08	5.92E-08	Not Modelled	7.47E-10	3.07E-11	6.91E-07	3.32E-09	6.63E-10	6.63E-17	3.32E-10	7.93E-12	5.84E-12	1.63E-11	5.35E-11	3.17E-10	5.06E-12	1.14E-10	5.80E-09	5.38E-10	6.92E-09
108	SG_108	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.100	3.50E-08	6.19E-08	Not Modelled	7.43E-10	3.23E-11	6.94E-07	3.49E-09	6.97E-10	6.97E-17	3.49E-10	8.34E-12	6.15E-12	1.71E-11	5.63E-11	3.33E-10	5.32E-12	1.20E-10	6.10E-09	5.66E-10	7.28E-09
111	SG_111	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.100	5.17E-08	9.31E-08	Not Modelled	1.02E-09	4.76E-11	9.79E-07	5.15E-09	1.03E-09	1.03E-16	5.15E-10	1.23E-11	9.08E-12	2.53E-11	8.31E-11	4.92E-10	7.86E-12	1.78E-10	9.01E-09	8.35E-10	1.07E-08
112	SG_112	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.100	5.88E-08	1.07E-07	Not Modelled	1.16E-09	5.42E-11	1.11E-06	5.86E-09	1.17E-09	1.17E-16	5.86E-10	1.40E-11	1.03E-11	2.87E-11	9.46E-11	5.59E-10	8.94E-12	2.02E-10	1.03E-08	9.50E-10	1.22E-08
113	SG_113	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.100	6.49E-08	1.18E-07	Not Modelled	1.28E-09	5.96E-11	1.22E-06	6.44E-09	1.29E-09	1.29E-16	6.44E-10	1.54E-11	1.14E-11	3.16E-11	1.04E-10	6.15E-10	9.84E-12	2.22E-10	1.13E-08	1.04E-09	1.34E-08
114	SG_114	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.100	6.92E-08	1.25E-07	Not Modelled	1.39E-09	6.33E-11	1.27E-06	6.84E-09	1.37E-09	1.37E-16	6.84E-10	1.64E-11	1.21E-11	3.35E-11	1.10E-10	6.53E-10	1.04E-11	2.36E-10	1.20E-08	1.11E-09	1.43E-08
115	SG_115	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.100	7.65E-08	1.37E-07	Not Modelled	1.55E-09	6.89E-11	1.40E-06	7.44E-09	1.49E-09	1.49E-16	7.45E-10	1.78E-11	1.31E-11	3.65E-11	1.20E-10	7.11E-10	1.14E-11	2.57E-10	1.30E-08	1.21E-09	1.55E-08
116	SG_116	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.100	8.43E-08	1.44E-07	Not Modelled	1.68E-09	7.31E-11	1.49E-06	7.90E-09	1.58E-09	1.58E-16	7.90E-10	1.89E-11	1.39E-11	3.88E-11	1.28E-10	7.55E-10	1.21E-11	2.72E-10	1.38E-08	1.28E-09	1.65E-08
117	SG_117	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.100	9.48E-08	1.47E-07	Not Modelled	1.79E-09	7.71E-11	1.59E-06	8.33E-09	1.67E-09	1.67E-16	8.34E-10	1.99E-11	1.47E-11	4.09E-11	1.35E-10	7.96E-10	1.27E-11	2.87E-10	1.46E-08	1.35E-09	1.74E-08
118	SG_118	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.100	1.05E-07	1.53E-07	Not Modelled	1.90E-09	8.16E-11	1.67E-06	8.82E-09	1.76E-09	1.76E-16	8.82E-10	2.11E-11	1.55E-11	4.32E-11	1.42E-10	8.42E-10	1.35E-11	3.04E-10	1.54E-08	1.43E-09	1.84E-08
119	SG_119	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.100	1.24E-07	1.86E-07	Not Modelled	2.30E-09	9.75E-11	2.03E-06	1.05E-08	2.11E-09	2.11E-16	1.05E-09	2.52E-11	1.86E-11	5.17E-11	1.70E-10	1.01E-09	1.61E-11	3.63E-10	1.84E-08	1.71E-09	2.20E-08
120	SG_120	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.100	1.25E-07	2.05E-07	Not Modelled	2.51E-09	1.04E-10	2.01E-06	1.12E-08	2.25E-09	2.25E-16	1.13E-09	2.69E-11	1.98E-11	5.52E-11	1.82E-10	1.07E-09	1.72E-11	3.88E-10	1.97E-08	1.82E-09	2.35E-08
121	SG_121	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.100	1.30E-07	2.27E-07	Not Modelled	2.82E-09	1.13E-10	2.08E-06	1.22E-08	2.44E-09	2.44E-16	1.22E-09	2.92E-11	2.15E-11	5.98E-11	1.97E-10	1.16E-09	1.86E-11	4.20E-10	2.13E-08	1.98E-09	2.54E-08
122	SG_122	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.100	1.33E-07	2.40E-07	Not Modelled	3.08E-09	1.18E-10	2.11E-06	1.27E-08	2.55E-09	2.55E-16	1.27E-09	3.05E-11	2.25E-11	6.25E-11	2.06E-10	1.22E-09	1.95E-11	4.39E-10	2.23E-08	2.07E-09	2.66E-08
123	SG_123	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.100	1.41E-07	2.60E-07	Not Modelled	3.47E-09	1.26E-10	2.30E-06	1.37E-08	2.73E-09	2.73E-16	1.37E-09	3.27E-11	2.41E-11	6.70E-11	2.21E-10	1.31E-09	2.09E-11	4.71E-10	2.39E-08	2.22E-09	2.85E-08
124	SG_124	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.100	1.38E-07	2.56E-07	Not Modelled	3.58E-09	1.25E-10	2.24E-06	1.35E-08	2.69E-09	2.69E-16	1.35E-09	3.22E-11	2.37E-11	6.60E-11	2.17E-10	1.29E-09	2.06E-11	4.64E-10	2.36E-08	2.18E-09	2.81E-08
125	SG_125	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.300	4.22E-08	7.96E-08	Not Modelled	1.30E-09	3.89E-11	1.07E-06	4.20E-09	8.40E-10	8.40E-17	4.20E-10	1.00E-11	7.40E-12	2.06E-11	6.78E-11	4.01E-10	6.41E-12	1.45E-10	7.35E-09	6.81E-10	8.76E-09
126	SG_126	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.300	4.16E-08	7.79E-08	Not Modelled	1.29E-09	3.81E-11	1.08E-06	4.12E-09	8.24E-10	8.24E-17	4.12E-10	9.86E-12	7.26E-12	2.02E-11	6.65E-11	3.93E-10	6.29E-12	1.42E-10	7.21E-09	6.69E-10	8.60E-09
127	SG_127	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.300	4.06E-08	7.45E-08	Not Modelled	1.26E-09	3.67E-11	1.08E-06	3.97E-09	7.94E-10	7.94E-17	3.97E-10	9.49E-12	7.00E-12	1.95E-11	6.41E-11	3.79E-10	6.06E-12	1.37E-10	6.95E-09	6.44E-10	8.28E-09
128	SG_128	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.300	3.98E-08	7.05E-08	Not Modelled	1.22E-09	3.52E-11	1.09E-06	3.81E-09	7.61E-10	7.61E-17	3.81E-10	9.10E-12	6.71E-12	1.87E-11	6.15E-11	3.63E-10	5.81E-12	1.31E-10	6.66E-09	6.18E-10	7.94E-09
129	SG_129	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.300	4.04E-08	6.69E-08	Not Modelled	1.20E-09	3.42E-11	1.14E-06	3.69E-09	7.39E-10	7.39E-17	3.70E-10	8.84E-12	6.51E-12	1.81E-11	5.97E-11	3.53E-10	5.64E-12	1.27E-10	6.47E-09	6.00E-10	7.71E-09
130	SG_130	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.300	4.09E-08	6.16E-08	Not Modelled	1.15E-09	3.26E-11	1.16E-06	3.52E-09	7.05E-10	7.05E-17	3.53E-10	8.43E-12	6.21E-12	1.73E-11	5.69E-11	3.37E-10	5.38E-12	1.21E-10	6.17E-09	5.72E-10	7.36E-09
131	SG_131	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.300	3.89E-08	5.62E-08	Not Modelled	1.05E-09	3.03E-11	1.07E-06	3.28E-09	6.56E-10	6.56E-17	3.28E-10	7.84E-12	5.78E-12	1.61E-11	5.29E-11	3.13E-10	5.01E-12	1.13E-10	5.74E-09	5.32E-10	6.84E-09
132	SG_132	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.300	3.60E-08	5.57E-08	Not Modelled	9.76E-10	2.94E-11	9.95E-07	3.18E-09	6.36E-10	6.36E-17	3.18E-10	7.61E-12	5.61E-12	1.56E-11	5.14E-11	3.04E-10	4.85E-12	1.10E-10	5.57E-09	5.16E-10	6.64E-09
133	SG_133	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.300	3.27E-08	5.53E-08	Not Modelled	8.95E-10	2.84E-11	8.78E-07	3.07E-09	6.14E-10	6.14E-17	3.07E-10	7.35E-12	5.41E-12	1.51E-11	4.96E-11	2.93E-10	4.69E-12	1.06E-10	5.38E-09	4.98E-10	6.41E-09
134	SG_134	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.300	3.24E-08	5.74E-08	Not Modelled	8.85E-10	2.91E-11	8.82E-07	3.14E-09	6.29E-10	6.29E-17	3.15E-10	7.52E-12	5.54E-12	1.54E-11	5.08E-11	3.00E-10	4.80E-12	1.08E-10	5.50E-09	5.10E-10	6.56E-09
135	SG_135	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.300	3.17E-08	5.71E-08	Not Modelled	8.38E-10	2.89E-11	8.40E-07	3.12E-09	6.24E-10	6.24E-17	3.12E-10	7.47E-12	5.50E-12	1.53E-11	5.04E-11	2.98E-10	4.76E-12	1.08E-10	5.46E-09	5.06E-10	6.51E-09
136	SG_136	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.300	3.16E-08	5.68E-08	Not Modelled	7.98E-10	2.89E-11	7.78E-07	3.13E-09	6.25E-10	6.25E-17	3.13E-10	7.48E-12	5.51E-12	1.53E-11	5.05E-11	2.98E-10	4.77E-12	1.08E-10	5.47E-09	5.07E-10	6.52E-09
137	SG_137	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.300	3.41E-08	6.11E-08	Not Modelled	8.27E-10	3.13E-11	7.90E-07	3.39E-09	6.77E-10	6.77E-17	3.39E-10	8.10E-12	5.97E-12	1.66E-11	5.47E-11	3.23E-10	5.17E-12	1.17E-10	5.93E-09	5.49E-10	7.07E-09
138	SG_138	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.300	3.65E-08	6.47E-08	Not Modelled	8.22E-10	3.35E-11	7.86E-07	3.62E-09	7.24E-10	7.24E-17	3.62E-10	8.67E-12	6.39E-12	1.78E-11	5.85E-11	3.46E-10	5.53E-12	1.25E-10	6.34E-09	5.88E-10	7.56E-09
139	SG_139	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.300	3.85E-08	6.80E-08	Not Modelled	8.16E-10	3.54E-11	7.79E-07	3.83E-09	7.66E-10	7.66E-17	3.83E-10	9.16E-12	6.75E-12	1.88E-11	6.18E-11	3.66E-10	5.85E-12	1.32E-10	6.71E-09	6.21E-10	7.99E-09
142	SG_142	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.300	5.87E-08	1.05E-07	Not Modelled	1.16E-09	5.40E-11	1.13E-06	5.83E-09	1.17E-09	1.17E-16	5.83E-10	1.40E-11	1.03E-11	2.86E-11	9.42E-11	5.57E-10	8.90E-12	2.01E-10	1.02E-08	9.46E-10	1.22E-08
143	SG_143	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.300	6.73E-08	1.21E-07	Not Modelled	1.32E-09	6.17E-11	1.29E-06	6.67E-09	1.33E-09	1.33E-16	6.68E-10	1.60E-11	1.18E-11	3.27E-11	1.08E-10	6.37E-10	1.02E-11	2.30E-10	1.17E-08	1.08E-09	1.39E-08
144	SG_144	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.300	7.49E-08	1.35E-07	Not Modelled	1.49E-09	6.83E-11	1.44E-06	7.39E-09	1.48E-09	1.48E-16	7.39E-10	1.77E-11	1.30E-11	3.62E-11	1.19E-10	7.05E-10	1.13E-11	2.55E-10	1.29E-08	1.20E-09	1.54E-08
145	SG_145	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.300	8.03E-08	1.44E-07	Not Modelled	1.61E-09	7.25E-11	1.50E-06	7.83E-09	1.57E-09	1.57E-16	7.84E-10	1.87E-11	1.38E-11	3.84E-11	1.27E-10	7.48E-10	1.20E-11	2.70E-10	1.37E-08	1.27E-09	1.64E-08
146	SG_146	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.300	8.92E-08	1.55E-07	Not Modelled	1.80E-09	7.87E-11	1.64E-06	8.51E-09	1.70E-09	1.70E-16	8.51E-10	2.04E-11	1.50E-11	4.17E-11	1.37E-10	8.13E-10	1.30E-11	2.93E-10	1.49E-08	1.38E-09	1.78E-08
147	SG_147	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.300	1.01E-07	1.66E-07	Not Modelled	1.99E-09	8.53E-11	1.80E-06	9.22E-09	1.84E-09	1.84E-16	9.23E-10	2.21E-11	1.63E-11	4.52E-11	1.49E-10	8.81E-10	1.41E-11	3.18E-10	1.62E-08	1.50E-09	1.93E-08
148	SG_148	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.300	1.22E-07	1.88E-07	Not Modelled	2.32E-09	9.82E-11	2.16E-06	1.06E-08	2.12E-09	2.12E-16	1.06E-09	2.54E-11	1.87E-11	5.20E-11	1.71E-10	1.01E-09	1.62E-11	3.66E-10	1.86E-08	1.72E-09	2.21E-08
149	SG_149	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.300	1.24E-07	1.88E-07	Not Modelled	2.34E-09	9.87E-11	2.04E-06	1.07E-08	2.13E-09	2.13E-16	1.07E-09	2.55E-11	1.88E-11	5.23E-11	1.72E-10	1.02E-09	1.63E-11	3.68E-10	1.87E-08	1.73E-09	2.23E-08
150	SG_150	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.300	1.39E-07	2.25E-07	Not Modelled	2.80E-09	1.15E-10	2.34E-06	1.24E-08	2.48E-09	2.48E-16	1.24E-09	2.97E-11	2.19E-11	6.08E-11	2.00E-10	1.18E-09	1.89E-11	4.27E-10	2.17E-08	2.01E-09	2.59E-08
151	SG_151	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.300	1.37E-07	2.40E-07	Not Modelled	3.05E-09	1.19E-10	2.26E-06	1.29E-08	2.58E-09	2.58E-16	1.29E-09	3.08E-11	2.27E-11	6.32E-11	2.08E-10	1.23E-09	1.97E-11	4.44E-10	2.26E-08	2.09E-09	2.69E-08
152	SG_152	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.300	1.41E-07	2.59E-07	Not Modelled	3.40E-09	1.27E-10	2.33E-06	1.37E-08	2.74E-09	2.74E-16	1.37E-09	3.27E-11	2.41E-11	6.71E-11	2.21E-10	1.31E-09	2.09E-11	4.72E-10	2.40E-08	2.22E-09	2.86E-08
153	SG_153	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.300	1.43E-07	2.67E-07	Not Modelled	3.66E-09	1.30E-10	2.36E-06	1.40E-08	2.80E-09	2.80E-16	1.40E-09	3.36E-11	2.47E-11	6.88E-11	2.26E-10	1.34E-09	2.14E-11	4.84E-10	2.46E-08	2.28E-09	2.93E-08
154	SG_154	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.300	1.43E-07	2.69E-07	Not Modelled	3.86E-09	1.31E-10	2.37E-06	1.41E-08	2.82E-09	2.82E-16	1.41E-09	3.38E-11	2.49E-11	6.93E-11	2.28E-10	1.35E-09	2.16E-11	4.87E-10	2.47E-08	2.29E-09	2.95E-08
155	SG_155	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.300	1.41E-07	2.66E-07	Not Modelled	3.99E-09	1.29E-10	2.34E-06	1.39E-08	2.79E-09	2.79E-16	1.39E-09	3.33E-11	2.46E-11	6.83E-11	2.25E-10	1.33E-09	2.13E-11	4.80E-10	2.44E-08	2.26E-09	2.91E-08
156	SG_156	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.500	4.63E-08	8.74E-08	Not Modelled	1.42E-09	4.26E-11	1.17E-06	4.61E-09	9.21E-10	9.21E-17	4.61E-10	1.10E-11	8.12E-12	2.26E-11	7.44E-11	4.40E-10	7.03E-12	1.59E-10	8.07E-09	7.48E-10	9.62E-09
157	SG_157	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.500	4.67E-08	8.71E-08	Not Modelled	1.44E-09	4.27E-11	1.20E-06	4.61E-09	9.22E-10	9.22E-17	4.61E-10	1.10E-11	8.12E-12	2.26E-11	7.44E-11	4.40E-10	7.03E-12	1.59E-10	8.07E-09	7.48E-10	9.62E-09
158	SG_158	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.500	4.82E-08	8.75E-08	Not Modelled	1.49E-09	4.32E-11	1.30E-06	4.67E-09	9.33E-10	9.33E-17	4.67E-10	1.12E-11	8.22E-12	2.29E-11	7.53E-11	4.45E-10	7.12E-12	1.61E-10	8.17E-09	7.57E-10	9.74E-09
159	SG_159	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.500	4.76E-08	8.21E-08	Not Modelled	1.45E-09	4.12E-11	1.32E-06	4.46E-09	8.91E-10	8.91E-17	4.46E-10	1.07E-11	7.85E-12	2.19E-11	7.20E-11	4.25E-10	6.80E-12	1.54E-10	7.80E-09	7.23E-10	9.30E-09
160	SG_160	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.500	4.74E-08	7.75E-08	Not Modelled	1.41E-09	3.97E-11	1.36E-06	4.29E-09	8.57E-10	8.57E-17	4.29E-10	1.03E-11	7.56E-12	2.10E-11	6.92E-11	4.09E-10	6.54E-12	1.48E-10	7.51E-09	6.96E-10	8.95E-09
161	SG_161	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.500	4.56E-08	7.10E-08	Not Modelled	1.31E-09	3.71E-11	1.32E-06	4.01E-09	8.01E-10	8.01E-17	4.01E-10	9.58E-12	7.06E-12	1.96E-11	6.47E-11	3.82E-10	6.11E-12	1.38E-10	7.01E-09	6.50E-10	8.36E-09
162	SG_162	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.500	4.40E-08	6.75E-08	Not Modelled	1.23E-09	3.56E-11	1.29E-06	3.84E-09	7.68E-10	7.68E-17	3.84E-10	9.19E-12	6.77E-12	1.88E-11	6.20E-11	3.67E-10	5.86E-12	1.32E-10	6.73E-09	6.23E-10	8.02E-09
163	SG_163	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.500	4.11E-08	6.64E-08	Not Modelled	1.15E-09	3.45E-11	1.21E-06	3.72E-09	7.45E-10	7.45E-17	3.73E-10	8.91E-12	6.56E-12	1.83E-11	6.01E-11	3.55E-10	5.68E-12	1.28E-10	6.52E-09	6.04E-10	7.77E-09
164	SG_164	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.500	3.76E-08	6.47E-08	Not Modelled	1.06E-09	3.30E-11	1.08E-06	3.57E-09	7.14E-10	7.14E-17	3.57E-10	8.54E-12	6.29E-12	1.75E-11	5.76E-11	3.41E-10	5.45E-12	1.23E-10	6.25E-09	5.79E-10	7.45E-09
165	SG_165	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.500	3.62E-08	6.44E-08	Not Modelled	1.01E-09	3.26E-11	1.03E-06	3.52E-09	7.04E-10	7.04E-17	3.52E-10	8.43E-12	6.21E-12	1.73E-11	5.69E-11	3.36E-10	5.38E-12	1.21E-10	6.17E-09	5.72E-10	7.35E-09
166	SG_166	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.500	3.55E-08	6.38E-08	Not Modelled	9.59E-10	3.23E-11	9.91E-07	3.49E-09	6.97E-10	6.97E-17	3.49E-10	8.34E-12	6.15E-12	1.71E-11	5.63E-11	3.33E-10	5.32E-12	1.20E-10	6.11E-09	5.66E-10	7.28E-09
167	SG_167	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.500	3.51E-08	6.31E-08	Not Modelled	9.03E-10	3.21E-11	9.26E-07	3.47E-09	6.93E-10	6.93E-17	3.47E-10	8.29E-12	6.11E-12	1.70E-11	5.60E-11	3.31E-10	5.29E-12	1.19E-10	6.07E-09	5.62E-10	7.23E-09
168	SG_168	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.500	3.73E-08	6.67E-08	Not Modelled	9.18E-10	3.42E-11	9.18E-07	3.69E-09	7.39E-10	7.39E-17	3.70E-10	8.84E-12	6.51E-12	1.81E-11	5.97E-11	3.53E-10	5.64E-12	1.27E-10	6.47E-09	5.99E-10	7.71E-09
169	SG_169	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.500	3.98E-08	7.05E-08	Not Modelled	9.06E-10	3.65E-11	8.90E-07	3.95E-09	7.89E-10	7.89E-17	3.95E-10	9.44E-12	6.95E-12	1.93E-11	6.37E-11	3.77E-10	6.02E-12	1.36E-10	6.91E-09	6.40E-10	8.23E-09
170	SG_170	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.500	4.30E-08	7.57E-08	Not Modelled	9.14E-10	3.94E-11	9.03E-07	4.26E-09	8.52E-10	8.52E-17	4.26E-10	1.02E-11	7.51E-12	2.09E-11	6.88E-11	4.07E-10	6.51E-12	1.47E-10	7.46E-09	6.92E-10	8.90E-09
173	SG_173	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.500	6.72E-08	1.19E-07	Not Modelled	1.32E-09	6.12E-11	1.32E-06	6.61E-09	1.32E-09	1.32E-16	6.62E-10	1.58E-11	1.17E-11	3.24E-11	1.07E-10	6.31E-10	1.01E-11	2.28E-10	1.16E-08	1.07E-09	1.38E-08
174	SG_174	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.500	7.63E-08	1.35E-07	Not Modelled	1.50E-09	6.90E-11	1.49E-06	7.45E-09	1.49E-09	1.49E-16	7.45E-10	1.78E-11	1.31E-11	3.66E-11	1.20E-10	7.12E-10	1.14E-11	2.57E-10	1.30E-08	1.21E-09	1.56E-08
175	SG_175	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.500	8.49E-08	1.48E-07	Not Modelled	1.68E-09	7.57E-11	1.64E-06	8.18E-09	1.64E-09	1.64E-16	8.18E-10	1.96E-11	1.44E-11	4.01E-11	1.32E-10	7.81E-10	1.25E-11	2.82E-10	1.43E-08	1.33E-09	1.71E-08
176	SG_176	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.500	9.23E-08	1.57E-07	Not Modelled	1.83E-09	8.04E-11	1.73E-06	8.68E-09	1.74E-09	1.74E-16	8.69E-10	2.08E-11	1.53E-11	4.26E-11	1.40E-10	8.29E-10	1.33E-11	2.99E-10	1.52E-08	1.41E-09	1.81E-08
177	SG_177	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.500	1.07E-07	1.72E-07	Not Modelled	2.10E-09	8.94E-11	1.97E-06	9.67E-09	1.93E-09	1.93E-16	9.67E-10	2.31E-11	1.70E-11	4.74E-11	1.56E-10	9.23E-10	1.48E-11	3.33E-10	1.69E-08	1.57E-09	2.02E-08
178	SG_178	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.500	1.34E-07	2.03E-07	Not Modelled	2.55E-09	1.07E-10	2.48E-06	1.15E-08	2.30E-09	2.30E-16	1.15E-09	2.76E-11	2.03E-11	5.65E-11	1.86E-10	1.10E-09	1.76E-11	3.97E-10	2.02E-08	1.87E-09	2.40E-08
179	SG_179	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.500	1.55E-07	2.30E-07	Not Modelled	2.95E-09	1.22E-10	2.87E-06	1.31E-08	2.63E-09	2.63E-16	1.31E-09	3.14E-11	2.32E-11	6.44E-11	2.12E-10	1.25E-09	2.01E-11	4.53E-10	2.30E-08	2.13E-09	2.74E-08
180	SG_180	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.500	1.48E-07	2.33E-07	Not Modelled	2.98E-09	1.21E-10	2.56E-06	1.30E-08	2.61E-09	2.61E-16	1.30E-09	3.12E-11	2.30E-11	6.39E-11	2.10E-10	1.24E-09	1.99E-11	4.49E-10	2.28E-08	2.11E-09	2.72E-08
181	SG_181	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.500	1.58E-07	2.70E-07	Not Modelled	3.51E-09	1.35E-10	2.75E-06	1.46E-08	2.92E-09	2.92E-16	1.46E-09	3.49E-11	2.57E-11	7.16E-11	2.36E-10	1.39E-09	2.23E-11	5.03E-10	2.56E-08	2.37E-09	3.05E-08
182	SG_182	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.500	1.56E-07	2.83E-07	Not Modelled	3.83E-09	1.39E-10	2.67E-06	1.50E-08	3.01E-09	3.01E-16	1.50E-09	3.60E-11	2.65E-11	7.37E-11	2.43E-10	1.44E-09	2.30E-11	5.18E-10	2.63E-08	2.44E-09	3.14E-08

AQIA DATA - SCENARIO 2 RECREATIONAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**SG_725**	**SG_725**	**#N/A**	**NG_783**	**SG_725**	**NG_783**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**378.900**	**378.900**	**#N/A**	**378.814**	**378.900**	**378.814**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**
						Y	**6369.100**	**6369.100**	**#N/A**	**6367.557**	**6369.100**	**6367.557**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**
183	SG_183	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.500	1.61E-07	3.01E-07	Not Modelled	4.24E-09	1.47E-10	2.79E-06	1.58E-08	3.17E-09	3.17E-16	1.58E-09	3.79E-11	2.79E-11	7.77E-11	2.56E-10	1.51E-09	2.42E-11	5.46E-10	2.77E-08	2.57E-09	3.31E-08
184	SG_184	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.500	1.60E-07	3.03E-07	Not Modelled	4.46E-09	1.47E-10	2.78E-06	1.59E-08	3.17E-09	3.17E-16	1.59E-09	3.80E-11	2.80E-11	7.78E-11	2.56E-10	1.52E-09	2.42E-11	5.47E-10	2.78E-08	2.57E-09	3.31E-08
185	SG_185	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.500	1.55E-07	2.96E-07	Not Modelled	4.55E-09	1.43E-10	2.70E-06	1.55E-08	3.09E-09	3.09E-16	1.55E-09	3.70E-11	2.73E-11	7.59E-11	2.50E-10	1.48E-09	2.36E-11	5.33E-10	2.71E-08	2.51E-09	3.23E-08
186	SG_186	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.500	1.51E-07	2.88E-07	Not Modelled	4.61E-09	1.39E-10	2.63E-06	1.50E-08	3.01E-09	3.01E-16	1.50E-09	3.60E-11	2.65E-11	7.38E-11	2.43E-10	1.44E-09	2.30E-11	5.19E-10	2.63E-08	2.44E-09	3.14E-08
187	SG_187	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6365.700	5.09E-08	9.59E-08	Not Modelled	1.56E-09	4.68E-11	1.31E-06	5.05E-09	1.01E-09	1.01E-16	5.06E-10	1.21E-11	8.91E-12	2.48E-11	8.16E-11	4.82E-10	7.71E-12	1.74E-10	8.85E-09	8.20E-10	1.05E-08
188	SG_188	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6365.700	5.37E-08	9.98E-08	Not Modelled	1.67E-09	4.88E-11	1.42E-06	5.28E-09	1.06E-09	1.06E-16	5.28E-10	1.26E-11	9.30E-12	2.59E-11	8.52E-11	5.04E-10	8.05E-12	1.82E-10	9.24E-09	8.56E-10	1.10E-08
189	SG_189	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6365.700	5.62E-08	1.00E-07	Not Modelled	1.75E-09	4.96E-11	1.52E-06	5.36E-09	1.07E-09	1.07E-16	5.36E-10	1.28E-11	9.44E-12	2.63E-11	8.65E-11	5.11E-10	8.18E-12	1.85E-10	9.38E-09	8.69E-10	1.12E-08
191	SG_191	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.700	5.79E-08	9.14E-08	Not Modelled	1.71E-09	4.72E-11	1.67E-06	5.10E-09	1.02E-09	1.02E-16	5.10E-10	1.22E-11	8.99E-12	2.50E-11	8.24E-11	4.87E-10	7.79E-12	1.76E-10	8.93E-09	8.28E-10	1.06E-08
192	SG_192	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.700	5.33E-08	8.50E-08	Not Modelled	1.56E-09	4.39E-11	1.59E-06	4.74E-09	9.48E-10	9.48E-17	4.74E-10	1.13E-11	8.35E-12	2.32E-11	7.65E-11	4.52E-10	7.23E-12	1.63E-10	8.30E-09	7.69E-10	9.89E-09
193	SG_193	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.700	4.96E-08	8.10E-08	Not Modelled	1.44E-09	4.16E-11	1.51E-06	4.49E-09	8.99E-10	8.99E-17	4.50E-10	1.07E-11	7.92E-12	2.20E-11	7.26E-11	4.29E-10	6.86E-12	1.55E-10	7.87E-09	7.29E-10	9.38E-09
194	SG_194	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.700	4.73E-08	7.99E-08	Not Modelled	1.37E-09	4.07E-11	1.45E-06	4.40E-09	8.80E-10	8.80E-17	4.40E-10	1.05E-11	7.76E-12	2.16E-11	7.11E-11	4.20E-10	6.72E-12	1.52E-10	7.70E-09	7.14E-10	9.19E-09
195	SG_195	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.700	4.51E-08	7.84E-08	Not Modelled	1.30E-09	3.98E-11	1.37E-06	4.30E-09	8.59E-10	8.59E-17	4.30E-10	1.03E-11	7.57E-12	2.11E-11	6.94E-11	4.10E-10	6.56E-12	1.48E-10	7.52E-09	6.97E-10	8.96E-09
196	SG_196	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.700	4.26E-08	7.52E-08	Not Modelled	1.21E-09	3.81E-11	1.28E-06	4.12E-09	8.24E-10	8.24E-17	4.12E-10	9.85E-12	7.26E-12	2.02E-11	6.65E-11	3.93E-10	6.29E-12	1.42E-10	7.21E-09	6.68E-10	8.60E-09
197	SG_197	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.700	4.08E-08	7.25E-08	Not Modelled	1.12E-09	3.68E-11	1.19E-06	3.97E-09	7.94E-10	7.94E-17	3.97E-10	9.50E-12	7.00E-12	1.95E-11	6.41E-11	3.79E-10	6.06E-12	1.37E-10	6.95E-09	6.44E-10	8.29E-09
198	SG_198	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.700	4.01E-08	7.14E-08	Not Modelled	1.05E-09	3.63E-11	1.12E-06	3.92E-09	7.85E-10	7.85E-17	3.93E-10	9.39E-12	6.92E-12	1.92E-11	6.34E-11	3.75E-10	5.99E-12	1.35E-10	6.87E-09	6.37E-10	8.19E-09
199	SG_199	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.700	4.18E-08	7.43E-08	Not Modelled	1.04E-09	3.80E-11	1.10E-06	4.11E-09	8.22E-10	8.22E-17	4.11E-10	9.83E-12	7.25E-12	2.02E-11	6.64E-11	3.92E-10	6.28E-12	1.42E-10	7.20E-09	6.67E-10	8.58E-09
200	SG_200	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.700	4.44E-08	7.82E-08	Not Modelled	1.03E-09	4.05E-11	1.05E-06	4.37E-09	8.74E-10	8.74E-17	4.37E-10	1.05E-11	7.71E-12	2.14E-11	7.06E-11	4.17E-10	6.67E-12	1.51E-10	7.65E-09	7.09E-10	9.12E-09
201	SG_201	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.700	4.80E-08	8.37E-08	Not Modelled	1.02E-09	4.37E-11	1.05E-06	4.72E-09	9.44E-10	9.44E-17	4.72E-10	1.13E-11	8.32E-12	2.31E-11	7.62E-11	4.51E-10	7.21E-12	1.63E-10	8.26E-09	7.66E-10	9.85E-09
204	SG_204	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6365.700	7.72E-08	1.32E-07	Not Modelled	1.51E-09	6.85E-11	1.58E-06	7.40E-09	1.48E-09	1.48E-16	7.41E-10	1.77E-11	1.31E-11	3.63E-11	1.20E-10	7.07E-10	1.13E-11	2.55E-10	1.30E-08	1.20E-09	1.55E-08
205	SG_205	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.700	8.76E-08	1.46E-07	Not Modelled	1.70E-09	7.60E-11	1.77E-06	8.22E-09	1.64E-09	1.64E-16	8.22E-10	1.97E-11	1.45E-11	4.03E-11	1.33E-10	7.85E-10	1.25E-11	2.83E-10	1.44E-08	1.33E-09	1.71E-08
206	SG_206	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.700	1.02E-07	1.62E-07	Not Modelled	1.96E-09	8.49E-11	2.02E-06	9.18E-09	1.84E-09	1.84E-16	9.18E-10	2.20E-11	1.62E-11	4.50E-11	1.48E-10	8.76E-10	1.40E-11	3.16E-10	1.61E-08	1.49E-09	1.92E-08
207	SG_207	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.700	1.17E-07	1.72E-07	Not Modelled	2.20E-09	9.24E-11	2.23E-06	9.98E-09	2.00E-09	2.00E-16	9.98E-10	2.39E-11	1.76E-11	4.90E-11	1.61E-10	9.53E-10	1.52E-11	3.44E-10	1.75E-08	1.62E-09	2.08E-08
208	SG_208	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.700	1.41E-07	1.91E-07	Not Modelled	2.58E-09	1.05E-10	2.60E-06	1.14E-08	2.27E-09	2.27E-16	1.14E-09	2.72E-11	2.00E-11	5.57E-11	1.83E-10	1.08E-09	1.73E-11	3.92E-10	1.99E-08	1.84E-09	2.37E-08
209	SG_209	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.700	1.75E-07	2.29E-07	Not Modelled	3.19E-09	1.27E-10	3.28E-06	1.37E-08	2.75E-09	2.75E-16	1.37E-09	3.29E-11	2.42E-11	6.73E-11	2.22E-10	1.31E-09	2.10E-11	4.73E-10	2.40E-08	2.23E-09	2.87E-08
210	SG_210	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.700	1.71E-07	2.40E-07	Not Modelled	3.30E-09	1.30E-10	3.03E-06	1.40E-08	2.80E-09	2.80E-16	1.40E-09	3.35E-11	2.47E-11	6.87E-11	2.26E-10	1.34E-09	2.14E-11	4.83E-10	2.45E-08	2.27E-09	2.92E-08
211	SG_211	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6365.700	1.77E-07	2.84E-07	Not Modelled	3.88E-09	1.45E-10	3.20E-06	1.57E-08	3.14E-09	3.14E-16	1.57E-09	3.76E-11	2.77E-11	7.71E-11	2.54E-10	1.50E-09	2.40E-11	5.42E-10	2.75E-08	2.55E-09	3.28E-08
212	SG_212	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6365.700	1.78E-07	3.15E-07	Not Modelled	4.42E-09	1.56E-10	3.22E-06	1.69E-08	3.37E-09	3.37E-16	1.69E-09	4.04E-11	2.97E-11	8.27E-11	2.72E-10	1.61E-09	2.58E-11	5.82E-10	2.95E-08	2.74E-09	3.52E-08
213	SG_213	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.700	1.79E-07	3.32E-07	Not Modelled	4.84E-09	1.62E-10	3.22E-06	1.75E-08	3.51E-09	3.51E-16	1.75E-09	4.19E-11	3.09E-11	8.60E-11	2.83E-10	1.67E-09	2.68E-11	6.04E-10	3.07E-08	2.84E-09	3.66E-08
214	SG_214	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.700	1.82E-07	3.44E-07	Not Modelled	5.21E-09	1.67E-10	3.31E-06	1.80E-08	3.61E-09	3.61E-16	1.81E-09	4.32E-11	3.18E-11	8.85E-11	2.91E-10	1.72E-09	2.76E-11	6.22E-10	3.16E-08	2.93E-09	3.77E-08
215	SG_215	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.700	1.78E-07	3.39E-07	Not Modelled	5.34E-09	1.64E-10	3.24E-06	1.77E-08	3.54E-09	3.54E-16	1.77E-09	4.24E-11	3.12E-11	8.68E-11	2.86E-10	1.69E-09	2.70E-11	6.10E-10	3.10E-08	2.87E-09	3.70E-08
216	SG_216	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.700	1.71E-07	3.28E-07	Not Modelled	5.37E-09	1.58E-10	3.13E-06	1.71E-08	3.42E-09	3.42E-16	1.71E-09	4.09E-11	3.01E-11	8.39E-11	2.76E-10	1.63E-09	2.61E-11	5.90E-10	2.99E-08	2.77E-09	3.57E-08
217	SG_217	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.700	1.64E-07	3.15E-07	Not Modelled	5.33E-09	1.52E-10	3.00E-06	1.64E-08	3.28E-09	3.28E-16	1.64E-09	3.93E-11	2.89E-11	8.05E-11	2.65E-10	1.57E-09	2.51E-11	5.66E-10	2.87E-08	2.66E-09	3.42E-08
221	SG_221	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6365.900	6.68E-08	1.09E-07	Not Modelled	2.11E-09	5.54E-11	1.81E-06	5.99E-09	1.20E-09	1.20E-16	5.99E-10	1.43E-11	1.06E-11	2.94E-11	9.67E-11	5.72E-10	9.14E-12	2.06E-10	1.05E-08	9.72E-10	1.25E-08
222	SG_222	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6365.900	6.99E-08	1.08E-07	Not Modelled	2.11E-09	5.61E-11	2.02E-06	6.06E-09	1.21E-09	1.21E-16	6.06E-10	1.45E-11	1.07E-11	2.97E-11	9.78E-11	5.78E-10	9.24E-12	2.09E-10	1.06E-08	9.83E-10	1.26E-08
223	SG_223	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6365.900	6.34E-08	1.00E-07	Not Modelled	1.87E-09	5.16E-11	1.90E-06	5.58E-09	1.12E-09	1.12E-16	5.58E-10	1.33E-11	9.84E-12	2.74E-11	9.01E-11	5.33E-10	8.52E-12	1.92E-10	9.77E-09	9.05E-10	1.16E-08
224	SG_224	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6365.900	6.10E-08	9.90E-08	Not Modelled	1.78E-09	5.08E-11	1.93E-06	5.48E-09	1.10E-09	1.10E-16	5.49E-10	1.31E-11	9.67E-12	2.69E-11	8.85E-11	5.23E-10	8.37E-12	1.89E-10	9.60E-09	8.90E-10	1.14E-08
225	SG_225	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6365.900	5.80E-08	9.58E-08	Not Modelled	1.67E-09	4.90E-11	1.83E-06	5.29E-09	1.06E-09	1.06E-16	5.30E-10	1.27E-11	9.33E-12	2.60E-11	8.55E-11	5.05E-10	8.08E-12	1.82E-10	9.27E-09	8.59E-10	1.10E-08
226	SG_226	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6365.900	5.54E-08	9.29E-08	Not Modelled	1.57E-09	4.75E-11	1.73E-06	5.14E-09	1.03E-09	1.03E-16	5.14E-10	1.23E-11	9.05E-12	2.52E-11	8.29E-11	4.90E-10	7.84E-12	1.77E-10	8.99E-09	8.33E-10	1.07E-08
227	SG_227	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6365.900	5.23E-08	8.86E-08	Not Modelled	1.46E-09	4.54E-11	1.63E-06	4.90E-09	9.80E-10	9.80E-17	4.90E-10	1.17E-11	8.64E-12	2.40E-11	7.92E-11	4.68E-10	7.48E-12	1.69E-10	8.58E-09	7.95E-10	1.02E-08
228	SG_228	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6365.900	4.94E-08	8.42E-08	Not Modelled	1.35E-09	4.32E-11	1.51E-06	4.67E-09	9.34E-10	9.34E-17	4.67E-10	1.12E-11	8.23E-12	2.29E-11	7.54E-11	4.46E-10	7.13E-12	1.61E-10	8.17E-09	7.57E-10	9.74E-09
229	SG_229	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6365.900	4.75E-08	8.15E-08	Not Modelled	1.24E-09	4.19E-11	1.40E-06	4.52E-09	9.05E-10	9.05E-17	4.53E-10	1.08E-11	7.97E-12	2.22E-11	7.30E-11	4.32E-10	6.90E-12	1.56E-10	7.92E-09	7.34E-10	9.44E-09
230	SG_230	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6365.900	4.75E-08	8.17E-08	Not Modelled	1.18E-09	4.22E-11	1.32E-06	4.56E-09	9.11E-10	9.11E-17	4.56E-10	1.09E-11	8.03E-12	2.24E-11	7.36E-11	4.35E-10	6.96E-12	1.57E-10	7.98E-09	7.39E-10	9.51E-09
231	SG_231	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6365.900	4.93E-08	8.47E-08	Not Modelled	1.15E-09	4.41E-11	1.23E-06	4.76E-09	9.53E-10	9.53E-17	4.77E-10	1.14E-11	8.40E-12	2.34E-11	7.69E-11	4.55E-10	7.27E-12	1.64E-10	8.34E-09	7.73E-10	9.94E-09
232	SG_232	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6365.900	5.36E-08	9.12E-08	Not Modelled	1.15E-09	4.79E-11	1.25E-06	5.17E-09	1.03E-09	1.03E-16	5.17E-10	1.24E-11	9.12E-12	2.54E-11	8.35E-11	4.94E-10	7.90E-12	1.78E-10	9.06E-09	8.39E-10	1.08E-08
233	SG_233	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6365.900	6.21E-08	1.04E-07	Not Modelled	1.26E-09	5.45E-11	1.39E-06	5.90E-09	1.18E-09	1.18E-16	5.90E-10	1.41E-11	1.04E-11	2.89E-11	9.52E-11	5.63E-10	9.00E-12	2.03E-10	1.03E-08	9.56E-10	1.23E-08
236	SG_236	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.300	6365.900	1.05E-07	1.50E-07	Not Modelled	1.94E-09	8.19E-11	2.20E-06	8.85E-09	1.77E-09	1.77E-16	8.85E-10	2.12E-11	1.56E-11	4.34E-11	1.43E-10	8.45E-10	1.35E-11	3.05E-10	1.55E-08	1.44E-09	1.85E-08
237	SG_237	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.500	6365.900	1.27E-07	1.61E-07	Not Modelled	2.25E-09	9.14E-11	2.51E-06	9.88E-09	1.98E-09	1.98E-16	9.88E-10	2.36E-11	1.74E-11	4.85E-11	1.60E-10	9.44E-10	1.51E-11	3.41E-10	1.73E-08	1.60E-09	2.06E-08
238	SG_238	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.700	6365.900	1.54E-07	1.76E-07	Not Modelled	2.71E-09	1.04E-10	2.88E-06	1.13E-08	2.25E-09	2.25E-16	1.13E-09	2.69E-11	1.98E-11	5.52E-11	1.82E-10	1.07E-09	1.72E-11	3.88E-10	1.97E-08	1.83E-09	2.35E-08
239	SG_239	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6365.900	1.82E-07	2.07E-07	Not Modelled	3.29E-09	1.22E-10	3.37E-06	1.32E-08	2.64E-09	2.64E-16	1.32E-09	3.16E-11	2.33E-11	6.47E-11	2.13E-10	1.26E-09	2.02E-11	4.55E-10	2.31E-08	2.14E-09	2.75E-08
240	SG_240	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6365.900	1.89E-07	2.34E-07	Not Modelled	3.69E-09	1.33E-10	3.44E-06	1.44E-08	2.88E-09	2.88E-16	1.44E-09	3.44E-11	2.54E-11	7.06E-11	2.32E-10	1.37E-09	2.20E-11	4.96E-10	2.52E-08	2.33E-09	3.00E-08
241	SG_241	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.300	6365.900	1.98E-07	2.88E-07	Not Modelled	4.39E-09	1.53E-10	3.72E-06	1.65E-08	3.31E-09	3.31E-16	1.66E-09	3.96E-11	2.92E-11	8.12E-11	2.67E-10	1.58E-09	2.53E-11	5.71E-10	2.90E-08	2.68E-09	3.45E-08
244	SG_244	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.900	6365.900	2.04E-07	3.84E-07	Not Modelled	6.04E-09	1.86E-10	3.87E-06	2.01E-08	4.03E-09	4.03E-16	2.02E-09	4.82E-11	3.55E-11	9.88E-11	3.25E-10	1.92E-09	3.08E-11	6.95E-10	3.53E-08	3.27E-09	4.20E-08
245	SG_245	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6365.900	1.93E-07	3.66E-07	Not Modelled	6.01E-09	1.77E-10	3.61E-06	1.92E-08	3.83E-09	3.83E-16	1.92E-09	4.59E-11	3.38E-11	9.40E-11	3.10E-10	1.83E-09	2.93E-11	6.61E-10	3.36E-08	3.11E-09	4.00E-08
246	SG_246	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6365.900	1.84E-07	3.51E-07	Not Modelled	5.99E-09	1.70E-10	3.45E-06	1.84E-08	3.68E-09	3.68E-16	1.84E-09	4.40E-11	3.24E-11	9.02E-11	2.97E-10	1.76E-09	2.81E-11	6.34E-10	3.22E-08	2.98E-09	3.84E-08
247	SG_247	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6365.900	1.80E-07	3.43E-07	Not Modelled	6.01E-09	1.66E-10	3.39E-06	1.79E-08	3.59E-09	3.59E-16	1.80E-09	4.29E-11	3.16E-11	8.80E-11	2.90E-10	1.71E-09	2.74E-11	6.19E-10	3.14E-08	2.91E-09	3.75E-08
248	SG_248	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6365.900	1.71E-07	3.26E-07	Not Modelled	5.86E-09	1.58E-10	3.20E-06	1.70E-08	3.41E-09	3.41E-16	1.70E-09	4.08E-11	3.00E-11	8.35E-11	2.75E-10	1.63E-09	2.60E-11	5.87E-10	2.98E-08	2.76E-09	3.55E-08
253	SG_253	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.100	7.97E-08	1.19E-07	Not Modelled	2.46E-09	6.24E-11	2.24E-06	6.75E-09	1.35E-09	1.35E-16	6.75E-10	1.61E-11	1.19E-11	3.31E-11	1.09E-10	6.44E-10	1.03E-11	2.33E-10	1.18E-08	1.09E-09	1.41E-08
254	SG_254	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.100	8.20E-08	1.15E-07	Not Modelled	2.28E-09	6.19E-11	2.38E-06	6.68E-09	1.34E-09	1.34E-16	6.69E-10	1.60E-11	1.18E-11	3.28E-11	1.08E-10	6.38E-10	1.02E-11	2.30E-10	1.17E-08	1.08E-09	1.40E-08
255	SG_255	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.100	8.11E-08	1.12E-07	Not Modelled	2.15E-09	6.06E-11	2.41E-06	6.55E-09	1.31E-09	1.31E-16	6.55E-10	1.57E-11	1.15E-11	3.21E-11	1.06E-10	6.25E-10	9.99E-12	2.26E-10	1.15E-08	1.06E-09	1.37E-08
256	SG_256	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.100	7.78E-08	1.08E-07	Not Modelled	2.05E-09	5.88E-11	2.34E-06	6.36E-09	1.27E-09	1.27E-16	6.36E-10	1.52E-11	1.12E-11	3.12E-11	1.03E-10	6.07E-10	9.70E-12	2.19E-10	1.11E-08	1.03E-09	1.33E-08
257	SG_257	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.100	7.37E-08	1.06E-07	Not Modelled	1.95E-09	5.70E-11	2.27E-06	6.16E-09	1.23E-09	1.23E-16	6.16E-10	1.47E-11	1.09E-11	3.02E-11	9.95E-11	5.88E-10	9.40E-12	2.12E-10	1.08E-08	1.00E-09	1.29E-08
258	SG_258	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.100	6.79E-08	1.00E-07	Not Modelled	1.79E-09	5.37E-11	2.12E-06	5.80E-09	1.16E-09	1.16E-16	5.81E-10	1.39E-11	1.02E-11	2.85E-11	9.37E-11	5.54E-10	8.86E-12	2.00E-10	1.02E-08	9.41E-10	1.21E-08
259	SG_259	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.100	6.27E-08	9.43E-08	Not Modelled	1.64E-09	5.05E-11	1.97E-06	5.45E-09	1.09E-09	1.09E-16	5.45E-10	1.30E-11	9.61E-12	2.67E-11	8.80E-11	5.20E-10	8.32E-12	1.88E-10	9.54E-09	8.85E-10	1.14E-08
260	SG_260	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.100	5.84E-08	8.97E-08	Not Modelled	1.47E-09	4.78E-11	1.77E-06	5.17E-09	1.03E-09	1.03E-16	5.17E-10	1.24E-11	9.11E-12	2.53E-11	8.35E-11	4.93E-10	7.89E-12	1.78E-10	9.05E-09	8.39E-10	1.08E-08
261	SG_261	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.100	5.68E-08	8.82E-08	Not Modelled	1.36E-09	4.71E-11	1.65E-06	5.08E-09	1.02E-09	1.02E-16	5.09E-10	1.22E-11	8.96E-12	2.49E-11	8.21E-11	4.85E-10	7.76E-12	1.75E-10	8.90E-09	8.25E-10	1.06E-08
262	SG_262	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.100	5.73E-08	9.09E-08	Not Modelled	1.32E-09	4.85E-11	1.55E-06	5.24E-09	1.05E-09	1.05E-16	5.24E-10	1.25E-11	9.23E-12	2.57E-11	8.46E-11	5.00E-10	7.99E-12	1.80E-10	9.17E-09	8.50E-10	1.09E-08
263	SG_263	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6366.100	6.03E-08	9.61E-08	Not Modelled	1.29E-09	5.14E-11	1.54E-06	5.55E-09	1.11E-09	1.11E-16	5.55E-10	1.33E-11	9.78E-12	2.72E-11	8.96E-11	5.30E-10	8.47E-12	1.91E-10	9.72E-09	9.01E-10	1.16E-08
264	SG_264	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6366.100	7.15E-08	1.08E-07	Not Modelled	1.44E-09	5.87E-11	1.78E-06	6.35E-09	1.27E-09	1.27E-16	6.35E-10	1.52E-11	1.12E-11	3.11E-11	1.03E-10	6.06E-10	9.69E-12	2.19E-10	1.11E-08	1.03E-09	1.32E-08
270	SG_270	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.900	6366.100	2.12E-07	2.64E-07	Not Modelled	4.90E-09	1.49E-10	4.25E-06	1.61E-08	3.22E-09	3.22E-16	1.61E-09	3.85E-11	2.84E-11	7.89E-11	2.60E-10	1.54E-09	2.46E-11	5.55E-10	2.82E-08	2.61E-09	3.36E-08
271	SG_271	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.100	6366.100	2.24E-07	3.22E-07	Not Modelled	5.77E-09	1.72E-10	4.68E-06	1.86E-08	3.71E-09	3.71E-16	1.86E-09	4.44E-11	3.27E-11	9.11E-11	3.00E-10	1.77E-09	2.84E-11	6.40E-10	3.25E-08	3.01E-09	3.88E-08
279	SG_279	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6366.100	1.81E-07	3.46E-07	Not Modelled	6.44E-09	1.67E-10	3.52E-06	1.81E-08	3.61E-09	3.61E-16	1.81E-09	4.32E-11	3.18E-11	8.85E-11	2.91E-10	1.72E-09	2.76E-11	6.22E-10	3.16E-08	2.93E-09	3.77E-08
284	SG_284	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.300	9.53E-08	1.18E-07	Not Modelled	2.77E-09	6.65E-11	2.45E-06	7.19E-09	1.44E-09	1.44E-16	7.19E-10	1.72E-11	1.27E-11	3.52E-11	1.16E-10	6.86E-10	1.10E-11	2.48E-10	1.26E-08	1.17E-09	1.50E-08
285	SG_285	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.300	1.11E-07	1.10E-07	Not Modelled	2.57E-09	6.82E-11	2.72E-06	7.37E-09	1.47E-09	1.47E-16	7.38E-10	1.76E-11	1.30E-11	3.62E-11	1.19E-10	7.04E-10	1.13E-11	2.54E-10	1.29E-08	1.20E-09	1.54E-08
286	SG_286	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.300	1.19E-07	1.07E-07	Not Modelled	2.51E-09	6.96E-11	2.90E-06	7.52E-09	1.50E-09	1.50E-16	7.52E-10	1.80E-11	1.32E-11	3.69E-11	1.21E-10	7.17E-10	1.15E-11	2.59E-10	1.32E-08	1.22E-09	1.57E-08
287	SG_287	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.300	1.17E-07	1.09E-07	Not Modelled	2.52E-09	7.03E-11	3.02E-06	7.59E-09	1.52E-09	1.52E-16	7.60E-10	1.82E-11	1.34E-11	3.72E-11	1.23E-10	7.25E-10	1.16E-11	2.62E-10	1.33E-08	1.23E-09	1.58E-08
288	SG_288	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.300	1.06E-07	1.09E-07	Not Modelled	2.41E-09	6.76E-11	2.95E-06	7.31E-09	1.46E-09	1.46E-16	7.31E-10	1.75E-11	1.29E-11	3.58E-11	1.18E-10	6.97E-10	1.12E-11	2.52E-10	1.28E-08	1.19E-09	1.52E-08
289	SG_289	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.300	9.49E-08	1.07E-07	Not Modelled	2.25E-09	6.39E-11	2.81E-06	6.90E-09	1.38E-09	1.38E-16	6.91E-10	1.65E-11	1.22E-11	3.39E-11	1.12E-10	6.59E-10	1.05E-11	2.38E-10	1.21E-08	1.12E-09	1.44E-08
290	SG_290	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.300	8.49E-08	1.02E-07	Not Modelled	2.03E-09	5.96E-11	2.58E-06	6.44E-09	1.29E-09	1.29E-16	6.44E-10	1.54E-11	1.13E-11	3.16E-11	1.04E-10	6.14E-10	9.82E-12	2.22E-10	1.13E-08	1.04E-09	1.34E-08
291	SG_291	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.300	7.75E-08	9.70E-08	Not Modelled	1.82E-09	5.60E-11	2.33E-06	6.05E-09	1.21E-09	1.21E-16	6.05E-10	1.45E-11	1.07E-11	2.97E-11	9.77E-11	5.78E-10	9.24E-12	2.09E-10	1.06E-08	9.82E-10	1.26E-08
292	SG_292	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.300	7.46E-08	9.44E-08	Not Modelled	1.67E-09	5.44E-11	2.18E-06	5.88E-09	1.18E-09	1.18E-16	5.88E-10	1.41E-11	1.04E-11	2.88E-11	9.49E-11	5.61E-10	8.97E-12	2.03E-10	1.03E-08	9.54E-10	1.23E-08
293	SG_293	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.300	6.93E-08	9.33E-08	Not Modelled	1.52E-09	5.27E-11	1.94E-06	5.70E-09	1.14E-09	1.14E-16	5.70E-10	1.36E-11	1.00E-11	2.79E-11	9.20E-11	5.44E-10	8.70E-12	1.96E-10	9.98E-09	9.24E-10	1.19E-08
294	SG_294	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6366.300	6.93E-08	9.68E-08	Not Modelled	1.46E-09	5.41E-11	1.91E-06	5.85E-09	1.17E-09	1.17E-16	5.85E-10	1.40E-11	1.03E-11	2.87E-11	9.45E-11	5.58E-10	8.93E-12	2.02E-10	1.02E-08	9.49E-10	1.22E-08
295	SG_295	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6366.300	7.99E-08	1.09E-07	Not Modelled	1.60E-09	6.11E-11	2.14E-06	6.61E-09	1.32E-09	1.32E-16	6.61E-10	1.58E-11	1.16E-11	3.24E-11	1.07E-10	6.31E-10	1.01E-11	2.28E-10	1.16E-08	1.07E-09	1.38E-08
315	SG_315	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.500	1.09E-07	1.05E-07	Not Modelled	2.94E-09	6.63E-11	2.56E-06	7.16E-09	1.43E-09	1.43E-16	7.16E-10	1.71E-11	1.26E-11	3.51E-11	1.16E-10	6.83E-10	1.09E-11	2.47E-10	1.25E-08	1.16E-09	1.49E-08
316	SG_316	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.500	1.39E-07	9.07E-08	Not Modelled	2.74E-09	7.00E-11	2.89E-06	7.57E-09	1.51E-09	1.51E-16	7.57E-10	1.81E-11	1.33E-11	3.71E-11	1.22E-10	7.22E-10	1.16E-11	2.61E-10	1.32E-08	1.23E-09	1.58E-08

AQIA DATA - SCENARIO 2 RECREATIONAL

Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution

All Pollutants

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**SG_725**	**SG_725**	**#N/A**	**NG_783**	**SG_725**	**NG_783**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**378.900**	**378.900**	**#N/A**	**378.814**	**378.900**	**378.814**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**
						Y	**6369.100**	**6369.100**	**#N/A**	**6367.557**	**6369.100**	**6367.557**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**
317	SG_317	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.500	1.55E-07	9.22E-08	Not Modelled	2.77E-09	7.53E-11	3.22E-06	8.13E-09	1.63E-09	1.63E-16	8.14E-10	1.95E-11	1.43E-11	3.99E-11	1.31E-10	7.76E-10	1.24E-11	2.80E-10	1.42E-08	1.32E-09	1.70E-08
318	SG_318	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.500	1.52E-07	1.11E-07	Not Modelled	2.93E-09	8.13E-11	3.52E-06	8.78E-09	1.76E-09	1.76E-16	8.79E-10	2.10E-11	1.55E-11	4.31E-11	1.42E-10	8.38E-10	1.34E-11	3.03E-10	1.54E-08	1.43E-09	1.83E-08
319	SG_319	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.500	1.44E-07	1.36E-07	Not Modelled	3.17E-09	8.75E-11	3.89E-06	9.46E-09	1.89E-09	1.89E-16	9.46E-10	2.26E-11	1.67E-11	4.64E-11	1.53E-10	9.03E-10	1.44E-11	3.26E-10	1.66E-08	1.53E-09	1.97E-08
320	SG_320	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.500	1.39E-07	1.55E-07	Not Modelled	3.40E-09	9.28E-11	4.37E-06	1.00E-08	2.01E-09	2.01E-16	1.00E-09	2.40E-11	1.77E-11	4.92E-11	1.62E-10	9.57E-10	1.53E-11	3.46E-10	1.76E-08	1.63E-09	2.09E-08
321	SG_321	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.500	1.28E-07	1.56E-07	Not Modelled	3.28E-09	9.04E-11	4.37E-06	9.76E-09	1.95E-09	1.95E-16	9.77E-10	2.34E-11	1.72E-11	4.79E-11	1.58E-10	9.32E-10	1.49E-11	3.36E-10	1.71E-08	1.58E-09	2.04E-08
322	SG_322	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.500	1.12E-07	1.44E-07	Not Modelled	2.84E-09	8.19E-11	3.79E-06	8.85E-09	1.77E-09	1.77E-16	8.85E-10	2.12E-11	1.56E-11	4.34E-11	1.43E-10	8.45E-10	1.35E-11	3.05E-10	1.55E-08	1.44E-09	1.85E-08
323	SG_323	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.500	9.82E-08	1.29E-07	Not Modelled	2.36E-09	7.30E-11	3.08E-06	7.88E-09	1.58E-09	1.58E-16	7.89E-10	1.89E-11	1.39E-11	3.87E-11	1.27E-10	7.53E-10	1.20E-11	2.72E-10	1.38E-08	1.28E-09	1.65E-08
324	SG_324	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.500	8.69E-08	1.18E-07	Not Modelled	2.00E-09	6.64E-11	2.61E-06	7.18E-09	1.44E-09	1.44E-16	7.18E-10	1.72E-11	1.27E-11	3.52E-11	1.16E-10	6.86E-10	1.10E-11	2.47E-10	1.26E-08	1.16E-09	1.50E-08
325	SG_325	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6366.500	8.21E-08	1.15E-07	Not Modelled	1.82E-09	6.40E-11	2.40E-06	6.92E-09	1.38E-09	1.38E-16	6.92E-10	1.65E-11	1.22E-11	3.39E-11	1.12E-10	6.60E-10	1.06E-11	2.38E-10	1.21E-08	1.12E-09	1.44E-08
326	SG_326	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6366.500	1.00E-07	1.45E-07	Not Modelled	2.18E-09	7.93E-11	2.95E-06	8.57E-09	1.71E-09	1.71E-16	8.57E-10	2.05E-11	1.51E-11	4.20E-11	1.38E-10	8.18E-10	1.31E-11	2.95E-10	1.50E-08	1.39E-09	1.79E-08
327	SG_327	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6366.500	1.33E-07	2.10E-07	Not Modelled	2.98E-09	1.10E-10	3.99E-06	1.19E-08	2.38E-09	2.38E-16	1.19E-09	2.85E-11	2.10E-11	5.83E-11	1.92E-10	1.14E-09	1.82E-11	4.10E-10	2.08E-08	1.93E-09	2.48E-08
346	SG_346	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.700	1.10E-07	9.44E-08	Not Modelled	2.98E-09	6.31E-11	2.60E-06	6.82E-09	1.36E-09	1.36E-16	6.83E-10	1.63E-11	1.20E-11	3.35E-11	1.10E-10	6.51E-10	1.04E-11	2.35E-10	1.19E-08	1.11E-09	1.42E-08
347	SG_347	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.700	1.37E-07	8.37E-08	Not Modelled	2.81E-09	6.75E-11	2.83E-06	7.30E-09	1.46E-09	1.46E-16	7.30E-10	1.75E-11	1.29E-11	3.58E-11	1.18E-10	6.97E-10	1.11E-11	2.52E-10	1.28E-08	1.18E-09	1.52E-08
348	SG_348	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.700	1.53E-07	1.00E-07	Not Modelled	3.01E-09	7.80E-11	3.25E-06	8.43E-09	1.69E-09	1.69E-16	8.43E-10	2.02E-11	1.49E-11	4.13E-11	1.36E-10	8.04E-10	1.29E-11	2.90E-10	1.48E-08	1.37E-09	1.76E-08
349	SG_349	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.700	1.56E-07	1.50E-07	Not Modelled	3.51E-09	9.55E-11	3.91E-06	1.03E-08	2.06E-09	2.06E-16	1.03E-09	2.47E-11	1.82E-11	5.06E-11	1.67E-10	9.85E-10	1.58E-11	3.56E-10	1.81E-08	1.67E-09	2.15E-08
350	SG_350	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.700	1.56E-07	2.12E-07	Not Modelled	4.16E-09	1.16E-10	4.71E-06	1.26E-08	2.52E-09	2.52E-16	1.26E-09	3.01E-11	2.22E-11	6.17E-11	2.03E-10	1.20E-09	1.92E-11	4.34E-10	2.20E-08	2.04E-09	2.63E-08
351	SG_351	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.700	1.62E-07	2.54E-07	Not Modelled	4.71E-09	1.33E-10	5.41E-06	1.43E-08	2.86E-09	2.86E-16	1.43E-09	3.43E-11	2.52E-11	7.02E-11	2.31E-10	1.37E-09	2.19E-11	4.94E-10	2.51E-08	2.32E-09	2.99E-08
352	SG_352	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.700	1.59E-07	2.62E-07	Not Modelled	4.80E-09	1.35E-10	5.63E-06	1.46E-08	2.91E-09	2.91E-16	1.46E-09	3.48E-11	2.57E-11	7.14E-11	2.35E-10	1.39E-09	2.22E-11	5.02E-10	2.55E-08	2.36E-09	3.04E-08
353	SG_353	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6366.700	1.43E-07	2.39E-07	Not Modelled	4.31E-09	1.23E-10	5.10E-06	1.33E-08	2.66E-09	2.66E-16	1.33E-09	3.18E-11	2.35E-11	6.53E-11	2.15E-10	1.27E-09	2.03E-11	4.59E-10	2.33E-08	2.16E-09	2.78E-08
354	SG_354	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6366.700	1.29E-07	2.17E-07	Not Modelled	3.75E-09	1.12E-10	4.52E-06	1.21E-08	2.42E-09	2.42E-16	1.21E-09	2.90E-11	2.14E-11	5.95E-11	1.96E-10	1.16E-09	1.85E-11	4.18E-10	2.12E-08	1.97E-09	2.53E-08
355	SG_355	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6366.700	1.17E-07	1.98E-07	Not Modelled	3.24E-09	1.02E-10	4.03E-06	1.11E-08	2.21E-09	2.21E-16	1.11E-09	2.65E-11	1.95E-11	5.43E-11	1.79E-10	1.06E-09	1.69E-11	3.81E-10	1.94E-08	1.80E-09	2.31E-08
377	SG_377	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6366.900	9.84E-08	9.07E-08	Not Modelled	2.81E-09	5.91E-11	2.42E-06	6.39E-09	1.28E-09	1.28E-16	6.39E-10	1.53E-11	1.13E-11	3.13E-11	1.03E-10	6.10E-10	9.75E-12	2.20E-10	1.12E-08	1.04E-09	1.33E-08
378	SG_378	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6366.900	1.17E-07	9.46E-08	Not Modelled	2.99E-09	6.61E-11	2.73E-06	7.14E-09	1.43E-09	1.43E-16	7.14E-10	1.71E-11	1.26E-11	3.50E-11	1.15E-10	6.81E-10	1.09E-11	2.46E-10	1.25E-08	1.16E-09	1.49E-08
379	SG_379	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6366.900	1.30E-07	1.25E-07	Not Modelled	3.52E-09	8.02E-11	3.25E-06	8.67E-09	1.73E-09	1.73E-16	8.68E-10	2.07E-11	1.53E-11	4.25E-11	1.40E-10	8.28E-10	1.32E-11	2.99E-10	1.52E-08	1.41E-09	1.81E-08
380	SG_380	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6366.900	1.41E-07	1.88E-07	Not Modelled	4.30E-09	1.04E-10	4.06E-06	1.13E-08	2.26E-09	2.26E-16	1.13E-09	2.70E-11	1.99E-11	5.53E-11	1.82E-10	1.08E-09	1.72E-11	3.89E-10	1.97E-08	1.83E-09	2.35E-08
381	SG_381	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6366.900	1.57E-07	2.60E-07	Not Modelled	5.11E-09	1.33E-10	4.94E-06	1.44E-08	2.88E-09	2.88E-16	1.44E-09	3.45E-11	2.54E-11	7.07E-11	2.33E-10	1.38E-09	2.20E-11	4.97E-10	2.52E-08	2.34E-09	3.01E-08
382	SG_382	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6366.900	1.84E-07	3.26E-07	Not Modelled	6.14E-09	1.64E-10	6.01E-06	1.77E-08	3.54E-09	3.54E-16	1.77E-09	4.23E-11	3.12E-11	8.67E-11	2.86E-10	1.69E-09	2.70E-11	6.10E-10	3.10E-08	2.87E-09	3.69E-08
383	SG_383	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6366.900	2.10E-07	3.82E-07	Not Modelled	7.31E-09	1.90E-10	7.31E-06	2.05E-08	4.11E-09	4.11E-16	2.06E-09	4.91E-11	3.62E-11	1.01E-10	3.32E-10	1.96E-09	3.14E-11	7.08E-10	3.60E-08	3.33E-09	4.29E-08
397	SG_397	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.500	6366.900	3.65E-07	7.01E-07	Not Modelled	1.83E-08	3.37E-10	9.14E-06	3.64E-08	7.29E-09	7.29E-16	3.65E-09	8.72E-11	6.42E-11	1.79E-10	5.89E-10	3.48E-09	5.57E-11	1.26E-09	6.38E-08	5.91E-09	7.61E-08
398	SG_398	Sampling Grid - 200m	Parks/ Recreation	Offsite	381.700	6366.900	3.16E-07	6.05E-07	Not Modelled	1.31E-08	2.92E-10	7.03E-06	3.16E-08	6.32E-09	6.32E-16	3.16E-09	7.56E-11	5.57E-11	1.55E-10	5.10E-10	3.02E-09	4.83E-11	1.09E-09	5.53E-08	5.13E-09	6.60E-08
408	SG_408	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.100	9.41E-08	1.03E-07	Not Modelled	2.93E-09	6.25E-11	2.48E-06	6.75E-09	1.35E-09	1.35E-16	6.75E-10	1.62E-11	1.19E-11	3.31E-11	1.09E-10	6.45E-10	1.03E-11	2.33E-10	1.18E-08	1.10E-09	1.41E-08
409	SG_409	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.100	1.05E-07	1.20E-07	Not Modelled	3.52E-09	7.16E-11	2.89E-06	7.74E-09	1.55E-09	1.55E-16	7.74E-10	1.85E-11	1.36E-11	3.80E-11	1.25E-10	7.39E-10	1.18E-11	2.67E-10	1.36E-08	1.26E-09	1.62E-08
412	SG_412	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6367.100	1.51E-07	2.63E-07	Not Modelled	6.19E-09	1.34E-10	4.98E-06	1.45E-08	2.90E-09	2.90E-16	1.45E-09	3.46E-11	2.55E-11	7.10E-11	2.34E-10	1.38E-09	2.21E-11	4.99E-10	2.53E-08	2.35E-09	3.02E-08
413	SG_413	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6367.100	1.87E-07	3.39E-07	Not Modelled	7.85E-09	1.70E-10	6.30E-06	1.84E-08	3.68E-09	3.68E-16	1.84E-09	4.40E-11	3.24E-11	9.02E-11	2.97E-10	1.76E-09	2.81E-11	6.34E-10	3.22E-08	2.98E-09	3.84E-08
414	SG_414	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6367.100	2.42E-07	4.47E-07	Not Modelled	1.08E-08	2.22E-10	8.51E-06	2.40E-08	4.80E-09	4.80E-16	2.40E-09	5.74E-11	4.23E-11	1.18E-10	3.87E-10	2.29E-09	3.66E-11	8.27E-10	4.20E-08	3.89E-09	5.01E-08
438	SG_438	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6367.300	8.46E-08	1.10E-07	Not Modelled	2.72E-09	6.23E-11	2.35E-06	6.74E-09	1.35E-09	1.35E-16	6.74E-10	1.61E-11	1.19E-11	3.30E-11	1.09E-10	6.43E-10	1.03E-11	2.32E-10	1.18E-08	1.09E-09	1.41E-08
439	SG_439	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.300	9.47E-08	1.28E-07	Not Modelled	3.23E-09	7.16E-11	2.79E-06	7.74E-09	1.55E-09	1.55E-16	7.74E-10	1.85E-11	1.36E-11	3.80E-11	1.25E-10	7.39E-10	1.18E-11	2.67E-10	1.36E-08	1.26E-09	1.62E-08
440	SG_440	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.300	1.01E-07	1.48E-07	Not Modelled	3.95E-09	8.04E-11	3.04E-06	8.69E-09	1.74E-09	1.74E-16	8.69E-10	2.08E-11	1.53E-11	4.26E-11	1.40E-10	8.29E-10	1.33E-11	2.99E-10	1.52E-08	1.41E-09	1.81E-08
442	SG_442	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6367.300	1.29E-07	2.22E-07	Not Modelled	6.30E-09	1.14E-10	4.44E-06	1.23E-08	2.46E-09	2.46E-16	1.23E-09	2.94E-11	2.17E-11	6.03E-11	1.99E-10	1.17E-09	1.88E-11	4.24E-10	2.15E-08	1.99E-09	2.57E-08
443	SG_443	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6367.300	1.52E-07	2.72E-07	Not Modelled	7.70E-09	1.38E-10	5.37E-06	1.49E-08	2.98E-09	2.98E-16	1.49E-09	3.56E-11	2.62E-11	7.30E-11	2.40E-10	1.42E-09	2.27E-11	5.13E-10	2.61E-08	2.42E-09	3.11E-08
444	SG_444	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6367.300	1.87E-07	3.41E-07	Not Modelled	1.05E-08	1.72E-10	6.97E-06	1.86E-08	3.71E-09	3.71E-16	1.86E-09	4.44E-11	3.27E-11	9.10E-11	3.00E-10	1.77E-09	2.83E-11	6.40E-10	3.25E-08	3.01E-09	3.87E-08
445	SG_445	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6367.300	2.45E-07	4.53E-07	Not Modelled	1.58E-08	2.26E-10	9.84E-06	2.44E-08	4.88E-09	4.88E-16	2.44E-09	5.84E-11	4.31E-11	1.20E-10	3.94E-10	2.33E-09	3.73E-11	8.42E-10	4.28E-08	3.96E-09	5.10E-08
467	SG_467	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6367.500	6.71E-08	9.18E-08	Not Modelled	2.06E-09	5.15E-11	1.74E-06	5.56E-09	1.11E-09	1.11E-16	5.56E-10	1.33E-11	9.81E-12	2.73E-11	8.98E-11	5.31E-10	8.49E-12	1.92E-10	9.74E-09	9.02E-10	1.16E-08
468	SG_468	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6367.500	7.61E-08	1.05E-07	Not Modelled	2.33E-09	5.85E-11	2.06E-06	6.33E-09	1.26E-09	1.26E-16	6.33E-10	1.51E-11	1.11E-11	3.10E-11	1.02E-10	6.04E-10	9.66E-12	2.18E-10	1.11E-08	1.03E-09	1.32E-08
469	SG_469	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6367.500	8.54E-08	1.23E-07	Not Modelled	2.70E-09	6.77E-11	2.45E-06	7.32E-09	1.46E-09	1.46E-16	7.32E-10	1.75E-11	1.29E-11	3.59E-11	1.18E-10	6.99E-10	1.12E-11	2.52E-10	1.28E-08	1.19E-09	1.53E-08
470	SG_470	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.500	9.17E-08	1.41E-07	Not Modelled	3.14E-09	7.58E-11	2.62E-06	8.19E-09	1.64E-09	1.64E-16	8.20E-10	1.96E-11	1.44E-11	4.02E-11	1.32E-10	7.82E-10	1.25E-11	2.82E-10	1.43E-08	1.33E-09	1.71E-08
471	SG_471	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.500	1.00E-07	1.63E-07	Not Modelled	3.93E-09	8.62E-11	3.00E-06	9.32E-09	1.86E-09	1.86E-16	9.32E-10	2.23E-11	1.64E-11	4.57E-11	1.50E-10	8.90E-10	1.42E-11	3.21E-10	1.63E-08	1.51E-09	1.94E-08
472	SG_472	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6367.500	1.11E-07	1.89E-07	Not Modelled	5.03E-09	9.81E-11	3.49E-06	1.06E-08	2.12E-09	2.12E-16	1.06E-09	2.54E-11	1.87E-11	5.20E-11	1.71E-10	1.01E-09	1.62E-11	3.66E-10	1.86E-08	1.72E-09	2.21E-08
473	SG_473	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6367.500	1.29E-07	2.27E-07	Not Modelled	6.59E-09	1.16E-10	4.38E-06	1.26E-08	2.51E-09	2.51E-16	1.26E-09	3.00E-11	2.21E-11	6.16E-11	2.03E-10	1.20E-09	1.92E-11	4.33E-10	2.20E-08	2.04E-09	2.62E-08
474	SG_474	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6367.500	1.55E-07	2.80E-07	Not Modelled	8.91E-09	1.42E-10	5.75E-06	1.53E-08	3.06E-09	3.06E-16	1.53E-09	3.67E-11	2.70E-11	7.52E-11	2.47E-10	1.46E-09	2.34E-11	5.28E-10	2.68E-08	2.49E-09	3.20E-08
497	SG_497	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6367.700	6.10E-08	8.58E-08	Not Modelled	1.74E-09	4.78E-11	1.54E-06	5.16E-09	1.03E-09	1.03E-16	5.16E-10	1.24E-11	9.10E-12	2.53E-11	8.34E-11	4.93E-10	7.88E-12	1.78E-10	9.04E-09	8.38E-10	1.08E-08
498	SG_498	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6367.700	6.85E-08	9.60E-08	Not Modelled	1.96E-09	5.37E-11	1.77E-06	5.80E-09	1.16E-09	1.16E-16	5.80E-10	1.39E-11	1.02E-11	2.84E-11	9.37E-11	5.54E-10	8.86E-12	2.00E-10	1.02E-08	9.41E-10	1.21E-08
500	SG_500	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6367.700	8.44E-08	1.31E-07	Not Modelled	2.56E-09	7.09E-11	2.26E-06	7.67E-09	1.53E-09	1.53E-16	7.67E-10	1.83E-11	1.35E-11	3.76E-11	1.24E-10	7.32E-10	1.17E-11	2.64E-10	1.34E-08	1.24E-09	1.60E-08
501	SG_501	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.700	9.30E-08	1.51E-07	Not Modelled	3.03E-09	8.08E-11	2.50E-06	8.73E-09	1.75E-09	1.75E-16	8.73E-10	2.09E-11	1.54E-11	4.28E-11	1.41E-10	8.33E-10	1.33E-11	3.01E-10	1.53E-08	1.42E-09	1.82E-08
502	SG_502	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.700	1.04E-07	1.76E-07	Not Modelled	3.83E-09	9.28E-11	2.96E-06	1.00E-08	2.00E-09	2.00E-16	1.00E-09	2.40E-11	1.77E-11	4.92E-11	1.62E-10	9.57E-10	1.53E-11	3.46E-10	1.75E-08	1.63E-09	2.09E-08
503	SG_503	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6367.700	1.17E-07	2.02E-07	Not Modelled	5.02E-09	1.05E-10	3.55E-06	1.14E-08	2.28E-09	2.28E-16	1.14E-09	2.72E-11	2.01E-11	5.58E-11	1.84E-10	1.09E-09	1.74E-11	3.92E-10	1.99E-08	1.85E-09	2.37E-08
526	SG_526	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6367.700	2.16E-07	4.12E-07	Not Modelled	4.78E-09	2.00E-10	2.28E-06	2.16E-08	4.32E-09	4.32E-16	2.16E-09	5.16E-11	3.80E-11	1.06E-10	3.48E-10	2.06E-09	3.30E-11	7.44E-10	3.78E-08	3.50E-09	4.50E-08
528	SG_528	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6367.900	6.26E-08	8.86E-08	Not Modelled	1.69E-09	4.95E-11	1.55E-06	5.35E-09	1.07E-09	1.07E-16	5.36E-10	1.28E-11	9.44E-12	2.63E-11	8.64E-11	5.11E-10	8.17E-12	1.85E-10	9.37E-09	8.68E-10	1.12E-08
529	SG_529	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6367.900	7.11E-08	1.04E-07	Not Modelled	1.94E-09	5.74E-11	1.83E-06	6.20E-09	1.24E-09	1.24E-16	6.20E-10	1.48E-11	1.09E-11	3.04E-11	1.00E-10	5.92E-10	9.47E-12	2.14E-10	1.09E-08	1.01E-09	1.29E-08
532	SG_532	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6367.900	1.04E-07	1.73E-07	Not Modelled	3.09E-09	9.24E-11	2.63E-06	9.98E-09	2.00E-09	2.00E-16	9.98E-10	2.39E-11	1.76E-11	4.89E-11	1.61E-10	9.53E-10	1.52E-11	3.44E-10	1.75E-08	1.62E-09	2.08E-08
533	SG_533	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6367.900	1.18E-07	2.00E-07	Not Modelled	3.84E-09	1.06E-10	3.01E-06	1.15E-08	2.30E-09	2.30E-16	1.15E-09	2.75E-11	2.02E-11	5.63E-11	1.85E-10	1.10E-09	1.75E-11	3.96E-10	2.01E-08	1.86E-09	2.40E-08
534	SG_534	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6367.900	1.32E-07	2.28E-07	Not Modelled	5.04E-09	1.20E-10	3.58E-06	1.30E-08	2.59E-09	2.59E-16	1.30E-09	3.10E-11	2.29E-11	6.36E-11	2.09E-10	1.24E-09	1.98E-11	4.47E-10	2.27E-08	2.10E-09	2.71E-08
557	SG_557	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6367.900	2.07E-07	3.94E-07	Not Modelled	4.39E-09	1.91E-10	2.04E-06	2.07E-08	4.14E-09	4.14E-16	2.07E-09	4.95E-11	3.65E-11	1.01E-10	3.34E-10	1.98E-09	3.16E-11	7.13E-10	3.62E-08	3.36E-09	4.32E-08
558	SG_558	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6367.900	1.83E-07	3.49E-07	Not Modelled	3.95E-09	1.69E-10	1.83E-06	1.83E-08	3.66E-09	3.66E-16	1.83E-09	4.38E-11	3.22E-11	8.97E-11	2.95E-10	1.75E-09	2.79E-11	6.31E-10	3.20E-08	2.97E-09	3.82E-08
559	SG_559	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.100	6.67E-08	9.52E-08	Not Modelled	1.72E-09	5.33E-11	1.64E-06	5.76E-09	1.15E-09	1.15E-16	5.76E-10	1.38E-11	1.01E-11	2.82E-11	9.29E-11	5.50E-10	8.79E-12	1.98E-10	1.01E-08	9.34E-10	1.20E-08
560	SG_560	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.100	7.59E-08	1.13E-07	Not Modelled	1.97E-09	6.24E-11	1.90E-06	6.75E-09	1.35E-09	1.35E-16	6.75E-10	1.61E-11	1.19E-11	3.31E-11	1.09E-10	6.44E-10	1.03E-11	2.33E-10	1.18E-08	1.09E-09	1.41E-08
561	SG_561	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.100	8.45E-08	1.32E-07	Not Modelled	2.15E-09	7.23E-11	1.97E-06	7.81E-09	1.56E-09	1.56E-16	7.81E-10	1.87E-11	1.38E-11	3.83E-11	1.26E-10	7.46E-10	1.19E-11	2.69E-10	1.37E-08	1.27E-09	1.63E-08
562	SG_562	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.100	1.01E-07	1.65E-07	Not Modelled	2.58E-09	8.88E-11	2.31E-06	9.60E-09	1.92E-09	1.92E-16	9.60E-10	2.30E-11	1.69E-11	4.71E-11	1.55E-10	9.17E-10	1.47E-11	3.31E-10	1.68E-08	1.56E-09	2.00E-08
564	SG_564	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.100	1.43E-07	2.44E-07	Not Modelled	3.90E-09	1.30E-10	3.05E-06	1.40E-08	2.80E-09	2.80E-16	1.40E-09	3.35E-11	2.47E-11	6.88E-11	2.26E-10	1.34E-09	2.14E-11	4.83E-10	2.45E-08	2.27E-09	2.93E-08
565	SG_565	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.100	1.62E-07	2.79E-07	Not Modelled	5.04E-09	1.48E-10	3.60E-06	1.60E-08	3.20E-09	3.20E-16	1.60E-09	3.83E-11	2.82E-11	7.85E-11	2.58E-10	1.53E-09	2.44E-11	5.51E-10	2.80E-08	2.60E-09	3.34E-08
589	SG_589	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6368.100	1.89E-07	3.61E-07	Not Modelled	3.96E-09	1.75E-10	1.84E-06	1.89E-08	3.78E-09	3.78E-16	1.89E-09	4.52E-11	3.33E-11	9.27E-11	3.05E-10	1.80E-09	2.88E-11	6.51E-10	3.31E-08	3.07E-09	3.94E-08
590	SG_590	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.300	7.01E-08	1.01E-07	Not Modelled	1.70E-09	5.67E-11	1.60E-06	6.13E-09	1.23E-09	1.23E-16	6.13E-10	1.47E-11	1.08E-11	3.00E-11	9.89E-11	5.85E-10	9.35E-12	2.11E-10	1.07E-08	9.94E-10	1.28E-08
591	SG_591	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.300	8.09E-08	1.20E-07	Not Modelled	1.94E-09	6.70E-11	1.86E-06	7.24E-09	1.45E-09	1.45E-16	7.24E-10	1.73E-11	1.28E-11	3.55E-11	1.17E-10	6.91E-10	1.11E-11	2.50E-10	1.27E-08	1.17E-09	1.51E-08
592	SG_592	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.300	9.40E-08	1.47E-07	Not Modelled	2.21E-09	8.05E-11	2.06E-06	8.70E-09	1.74E-09	1.74E-16	8.71E-10	2.08E-11	1.53E-11	4.27E-11	1.41E-10	8.31E-10	1.33E-11	3.00E-10	1.52E-08	1.41E-09	1.82E-08
593	SG_593	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.300	1.14E-07	1.84E-07	Not Modelled	2.57E-09	1.00E-10	2.26E-06	1.08E-08	2.16E-09	2.16E-16	1.08E-09	2.59E-11	1.91E-11	5.30E-11	1.75E-10	1.03E-09	1.65E-11	3.73E-10	1.89E-08	1.75E-09	2.26E-08
594	SG_594	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.300	1.42E-07	2.38E-07	Not Modelled	3.12E-09	1.28E-10	2.53E-06	1.38E-08	2.76E-09	2.76E-16	1.38E-09	3.30E-11	2.43E-11	6.76E-11	2.23E-10	1.32E-09	2.11E-11	4.75E-10	2.41E-08	2.24E-09	2.88E-08
595	SG_595	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.300	1.76E-07	3.02E-07	Not Modelled	3.95E-09	1.60E-10	2.95E-06	1.73E-08	3.46E-09	3.46E-16	1.73E-09	4.14E-11	3.05E-11	8.49E-11	2.79E-10	1.65E-09	2.64E-11	5.97E-10	3.03E-08	2.81E-09	3.61E-08
597	SG_597	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6368.300	2.18E-07	3.75E-07	Not Modelled	6.34E-09	2.00E-10	4.06E-06	2.17E-08	4.33E-09	4.33E-16	2.17E-09	5.18E-11	3.82E-11	1.06E-10	3.50E-10	2.07E-09	3.31E-11	7.47E-10	3.79E-08	3.51E-09	4.52E-08
621	SG_621	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.500	7.51E-08	1.11E-07	Not Modelled	1.71E-09	6.20E-11	1.59E-06	6.70E-09	1.34E-09	1.34E-16	6.70E-10	1.60E-11	1.18E-11	3.29E-11	1.08E-10	6.40E-10	1.02E-11	2.31E-10	1.17E-08	1.09E-09	1.40E-08
622	SG_622	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.500	8.60E-08	1.27E-07	Not Modelled	1.87E-09	7.14E-11	1.73E-06	7.71E-09	1.54E-09	1.54E-16	7.71E-10	1.84E-11	1.36E-11	3.78E-11	1.25E-10	7.36E-10	1.18E-11	2.66E-10	1.35E-08	1.25E-09	1.61E-08
623	SG_623	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.500	1.01E-07	1.53E-07	Not Modelled	2.11E-09	8.58E-11	1.91E-06	9.27E-09	1.85E-09	1.85E-16	9.27E-10	2.22E-11	1.63E-11	4.55E-11	1.50E-10	8.85E-10	1.42E-11	3.20E-10	1.62E-08	1.50E-09	1.93E-08
624	SG_624	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.500	1.27E-07	1.99E-07	Not Modelled	2.53E-09	1.10E-10	2.22E-06	1.19E-08	2.37E-09	2.37E-16	1.19E-09	2.84E-11	2.09E-11	5.81E-11	1.91E-10	1.13E-09	1.81E-11	4.09E-10	2.07E-08	1.92E-09	2.47E-08
625	SG_625	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.500	1.63E-07	2.68E-07	Not Modelled	3.16E-09	1.44E-10	2.57E-06	1.56E-08	3.12E-09	3.12E-16	1.56E-09	3.73E-11	2.75E-11	7.65E-11	2.52E-10	1.49E-09	2.38E-11	5.38E-10	2.73E-08	2.53E-09	3.26E-08
626	SG_626	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.500	1.98E-07	3.35E-07	Not Modelled	3.83E-09	1.79E-10	2.76E-06	1.93E-08	3.87E-09	3.87E-16	1.93E-09	4.63E-11	3.41E-11	9.48E-11	3.12E-10	1.85E-09	2.95E-11	6.67E-10	3.39E-08	3.14E-09	4.04E-08
627	SG_627	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.500	2.27E-07	3.88E-07	Not Modelled	4.66E-09	2.07E-10	3.07E-06	2.24E-08	4.48E-09	4.48E-16	2.24E-09	5.36E-11	3.95E-11	1.10E-10	3.62E-10	2.14E-09	3.42E-11	7.72E-10	3.92E-08	3.63E-09	4.67E-08

AQIA DATA - SCENARIO 2 RECREATIONAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**SG_725**	**SG_725**	**#N/A**	**NG_783**	**SG_725**	**NG_783**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**378.900**	**378.900**	**#N/A**	**378.814**	**378.900**	**378.814**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**
						Y	**6369.100**	**6369.100**	**#N/A**	**6367.557**	**6369.100**	**6367.557**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**
652	SG_652	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.700	8.30E-08	1.29E-07	Not Modelled	1.78E-09	7.07E-11	1.59E-06	7.64E-09	1.53E-09	1.53E-16	7.65E-10	1.83E-11	1.35E-11	3.75E-11	1.23E-10	7.30E-10	1.17E-11	2.64E-10	1.34E-08	1.24E-09	1.60E-08
653	SG_653	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.700	9.48E-08	1.43E-07	Not Modelled	1.90E-09	7.99E-11	1.69E-06	8.63E-09	1.73E-09	1.73E-16	8.64E-10	2.07E-11	1.52E-11	4.23E-11	1.39E-10	8.24E-10	1.32E-11	2.98E-10	1.51E-08	1.40E-09	1.80E-08
654	SG_654	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.700	1.11E-07	1.66E-07	Not Modelled	2.10E-09	9.34E-11	1.85E-06	1.01E-08	2.02E-09	2.02E-16	1.01E-09	2.41E-11	1.78E-11	4.95E-11	1.63E-10	9.63E-10	1.54E-11	3.48E-10	1.77E-08	1.64E-09	2.11E-08
655	SG_655	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.700	1.33E-07	2.03E-07	Not Modelled	2.39E-09	1.14E-10	2.02E-06	1.23E-08	2.46E-09	2.46E-16	1.23E-09	2.94E-11	2.16E-11	6.02E-11	1.98E-10	1.17E-09	1.87E-11	4.23E-10	2.15E-08	1.99E-09	2.56E-08
656	SG_656	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.700	1.62E-07	2.57E-07	Not Modelled	2.84E-09	1.42E-10	2.22E-06	1.53E-08	3.07E-09	3.07E-16	1.54E-09	3.67E-11	2.71E-11	7.53E-11	2.48E-10	1.47E-09	2.34E-11	5.29E-10	2.69E-08	2.49E-09	3.20E-08
657	SG_657	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.700	1.98E-07	3.23E-07	Not Modelled	3.46E-09	1.76E-10	2.49E-06	1.90E-08	3.81E-09	3.81E-16	1.90E-09	4.55E-11	3.35E-11	9.33E-11	3.07E-10	1.82E-09	2.91E-11	6.56E-10	3.33E-08	3.09E-09	3.97E-08
658	SG_658	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.700	2.30E-07	3.82E-07	Not Modelled	4.15E-09	2.07E-10	2.77E-06	2.24E-08	4.48E-09	4.48E-16	2.24E-09	5.36E-11	3.95E-11	1.10E-10	3.62E-10	2.14E-09	3.42E-11	7.73E-10	3.93E-08	3.64E-09	4.68E-08
659	SG_659	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6368.700	2.56E-07	4.27E-07	Not Modelled	4.82E-09	2.33E-10	2.99E-06	2.52E-08	5.03E-09	5.03E-16	2.52E-09	6.02E-11	4.44E-11	1.23E-10	4.06E-10	2.40E-09	3.84E-11	8.67E-10	4.41E-08	4.08E-09	5.25E-08
683	SG_683	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6368.900	9.35E-08	1.53E-07	Not Modelled	1.85E-09	8.24E-11	1.53E-06	8.90E-09	1.78E-09	1.78E-16	8.90E-10	2.13E-11	1.57E-11	4.37E-11	1.44E-10	8.50E-10	1.36E-11	3.07E-10	1.56E-08	1.44E-09	1.86E-08
684	SG_684	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6368.900	1.08E-07	1.72E-07	Not Modelled	2.02E-09	9.36E-11	1.70E-06	1.01E-08	2.02E-09	2.02E-16	1.01E-09	2.42E-11	1.78E-11	4.96E-11	1.63E-10	9.66E-10	1.54E-11	3.49E-10	1.77E-08	1.64E-09	2.11E-08
685	SG_685	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6368.900	1.23E-07	1.92E-07	Not Modelled	2.21E-09	1.06E-10	1.86E-06	1.15E-08	2.29E-09	2.29E-16	1.15E-09	2.74E-11	2.02E-11	5.63E-11	1.85E-10	1.10E-09	1.75E-11	3.95E-10	2.01E-08	1.86E-09	2.39E-08
686	SG_686	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6368.900	1.40E-07	2.18E-07	Not Modelled	2.39E-09	1.21E-10	1.95E-06	1.31E-08	2.62E-09	2.62E-16	1.31E-09	3.13E-11	2.31E-11	6.42E-11	2.12E-10	1.25E-09	2.00E-11	4.52E-10	2.29E-08	2.13E-09	2.73E-08
687	SG_687	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6368.900	1.63E-07	2.55E-07	Not Modelled	2.67E-09	1.42E-10	2.06E-06	1.53E-08	3.07E-09	3.07E-16	1.53E-09	3.67E-11	2.70E-11	7.52E-11	2.48E-10	1.47E-09	2.34E-11	5.29E-10	2.69E-08	2.49E-09	3.20E-08
688	SG_688	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6368.900	1.89E-07	2.99E-07	Not Modelled	3.06E-09	1.66E-10	2.21E-06	1.80E-08	3.59E-09	3.59E-16	1.80E-09	4.30E-11	3.17E-11	8.81E-11	2.90E-10	1.72E-09	2.74E-11	6.20E-10	3.15E-08	2.92E-09	3.75E-08
689	SG_689	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6368.900	2.13E-07	3.42E-07	Not Modelled	3.46E-09	1.90E-10	2.34E-06	2.05E-08	4.10E-09	4.10E-16	2.05E-09	4.91E-11	3.62E-11	1.01E-10	3.31E-10	1.96E-09	3.13E-11	7.07E-10	3.59E-08	3.33E-09	4.28E-08
690	SG_690	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6368.900	2.42E-07	3.92E-07	Not Modelled	4.01E-09	2.17E-10	2.52E-06	2.35E-08	4.70E-09	4.70E-16	2.35E-09	5.62E-11	4.14E-11	1.15E-10	3.79E-10	2.24E-09	3.59E-11	8.10E-10	4.11E-08	3.81E-09	4.90E-08
691	SG_691	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6368.900	2.88E-07	4.72E-07	Not Modelled	4.95E-09	2.60E-10	2.88E-06	2.81E-08	5.63E-09	5.63E-16	2.81E-09	6.73E-11	4.96E-11	1.38E-10	4.54E-10	2.69E-09	4.30E-11	9.70E-10	4.93E-08	4.57E-09	5.87E-08
692	SG_692	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6368.900	3.62E-07	6.09E-07	Not Modelled	6.64E-09	3.31E-10	3.55E-06	3.57E-08	7.14E-09	7.14E-16	3.57E-09	8.55E-11	6.30E-11	1.75E-10	5.77E-10	3.41E-09	5.45E-11	1.23E-09	6.25E-08	5.80E-09	7.46E-08
693	SG_693	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6368.900	4.60E-07	7.88E-07	Not Modelled	9.22E-09	4.23E-10	4.44E-06	4.57E-08	9.13E-09	9.13E-16	4.57E-09	1.09E-10	8.05E-11	2.24E-10	7.37E-10	4.36E-09	6.97E-11	1.57E-09	7.99E-08	7.41E-09	9.53E-08
714	SG_714	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.100	1.06E-07	1.82E-07	Not Modelled	1.97E-09	9.60E-11	1.48E-06	1.04E-08	2.08E-09	2.08E-16	1.04E-09	2.48E-11	1.83E-11	5.09E-11	1.68E-10	9.91E-10	1.58E-11	3.58E-10	1.82E-08	1.68E-09	2.17E-08
715	SG_715	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.100	1.20E-07	2.02E-07	Not Modelled	2.13E-09	1.08E-10	1.61E-06	1.16E-08	2.33E-09	2.33E-16	1.16E-09	2.79E-11	2.05E-11	5.71E-11	1.88E-10	1.11E-09	1.78E-11	4.01E-10	2.04E-08	1.89E-09	2.43E-08
716	SG_716	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.100	1.33E-07	2.19E-07	Not Modelled	2.25E-09	1.18E-10	1.69E-06	1.28E-08	2.55E-09	2.55E-16	1.28E-09	3.06E-11	2.25E-11	6.26E-11	2.06E-10	1.22E-09	1.95E-11	4.40E-10	2.24E-08	2.07E-09	2.67E-08
717	SG_717	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.100	1.47E-07	2.40E-07	Not Modelled	2.41E-09	1.31E-10	1.80E-06	1.41E-08	2.83E-09	2.83E-16	1.42E-09	3.38E-11	2.49E-11	6.94E-11	2.28E-10	1.35E-09	2.16E-11	4.88E-10	2.48E-08	2.30E-09	2.95E-08
718	SG_718	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.100	1.65E-07	2.67E-07	Not Modelled	2.62E-09	1.47E-10	1.91E-06	1.59E-08	3.17E-09	3.17E-16	1.59E-09	3.79E-11	2.79E-11	7.78E-11	2.56E-10	1.51E-09	2.42E-11	5.47E-10	2.78E-08	2.57E-09	3.31E-08
719	SG_719	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.100	1.83E-07	2.93E-07	Not Modelled	2.84E-09	1.63E-10	1.98E-06	1.76E-08	3.52E-09	3.52E-16	1.76E-09	4.21E-11	3.10E-11	8.62E-11	2.84E-10	1.68E-09	2.68E-11	6.06E-10	3.08E-08	2.85E-09	3.67E-08
720	SG_720	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.100	2.07E-07	3.29E-07	Not Modelled	3.19E-09	1.83E-10	2.17E-06	1.98E-08	3.96E-09	3.96E-16	1.98E-09	4.73E-11	3.49E-11	9.70E-11	3.19E-10	1.89E-09	3.02E-11	6.82E-10	3.46E-08	3.21E-09	4.13E-08
721	SG_721	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6369.100	2.33E-07	3.69E-07	Not Modelled	3.64E-09	2.06E-10	2.34E-06	2.23E-08	4.45E-09	4.45E-16	2.23E-09	5.33E-11	3.93E-11	1.09E-10	3.60E-10	2.13E-09	3.40E-11	7.68E-10	3.90E-08	3.61E-09	4.65E-08
722	SG_722	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6369.100	2.76E-07	4.43E-07	Not Modelled	4.53E-09	2.45E-10	2.73E-06	2.65E-08	5.29E-09	5.29E-16	2.65E-09	6.33E-11	4.66E-11	1.30E-10	4.27E-10	2.53E-09	4.04E-11	9.12E-10	4.63E-08	4.29E-09	5.52E-08
723	SG_723	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6369.100	3.40E-07	5.62E-07	Not Modelled	6.11E-09	3.05E-10	3.33E-06	3.30E-08	6.60E-09	6.60E-16	3.30E-09	7.89E-11	5.81E-11	1.62E-10	5.33E-10	3.15E-09	5.04E-11	1.14E-09	5.77E-08	5.35E-09	6.88E-08
724	SG_724	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6369.100	4.29E-07	7.31E-07	Not Modelled	8.59E-09	3.90E-10	4.19E-06	4.21E-08	8.42E-09	8.42E-16	4.21E-09	1.01E-10	7.42E-11	2.07E-10	6.80E-10	4.02E-09	6.43E-11	1.45E-09	7.37E-08	6.83E-09	8.79E-08
725	SG_725	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6369.100	5.14E-07	8.89E-07	Not Modelled	1.14E-08	4.71E-10	4.92E-06	5.09E-08	1.02E-08	1.02E-15	5.09E-09	1.22E-10	8.97E-11	2.50E-10	8.22E-10	4.86E-09	7.77E-11	1.75E-09	8.91E-08	8.25E-09	1.06E-07
745	SG_745	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.300	1.18E-07	2.06E-07	Not Modelled	2.08E-09	1.08E-10	1.46E-06	1.16E-08	2.33E-09	2.33E-16	1.16E-09	2.78E-11	2.05E-11	5.70E-11	1.88E-10	1.11E-09	1.78E-11	4.01E-10	2.04E-08	1.89E-09	2.43E-08
746	SG_746	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.300	1.28E-07	2.21E-07	Not Modelled	2.16E-09	1.17E-10	1.46E-06	1.26E-08	2.52E-09	2.52E-16	1.26E-09	3.01E-11	2.22E-11	6.18E-11	2.03E-10	1.20E-09	1.92E-11	4.34E-10	2.20E-08	2.04E-09	2.63E-08
747	SG_747	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.300	1.40E-07	2.38E-07	Not Modelled	2.28E-09	1.27E-10	1.54E-06	1.37E-08	2.74E-09	2.74E-16	1.37E-09	3.28E-11	2.42E-11	6.73E-11	2.22E-10	1.31E-09	2.10E-11	4.73E-10	2.40E-08	2.23E-09	2.86E-08
748	SG_748	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.300	1.52E-07	2.56E-07	Not Modelled	2.41E-09	1.38E-10	1.60E-06	1.49E-08	2.97E-09	2.97E-16	1.49E-09	3.56E-11	2.62E-11	7.29E-11	2.40E-10	1.42E-09	2.27E-11	5.13E-10	2.60E-08	2.41E-09	3.10E-08
749	SG_749	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.300	1.69E-07	2.82E-07	Not Modelled	2.63E-09	1.53E-10	1.74E-06	1.65E-08	3.30E-09	3.30E-16	1.65E-09	3.95E-11	2.91E-11	8.09E-11	2.66E-10	1.57E-09	2.52E-11	5.69E-10	2.89E-08	2.68E-09	3.44E-08
750	SG_750	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.300	1.85E-07	3.05E-07	Not Modelled	2.82E-09	1.66E-10	1.82E-06	1.80E-08	3.60E-09	3.60E-16	1.80E-09	4.30E-11	3.17E-11	8.82E-11	2.90E-10	1.72E-09	2.75E-11	6.20E-10	3.15E-08	2.92E-09	3.75E-08
751	SG_751	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.300	2.06E-07	3.37E-07	Not Modelled	3.15E-09	1.84E-10	2.01E-06	1.99E-08	3.98E-09	3.98E-16	1.99E-09	4.77E-11	3.51E-11	9.77E-11	3.22E-10	1.90E-09	3.04E-11	6.87E-10	3.49E-08	3.23E-09	4.16E-08
752	SG_752	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6369.300	2.31E-07	3.70E-07	Not Modelled	3.58E-09	2.04E-10	2.24E-06	2.20E-08	4.41E-09	4.41E-16	2.20E-09	5.27E-11	3.88E-11	1.08E-10	3.56E-10	2.10E-09	3.36E-11	7.59E-10	3.86E-08	3.57E-09	4.60E-08
753	SG_753	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6369.300	2.68E-07	4.27E-07	Not Modelled	4.40E-09	2.35E-10	2.70E-06	2.54E-08	5.07E-09	5.07E-16	2.54E-09	6.07E-11	4.47E-11	1.24E-10	4.09E-10	2.42E-09	3.87E-11	8.74E-10	4.44E-08	4.11E-09	5.29E-08
754	SG_754	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6369.300	3.18E-07	5.14E-07	Not Modelled	5.72E-09	2.79E-10	3.28E-06	3.02E-08	6.03E-09	6.03E-16	3.02E-09	7.22E-11	5.32E-11	1.48E-10	4.87E-10	2.88E-09	4.61E-11	1.04E-09	5.28E-08	4.90E-09	6.30E-08
755	SG_755	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6369.300	3.77E-07	6.25E-07	Not Modelled	7.54E-09	3.35E-10	3.82E-06	3.62E-08	7.24E-09	7.24E-16	3.62E-09	8.66E-11	6.38E-11	1.78E-10	5.85E-10	3.46E-09	5.53E-11	1.25E-09	6.34E-08	5.87E-09	7.56E-08
756	SG_756	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6369.300	4.37E-07	7.41E-07	Not Modelled	9.63E-09	3.94E-10	4.28E-06	4.26E-08	8.51E-09	8.51E-16	4.26E-09	1.02E-10	7.50E-11	2.09E-10	6.87E-10	4.06E-09	6.50E-11	1.47E-09	7.45E-08	6.90E-09	8.88E-08
757	SG_757	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.300	4.71E-07	8.08E-07	Not Modelled	1.13E-08	4.29E-10	4.45E-06	4.63E-08	9.27E-09	9.27E-16	4.64E-09	1.11E-10	8.17E-11	2.27E-10	7.48E-10	4.42E-09	7.08E-11	1.60E-09	8.11E-08	7.52E-09	9.67E-08
776	SG_776	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.500	1.22E-07	2.15E-07	Not Modelled	2.09E-09	1.12E-10	1.37E-06	1.21E-08	2.42E-09	2.42E-16	1.21E-09	2.90E-11	2.13E-11	5.94E-11	1.95E-10	1.16E-09	1.85E-11	4.17E-10	2.12E-08	1.96E-09	2.53E-08
777	SG_777	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.500	1.33E-07	2.32E-07	Not Modelled	2.19E-09	1.22E-10	1.39E-06	1.32E-08	2.63E-09	2.63E-16	1.32E-09	3.15E-11	2.32E-11	6.46E-11	2.13E-10	1.26E-09	2.01E-11	4.54E-10	2.31E-08	2.14E-09	2.75E-08
778	SG_778	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.500	1.42E-07	2.46E-07	Not Modelled	2.27E-09	1.30E-10	1.40E-06	1.41E-08	2.81E-09	2.81E-16	1.41E-09	3.37E-11	2.48E-11	6.90E-11	2.27E-10	1.34E-09	2.15E-11	4.85E-10	2.46E-08	2.28E-09	2.94E-08
779	SG_779	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.500	1.55E-07	2.65E-07	Not Modelled	2.42E-09	1.41E-10	1.48E-06	1.53E-08	3.05E-09	3.05E-16	1.53E-09	3.65E-11	2.69E-11	7.49E-11	2.47E-10	1.46E-09	2.33E-11	5.26E-10	2.67E-08	2.48E-09	3.19E-08
780	SG_780	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.500	1.70E-07	2.91E-07	Not Modelled	2.63E-09	1.56E-10	1.60E-06	1.68E-08	3.36E-09	3.36E-16	1.68E-09	4.02E-11	2.96E-11	8.24E-11	2.71E-10	1.61E-09	2.57E-11	5.79E-10	2.94E-08	2.73E-09	3.51E-08
781	SG_781	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.500	1.88E-07	3.20E-07	Not Modelled	2.89E-09	1.71E-10	1.72E-06	1.85E-08	3.70E-09	3.70E-16	1.85E-09	4.42E-11	3.26E-11	9.07E-11	2.99E-10	1.77E-09	2.82E-11	6.37E-10	3.24E-08	3.00E-09	3.86E-08
782	SG_782	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.500	2.11E-07	3.56E-07	Not Modelled	3.28E-09	1.91E-10	1.95E-06	2.06E-08	4.12E-09	4.12E-16	2.06E-09	4.93E-11	3.63E-11	1.01E-10	3.32E-10	1.97E-09	3.14E-11	7.10E-10	3.60E-08	3.34E-09	4.30E-08
783	SG_783	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.100	6369.500	2.33E-07	3.88E-07	Not Modelled	3.73E-09	2.08E-10	2.20E-06	2.25E-08	4.50E-09	4.50E-16	2.25E-09	5.38E-11	3.97E-11	1.10E-10	3.63E-10	2.15E-09	3.43E-11	7.75E-10	3.94E-08	3.65E-09	4.69E-08
784	SG_784	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.300	6369.500	2.64E-07	4.29E-07	Not Modelled	4.45E-09	2.31E-10	2.62E-06	2.50E-08	5.00E-09	5.00E-16	2.50E-09	5.98E-11	4.41E-11	1.23E-10	4.04E-10	2.39E-09	3.82E-11	8.62E-10	4.38E-08	4.06E-09	5.22E-08
785	SG_785	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.500	6369.500	2.98E-07	4.75E-07	Not Modelled	5.39E-09	2.57E-10	3.09E-06	2.78E-08	5.56E-09	5.56E-16	2.78E-09	6.65E-11	4.90E-11	1.36E-10	4.49E-10	2.66E-09	4.25E-11	9.59E-10	4.87E-08	4.51E-09	5.80E-08
786	SG_786	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6369.500	3.35E-07	5.31E-07	Not Modelled	6.60E-09	2.88E-10	3.52E-06	3.11E-08	6.22E-09	6.22E-16	3.11E-09	7.45E-11	5.49E-11	1.53E-10	5.03E-10	2.97E-09	4.75E-11	1.07E-09	5.45E-08	5.05E-09	6.50E-08
787	SG_787	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6369.500	3.66E-07	5.94E-07	Not Modelled	7.90E-09	3.20E-10	3.70E-06	3.46E-08	6.91E-09	6.91E-16	3.46E-09	8.27E-11	6.09E-11	1.69E-10	5.58E-10	3.30E-09	5.28E-11	1.19E-09	6.05E-08	5.61E-09	7.21E-08
788	SG_788	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.500	3.81E-07	6.38E-07	Not Modelled	8.95E-09	3.41E-10	3.64E-06	3.69E-08	7.37E-09	7.37E-16	3.69E-09	8.82E-11	6.50E-11	1.81E-10	5.95E-10	3.52E-09	5.63E-11	1.27E-09	6.45E-08	5.98E-09	7.69E-08
807	SG_807	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.700	6369.700	1.23E-07	2.18E-07	Not Modelled	2.07E-09	1.13E-10	1.31E-06	1.23E-08	2.45E-09	2.45E-16	1.23E-09	2.93E-11	2.16E-11	6.01E-11	1.98E-10	1.17E-09	1.87E-11	4.23E-10	2.15E-08	1.99E-09	2.56E-08
808	SG_808	Sampling Grid - 200m	Parks/ Recreation	Offsite	376.900	6369.700	1.30E-07	2.29E-07	Not Modelled	2.11E-09	1.20E-10	1.25E-06	1.30E-08	2.59E-09	2.59E-16	1.30E-09	3.10E-11	2.29E-11	6.36E-11	2.09E-10	1.24E-09	1.98E-11	4.47E-10	2.27E-08	2.10E-09	2.71E-08
809	SG_809	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.100	6369.700	1.41E-07	2.45E-07	Not Modelled	2.22E-09	1.29E-10	1.28E-06	1.40E-08	2.80E-09	2.80E-16	1.40E-09	3.34E-11	2.46E-11	6.86E-11	2.26E-10	1.33E-09	2.13E-11	4.82E-10	2.45E-08	2.27E-09	2.92E-08
810	SG_810	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.300	6369.700	1.52E-07	2.63E-07	Not Modelled	2.36E-09	1.40E-10	1.34E-06	1.51E-08	3.02E-09	3.02E-16	1.51E-09	3.61E-11	2.66E-11	7.40E-11	2.44E-10	1.44E-09	2.30E-11	5.20E-10	2.64E-08	2.45E-09	3.15E-08
811	SG_811	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.500	6369.700	1.66E-07	2.87E-07	Not Modelled	2.56E-09	1.52E-10	1.42E-06	1.65E-08	3.29E-09	3.29E-16	1.65E-09	3.94E-11	2.90E-11	8.07E-11	2.66E-10	1.57E-09	2.51E-11	5.67E-10	2.88E-08	2.67E-09	3.44E-08
812	SG_812	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.700	6369.700	1.87E-07	3.24E-07	Not Modelled	2.92E-09	1.71E-10	1.63E-06	1.85E-08	3.70E-09	3.70E-16	1.85E-09	4.43E-11	3.26E-11	9.08E-11	2.99E-10	1.77E-09	2.83E-11	6.38E-10	3.24E-08	3.00E-09	3.86E-08
813	SG_813	Sampling Grid - 200m	Parks/ Recreation	Offsite	377.900	6369.700	2.09E-07	3.61E-07	Not Modelled	3.34E-09	1.90E-10	1.85E-06	2.05E-08	4.10E-09	4.10E-16	2.05E-09	4.91E-11	3.62E-11	1.01E-10	3.31E-10	1.96E-09	3.13E-11	7.07E-10	3.59E-08	3.33E-09	4.28E-08
819	SG_819	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.700	3.15E-07	5.10E-07	Not Modelled	7.24E-09	2.76E-10	3.08E-06	2.98E-08	5.96E-09	5.96E-16	2.98E-09	7.13E-11	5.25E-11	1.46E-10	4.81E-10	2.84E-09	4.55E-11	1.03E-09	5.22E-08	4.83E-09	6.22E-08
820	SG_820	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6369.700	3.12E-07	5.29E-07	Not Modelled	7.57E-09	2.82E-10	2.90E-06	3.04E-08	6.09E-09	6.09E-16	3.05E-09	7.28E-11	5.37E-11	1.49E-10	4.92E-10	2.91E-09	4.65E-11	1.05E-09	5.33E-08	4.94E-09	6.35E-08
850	SG_850	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6369.900	2.66E-07	4.21E-07	Not Modelled	6.02E-09	2.29E-10	2.63E-06	2.47E-08	4.94E-09	4.94E-16	2.47E-09	5.91E-11	4.36E-11	1.21E-10	3.99E-10	2.36E-09	3.77E-11	8.52E-10	4.33E-08	4.01E-09	5.16E-08
851	SG_851	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6369.900	2.62E-07	4.40E-07	Not Modelled	6.24E-09	2.35E-10	2.44E-06	2.53E-08	5.07E-09	5.07E-16	2.54E-09	6.06E-11	4.47E-11	1.24E-10	4.09E-10	2.42E-09	3.87E-11	8.74E-10	4.44E-08	4.11E-09	5.29E-08
881	SG_881	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6370.100	2.34E-07	3.70E-07	Not Modelled	5.27E-09	2.00E-10	2.32E-06	2.17E-08	4.33E-09	4.33E-16	2.17E-09	5.18E-11	3.82E-11	1.06E-10	3.50E-10	2.07E-09	3.31E-11	7.47E-10	3.79E-08	3.51E-09	4.52E-08
882	SG_882	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6370.100	2.26E-07	3.79E-07	Not Modelled	5.31E-09	2.01E-10	2.08E-06	2.18E-08	4.35E-09	4.35E-16	2.18E-09	5.21E-11	3.84E-11	1.07E-10	3.51E-10	2.08E-09	3.32E-11	7.50E-10	3.81E-08	3.53E-09	4.54E-08
883	SG_883	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6370.100	2.12E-07	3.65E-07	Not Modelled	5.01E-09	1.93E-10	1.81E-06	2.08E-08	4.17E-09	4.17E-16	2.08E-09	4.99E-11	3.67E-11	1.02E-10	3.36E-10	1.99E-09	3.18E-11	7.18E-10	3.65E-08	3.38E-09	4.35E-08
884	SG_884	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6370.100	1.95E-07	3.39E-07	Not Modelled	4.51E-09	1.79E-10	1.58E-06	1.94E-08	3.87E-09	3.87E-16	1.94E-09	4.63E-11	3.41E-11	9.50E-11	3.13E-10	1.85E-09	2.96E-11	6.68E-10	3.39E-08	3.14E-09	4.04E-08
911	SG_911	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6370.300	2.13E-07	3.28E-07	Not Modelled	4.63E-09	1.78E-10	2.13E-06	1.93E-08	3.86E-09	3.86E-16	1.93E-09	4.61E-11	3.40E-11	9.46E-11	3.11E-10	1.84E-09	2.94E-11	6.65E-10	3.38E-08	3.13E-09	4.02E-08
912	SG_912	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6370.300	2.09E-07	3.37E-07	Not Modelled	4.76E-09	1.81E-10	2.00E-06	1.95E-08	3.90E-09	3.90E-16	1.95E-09	4.67E-11	3.44E-11	9.57E-11	3.15E-10	1.86E-09	2.98E-11	6.72E-10	3.42E-08	3.16E-09	4.07E-08
913	SG_913	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6370.300	2.00E-07	3.38E-07	Not Modelled	4.70E-09	1.79E-10	1.81E-06	1.93E-08	3.86E-09	3.86E-16	1.93E-09	4.62E-11	3.40E-11	9.47E-11	3.12E-10	1.84E-09	2.95E-11	6.66E-10	3.38E-08	3.13E-09	4.03E-08
914	SG_914	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6370.300	1.84E-07	3.18E-07	Not Modelled	4.34E-09	1.68E-10	1.54E-06	1.81E-08	3.63E-09	3.63E-16	1.81E-09	4.34E-11	3.20E-11	8.89E-11	2.93E-10	1.73E-09	2.77E-11	6.25E-10	3.18E-08	2.94E-09	3.79E-08
915	SG_915	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6370.300	1.70E-07	2.96E-07	Not Modelled	3.93E-09	1.56E-10	1.36E-06	1.69E-08	3.38E-09	3.38E-16	1.69E-09	4.04E-11	2.98E-11	8.28E-11	2.73E-10	1.61E-09	2.58E-11	5.82E-10	2.96E-08	2.74E-09	3.53E-08
916	SG_916	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6370.300	1.59E-07	2.78E-07	Not Modelled	3.61E-09	1.47E-10	1.26E-06	1.59E-08	3.17E-09	3.17E-16	1.59E-09	3.79E-11	2.79E-11	7.77E-11	2.56E-10	1.51E-09	2.42E-11	5.47E-10	2.78E-08	2.57E-09	3.31E-08
941	SG_941	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.700	6370.500	2.04E-07	3.28E-07	Not Modelled	4.40E-09	1.74E-10	2.00E-06	1.88E-08	3.76E-09	3.76E-16	1.88E-09	4.50E-11	3.32E-11	9.23E-11	3.04E-10	1.80E-09	2.87E-11	6.49E-10	3.29E-08	3.05E-09	3.93E-08
942	SG_942	Sampling Grid - 200m	Parks/ Recreation	Offsite	378.900	6370.500	1.98E-07	3.20E-07	Not Modelled	4.46E-09	1.70E-10	1.89E-06	1.84E-08	3.67E-09	3.67E-16	1.84E-09	4.39E-11	3.24E-11	9.01E-11	2.97E-10	1.75E-09	2.80E-11	6.33E-10	3.22E-08	2.98E-09	3.83E-08
943	SG_943	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.100	6370.500	1.89E-07	3.15E-07	Not Modelled	4.42E-09	1.66E-10	1.73E-06	1.80E-08	3.59E-09	3.59E-16	1.80E-09	4.30E-11	3.17E-11	8.81E-11	2.90E-10	1.72E-09	2.74E-11	6.19E-10	3.15E-08	2.91E-09	3.75E-08
944	SG_944	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.300	6370.500	1.78E-07	3.05E-07	Not Modelled	4.23E-09	1.60E-10	1.56E-06	1.73E-08	3.46E-09	3.46E-16	1.73E-09	4.14E-11	3.05E-11	8.49E-11	2.80E-10	1.65E-09	2.64E-11	5.97E-10	3.03E-08	2.81E-09	3.61E-08
945	SG_945	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.500	6370.500	1.63E-07	2.83E-07	Not Modelled	3.85E-09	1.49E-10	1.34E-06	1.61E-08	3.21E-09	3.21E-16	1.61E-09	3.85E-11	2.83E-11	7.88E-11	2.60E-10	1.53E-09	2.45E-11	5.54E-10	2.81E-08	2.61E-09	3.35E-08
946	SG_946	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.700	6370.500	1.50E-07	2.62E-07	Not Modelled	3.47E-09	1.38E-10	1.18E-06	1.49E-08	2.98E-09	2.98E-16	1.49E-09	3.57E-11	2.63E-11	7.32E-11	2.41E-10	1.43E-09	2.28E-11	5.15E-10	2.61E-08	2.42E-09	3.12E-08
947	SG_947	Sampling Grid - 200m	Parks/ Recreation	Offsite	379.900	6370.500	1.41E-07	2.46E-07	Not Modelled	3.20E-09	1.29E-10	1.09E-06	1.40E-08	2.80E-09	2.80E-16	1.40E-09	3.35E-11	2.47E-11	6.86E-11	2.26E-10	1.34E-09	2.14E-11	4.82E-10	2.45E-08	2.27E-09	2.92E-08

AQIA DATA - SCENARIO 2 RECREATIONAL

							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
Receptor ID of Maximum Offsite Concentration / Deposition Rate							**SG_725**	**SG_725**	**#N/A**	**NG_783**	**SG_725**	**NG_783**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**	**SG_725**
Coordinates of Maximum Offsite Concentration/ Deposition Rate						**X**	**378.900**	**378.900**	**#N/A**	**378.814**	**378.900**	**378.814**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**	**378.900**
						Y	**6369.100**	**6369.100**	**#N/A**	**6367.557**	**6369.100**	**6367.557**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**	**6369.100**
948	SG_948	Sampling Grid - 200m	Parks/ Recreation	Offsite	380.100	6370.500	1.37E-07	2.42E-07	Not Modelled	3.12E-09	1.27E-10	1.10E-06	1.37E-08	2.74E-09	2.74E-16	1.37E-09	3.27E-11	2.41E-11	6.71E-11	2.21E-10	1.31E-09	2.09E-11	4.72E-10	2.40E-08	2.22E-09	2.86E-08
958	SG_958	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.100	6370.500	1.21E-07	2.27E-07	Not Modelled	2.63E-09	1.12E-10	9.40E-07	1.21E-08	2.42E-09	2.42E-16	1.21E-09	2.89E-11	2.13E-11	5.93E-11	1.95E-10	1.15E-09	1.85E-11	4.17E-10	2.12E-08	1.96E-09	2.52E-08
959	SG_959	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.300	6370.500	1.13E-07	2.13E-07	Not Modelled	2.46E-09	1.05E-10	8.69E-07	1.13E-08	2.26E-09	2.26E-16	1.13E-09	2.71E-11	2.00E-11	5.55E-11	1.83E-10	1.08E-09	1.73E-11	3.90E-10	1.98E-08	1.84E-09	2.36E-08
960	SG_960	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.500	6370.500	1.08E-07	2.04E-07	Not Modelled	2.35E-09	1.00E-10	8.31E-07	1.08E-08	2.16E-09	2.16E-16	1.08E-09	2.59E-11	1.91E-11	5.31E-11	1.75E-10	1.03E-09	1.65E-11	3.73E-10	1.90E-08	1.76E-09	2.26E-08
961	SG_961	Sampling Grid - 200m	Parks/ Recreation	Offsite	382.700	6370.500	1.04E-07	1.97E-07	Not Modelled	2.26E-09	9.65E-11	8.05E-07	1.04E-08	2.09E-09	2.09E-16	1.04E-09	2.50E-11	1.84E-11	5.12E-11	1.68E-10	9.96E-10	1.59E-11	3.60E-10	1.83E-08	1.69E-09	2.18E-08
962	SR_1	Sensitive Receptor	Recreational	Offsite	378.382	6370.479	2.07E-07	3.43E-07	Not Modelled	4.14E-09	1.79E-10	2.06E-06	1.94E-08	3.87E-09	3.87E-16	1.94E-09	4.63E-11	3.41E-11	9.49E-11	3.13E-10	1.85E-09	2.96E-11	6.67E-10	3.39E-08	3.14E-09	4.04E-08
963	SR_2	Sensitive Receptor	Recreational	Offsite	378.782	6370.266	2.21E-07	3.36E-07	Not Modelled	4.62E-09	1.83E-10	2.25E-06	1.98E-08	3.95E-09	3.95E-16	1.98E-09	4.73E-11	3.48E-11	9.69E-11	3.19E-10	1.89E-09	3.02E-11	6.81E-10	3.46E-08	3.21E-09	4.12E-08
964	SR_3	Sensitive Receptor	Recreational	Offsite	378.972	6369.893	2.70E-07	4.10E-07	Not Modelled	5.82E-09	2.26E-10	2.78E-06	2.44E-08	4.88E-09	4.88E-16	2.44E-09	5.84E-11	4.30E-11	1.20E-10	3.94E-10	2.33E-09	3.73E-11	8.41E-10	4.27E-08	3.96E-09	5.09E-08
965	SR_4	Sensitive Receptor	Recreational	Offsite	378.815	6369.579	3.35E-07	5.25E-07	Not Modelled	6.90E-09	2.86E-10	3.50E-06	3.09E-08	6.18E-09	6.18E-16	3.09E-09	7.39E-11	5.45E-11	1.52E-10	4.99E-10	2.95E-09	4.72E-11	1.06E-09	5.41E-08	5.01E-09	6.45E-08
966	SR_5	Sensitive Receptor	Recreational	Offsite	378.619	6369.367	3.40E-07	5.50E-07	Not Modelled	6.50E-09	2.98E-10	3.52E-06	3.22E-08	6.43E-09	6.43E-16	3.22E-09	7.69E-11	5.67E-11	1.58E-10	5.19E-10	3.07E-09	4.91E-11	1.11E-09	5.63E-08	5.22E-09	6.71E-08
967	SR_6	Sensitive Receptor	Recreational	Offsite	378.352	6369.171	2.86E-07	4.59E-07	Not Modelled	4.77E-09	2.53E-10	2.85E-06	2.73E-08	5.46E-09	5.46E-16	2.73E-09	6.53E-11	4.81E-11	1.34E-10	4.41E-10	2.61E-09	4.17E-11	9.41E-10	4.78E-08	4.43E-09	5.70E-08
968	SR_7	Sensitive Receptor	Recreational	Offsite	378.046	6369.006	2.28E-07	3.62E-07	Not Modelled	3.61E-09	2.02E-10	2.35E-06	2.19E-08	4.37E-09	4.37E-16	2.19E-09	5.23E-11	3.86E-11	1.07E-10	3.53E-10	2.09E-09	3.34E-11	7.54E-10	3.83E-08	3.55E-09	4.57E-08
969	SR_8	Sensitive Receptor	Recreational	Offsite	377.732	6368.896	1.93E-07	3.07E-07	Not Modelled	3.13E-09	1.70E-10	2.24E-06	1.84E-08	3.68E-09	3.68E-16	1.84E-09	4.40E-11	3.24E-11	9.03E-11	2.97E-10	1.76E-09	2.81E-11	6.34E-10	3.22E-08	2.99E-09	3.84E-08
970	SR_9	Sensitive Receptor	Recreational	Offsite	377.425	6368.786	1.52E-07	2.37E-07	Not Modelled	2.61E-09	1.32E-10	2.10E-06	1.42E-08	2.85E-09	2.85E-16	1.42E-09	3.41E-11	2.51E-11	6.98E-11	2.30E-10	1.36E-09	2.17E-11	4.91E-10	2.49E-08	2.31E-09	2.97E-08
971	SR_10	Sensitive Receptor	Recreational	Offsite	377.064	6368.660	1.06E-07	1.57E-07	Not Modelled	2.05E-09	8.87E-11	1.83E-06	9.59E-09	1.92E-09	1.92E-16	9.59E-10	2.29E-11	1.69E-11	4.70E-11	1.55E-10	9.16E-10	1.46E-11	3.31E-10	1.68E-08	1.56E-09	2.00E-08
972	SR_11	Sensitive Receptor	Recreational	Offsite	376.781	6368.472	7.86E-08	1.16E-07	Not Modelled	1.78E-09	6.47E-11	1.66E-06	6.99E-09	1.40E-09	1.40E-16	7.00E-10	1.67E-11	1.23E-11	3.43E-11	1.13E-10	6.68E-10	1.07E-11	2.41E-10	1.22E-08	1.13E-09	1.46E-08
973	SR_12	Sensitive Receptor	Recreational	Offsite	376.648	6368.197	6.63E-08	9.48E-08	Not Modelled	1.67E-09	5.31E-11	1.58E-06	5.73E-09	1.15E-09	1.15E-16	5.74E-10	1.37E-11	1.01E-11	2.81E-11	9.26E-11	5.48E-10	8.76E-12	1.98E-10	1.00E-08	9.30E-10	1.20E-08
974	SR_13	Sensitive Receptor	Recreational	Offsite	376.719	6367.859	6.29E-08	8.88E-08	Not Modelled	1.72E-09	4.96E-11	1.56E-06	5.36E-09	1.07E-09	1.07E-16	5.36E-10	1.28E-11	9.45E-12	2.63E-11	8.66E-11	5.12E-10	8.19E-12	1.85E-10	9.39E-09	8.70E-10	1.12E-08
975	SR_14	Sensitive Receptor	Recreational	Offsite	376.883	6367.624	6.75E-08	9.31E-08	Not Modelled	1.97E-09	5.23E-11	1.75E-06	5.65E-09	1.13E-09	1.13E-16	5.65E-10	1.35E-11	9.95E-12	2.77E-11	9.12E-11	5.39E-10	8.62E-12	1.95E-10	9.89E-09	9.16E-10	1.18E-08
976	SR_15	Sensitive Receptor	Recreational	Offsite	377.135	6367.428	7.74E-08	1.05E-07	Not Modelled	2.43E-09	5.87E-11	2.11E-06	6.35E-09	1.27E-09	1.27E-16	6.35E-10	1.52E-11	1.12E-11	3.11E-11	1.03E-10	6.06E-10	9.69E-12	2.19E-10	1.11E-08	1.03E-09	1.33E-08
977	SR_16	Sensitive Receptor	Recreational	Offsite	377.402	6367.239	8.96E-08	1.12E-07	Not Modelled	2.90E-09	6.46E-11	2.52E-06	6.98E-09	1.40E-09	1.40E-16	6.98E-10	1.67E-11	1.23E-11	3.42E-11	1.13E-10	6.66E-10	1.07E-11	2.41E-10	1.22E-08	1.13E-09	1.46E-08
978	SR_17	Sensitive Receptor	Recreational	Offsite	377.622	6367.058	1.03E-07	1.07E-07	Not Modelled	3.16E-09	6.61E-11	2.69E-06	7.15E-09	1.43E-09	1.43E-16	7.15E-10	1.71E-11	1.26E-11	3.51E-11	1.15E-10	6.82E-10	1.09E-11	2.46E-10	1.25E-08	1.16E-09	1.49E-08
979	SR_18	Sensitive Receptor	Recreational	Offsite	377.849	6366.846	1.35E-07	1.08E-07	Not Modelled	3.23E-09	7.57E-11	3.13E-06	8.18E-09	1.64E-09	1.64E-16	8.18E-10	1.96E-11	1.44E-11	4.01E-11	1.32E-10	7.81E-10	1.25E-11	2.82E-10	1.43E-08	1.33E-09	1.71E-08
980	SR_19	Sensitive Receptor	Recreational	Offsite	378.101	6366.642	1.59E-07	1.37E-07	Not Modelled	3.35E-09	9.20E-11	3.86E-06	9.94E-09	1.99E-09	1.99E-16	9.95E-10	2.38E-11	1.75E-11	4.88E-11	1.61E-10	9.49E-10	1.52E-11	3.43E-10	1.74E-08	1.61E-09	2.07E-08
981	SR_20	Sensitive Receptor	Recreational	Offsite	378.376	6366.477	1.38E-07	1.37E-07	Not Modelled	3.13E-09	8.62E-11	3.92E-06	9.31E-09	1.86E-09	1.86E-16	9.32E-10	2.23E-11	1.64E-11	4.57E-11	1.50E-10	8.89E-10	1.42E-11	3.21E-10	1.63E-08	1.51E-09	1.94E-08
982	SR_21	Sensitive Receptor	Recreational	Offsite	378.713	6366.399	1.04E-07	1.18E-07	Not Modelled	2.51E-09	7.08E-11	3.30E-06	7.65E-09	1.53E-09	1.53E-16	7.66E-10	1.83E-11	1.35E-11	3.75E-11	1.24E-10	7.31E-10	1.17E-11	2.64E-10	1.34E-08	1.24E-09	1.60E-08
983	SR_22	Sensitive Receptor	Recreational	Offsite	379.059	6366.469	9.68E-08	1.21E-07	Not Modelled	2.29E-09	7.00E-11	3.01E-06	7.57E-09	1.51E-09	1.51E-16	7.57E-10	1.81E-11	1.33E-11	3.71E-11	1.22E-10	7.22E-10	1.16E-11	2.61E-10	1.32E-08	1.23E-09	1.58E-08
984	SR_23	Sensitive Receptor	Recreational	Offsite	379.373	6366.532	8.78E-08	1.24E-07	Not Modelled	2.04E-09	6.86E-11	2.66E-06	7.42E-09	1.48E-09	1.48E-16	7.42E-10	1.77E-11	1.31E-11	3.64E-11	1.20E-10	7.08E-10	1.13E-11	2.56E-10	1.30E-08	1.20E-09	1.55E-08
985	SR_24	Sensitive Receptor	Recreational	Offsite	379.648	6366.477	9.16E-08	1.28E-07	Not Modelled	1.97E-09	7.11E-11	2.67E-06	7.69E-09	1.54E-09	1.54E-16	7.69E-10	1.84E-11	1.35E-11	3.77E-11	1.24E-10	7.34E-10	1.17E-11	2.65E-10	1.35E-08	1.25E-09	1.60E-08
986	SR_25	Sensitive Receptor	Recreational	Offsite	379.930	6366.391	1.15E-07	1.64E-07	Not Modelled	2.38E-09	8.94E-11	3.20E-06	9.67E-09	1.93E-09	1.93E-16	9.67E-10	2.31E-11	1.70E-11	4.74E-11	1.56E-10	9.23E-10	1.48E-11	3.33E-10	1.69E-08	1.57E-09	2.02E-08
987	SR_26	Sensitive Receptor	Recreational	Offsite	380.221	6366.289	1.42E-07	1.79E-07	Not Modelled	2.82E-09	1.02E-10	3.45E-06	1.10E-08	2.20E-09	2.20E-16	1.10E-09	2.64E-11	1.94E-11	5.41E-11	1.78E-10	1.05E-09	1.68E-11	3.80E-10	1.93E-08	1.79E-09	2.30E-08
988	SR_27	Sensitive Receptor	Recreational	Offsite	380.512	6366.202	1.83E-07	2.08E-07	Not Modelled	3.80E-09	1.23E-10	3.86E-06	1.33E-08	2.65E-09	2.65E-16	1.33E-09	3.17E-11	2.34E-11	6.50E-11	2.14E-10	1.27E-09	2.02E-11	4.57E-10	2.32E-08	2.15E-09	2.77E-08
989	SR_28	Sensitive Receptor	Recreational	Offsite	380.810	6366.108	2.06E-07	2.45E-07	Not Modelled	4.58E-09	1.41E-10	4.13E-06	1.53E-08	3.05E-09	3.05E-16	1.53E-09	3.65E-11	2.69E-11	7.48E-11	2.46E-10	1.46E-09	2.33E-11	5.26E-10	2.67E-08	2.48E-09	3.18E-08
990	SR_29	Sensitive Receptor	Recreational	Offsite	381.108	6365.983	2.06E-07	2.67E-07	Not Modelled	4.41E-09	1.48E-10	3.93E-06	1.60E-08	3.21E-09	3.21E-16	1.60E-09	3.84E-11	2.83E-11	7.86E-11	2.59E-10	1.53E-09	2.45E-11	5.53E-10	2.81E-08	2.60E-09	3.35E-08
991	SR_30	Sensitive Receptor	Recreational	Offsite	381.367	6365.771	1.85E-07	2.73E-07	Not Modelled	3.86E-09	1.44E-10	3.37E-06	1.56E-08	3.12E-09	3.12E-16	1.56E-09	3.73E-11	2.75E-11	7.65E-11	2.52E-10	1.49E-09	2.38E-11	5.38E-10	2.73E-08	2.53E-09	3.26E-08
992	SR_31	Sensitive Receptor	Recreational	Offsite	381.470	6365.394	1.36E-07	2.10E-07	Not Modelled	2.62E-09	1.09E-10	2.32E-06	1.18E-08	2.36E-09	2.36E-16	1.18E-09	2.83E-11	2.08E-11	5.79E-11	1.91E-10	1.13E-09	1.80E-11	4.07E-10	2.07E-08	1.92E-09	2.47E-08
993	SR_32	Sensitive Receptor	Recreational	Offsite	381.564	6365.134	1.14E-07	1.67E-07	Not Modelled	2.07E-09	8.85E-11	1.82E-06	9.57E-09	1.91E-09	1.91E-16	9.57E-10	2.29E-11	1.69E-11	4.69E-11	1.55E-10	9.14E-10	1.46E-11	3.30E-10	1.68E-08	1.55E-09	2.00E-08
994	SR_33	Sensitive Receptor	Recreational	Offsite	381.713	6364.852	9.82E-08	1.39E-07	Not Modelled	1.72E-09	7.49E-11	1.51E-06	8.10E-09	1.62E-09	1.62E-16	8.10E-10	1.94E-11	1.43E-11	3.97E-11	1.31E-10	7.73E-10	1.24E-11	2.79E-10	1.42E-08	1.31E-09	1.69E-08
995	SR_34	Sensitive Receptor	Recreational	Offsite	382.051	6364.600	1.01E-07	1.47E-07	Not Modelled	1.75E-09	7.79E-11	1.49E-06	8.42E-09	1.68E-09	1.68E-16	8.43E-10	2.02E-11	1.48E-11	4.13E-11	1.36E-10	8.04E-10	1.29E-11	2.90E-10	1.47E-08	1.37E-09	1.76E-08
996	SR_35	Sensitive Receptor	Recreational	Offsite	377.700	6366.509	1.40E-07	9.00E-08	Not Modelled	2.74E-09	7.00E-11	2.90E-06	7.56E-09	1.51E-09	1.51E-16	7.57E-10	1.81E-11	1.33E-11	3.71E-11	1.22E-10	7.22E-10	1.15E-11	2.61E-10	1.32E-08	1.23E-09	1.58E-08
997	SR_36	Sensitive Receptor	Recreational	Offsite	377.606	6366.124	8.34E-08	1.17E-07	Not Modelled	2.40E-09	6.29E-11	2.35E-06	6.80E-09	1.36E-09	1.36E-16	6.80E-10	1.63E-11	1.20E-11	3.33E-11	1.10E-10	6.49E-10	1.04E-11	2.34E-10	1.19E-08	1.10E-09	1.42E-08
998	SR_37	Sensitive Receptor	Recreational	Offsite	377.465	6365.771	6.23E-08	9.72E-08	Not Modelled	1.85E-09	5.04E-11	1.77E-06	5.44E-09	1.09E-09	1.09E-16	5.45E-10	1.30E-11	9.59E-12	2.67E-11	8.79E-11	5.20E-10	8.31E-12	1.88E-10	9.53E-09	8.83E-10	1.14E-08
999	SR_38	Sensitive Receptor	Recreational	Offsite	377.527	6365.409	4.37E-08	7.15E-08	Not Modelled	1.29E-09	3.67E-11	1.25E-06	3.96E-09	7.92E-10	7.92E-17	3.96E-10	9.47E-12	6.98E-12	1.94E-11	6.39E-11	3.78E-10	6.04E-12	1.36E-10	6.93E-09	6.43E-10	8.26E-09
1000	SR_39	Sensitive Receptor	Recreational	Offsite	377.739	6365.150	3.78E-08	5.57E-08	Not Modelled	1.05E-09	2.98E-11	1.06E-06	3.22E-09	6.43E-10	6.43E-17	3.22E-10	7.69E-12	5.67E-12	1.58E-11	5.19E-11	3.07E-10	4.91E-12	1.11E-10	5.63E-09	5.22E-10	6.71E-09
1001	SR_40	Sensitive Receptor	Recreational	Offsite	377.959	6364.883	2.92E-08	4.37E-08	Not Modelled	7.87E-10	2.34E-11	7.48E-07	2.53E-09	5.05E-10	5.05E-17	2.53E-10	6.04E-12	4.45E-12	1.24E-11	4.08E-11	2.41E-10	3.86E-12	8.71E-11	4.42E-09	4.10E-10	5.27E-09
1002	SR_41	Sensitive Receptor	Recreational	Offsite	378.234	6364.553	2.35E-08	3.87E-08	Not Modelled	6.24E-10	2.00E-11	5.71E-07	2.16E-09	4.32E-10	4.32E-17	2.16E-10	5.17E-12	3.81E-12	1.06E-11	3.49E-11	2.06E-10	3.30E-12	7.45E-11	3.79E-09	3.51E-10	4.51E-09
1003	SR_42	Sensitive Receptor	Recreational	Offsite	377.951	6365.331	3.92E-08	5.73E-08	Not Modelled	1.05E-09	3.08E-11	1.09E-06	3.33E-09	6.66E-10	6.66E-17	3.33E-10	7.96E-12	5.87E-12	1.63E-11	5.38E-11	3.18E-10	5.08E-12	1.15E-10	5.83E-09	5.40E-10	6.95E-09
1004	SR_43	Sensitive Receptor	Recreational	Offsite	377.959	6366.344	1.29E-07	1.04E-07	Not Modelled	2.59E-09	7.18E-11	3.05E-06	7.76E-09	1.55E-09	1.55E-16	7.77E-10	1.86E-11	1.37E-11	3.81E-11	1.25E-10	7.41E-10	1.18E-11	2.67E-10	1.36E-08	1.26E-09	1.62E-08
1005	SR_44	Sensitive Receptor	Recreational	Offsite	377.975	6365.841	5.59E-08	9.27E-08	Not Modelled	1.63E-09	4.73E-11	1.77E-06	5.11E-09	1.02E-09	1.02E-16	5.11E-10	1.22E-11	9.01E-12	2.51E-11	8.25E-11	4.88E-10	7.80E-12	1.76E-10	8.94E-09	8.29E-10	1.07E-08
1006	SR_45	Sensitive Receptor	Recreational	Offsite	379.271	6366.934	2.04E-07	3.72E-07	Not Modelled	7.06E-09	1.87E-10	7.99E-06	2.02E-08	4.05E-09	4.05E-16	2.02E-09	4.84E-11	3.57E-11	9.92E-11	3.27E-10	1.93E-09	3.09E-11	6.97E-10	3.54E-08	3.28E-09	4.22E-08
1007	SR_46	Sensitive Receptor	Recreational	Offsite	379.247	6366.890	1.84E-07	3.34E-07	Not Modelled	6.10E-09	1.69E-10	7.07E-06	1.82E-08	3.64E-09	3.64E-16	1.82E-09	4.36E-11	3.21E-11	8.93E-11	2.94E-10	1.74E-09	2.78E-11	6.28E-10	3.19E-08	2.95E-09	3.80E-08
1008	SR_47	Sensitive Receptor	Recreational	Offsite	379.315	6366.905	1.84E-07	3.34E-07	Not Modelled	6.08E-09	1.69E-10	7.01E-06	1.82E-08	3.64E-09	3.64E-16	1.82E-09	4.36E-11	3.21E-11	8.93E-11	2.94E-10	1.74E-09	2.78E-11	6.28E-10	3.19E-08	2.96E-09	3.80E-08
1009	SR_48	Sensitive Receptor	Recreational	Offsite	379.288	6366.857	1.67E-07	3.01E-07	Not Modelled	5.29E-09	1.52E-10	6.27E-06	1.65E-08	3.29E-09	3.29E-16	1.65E-09	3.94E-11	2.90E-11	8.07E-11	2.66E-10	1.57E-09	2.51E-11	5.67E-10	2.88E-08	2.67E-09	3.43E-08
1010	SR_49	Sensitive Receptor	Recreational	Offsite	379.357	6366.872	1.66E-07	3.00E-07	Not Modelled	5.24E-09	1.52E-10	6.18E-06	1.64E-08	3.28E-09	3.28E-16	1.64E-09	3.92E-11	2.89E-11	8.05E-11	2.65E-10	1.57E-09	2.50E-11	5.66E-10	2.87E-08	2.66E-09	3.42E-08
1011	SR_50	Sensitive Receptor	Recreational	Offsite	379.321	6366.819	1.50E-07	2.67E-07	Not Modelled	4.53E-09	1.36E-10	5.47E-06	1.47E-08	2.93E-09	2.93E-16	1.47E-09	3.51E-11	2.58E-11	7.19E-11	2.37E-10	1.40E-09	2.24E-11	5.05E-10	2.57E-08	2.38E-09	3.06E-08
1305	NG_1	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.607	1.44E-07	2.08E-07	Not Modelled	4.00E-09	1.12E-10	4.97E-06	1.21E-08	2.42E-09	2.42E-16	1.21E-09	2.89E-11	2.13E-11	5.93E-11	1.95E-10	1.15E-09	1.85E-11	4.17E-10	2.12E-08	1.96E-09	2.52E-08
1306	NG_2	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.607	1.41E-07	2.06E-07	Not Modelled	3.93E-09	1.11E-10	4.91E-06	1.19E-08	2.39E-09	2.39E-16	1.19E-09	2.86E-11	2.10E-11	5.86E-11	1.93E-10	1.14E-09	1.82E-11	4.11E-10	2.09E-08	1.94E-09	2.49E-08
1307	NG_3	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.607	1.37E-07	2.02E-07	Not Modelled	3.84E-09	1.08E-10	4.81E-06	1.17E-08	2.34E-09	2.34E-16	1.17E-09	2.80E-11	2.07E-11	5.75E-11	1.89E-10	1.12E-09	1.79E-11	4.04E-10	2.05E-08	1.90E-09	2.45E-08
1308	NG_4	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.607	1.33E-07	1.98E-07	Not Modelled	3.72E-09	1.06E-10	4.67E-06	1.14E-08	2.29E-09	2.29E-16	1.14E-09	2.74E-11	2.02E-11	5.61E-11	1.85E-10	1.09E-09	1.75E-11	3.94E-10	2.00E-08	1.86E-09	2.39E-08
1309	NG_5	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.607	1.28E-07	1.92E-07	Not Modelled	3.57E-09	1.03E-10	4.48E-06	1.11E-08	2.22E-09	2.22E-16	1.11E-09	2.66E-11	1.96E-11	5.45E-11	1.79E-10	1.06E-09	1.70E-11	3.83E-10	1.94E-08	1.80E-09	2.32E-08
1310	NG_6	Nested Grid - 50m	Parks/ Recreation	Offsite	378.914	6366.607	1.24E-07	1.86E-07	Not Modelled	3.43E-09	9.97E-11	4.29E-06	1.08E-08	2.15E-09	2.15E-16	1.08E-09	2.58E-11	1.90E-11	5.28E-11	1.74E-10	1.03E-09	1.64E-11	3.71E-10	1.89E-08	1.75E-09	2.25E-08
1311	NG_7	Nested Grid - 50m	Parks/ Recreation	Offsite	378.964	6366.607	1.20E-07	1.81E-07	Not Modelled	3.30E-09	9.71E-11	4.13E-06	1.05E-08	2.10E-09	2.10E-16	1.05E-09	2.51E-11	1.85E-11	5.15E-11	1.69E-10	1.00E-09	1.60E-11	3.62E-10	1.84E-08	1.70E-09	2.19E-08
1312	NG_8	Nested Grid - 50m	Parks/ Recreation	Offsite	379.014	6366.607	1.17E-07	1.77E-07	Not Modelled	3.18E-09	9.48E-11	3.98E-06	1.02E-08	2.05E-09	2.05E-16	1.02E-09	2.45E-11	1.80E-11	5.02E-11	1.65E-10	9.78E-10	1.56E-11	3.53E-10	1.79E-08	1.66E-09	2.14E-08
1313	NG_9	Nested Grid - 50m	Parks/ Recreation	Offsite	379.064	6366.607	1.14E-07	1.73E-07	Not Modelled	3.06E-09	9.26E-11	3.83E-06	1.00E-08	2.00E-09	2.00E-16	1.00E-09	2.39E-11	1.76E-11	4.91E-11	1.62E-10	9.55E-10	1.53E-11	3.45E-10	1.75E-08	1.62E-09	2.09E-08
1314	NG_10	Nested Grid - 50m	Parks/ Recreation	Offsite	379.114	6366.607	1.11E-07	1.69E-07	Not Modelled	2.94E-09	9.03E-11	3.69E-06	9.76E-09	1.95E-09	1.95E-16	9.77E-10	2.33E-11	1.72E-11	4.79E-11	1.58E-10	9.32E-10	1.49E-11	3.36E-10	1.71E-08	1.58E-09	2.04E-08
1315	NG_11	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.607	1.08E-07	1.65E-07	Not Modelled	2.83E-09	8.84E-11	3.57E-06	9.55E-09	1.91E-09	1.91E-16	9.56E-10	2.28E-11	1.68E-11	4.68E-11	1.54E-10	9.12E-10	1.46E-11	3.29E-10	1.67E-08	1.55E-09	1.99E-08
1316	NG_12	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.607	1.05E-07	1.62E-07	Not Modelled	2.73E-09	8.64E-11	3.46E-06	9.34E-09	1.87E-09	1.87E-16	9.34E-10	2.23E-11	1.65E-11	4.58E-11	1.51E-10	8.92E-10	1.43E-11	3.22E-10	1.64E-08	1.52E-09	1.95E-08
1317	NG_13	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.607	1.02E-07	1.57E-07	Not Modelled	2.62E-09	8.41E-11	3.33E-06	9.09E-09	1.82E-09	1.82E-16	9.09E-10	2.17E-11	1.60E-11	4.46E-11	1.47E-10	8.68E-10	1.39E-11	3.13E-10	1.59E-08	1.47E-09	1.90E-08
1318	NG_14	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.607	9.91E-08	1.53E-07	Not Modelled	2.51E-09	8.17E-11	3.20E-06	8.83E-09	1.77E-09	1.77E-16	8.83E-10	2.11E-11	1.56E-11	4.33E-11	1.43E-10	8.43E-10	1.35E-11	3.04E-10	1.55E-08	1.43E-09	1.84E-08
1319	NG_15	Nested Grid - 50m	Parks/ Recreation	Offsite	379.364	6366.607	9.69E-08	1.49E-07	Not Modelled	2.42E-09	7.99E-11	3.10E-06	8.63E-09	1.73E-09	1.73E-16	8.63E-10	2.06E-11	1.52E-11	4.23E-11	1.39E-10	8.24E-10	1.32E-11	2.98E-10	1.51E-08	1.40E-09	1.80E-08
1320	NG_16	Nested Grid - 50m	Parks/ Recreation	Offsite	379.414	6366.607	9.58E-08	1.48E-07	Not Modelled	2.37E-09	7.90E-11	3.05E-06	8.54E-09	1.71E-09	1.71E-16	8.54E-10	2.04E-11	1.51E-11	4.19E-11	1.38E-10	8.15E-10	1.30E-11	2.94E-10	1.50E-08	1.39E-09	1.78E-08
1321	NG_17	Nested Grid - 50m	Parks/ Recreation	Offsite	379.464	6366.607	9.56E-08	1.48E-07	Not Modelled	2.34E-09	7.91E-11	3.03E-06	8.55E-09	1.71E-09	1.71E-16	8.55E-10	2.04E-11	1.51E-11	4.19E-11	1.38E-10	8.16E-10	1.30E-11	2.95E-10	1.50E-08	1.39E-09	1.78E-08
1322	NG_18	Nested Grid - 50m	Parks/ Recreation	Offsite	379.514	6366.607	9.70E-08	1.51E-07	Not Modelled	2.35E-09	8.05E-11	3.07E-06	8.70E-09	1.74E-09	1.74E-16	8.70E-10	2.08E-11	1.53E-11	4.27E-11	1.41E-10	8.31E-10	1.33E-11	3.00E-10	1.52E-08	1.41E-09	1.82E-08
1323	NG_19	Nested Grid - 50m	Parks/ Recreation	Offsite	379.564	6366.607	1.00E-07	1.57E-07	Not Modelled	2.41E-09	8.34E-11	3.15E-06	9.01E-09	1.80E-09	1.80E-16	9.02E-10	2.16E-11	1.59E-11	4.42E-11	1.46E-10	8.60E-10	1.38E-11	3.11E-10	1.58E-08	1.46E-09	1.88E-08
1324	NG_20	Nested Grid - 50m	Parks/ Recreation	Offsite	379.614	6366.607	1.06E-07	1.68E-07	Not Modelled	2.53E-09	8.86E-11	3.33E-06	9.57E-09	1.91E-09	1.91E-16	9.58E-10	2.29E-11	1.69E-11	4.69E-11	1.55E-10	9.14E-10	1.46E-11	3.30E-10	1.68E-08	1.55E-09	2.00E-08
1325	NG_21	Nested Grid - 50m	Parks/ Recreation	Offsite	379.664	6366.607	1.14E-07	1.83E-07	Not Modelled	2.71E-09	9.58E-11	3.58E-06	1.04E-08	2.07E-09	2.07E-16	1.04E-09	2.48E-11	1.82E-11	5.08E-11	1.67E-10	9.88E-10	1.58E-11	3.57E-10	1.81E-08	1.68E-09	2.16E-08
1326	NG_22	Nested Grid - 50m	Parks/ Recreation	Offsite	379.714	6366.607	1.24E-07	2.01E-07	Not Modelled	2.94E-09	1.05E-10	3.91E-06	1.13E-08	2.27E-09	2.27E-16	1.13E-09	2.71E-11	2.00E-11	5.56E-11	1.83E-10	1.08E-09	1.73E-11	3.91E-10	1.98E-08	1.84E-09	2.37E-08
1346	NG_42	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.657	1.52E-07	2.36E-07	Not Modelled	4.41E-09	1.24E-10	5.29E-06	1.34E-08	2.68E-09	2.68E-16	1.34E-09	3.20E-11	2.36E-11	6.56E-11	2.16E-10	1.28E-09	2.04E-11	4.61E-10	2.34E-08	2.17E-09	2.79E-08
1347	NG_43	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.657	1.49E-07	2.34E-07	Not Modelled	4.34E-09	1.22E-10	5.24E-06	1.32E-08	2.64E-09	2.64E-16	1.32E-09	3.16E-11	2.33E-11	6.48E-11	2.13E-10	1.26E-09	2.02E-11	4.55E-10	2.31E-08	2.14E-09	2.76E-08
1348	NG_44	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.657	1.46E-07	2.30E-07	Not Modelled	4.26E-09	1.20E-10	5.16E-06	1.30E-08	2.60E-09	2.60E-16	1.30E-09	3.11E-11	2.29E-11	6.38E-11	2.10E-10	1.24E-09	1.99E-11	4.48E-10	2.28E-08	2.11E-09	2.72E-08
1349	NG_45	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.657	1.41E-07	2.25E-07	Not Modelled	4.14E-09	1.18E-10	5.03E-06	1.27E-08	2.54E-09	2.54E-16	1.27E-09	3.04E-11	2.24E-11	6.23E-11	2.05E-10	1.21E-09	1.94E-11	4.38E-10	2.22E-08	2.06E-09	2.65E-08
1350	NG_46	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.657	1.37E-07	2.18E-07	Not Modelled	3.97E-09	1.14E-10	4.82E-06	1.23E-08	2.46E-09	2.46E-16	1.23E-09	2.94E-11	2.17E-11	6.04E-11	1.99E-10	1.18E-09	1.88E-11	4.24E-10	2.16E-08	2.00E-09	2.57E-08
1351	NG_47	Nested Grid - 50m	Parks/ Recreation	Offsite	378.914	6366.657	1.32E-07	2.11E-07	Not Modelled	3.82E-09	1.11E-10	4.63E-06	1.20E-08	2.39E-09	2.39E-16	1.20E-09	2.86E-11	2.11E-11	5.87E-11	1.93E-10	1.14E-09	1.83E-11	4.12E-10	2.09E-08	1.94E-09	2.50E-08
1352	NG_48	Nested Grid - 50m	Parks/ Recreation	Offsite	378.964	6366.657	1.29E-07	2.07E-07	Not Modelled	3.71E-09	1.08E-10	4.51E-06	1.17E-08	2.34E-09	2.34E-16	1.17E-09	2.80E-11	2.07E-11	5.75E-11	1.89E-10	1.12E-09	1.79E-11	4.04E-10	2.05E-08	1.90E-09	2.45E-08
1353	NG_49	Nested Grid - 50m	Parks/ Recreation	Offsite	379.014	6366.657	1.26E-07	2.03E-07	Not Modelled	3.59E-09	1.06E-10	4.40E-06	1.15E-08	2.30E-09	2.30E-16	1.15E-09	2.75E-11	2.02E-11	5.63E-11	1.85E-10	1.10E-09	1.75E-11	3.96E-10	2.01E-08	1.86E-09	2.40E-08

AQIA DATA - SCENARIO 2 RECREATIONAL

Receptor #	Receptor ID	Receptor Description	HRA Receptor Type	Offsite	X	Y	SO2	NO2	CO	PM10	Lead	TSP	HF	Cyanide	Dioxins & Furans	PAH	Antimony	Arsenic	Cadmium	Chromium	Manganese	Mercury	Nickel	Acetone	Benzene	Toluene
							20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
							Annual Average Dry Deposition Rate (mg/m2.year) - Regain Contribution																			
							All Pollutants																			
MAXIMUM OFFSITE CONCENTRATION/ DEPOSITION RATE							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Receptor ID of Maximum Offsite Concentration / Deposition Rate							SG_725	SG_725	#N/A	NG_783	SG_725	NG_783	SG_725	SG_725	SG_725	SG_725	SG_725	SG_725	SG_725	SG_725	SG_725	SG_725	SG_725	SG_725	SG_725	SG_725
Coordinates of Maximum Offsite Concentration/ Deposition Rate						X	378.900	378.900	#N/A	378.814	378.900	378.814	378.900	378.900	378.900	378.900	378.900	378.900	378.900	378.900	378.900	378.900	378.900	378.900	378.900	378.900
						Y	6369.100	6369.100	#N/A	6367.557	6369.100	6367.557	6369.100	6369.100	6369.100	6369.100	6369.100	6369.100	6369.100	6369.100	6369.100	6369.100	6369.100	6369.100	6369.100	6369.100
1354	NG_50	Nested Grid - 50m	Parks/ Recreation	Offsite	379.064	6366.657	1.23E-07	1.98E-07	Not Modelled	3.46E-09	1.04E-10	4.24E-06	1.12E-08	2.24E-09	2.24E-16	1.12E-09	2.68E-11	1.97E-11	5.49E-11	1.81E-10	1.07E-09	1.71E-11	3.86E-10	1.96E-08	1.82E-09	2.34E-08
1355	NG_51	Nested Grid - 50m	Parks/ Recreation	Offsite	379.114	6366.657	1.19E-07	1.93E-07	Not Modelled	3.32E-09	1.01E-10	4.08E-06	1.09E-08	2.18E-09	2.18E-16	1.09E-09	2.61E-11	1.92E-11	5.35E-11	1.76E-10	1.04E-09	1.67E-11	3.76E-10	1.91E-08	1.77E-09	2.28E-08
1356	NG_52	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.657	1.16E-07	1.88E-07	Not Modelled	3.20E-09	9.87E-11	3.96E-06	1.07E-08	2.13E-09	2.13E-16	1.07E-09	2.55E-11	1.88E-11	5.23E-11	1.72E-10	1.02E-09	1.63E-11	3.68E-10	1.87E-08	1.73E-09	2.23E-08
1357	NG_53	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.657	1.13E-07	1.84E-07	Not Modelled	3.09E-09	9.67E-11	3.85E-06	1.04E-08	2.09E-09	2.09E-16	1.04E-09	2.50E-11	1.84E-11	5.12E-11	1.69E-10	9.97E-10	1.59E-11	3.60E-10	1.83E-08	1.69E-09	2.18E-08
1358	NG_54	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.657	1.11E-07	1.80E-07	Not Modelled	2.98E-09	9.45E-11	3.75E-06	1.02E-08	2.04E-09	2.04E-16	1.02E-09	2.44E-11	1.80E-11	5.01E-11	1.65E-10	9.75E-10	1.56E-11	3.52E-10	1.79E-08	1.66E-09	2.13E-08
1359	NG_55	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.657	1.08E-07	1.75E-07	Not Modelled	2.86E-09	9.19E-11	3.61E-06	9.93E-09	1.99E-09	1.99E-16	9.94E-10	2.38E-11	1.75E-11	4.87E-11	1.60E-10	9.48E-10	1.52E-11	3.42E-10	1.74E-08	1.61E-09	2.07E-08
1360	NG_56	Nested Grid - 50m	Parks/ Recreation	Offsite	379.364	6366.657	1.05E-07	1.71E-07	Not Modelled	2.76E-09	8.98E-11	3.49E-06	9.71E-09	1.94E-09	1.94E-16	9.71E-10	2.32E-11	1.71E-11	4.76E-11	1.57E-10	9.27E-10	1.48E-11	3.35E-10	1.70E-08	1.57E-09	2.03E-08
1361	NG_57	Nested Grid - 50m	Parks/ Recreation	Offsite	379.414	6366.657	1.04E-07	1.70E-07	Not Modelled	2.71E-09	8.91E-11	3.45E-06	9.63E-09	1.93E-09	1.93E-16	9.63E-10	2.30E-11	1.70E-11	4.72E-11	1.56E-10	9.19E-10	1.47E-11	3.32E-10	1.69E-08	1.56E-09	2.01E-08
1362	NG_58	Nested Grid - 50m	Parks/ Recreation	Offsite	379.464	6366.657	1.05E-07	1.72E-07	Not Modelled	2.70E-09	8.99E-11	3.49E-06	9.72E-09	1.94E-09	1.94E-16	9.72E-10	2.33E-11	1.71E-11	4.77E-11	1.57E-10	9.28E-10	1.48E-11	3.35E-10	1.70E-08	1.58E-09	2.03E-08
1363	NG_59	Nested Grid - 50m	Parks/ Recreation	Offsite	379.514	6366.657	1.07E-07	1.75E-07	Not Modelled	2.72E-09	9.17E-11	3.53E-06	9.91E-09	1.98E-09	1.98E-16	9.91E-10	2.37E-11	1.75E-11	4.86E-11	1.60E-10	9.46E-10	1.51E-11	3.42E-10	1.73E-08	1.61E-09	2.07E-08
1364	NG_60	Nested Grid - 50m	Parks/ Recreation	Offsite	379.564	6366.657	1.10E-07	1.82E-07	Not Modelled	2.77E-09	9.49E-11	3.60E-06	1.03E-08	2.05E-09	2.05E-16	1.03E-09	2.45E-11	1.81E-11	5.03E-11	1.66E-10	9.79E-10	1.57E-11	3.53E-10	1.80E-08	1.66E-09	2.14E-08
1365	NG_61	Nested Grid - 50m	Parks/ Recreation	Offsite	379.614	6366.657	1.17E-07	1.94E-07	Not Modelled	2.92E-09	1.01E-10	3.79E-06	1.09E-08	2.18E-09	2.18E-16	1.09E-09	2.61E-11	1.92E-11	5.34E-11	1.76E-10	1.04E-09	1.66E-11	3.76E-10	1.91E-08	1.77E-09	2.27E-08
1387	NG_83	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.707	1.62E-07	2.67E-07	Not Modelled	4.90E-09	1.37E-10	5.70E-06	1.48E-08	2.97E-09	2.97E-16	1.48E-09	3.55E-11	2.61E-11	7.27E-11	2.40E-10	1.42E-09	2.26E-11	5.11E-10	2.60E-08	2.41E-09	3.10E-08
1388	NG_84	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.707	1.60E-07	2.66E-07	Not Modelled	4.86E-09	1.36E-10	5.69E-06	1.47E-08	2.95E-09	2.95E-16	1.47E-09	3.52E-11	2.60E-11	7.22E-11	2.38E-10	1.41E-09	2.25E-11	5.08E-10	2.58E-08	2.39E-09	3.07E-08
1389	NG_85	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.707	1.57E-07	2.61E-07	Not Modelled	4.78E-09	1.34E-10	5.61E-06	1.45E-08	2.90E-09	2.90E-16	1.45E-09	3.46E-11	2.55E-11	7.10E-11	2.34E-10	1.38E-09	2.21E-11	4.99E-10	2.54E-08	2.35E-09	3.02E-08
1390	NG_86	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.707	1.52E-07	2.55E-07	Not Modelled	4.64E-09	1.31E-10	5.45E-06	1.41E-08	2.82E-09	2.82E-16	1.41E-09	3.38E-11	2.49E-11	6.93E-11	2.28E-10	1.35E-09	2.16E-11	4.87E-10	2.47E-08	2.29E-09	2.95E-08
1391	NG_87	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.707	1.48E-07	2.48E-07	Not Modelled	4.50E-09	1.28E-10	5.30E-06	1.38E-08	2.75E-09	2.75E-16	1.38E-09	3.30E-11	2.43E-11	6.76E-11	2.22E-10	1.32E-09	2.10E-11	4.75E-10	2.41E-08	2.24E-09	2.88E-08
1393	NG_89	Nested Grid - 50m	Parks/ Recreation	Offsite	378.964	6366.707	1.41E-07	2.37E-07	Not Modelled	4.23E-09	1.22E-10	5.02E-06	1.32E-08	2.64E-09	2.64E-16	1.32E-09	3.15E-11	2.32E-11	6.46E-11	2.13E-10	1.26E-09	2.01E-11	4.54E-10	2.31E-08	2.14E-09	2.75E-08
1394	NG_90	Nested Grid - 50m	Parks/ Recreation	Offsite	379.014	6366.707	1.37E-07	2.31E-07	Not Modelled	4.08E-09	1.19E-10	4.87E-06	1.29E-08	2.57E-09	2.57E-16	1.29E-09	3.08E-11	2.27E-11	6.31E-11	2.08E-10	1.23E-09	1.96E-11	4.44E-10	2.25E-08	2.09E-09	2.69E-08
1395	NG_91	Nested Grid - 50m	Parks/ Recreation	Offsite	379.064	6366.707	1.34E-07	2.25E-07	Not Modelled	3.93E-09	1.16E-10	4.72E-06	1.26E-08	2.51E-09	2.51E-16	1.26E-09	3.00E-11	2.21E-11	6.16E-11	2.03E-10	1.20E-09	1.92E-11	4.33E-10	2.20E-08	2.04E-09	2.62E-08
1396	NG_92	Nested Grid - 50m	Parks/ Recreation	Offsite	379.114	6366.707	1.30E-07	2.19E-07	Not Modelled	3.77E-09	1.13E-10	4.54E-06	1.22E-08	2.44E-09	2.44E-16	1.22E-09	2.92E-11	2.15E-11	5.99E-11	1.97E-10	1.17E-09	1.86E-11	4.21E-10	2.14E-08	1.98E-09	2.55E-08
1397	NG_93	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.707	1.27E-07	2.14E-07	Not Modelled	3.64E-09	1.11E-10	4.43E-06	1.20E-08	2.39E-09	2.39E-16	1.20E-09	2.86E-11	2.11E-11	5.87E-11	1.93E-10	1.14E-09	1.83E-11	4.12E-10	2.09E-08	1.94E-09	2.50E-08
1398	NG_94	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.707	1.24E-07	2.10E-07	Not Modelled	3.53E-09	1.09E-10	4.33E-06	1.17E-08	2.35E-09	2.35E-16	1.17E-09	2.81E-11	2.07E-11	5.75E-11	1.89E-10	1.12E-09	1.79E-11	4.04E-10	2.05E-08	1.90E-09	2.45E-08
1399	NG_95	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.707	1.21E-07	2.05E-07	Not Modelled	3.40E-09	1.06E-10	4.21E-06	1.15E-08	2.29E-09	2.29E-16	1.15E-09	2.74E-11	2.02E-11	5.62E-11	1.85E-10	1.09E-09	1.75E-11	3.95E-10	2.01E-08	1.86E-09	2.39E-08
1400	NG_96	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.707	1.18E-07	1.99E-07	Not Modelled	3.26E-09	1.03E-10	4.04E-06	1.11E-08	2.23E-09	2.23E-16	1.11E-09	2.67E-11	1.96E-11	5.46E-11	1.80E-10	1.06E-09	1.70E-11	3.84E-10	1.95E-08	1.81E-09	2.33E-08
1401	NG_97	Nested Grid - 50m	Parks/ Recreation	Offsite	379.364	6366.707	1.15E-07	1.95E-07	Not Modelled	3.16E-09	1.01E-10	3.94E-06	1.09E-08	2.19E-09	2.19E-16	1.09E-09	2.61E-11	1.93E-11	5.36E-11	1.76E-10	1.04E-09	1.67E-11	3.77E-10	1.91E-08	1.77E-09	2.28E-08
1428	NG_124	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.757	1.74E-07	2.98E-07	Not Modelled	5.43E-09	1.51E-10	6.10E-06	1.63E-08	3.26E-09	3.26E-16	1.63E-09	3.90E-11	2.88E-11	8.00E-11	2.63E-10	1.56E-09	2.49E-11	5.62E-10	2.86E-08	2.65E-09	3.41E-08
1429	NG_125	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.757	1.73E-07	2.98E-07	Not Modelled	5.44E-09	1.51E-10	6.16E-06	1.63E-08	3.26E-09	3.26E-16	1.63E-09	3.90E-11	2.87E-11	8.00E-11	2.63E-10	1.56E-09	2.49E-11	5.62E-10	2.85E-08	2.65E-09	3.40E-08
1430	NG_126	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.757	1.70E-07	2.95E-07	Not Modelled	5.39E-09	1.49E-10	6.14E-06	1.61E-08	3.23E-09	3.23E-16	1.62E-09	3.86E-11	2.85E-11	7.92E-11	2.61E-10	1.54E-09	2.46E-11	5.56E-10	2.83E-08	2.62E-09	3.37E-08
1431	NG_127	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.757	1.67E-07	2.90E-07	Not Modelled	5.29E-09	1.47E-10	6.04E-06	1.59E-08	3.17E-09	3.17E-16	1.59E-09	3.79E-11	2.79E-11	7.77E-11	2.56E-10	1.51E-09	2.42E-11	5.46E-10	2.78E-08	2.57E-09	3.31E-08
1432	NG_128	Nested Grid - 50m	Parks/ Recreation	Offsite	378.864	6366.757	1.63E-07	2.83E-07	Not Modelled	5.16E-09	1.44E-10	5.92E-06	1.55E-08	3.10E-09	3.10E-16	1.55E-09	3.71E-11	2.74E-11	7.61E-11	2.51E-10	1.48E-09	2.37E-11	5.35E-10	2.72E-08	2.52E-09	3.24E-08
1438	NG_134	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.757	1.40E-07	2.44E-07	Not Modelled	4.20E-09	1.25E-10	5.02E-06	1.35E-08	2.70E-09	2.70E-16	1.35E-09	3.23E-11	2.38E-11	6.61E-11	2.18E-10	1.29E-09	2.06E-11	4.65E-10	2.36E-08	2.19E-09	2.81E-08
1439	NG_135	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.757	1.37E-07	2.38E-07	Not Modelled	4.05E-09	1.22E-10	4.89E-06	1.32E-08	2.64E-09	2.64E-16	1.32E-09	3.16E-11	2.33E-11	6.47E-11	2.13E-10	1.26E-09	2.01E-11	4.55E-10	2.31E-08	2.14E-09	2.75E-08
1440	NG_136	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.757	1.34E-07	2.34E-07	Not Modelled	3.92E-09	1.20E-10	4.77E-06	1.29E-08	2.59E-09	2.59E-16	1.29E-09	3.09E-11	2.28E-11	6.34E-11	2.09E-10	1.23E-09	1.97E-11	4.46E-10	2.26E-08	2.10E-09	2.70E-08
1441	NG_137	Nested Grid - 50m	Parks/ Recreation	Offsite	379.314	6366.757	1.30E-07	2.27E-07	Not Modelled	3.76E-09	1.16E-10	4.60E-06	1.26E-08	2.52E-09	2.52E-16	1.26E-09	3.01E-11	2.22E-11	6.17E-11	2.03E-10	1.20E-09	1.92E-11	4.33E-10	2.20E-08	2.04E-09	2.62E-08
1469	NG_165	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.807	1.85E-07	3.27E-07	Not Modelled	5.98E-09	1.64E-10	6.46E-06	1.77E-08	3.54E-09	3.54E-16	1.77E-09	4.24E-11	3.12E-11	8.69E-11	2.86E-10	1.69E-09	2.71E-11	6.11E-10	3.10E-08	2.88E-09	3.70E-08
1470	NG_166	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.807	1.85E-07	3.29E-07	Not Modelled	6.04E-09	1.65E-10	6.56E-06	1.78E-08	3.56E-09	3.56E-16	1.78E-09	4.26E-11	3.14E-11	8.73E-11	2.88E-10	1.70E-09	2.72E-11	6.14E-10	3.12E-08	2.89E-09	3.72E-08
1471	NG_167	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.807	1.85E-07	3.28E-07	Not Modelled	6.06E-09	1.65E-10	6.62E-06	1.78E-08	3.56E-09	3.56E-16	1.78E-09	4.26E-11	3.14E-11	8.73E-11	2.87E-10	1.70E-09	2.72E-11	6.13E-10	3.12E-08	2.89E-09	3.71E-08
1472	NG_168	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6366.807	1.84E-07	3.27E-07	Not Modelled	6.05E-09	1.64E-10	6.68E-06	1.77E-08	3.55E-09	3.55E-16	1.77E-09	4.24E-11	3.13E-11	8.70E-11	2.86E-10	1.69E-09	2.71E-11	6.11E-10	3.10E-08	2.88E-09	3.70E-08
1479	NG_175	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.807	1.57E-07	2.79E-07	Not Modelled	4.91E-09	1.42E-10	5.78E-06	1.53E-08	3.06E-09	3.06E-16	1.53E-09	3.66E-11	2.70E-11	7.50E-11	2.47E-10	1.46E-09	2.34E-11	5.27E-10	2.68E-08	2.48E-09	3.19E-08
1480	NG_176	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.807	1.54E-07	2.74E-07	Not Modelled	4.75E-09	1.39E-10	5.67E-06	1.50E-08	3.00E-09	3.00E-16	1.50E-09	3.59E-11	2.65E-11	7.37E-11	2.43E-10	1.43E-09	2.29E-11	5.18E-10	2.63E-08	2.44E-09	3.13E-08
1481	NG_177	Nested Grid - 50m	Parks/ Recreation	Offsite	379.264	6366.807	1.50E-07	2.67E-07	Not Modelled	4.56E-09	1.36E-10	5.49E-06	1.46E-08	2.93E-09	2.93E-16	1.47E-09	3.50E-11	2.58E-11	7.18E-11	2.37E-10	1.40E-09	2.24E-11	5.05E-10	2.56E-08	2.38E-09	3.06E-08
1510	NG_206	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.857	1.96E-07	3.53E-07	Not Modelled	6.56E-09	1.76E-10	6.79E-06	1.90E-08	3.81E-09	3.81E-16	1.91E-09	4.55E-11	3.36E-11	9.34E-11	3.07E-10	1.82E-09	2.91E-11	6.56E-10	3.33E-08	3.09E-09	3.97E-08
1511	NG_207	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.857	1.99E-07	3.59E-07	Not Modelled	6.71E-09	1.79E-10	6.98E-06	1.93E-08	3.86E-09	3.86E-16	1.93E-09	4.62E-11	3.41E-11	9.48E-11	3.12E-10	1.84E-09	2.95E-11	6.66E-10	3.38E-08	3.14E-09	4.03E-08
1512	NG_208	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6366.857	2.01E-07	3.63E-07	Not Modelled	6.84E-09	1.81E-10	7.18E-06	1.96E-08	3.91E-09	3.91E-16	1.96E-09	4.68E-11	3.45E-11	9.60E-11	3.16E-10	1.87E-09	2.99E-11	6.75E-10	3.43E-08	3.18E-09	4.09E-08
1520	NG_216	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.857	1.77E-07	3.20E-07	Not Modelled	5.81E-09	1.61E-10	6.73E-06	1.74E-08	3.49E-09	3.49E-16	1.75E-09	4.17E-11	3.08E-11	8.56E-11	2.82E-10	1.67E-09	2.66E-11	6.01E-10	3.05E-08	2.83E-09	3.64E-08
1521	NG_217	Nested Grid - 50m	Parks/ Recreation	Offsite	379.214	6366.857	1.73E-07	3.11E-07	Not Modelled	5.58E-09	1.57E-10	6.52E-06	1.70E-08	3.40E-09	3.40E-16	1.70E-09	4.07E-11	3.00E-11	8.34E-11	2.75E-10	1.62E-09	2.60E-11	5.86E-10	2.98E-08	2.76E-09	3.55E-08
1551	NG_247	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.907	2.08E-07	3.78E-07	Not Modelled	7.22E-09	1.88E-10	7.15E-06	2.03E-08	4.07E-09	4.07E-16	2.03E-09	4.86E-11	3.58E-11	9.97E-11	3.28E-10	1.94E-09	3.10E-11	7.01E-10	3.56E-08	3.30E-09	4.24E-08
1552	NG_248	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.907	2.13E-07	3.89E-07	Not Modelled	7.49E-09	1.93E-10	7.45E-06	2.09E-08	4.18E-09	4.18E-16	2.09E-09	5.00E-11	3.68E-11	1.02E-10	3.37E-10	1.99E-09	3.19E-11	7.20E-10	3.66E-08	3.39E-09	4.36E-08
1561	NG_257	Nested Grid - 50m	Parks/ Recreation	Offsite	379.164	6366.907	2.01E-07	3.67E-07	Not Modelled	6.94E-09	1.84E-10	7.83E-06	1.99E-08	3.98E-09	3.98E-16	1.99E-09	4.76E-11	3.51E-11	9.77E-11	3.22E-10	1.90E-09	3.04E-11	6.86E-10	3.49E-08	3.23E-09	4.16E-08
1592	NG_288	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6366.957	2.18E-07	3.99E-07	Not Modelled	7.91E-09	1.98E-10	7.46E-06	2.14E-08	4.28E-09	4.28E-16	2.14E-09	5.12E-11	3.77E-11	1.05E-10	3.45E-10	2.04E-09	3.27E-11	7.37E-10	3.75E-08	3.47E-09	4.46E-08
1593	NG_289	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6366.957	2.27E-07	4.17E-07	Not Modelled	8.35E-09	2.07E-10	7.92E-06	2.23E-08	4.47E-09	4.47E-16	2.24E-09	5.34E-11	3.94E-11	1.10E-10	3.61E-10	2.13E-09	3.41E-11	7.70E-10	3.91E-08	3.63E-09	4.66E-08
1633	NG_329	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.007	2.25E-07	4.14E-07	Not Modelled	8.64E-09	2.05E-10	7.72E-06	2.22E-08	4.44E-09	4.44E-16	2.22E-09	5.31E-11	3.91E-11	1.09E-10	3.58E-10	2.12E-09	3.39E-11	7.65E-10	3.88E-08	3.60E-09	4.63E-08
1634	NG_330	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.007	2.37E-07	4.38E-07	Not Modelled	9.23E-09	2.17E-10	8.27E-06	2.34E-08	4.69E-09	4.69E-16	2.34E-09	5.60E-11	4.13E-11	1.15E-10	3.78E-10	2.24E-09	3.58E-11	8.08E-10	4.10E-08	3.80E-09	4.89E-08
1674	NG_370	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.057	2.29E-07	4.23E-07	Not Modelled	9.44E-09	2.10E-10	7.92E-06	2.27E-08	4.54E-09	4.54E-16	2.27E-09	5.42E-11	4.00E-11	1.11E-10	3.66E-10	2.17E-09	3.46E-11	7.82E-10	3.97E-08	3.68E-09	4.73E-08
1675	NG_371	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.057	2.43E-07	4.50E-07	Not Modelled	1.02E-08	2.23E-10	8.52E-06	2.41E-08	4.82E-09	4.82E-16	2.41E-09	5.77E-11	4.25E-11	1.18E-10	3.89E-10	2.30E-09	3.68E-11	8.31E-10	4.22E-08	3.91E-09	5.03E-08
1676	NG_372	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.057	2.58E-07	4.80E-07	Not Modelled	1.10E-08	2.37E-10	9.22E-06	2.56E-08	5.13E-09	5.13E-16	2.57E-09	6.13E-11	4.52E-11	1.26E-10	4.14E-10	2.45E-09	3.92E-11	8.84E-10	4.49E-08	4.16E-09	5.35E-08
1715	NG_411	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.107	2.31E-07	4.27E-07	Not Modelled	1.03E-08	2.12E-10	8.10E-06	2.29E-08	4.58E-09	4.58E-16	2.29E-09	5.48E-11	4.04E-11	1.12E-10	3.70E-10	2.19E-09	3.50E-11	7.90E-10	4.01E-08	3.72E-09	4.78E-08
1716	NG_412	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.107	2.46E-07	4.56E-07	Not Modelled	1.12E-08	2.26E-10	8.72E-06	2.44E-08	4.89E-09	4.89E-16	2.44E-09	5.84E-11	4.31E-11	1.20E-10	3.95E-10	2.33E-09	3.73E-11	8.42E-10	4.28E-08	3.96E-09	5.10E-08
1717	NG_413	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.107	2.64E-07	4.91E-07	Not Modelled	1.22E-08	2.43E-10	9.53E-06	2.63E-08	5.25E-09	5.25E-16	2.63E-09	6.28E-11	4.63E-11	1.29E-10	4.24E-10	2.51E-09	4.01E-11	9.05E-10	4.60E-08	4.26E-09	5.48E-08
1756	NG_452	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.157	2.32E-07	4.27E-07	Not Modelled	1.13E-08	2.13E-10	8.31E-06	2.30E-08	4.60E-09	4.60E-16	2.30E-09	5.50E-11	4.05E-11	1.13E-10	3.71E-10	2.19E-09	3.51E-11	7.92E-10	4.03E-08	3.73E-09	4.80E-08
1757	NG_453	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.157	2.48E-07	4.60E-07	Not Modelled	1.24E-08	2.28E-10	9.01E-06	2.47E-08	4.93E-09	4.93E-16	2.47E-09	5.90E-11	4.35E-11	1.21E-10	3.98E-10	2.35E-09	3.77E-11	8.50E-10	4.32E-08	4.00E-09	5.15E-08
1758	NG_454	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.157	2.68E-07	4.98E-07	Not Modelled	1.37E-08	2.47E-10	9.88E-06	2.67E-08	5.33E-09	5.33E-16	2.67E-09	6.38E-11	4.70E-11	1.31E-10	4.31E-10	2.55E-09	4.07E-11	9.19E-10	4.67E-08	4.33E-09	5.56E-08
1759	NG_455	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.157	2.91E-07	5.43E-07	Not Modelled	1.50E-08	2.68E-10	1.09E-05	2.90E-08	5.79E-09	5.79E-16	2.90E-09	6.93E-11	5.10E-11	1.42E-10	4.68E-10	2.76E-09	4.42E-11	9.98E-10	5.07E-08	4.70E-09	6.04E-08
1797	NG_493	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.207	2.32E-07	4.28E-07	Not Modelled	1.24E-08	2.13E-10	8.61E-06	2.31E-08	4.61E-09	4.61E-16	2.31E-09	5.52E-11	4.07E-11	1.13E-10	3.72E-10	2.20E-09	3.52E-11	7.95E-10	4.04E-08	3.74E-09	4.81E-08
1798	NG_494	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.207	2.50E-07	4.62E-07	Not Modelled	1.37E-08	2.30E-10	9.39E-06	2.48E-08	4.97E-09	4.97E-16	2.49E-09	5.94E-11	4.38E-11	1.22E-10	4.01E-10	2.37E-09	3.79E-11	8.56E-10	4.35E-08	4.03E-09	5.19E-08
1799	NG_495	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.207	2.70E-07	5.01E-07	Not Modelled	1.52E-08	2.48E-10	1.03E-05	2.68E-08	5.37E-09	5.37E-16	2.69E-09	6.42E-11	4.73E-11	1.32E-10	4.34E-10	2.56E-09	4.10E-11	9.25E-10	4.70E-08	4.36E-09	5.60E-08
1800	NG_496	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.207	2.94E-07	5.49E-07	Not Modelled	1.68E-08	2.71E-10	1.13E-05	2.93E-08	5.86E-09	5.86E-16	2.93E-09	7.01E-11	5.17E-11	1.44E-10	4.73E-10	2.80E-09	4.48E-11	1.01E-09	5.13E-08	4.76E-09	6.12E-08
1838	NG_534	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.257	2.33E-07	4.29E-07	Not Modelled	1.36E-08	2.14E-10	8.95E-06	2.31E-08	4.63E-09	4.63E-16	2.31E-09	5.53E-11	4.08E-11	1.13E-10	3.74E-10	2.21E-09	3.53E-11	7.97E-10	4.05E-08	3.75E-09	4.83E-08
1839	NG_535	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.257	2.50E-07	4.63E-07	Not Modelled	1.51E-08	2.30E-10	9.76E-06	2.49E-08	4.98E-09	4.98E-16	2.49E-09	5.96E-11	4.39E-11	1.22E-10	4.02E-10	2.38E-09	3.80E-11	8.58E-10	4.36E-08	4.04E-09	5.20E-08
1840	NG_536	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.257	2.71E-07	5.02E-07	Not Modelled	1.68E-08	2.50E-10	1.07E-05	2.70E-08	5.39E-09	5.39E-16	2.70E-09	6.45E-11	4.75E-11	1.32E-10	4.35E-10	2.57E-09	4.12E-11	9.30E-10	4.72E-08	4.38E-09	5.63E-08
1841	NG_537	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.257	2.95E-07	5.49E-07	Not Modelled	1.86E-08	2.72E-10	1.17E-05	2.94E-08	5.88E-09	5.88E-16	2.94E-09	7.03E-11	5.18E-11	1.44E-10	4.75E-10	2.81E-09	4.49E-11	1.01E-09	5.15E-08	4.77E-09	6.14E-08
1879	NG_575	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.307	2.33E-07	4.31E-07	Not Modelled	1.48E-08	2.15E-10	9.31E-06	2.32E-08	4.65E-09	4.65E-16	2.33E-09	5.56E-11	4.10E-11	1.14E-10	3.75E-10	2.22E-09	3.55E-11	8.01E-10	4.07E-08	3.77E-09	4.85E-08
1880	NG_576	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.307	2.50E-07	4.62E-07	Not Modelled	1.64E-08	2.31E-10	1.01E-05	2.49E-08	4.98E-09	4.98E-16	2.49E-09	5.96E-11	4.39E-11	1.22E-10	4.02E-10	2.38E-09	3.80E-11	8.59E-10	4.36E-08	4.04E-09	5.20E-08
1881	NG_577	Nested Grid - 50m	Parks/ Recreation	Offsite	378.764	6367.307	2.71E-07	5.03E-07	Not Modelled	1.83E-08	2.50E-10	1.11E-05	2.70E-08	5.40E-09	5.40E-16	2.70E-09	6.47E-11	4.76E-11	1.33E-10	4.36E-10	2.58E-09	4.13E-11	9.32E-10	4.73E-08	4.38E-09	5.64E-08
1920	NG_616	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.357	2.35E-07	4.34E-07	Not Modelled	1.60E-08	2.17E-10	9.68E-06	2.34E-08	4.69E-09	4.69E-16	2.34E-09	5.61E-11	4.13E-11	1.15E-10	3.78E-10	2.24E-09	3.58E-11	8.08E-10	4.10E-08	3.80E-09	4.89E-08
1921	NG_617	Nested Grid - 50m	Parks/ Recreation	Offsite	378.714	6367.357	2.52E-07	4.67E-07	Not Modelled	1.78E-08	2.33E-10	1.06E-05	2.52E-08	5.03E-09	5.03E-16	2.52E-09	6.02E-11	4.44E-11	1.23E-10	4.06E-10	2.40E-09	3.84E-11	8.67E-10	4.40E-08	4.08E-09	5.25E-08
2084	NG_780	Nested Grid - 50m	Parks/ Recreation	Offsite	378.664	6367.557	2.41E-07	4.45E-07	Not Modelled	1.87E-08	2.23E-10	1.07E-05	2.41E-08	4.81E-09	4.81E-16	2.41E-09	5.75E-11	4.24E-11	1.18E-10	3.88E-10	2.30E-09	3.67E-11	8.29E-10	4.21E-08	3.90E-09	5.02E-08
2087	NG_783	Nested Grid - 50m	Parks/ Recreation	Offsite	378.814	6367.557	3.08E-07	5.70E-07	Not Modelled	2.52E-08	2.85E-10	1.39E-05	3.08E-08	6.16E-09	6.16E-16	3.08E-09	7.36E-11	5.43E-11	1.51E-10	4.97E-10	2.94E-09	4.70E-11	1.06E-09	5.39E-08	4.99E-09	6.42E-08
1259	SR_298	Sensitive Receptor	Parks/ Recreation	Offsite	381.618	6366.961	3.39E-07	6.50E-07	Not Modelled	1.49E-08	3.14E-10	7.56E-06	3.39E-08	6.78E-09	6.78E-16	3.39E-09	8.12E-11	5.98E-11	1.66E-10	5.48E-10	3.24E-09	5.18E-11	1.17E-09	5.94E-08	5.50E-09	7.08E-08

Appendix D

Risk Estimates

Adopted Toxicity Data - Inhalation Pathway

Adopted Toxicity Data

Individual Compounds	Inhalation Unit Risk (IUR) (a) ($\mu g/m^3)^{-1}$	Source	Reference Concentration (RfC) ($\mu g/m^3$)	Source	Background Exposure Allocation (%)	Source
antimony	-	-	21	RIVM (2008). Converted from TDI of 0.006 mg/kg/day.	0%	Negligible.
arsenic	-	-	1	RIVM (2000).	0%	ASC NEPM (2013).
cadmium	-	-	0.005	WHO (2000a).	20%	ASC NEPM (2013).
chromium III	-	-	0.1	ATSDR (2008)	0%	ASC NEPM (2013). Consistent with CrVI.
chromium VI	-	-	0.1	US EPA IRIS (2015).	0%	ASC NEPM (2013).
lead	-	-	0.5	WHO (2000a).	0%	Negligible.
manganese	-	-	0.15	WHO (2000b).	20%	ASC NEPM (2013).
mercury	-	-	0.2	WHO (2003).	10%	ASC NEPM (2013).
nickel	-	-	0.02	EA (2009).	20%	ASC NEPM (2013).
cyanide	-		0.8	USEPA (2010).	0%	ASC NEPM (2013).
Dioxins and furans (PCDDs and PCDFs)	-	-	0.00000805	DEH (2005). Converted NHMRC TMI (70 pg/kg body weight/month) to TDI (2.3×10^{-9} mg/kg/day) to RfC.	57%	DEH (2004)
PAHs as benzo(a)pyrene*	8.70E-02	WHO (2000b). TEF (1)	-	-	-	-
toluene	-	-	5000	US EPA IRIS (2015).	0%	Friebel & Nadebaum (2011).
acetone (propanone)	-	-	30900	ATSDR (1994). Converted from chronic MRL of 13 ppm.	10%	Friebel & Nadebaum (2011) (b)
benzene	6.00E-06	WHO (2010).	30	US EPA IRIS (2015).	20%	Friebel & Nadebaum (2011).
Naphthalene*	-	-	3.7	ATSDR (2005)	0%	Negligible. ATSDR (2005).

Notes
CSF - Cancer slope factor.
RfD - Reference dose.
TDI - Tolerable daily intake.
TMI - Tolerable monthly intake.
(a) Those compounds with inhalation unit risk (IUR) values were considered to be carcinogens as part of this assessment. It should be noted that some compounds were assessed as both a carcinogen and non-carcinogen e.g. benzene.
(b) In absence of compound-specific background exposure data, the background exposure for semi or volatile CoPC has been set at 10% in accordance with the total petroleum hydrocarbon (TPH) background exposure allocation adopted by CRC CARE (2011) during derivation of the Health Screening Levels (HSLs).

References
ATSDR Toxicological Profiles available at http://www.atsdr.cdc.gov/toxprofiles/index.asp.
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IRIS (2015) - Integrated Risk Information System (US EPA)
RIVM - National Institute for Public Health and the Environment
USEPA (2010) - Toxicological Review of Hydrogen Cyanide and Cyanide Salts, in support of Summary Information on the Integrated Risk Information System (IRIS), EPA/635/R-08/061F.
WHO (2000a) Air Quality Guidelines for Europe. Second Edition. WHO Regional Publications. European Series No. 91. World Health Organisation. Regional Office for Europe Copenhagen. 2000.
WHO (2000b) Guidelines for Air Quality. World Health Organization, Geneva.
WHO (2003) Concise International Chemical Assessment Document 50 (CICAD 50), Elemental Mercury and Inorganic Mercury Compounds: Human Health Aspects. World Health Organisation, Geneva.
WHO (2010) Guidelines for Indoor Air Quality. World Health Organization, Geneva.

Risk Estimate for Resident - Inhalation Pathway (Scenario 1)

Health Risk Calculations - Inhalation of Vapour
Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd
Scenario: Inhalation of Vapour by Off-site Residents (Adult and Child)

$$Exposure\ Adjusted\ Air\ Concentration\left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) \times ET\ \left(\frac{h}{d}\right) \times EF\ \left(\frac{d}{y}\right) \times ED(y)}{AT(h)}$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Cair	Chemical concentration in air (µg/m^3)	See model below		Grid maximum ground level concentration (GLC)
ET	Exposure time (hours/day)	24	24	ASC NEPM (2013) - low to medium density residential
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - low to medium density residential
AT	Averaging time - Non-threshold (hours)	613200	613200	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (hours)	254040	52560	ASC NEPM (2013) - low to medium density residential

CoPC	Maximum Annual Average GLC (µg/m^3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Adult				Child			
						Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)		Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)	Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
antimony	1.27E-06	21	0%	21	-	-	-	1.27E-06	6.05E-08	-	-	1.27E-06	6.05E-08
arsenic	8.81E-07	1	0%	1	-	-	-	8.81E-07	8.81E-07	-	-	8.81E-07	8.81E-07
cadmium	1.42E-05	0.005	20%	0.004	-	-	-	1.42E-05	3.55E-03	-	-	1.42E-05	3.55E-03
chromium III	8.80E-06	0.1	0%	0.1	-	-	-	8.80E-06	8.80E-05	-	-	8.80E-06	8.80E-05
lead	5.03E-06	0.5	0%	0.5	-	-	-	5.03E-06	1.01E-05	-	-	5.03E-06	1.01E-05
manganese	5.29E-05	0.15	20%	0.12	-	-	-	5.29E-05	4.41E-04	-	-	5.29E-05	4.41E-04
mercury	8.36E-07	0.2	10%	0.18	-	-	-	8.36E-07	4.64E-06	-	-	8.36E-07	4.64E-06
nickel	1.91E-05	0.02	20%	0.016	-	-	-	1.91E-05	1.19E-03	-	-	1.91E-05	1.19E-03
cyanide	9.32E-04	0.8	0%	0.8	-	-	-	9.32E-04	1.17E-03	-	-	9.32E-04	1.17E-03
Dioxins and furans (PCDDs and PCDFs	1.82E-11	0.00000805	57%	3.4615E-06	-	-	-	1.82E-11	5.26E-06	-	-	1.82E-11	5.26E-06
PAHs as benzo(a)pyrene*	3.24E-06	-	-	-	8.70E-02	1.34E-06	1.17E-07	-	-	2.78E-07	2.42E-08	-	-
toluene	3.11E-03	5000	0%	5000	-	-	-	3.11E-03	6.22E-07	-	-	3.11E-03	6.22E-07
acetone (propanone)	2.61E-03	30900	10%	27810	-	-	-	2.61E-03	9.39E-08	-	-	2.61E-03	9.39E-08
benzene	2.41E-04	30	20%	24	6.00E-06	9.98E-05	5.99E-10	2.41E-04	1.00E-05	2.07E-05	1.24E-10	2.41E-04	1.00E-05
Naphthalene*	4.81E-04	3.7	0%	3.7	-	-	-	4.81E-04	1.30E-04	-	-	4.81E-04	1.30E-04
						Total ILCR (Adult)	**1.17E-07**	**Hazard Index (ΣHQ) (Adult)**	**6.60E-03**	**Total ILCR (Child)**	**2.43E-08**	**Hazard Index (ΣHQ) (Child)**	**6.60E-03**

* Based on the Total PAH stack testing results collated from 2014 to 2016, the carcinogenic PAHs (Benzo(a)anthracene, Benzo(b+j)fluoranthene, Benzo(k)fluoranthene, Benzo(g,h,i)perylene, Chrysene, Dibenz(a,h)anthracene, and Indeno(1,2,3-c,d)pyrene) have been assessed as BaP, and the average percent contribution of the carcinogenic PAHs to the Total PAH is 0.67%. The remaining contribution of PAHs (99.3%) has been assessed as naphthalene. The speciated breakdowns of the Total PAH stack testing results are presented in Appendix G.

Risk Estimate for Commercial Worker - Inhalation Pathway (Scenario 1)

Health Risk Calculations - Inhalation of Vapour
Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd
Scenario: Inhalation of Vapour by Off-site Commercial Workers (Adult)

$$Exposure\ Adjusted\ Air\ Concentration\left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) \times ET\ \left(\frac{h}{d}\right) \times EF\ \left(\frac{d}{y}\right) \times ED(y)}{averaging\ time\ (h)}$$

Parameter	Description and Units	Adopted Value	Notes
Cair	Chemical concentration in air (µg/m^3)	See model below	Grid maximum ground level concentration (GLC)
ET	Exposure time (hours/day)	9	ASC NEPM (2013) - commercial/industrial.
EF	Exposure frequency (days/year)	240	ASC NEPM (2013) - commercial/industrial.
ED	Exposure duration (years)	30	ASC NEPM (2013) - commercial/industrial.
AT	Averaging time - Non-threshold (hours)	613200	ASC NEPM (2013) - commercial/industrial.
	Averaging time -Threshold (hours)	262800	ASC NEPM (2013) - commercial/industrial.

CoPC	Maximum Annual Average GLC (µg/m^3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Non-Threshold Compounds (Carcinogens)		Threshold Compounds (non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
antimony	1.72E-05	21	0%	21	-	-	-	4.24E-06	2.02E-07
arsenic	1.22E-05	1	0%	1	-	-	-	3.01E-06	3.01E-06
cadmium	1.89E-04	0.005	20%	0.004	-	-	-	4.66E-05	1.17E-02
chromium III	1.18E-04	0.1	0%	0.1	-	-	-	2.91E-05	2.91E-04
lead	6.74E-05	0.5	0%	0.5	-	-	-	1.66E-05	3.32E-05
manganese	7.05E-04	0.15	20%	0.12	-	-	-	1.74E-04	1.45E-03
mercury	1.12E-05	0.2	10%	0.18	-	-	-	2.76E-06	1.53E-05
nickel	2.54E-04	0.02	20%	0.016	-	-	-	6.26E-05	3.91E-03
cyanide	1.24E-02	0.8	0%	0.8	-	-	-	3.06E-03	3.82E-03
Dioxins and furans (PCDDs and PCDFs)	2.43E-10	0.00000805	57%	3.4615E-06	-	-	-	5.99E-11	1.73E-05
PAHs as benzo(a)pyrene*	4.33E-05	-	-	-	8.70E-02	4.57E-06	3.98E-07	-	-
toluene	4.14E-02	5000	0%	5000	-	-	-	1.02E-02	2.04E-06
acetone (propanone)	3.47E-02	30900	10%	27810	-	-	-	8.56E-03	3.08E-07
benzene	3.21E-03	30	20%	24	6.00E-06	3.39E-04	2.04E-09	7.92E-04	3.30E-05
Naphthalene*	6.42E-03	3.7	0%	3.7	-	-	-	1.58E-03	4.28E-04
						Total ILCR (Adult)	**4.00E-07**	**Hazard Index (∑HQ) (Adult)**	**2.17E-02**

* Based on the Total PAH stack testing results collated from 2014 to 2016, the carcinogenic PAHs (Benzo(a)anthracene, Benzo(b+j)fluoranthene, Benzo(k)fluoranthene, Benzo(g,h,i)perylene, Chrysene, Dibenz(a,h)anthracene, and Indeno(1,2,3-c,d)pyrene) have been assessed as BaP, and the average percent contribution of the carcinogenic PAHs to the Total PAH is 0.67%. The remaining contribution of PAHs (99.3%) has been assessed as naphthalene. The speciated breakdowns of the Total PAH stack testing results are presented in Appendix G.

Risk Estimate for Recreational User - Inhalation Pathway (Scenario 1)

Health Risk Calculations - Inhalation of Vapour
Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd
Scenario: Inhalation of Vapour by Off-site Recreational Users (Adult and Child)

$$Exposure\ Adjusted\ Air\ Concentration\left(\frac{\mu g}{m^3}\right) = \frac{Cair\left(\frac{\mu g}{m^3}\right) \times ET\left(\frac{h}{d}\right) \times EF\left(\frac{d}{y}\right) \times ED(y)}{AT(h)}$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Cair	Chemical concentration in air (µg/m^3)	See model below		Grid maximum ground level concentration (GLC)
ET	Exposure time (hours/day)	2	2	ASC NEPM (2013) - recreational user
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - recreational user
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - recreational user
AT	Averaging time - Non-threshold (hours)	613200	613200	ASC NEPM (2013) - recreational user
	Averaging time -Threshold (hours)	254040	52560	ASC NEPM (2013) - recreational user

CoPC	Maximum Annual Average GLC (µg/m^3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Adult				Child			
						Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)		Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)	Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
antimony	1.86E-06	21	0%	21	-	-	-	1.55E-07	7.38E-09	-	-	1.55E-07	7.38E-09
arsenic	1.29E-06	1	0%	1	-	-	-	1.08E-07	1.08E-07	-	-	1.08E-07	1.08E-07
cadmium	2.06E-05	0.005	20%	0.004	-	-	-	1.72E-06	4.29E-04	-	-	1.72E-06	4.29E-04
chromium III	1.28E-05	0.1	0%	0.1	-	-	-	1.07E-06	1.07E-05	-	-	1.07E-06	1.07E-05
lead	7.34E-06	0.5	0%	0.5	-	-	-	6.12E-07	1.22E-06	-	-	6.12E-07	1.22E-06
manganese	7.70E-05	0.15	20%	0.12	-	-	-	6.42E-06	5.35E-05	-	-	6.42E-06	5.35E-05
mercury	1.22E-06	0.2	10%	0.18	-	-	-	1.02E-07	5.65E-07	-	-	1.02E-07	5.65E-07
nickel	2.78E-05	0.02	20%	0.016	-	-	-	2.32E-06	1.45E-04	-	-	2.32E-06	1.45E-04
cyanide	1.36E-03	0.8	0%	0.8	-	-	-	1.13E-04	1.42E-04	-	-	1.13E-04	1.42E-04
Dioxins and furans (PCDDs and PCDFs	2.66E-11	0.00000805	57%	0.00000346	-	-	-	2.22E-12	6.40E-07	-	-	2.22E-12	6.40E-07
PAHs as benzo(a)pyrene*	4.72E-06	-	-	-	8.70E-02	1.63E-07	1.42E-08	-	-	3.37E-08	2.94E-09	-	-
toluene	4.53E-03	5000	0%	5000	-	-	-	3.78E-04	7.55E-08	-	-	3.78E-04	7.55E-08
acetone (propanone)	3.80E-03	30900	10%	27810	-	-	-	3.17E-04	1.14E-08	-	-	3.17E-04	1.14E-08
benzene	3.51E-04	30	20%	24	6.00E-06	1.21E-05	7.27E-11	2.93E-05	1.22E-06	2.51E-06	1.50E-11	2.93E-05	1.22E-06
Naphthalene*	7.00E-04	3.7	0%	3.7	-	-	-	5.84E-05	1.58E-05	-	-	5.84E-05	1.58E-05
						Total ILCR (Adult)	**1.43E-08**	**Hazard Index (∑HQ) (Adult)**	**7.99E-04**	**Total ILCR (Child)**	**2.95E-09**	**Hazard Index (∑HQ) (Child)**	**7.99E-04**

* Based on the Total PAH stack testing results collated from 2014 to 2016, the carcinogenic PAHs (Benzo(a)anthracene, Benzo(b+j)fluoranthene, Benzo(k)fluoranthene, Benzo(g,h,i)perylene, Chrysene, Dibenz(a,h)anthracene, and Indeno(1,2,3-c,d)pyrene) have been assessed as BaP, and the average percent contribution of the carcinogenic PAHs to the Total PAH is 0.67%. The remaining contribution of PAHs (99.3%) has been assessed as naphthalene. The speciated breakdowns of the Total PAH stack testing results are presented in Appendix G.

Potential Concentration in Soils Following Dust Deposition (Scenario 1)

Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd

Concentration in Soils

$$C_s = \frac{DR \times (1-e^{-k \times t})}{d \times \rho \times k} \times 1000$$

Parameter	Description and Units	Adopted Value		Notes
C_s	Concentration of CoPC in soil (mg/kg)	See below		Calculated using above equation (Stevens, 1991).
DR	Particle deposition rate for accidental release (mg/m^2/year)	See below		Maximum modelled deposition rate for receptors combined.
k	Chemical-specific soil-loss constant (1/year) = ln(2)/T$^{0.5}$	See below		Calculated using equation ln(2)/T$^{0.5}$.
T$^{0.5}$	Chemical half-life in soil (years)	See below		Howard et al. (1991) for PAHs (benzo(a)pyrene) and hexachlorobenzene. NHMRC (2002) for dioxins and furans (surface soil). Conservative value adopted for heavy metals in the absense of published data.
t	Accumulation time (years)	25		Emissions may occur for the assumed lifetime of the Facility.
d	Soil mixing depth (m)	0.01	0.15	It is assumed that the soil where deposition occurs is not well mixed (as would be the case in a garden or cultivated bed), and hence the mixing depth for depositied soils and dusts has been taken to be 1cm. For the assessment of potential plant uptake, a soil mixing zone of 15cm has been assumed within the root zone of plants.
ρ	Soil bulk-density (g/m^3)	1.60E+06		Sandy soils (representative of surface soils) typically have bulk densities between 1.3 g/cm^3 to 1.7 g/cm^3 (McKenzie et al., 2004). In general, bulk densities greater than 1.6 g/cm^3 tend to restrict root growth.
1000	Conversion from g to kg	-		

CoPC	Deposition Rate (total) (mg/m^2/year)	k (1/year)	T$^{0.5}$ (years)	C_s (mg/kg) - Surface Soil	C_s (mg/kg) - Soil-Plant Root Zone
antimony		Not bioaccumulative (WHO, 2003)			
arsenic	3.05E-12	0.01	100	4.38E-12	2.92E-13
cadmium	4.77E-11	0.01	100	6.84E-11	4.56E-12
chromium	2.97E-11	0.01	100	4.26E-11	2.84E-12
lead	1.70E-11	0.01	100	2.44E-11	1.63E-12
manganese		Not bioaccumulative (ATSDR, 2012)			
mercury	2.82E-12	0.01	100	4.05E-12	2.70E-13
nickel	6.42E-11	0.01	100	9.21E-11	6.14E-12
dioxins and furans as PCDD and PCDF	6.14E-17	0.05	15	5.69E-17	3.79E-18
PAHs as benzo(a)pyrene*	1.09E-11	0.48	1.45	1.43E-12	9.52E-14

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For metals that were considered to be bioaccumulative and/or persistent, a conservative half-life value of 100 years was adopted in the absence of published data to account for the slow (or no) breakdown in the environment.

* Based on the Total PAH stack testing results collated from 2014 to 2016, the carcinogenic PAHs (Benzo(a)anthracene, Benzo(b+j)fluoranthene, Benzo(k)fluoranthene, Benzo(g,h,i)perylene, Chrysene, Dibenz(a,h)anthracene, and Indeno(1,2,3-c,d)pyrene) have been assessed as BaP, and the average percent contribution of the carcinogenic PAHs to the Total PAH is 0.67%. The remaining contribution of PAHs (99.3%) has been assessed as naphthalene. The speciated breakdowns of the Total PAH stack testing results are presented in Appendix G.

Health Risk Calculations - Ingestion of Home-grown Produce (Scenario 1)

Site	Regain Tomago Facility
Address	638 Tomago Road, Tomago
Client	Regain Services Pty Ltd
Scenario:	Ingestion of Homegrown Produce by Off-site Residents (Adult and Child)

Concentration in Home-grown Produce

Deposited Material on Aboveground Plants

$$C_p = \frac{DR \times F \times (1-e^{-k \times t})}{Y \times k}$$

Parameter	Description and Units	Adopted Value	Notes
C_p	Concentration of CoPC in plant (mg/kg plant - wet weight)	See below	Calculated using above equation from HHRAP (Stevens, 1991).
DR	Particle deposition rate for accidental release (mg/m^2/day)	See below	Maximum modelled deposition rate for receptors combined.
F	Fraction for the surface area of plant (unitless)	0.051	For leafy aboveground crops, the surface area fraction (or plant interception fraction - how much of the depositing material remains on the plant) is estimated to be 0.051 (Stevens, 1991).
k	Chemical-specific loss constant for particles on plants (1/days) = ln(2)/T$^{0.5}$	See below	Calculated using equation ln(2)/T$^{0.5}$.
T$^{0.5}$	Chemical half-life on plant (days)	14	Weathering of particulates on plant surfaces does occur and in the absence of measured data, it is generally assumed that organics deposited onto the outer portion of plant surfaces have a weathering half-life of 14 days (Stevens, 1991). Conservative value adopted for heavy metals in the absense of published data.
t	Deposition time or length of growing season (days)	70	The growing season for typical aboveground plants varies, however it may be up to 70 days (i.e. tomatoes), which has been used in the calculation on concentrations during normal operations.
Y	Crop yield (kg/m^2)	2	Given that the residential areas surrounding the Site are typically urban low-density residential properties, the types of edible plant expected to be grown on the properties include tomatoes and beans. Corn, hay and wheat are not expected to be grown for human consumption in significant quantities in the area. For typical crops grown aboveground an average crop yield of 2 kg/m^2 has been adopted.

CoPC	DR (mg/m^2/day)	k (1/days)	C_p (mg/kg plant - wet weight)
arsenic	3.05E-12	4.95E-02	1.52E-12
cadmium	4.77E-11	4.95E-02	2.38E-11
chromium	2.97E-11	4.95E-02	1.48E-11
lead	1.70E-11	4.95E-02	8.48E-12
mercury	2.82E-12	4.95E-02	1.41E-12
nickel	6.42E-11	4.95E-02	3.20E-11
dioxins and furans as PCDD and PCDF	6.14E-17	4.95E-02	3.06E-17
PAHs as benzo(a)pyrene*	1.09E-11	4.95E-02	5.45E-12

Uptake of Chemicals via Roots

$$C_{rp} = C_s \times RUF$$

Parameter	Description and Units	Adopted Value	Notes
C_{rp}	Concentration of persistent CoPC in root of plant (mg/kg plant - wet weight)	See below	Calculated using above equation (US EPA, 2005).
C_s	Concentration of persistent CoPC in soil assuming 15 cm mixing depth within gardens (mg/kg)	See below	Refer to Dust Deposition Model.
RUF	Root uptake factor (unitless)	See below	RAIS (Accessed 2018). Soil to wet plant uptake factor adopted. Value for 2,3,7,8-TCDD conservatively selected for dioxins and furans.

CoPC	Cs (mg/kg) - Soil-Plant Root Zone	RUF (unitless)	C_{rp} (mg/kg plant - wet weight)
arsenic	2.92E-13	1.00E-02	2.92E-15
cadmium	4.56E-12	1.38E-01	6.30E-13
chromium	2.84E-12	1.87E-03	5.31E-15
lead	1.63E-12	1.12E-02	1.82E-14
mercury	2.70E-13	2.25E-01	6.07E-14
nickel	6.14E-12	1.50E-02	9.21E-14
dioxins and furans as PCDD and PCDF	3.79E-18	8.76E-04	3.32E-21
PAHs as benzo(a)pyrene*	9.52E-14	2.14E-03	2.04E-16

Soil bulk density (g/cm^3)	1.63	Assumed for typical soil in root zone
Soil-water content by volume (cm^3/cm^3)	0.13	Assumed for typical soil in root zone
Fraction organic carbon (foc)	2%	ASC NEPM (2013)
Fraction tnat is home-grown	10%	ASC NEPM (2013) - HIL A

CoPC		Chemical Properties of Organics (as per RAIS 2015)					Intermediate Calculations for Organics					
		Koc (cm^3/g)	Log Kow	Kow	Dw (m^2/s)	Dw (cm^2/s)	K_{ch} (cm^3/g)	K_{pw} (cm^3/g)	k_2 (per hour)	k_1 (per hour)	K_{wood} (mg/g dw wood per mg/cm^3 water)	C_{stem} (mg/g)
dioxins and furans as PCDD and PCDF		6.5	6.80E+00	6.31E+06	6.76E-10	6.76E-06	3	2.11E+02	9.54E-05	1.55E-01	4.03E+00	389166.1422
PAHs as benzo(a)pyrene*		587000	6.13E+00	1.35E+06	9.00E-10	0.000009	3	6.55E+01	4.11E-04	2.29E-06	3.60E+00	0.018998604

Ingestion of Home-grown Produce

Percentage of Fruit and Vegatable per produce group (Table 7, Schedule B7, ASC NEPM (2013)).

Produce Group	Adults (%)	Adult Consumption Rate (g/day)	Portion of Aboveground Plants (Green Vegetables and Tree Fruit)	Portion of Root Plants (Root Vegetables and Tuber Vegetables)	Children (%)	Child Consumption Rate (g/day)	Portion of Aboveground Plants (Green Vegetables and Tree Fruit)	Portion of Root Plants (Root Vegetables and Tuber Vegetables)
Green Vegetables	59	153.4	0.73	0.27	55	55	0.84	0.16
Root Vegetables	18	46.8			17	17		
Tuber Vegetables	23	59.8			28	28		
Tree Fruit	100	140			100	180		
Total Consumption		**400**				**280**		

$$Intake\ Factor = \frac{IR \times FI \times ME \times EF \times ED}{BW \times AT}$$

$$Daily\ Intake = Concentration\ in\ Produce \times Intake\ Factor$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Intake Factor	Intake factor (kg/kg/day)	See model below		-
IR	Ingestion rate (kg/day)	0.469	0.202	
FI	Fraction ingested from a home-grown source (FI)	0.1		10% from home-grown source, as per ASC NEPM (2013) - low to medium density residential
ME	Matrix Effect (unitless)	1		Assumed to be 100% bioavailable
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - low to medium density residential
BW	Body weight (kg)	70	15	ASC NEPM (2013) - low to medium density residential
AT	Averaging time - Non-threshold (days)	25550	25550	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (days)	10585	2190	ASC NEPM (2013) - low to medium density residential

CoPC	Adult Concentration in Produce (wet weight, mg/kg) (a)	Child Concentration in Produce (wet weight, mg/kg) (a)	Adult Intake Factor (kg/kg/day)		Child Intake Factor (kg/kg/day)		Adult Daily Intake from Produce (mg/kg/day)		Child Daily Intake from Produce (mg/kg/day)	
			Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)
arsenic	1.12E-12	1.28E-12	2.78E-04	6.70E-04	1.15E-04	1.35E-03	-	7.48E-16	-	1.72E-15
cadmium	1.76E-11	2.01E-11					-	1.18E-14	-	2.70E-14
chromium	1.09E-11	1.24E-11					-	7.28E-15	-	1.67E-14
lead	6.23E-12	7.12E-12					-	4.17E-15	-	9.59E-15
mercury	1.05E-12	1.19E-12					-	7.02E-16	-	1.60E-15
nickel	2.35E-11	2.69E-11					-	1.58E-14	-	3.62E-14
dioxins and furans as PCDD and PCDF	2.25E-17	2.57E-17					-	1.51E-20	-	3.46E-20
PAHs as benzo(a)pyrene*	4.00E-12	4.57E-12					1.11E-15	-	5.28E-16	-

(a) Calculated based on portions of aboveground and root plants as presented above.

CoPC	Oral Cancer Slope Factor (CSF) $(mg/kg/day)^{-1}$	Background Adjusted Oral Reference Dose (RfD) mg/kg/day	Adult Non-Threshold Compounds (Carcinogens)	Adult Threshold Compounds (Non-carcinogens)	Child Non-Threshold Compounds (Carcinogens)	Child Threshold Compounds (Non-carcinogens)
			Incremental Lifetime Cancer Risk (ILCR) (unitless)	Hazard Quotient (HQ)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Hazard Quotient (HQ)
arsenic	-	1.00E-03	-	7.48E-13	-	1.72E-12
cadmium	-	3.20E-04	-	3.69E-11	-	8.45E-11
chromium	-	9.00E-04	-	8.09E-12	-	1.86E-11
lead	-	3.50E-03	-	1.19E-12	-	2.74E-12
mercury	-	3.60E-04	-	1.95E-12	-	4.45E-12
nickel	-	4.80E-03	-	3.28E-12	-	7.55E-12
dioxins and furans as PCDD and PCDF	-	9.89E-10	-	1.52E-11	-	3.50E-11
PAHs as benzo(a)pyrene*	0.5	-	5.55E-16	-	2.64E-16	-
		Total	**5.55E-16**	**6.74E-11**	**2.64E-16**	**1.55E-10**

Health Risk Calculations - Ingestion of Poultry and Eggs (Scenario 1)
Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd
Scenario: Ingestion of Poultry and Eggs by Off-site Residents (Adult and Child)

Concentration in Eggs

$$A_{egg} = [\Sigma(F_i \times Qpi \times Pi) + Qs \times Cs \times Bs] \times (Ba_{egg})$$

Parameter	Description and Units	Adopted Value	Notes
A_{egg}	Concentration of COPC in eggs (mg COPC/kg FW tissue)	See model below	Calculated using above equation.
F_i	Fraction of plant type (i) (grain) grown on contaminated soil and ingested by the animal (chicken) (unitless)	1	Recommended by HHRAP (US EPA, 2005). Assumed 100% of the plant material eaten by chickens were grown on soil contaminated by emission sources.
Qp_i	Quantity of plant type (i) (grain) eaten by the animal (chicken) each day (kg DW plant/day)	0.2	Recommended by HHRAP (US EPA, 2005). Estimated for grain feed only.
P_i	Concentration of CoPC in plant type (i) (grain) eaten by the animal (chicken) (mg/kg DW)	See home-grown produce model	Refer to C_p and C_{rp} (mg/kg plant - wet weight). Although C_p and C_{rp} are presented as a wet weight, this is unlikely to affected the outcome of the assessment as dust deposition rates included both wet and dry deposition.
Qs	Quantity of soil eaten by the animal (chicken) (kg/day)	0.022	Recommended by HHRAP (US EPA, 2005).
Cs	Average soil concentration over exposure duration (mg CoPC/kg soil)	See dust-deposition model	Refer to C_s Soil-Plant Root Zone (mg/kg)
Bs	Soil bioavailability factor (unitless)	1	Default value recommended by HHRAP (US EPA, 2005).
Ba_{egg}	CoPC biotransfer factor for eggs (day/kg FW tissue)	See model below	The highest biotransfer factor for eggs recommended by the HHRAP Database (US EPA, 2005) or published by OEHHA (2015) was conservatively selected in the HHRA. OEHHA values were adopted for arsenic, lead, mercury, nickel and dioxins and furans (value for 2,3,7,8-TCDD adopted for dioxins and furans). HHRAP Database values were adopted for chromium and PAHs. For chromium, an egg biotransfer coefficient was not available and therefore fat transfer coefficients were estimated from the beef transfer coefficient. The egg biotransfer coefficient was then estimated by using the fat transfer coefficient and assumed that eggs contain a fat content of 8% consistent with US EPA (2005) and the following equations: $Ba_{beef} = 10^{logBafat} \times 0.19$ $Ba_{egg} = 10^{logBafat} \times 0.08$

CoPC	Concentration of CoPC in Plant (mg/kg DW) (P_i)	Cs (mg/kg) - Soil-Plant Root Zone	A_{egg}	
			CoPC biotransfer factor for eggs (Ba_{egg}) (day/kg FW tissue)	Concentration of COPC in eggs (A_{egg}) (mg COPC/kg FW tissue)
arsenic	1.52E-12	2.92E-13	7.00E-02	2.18E-14
cadmium	2.44E-11	4.56E-12	1.00E-02	4.99E-14
chromium	1.48E-11	2.84E-12	2.32E-03	7.01E-15
lead	8.50E-12	1.63E-12	4.00E-02	6.94E-14
mercury	1.47E-12	2.70E-13	8.00E-01	2.40E-13
nickel	3.21E-11	6.14E-12	2.00E-02	1.31E-13
dioxins and furans as PCDD and PCDF	3.06E-17	3.79E-18	1.00E+01	6.21E-17
PAHs as benzo(a)pyrene*	5.45E-12	9.52E-14	1.58E+00	1.73E-12

Ingestion of Eggs

$$Intake\ Factor = \frac{IR \times FI \times ME \times EF \times ED}{BW \times AT}$$

$$Daily\ Intake = Aegg \times Intake\ Factor$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Intake Factor	Intake factor (kg/kg/day)	See model below		-
IR	Ingestion rate (kg/day)	0.014	0.006	enHealth (2012b). Suggested (average) values for intake of total egg. Value for >19 years adopted for an adult (14 g/day) and 2-3 years adopted for a child (6 g/day).
FI	Fraction ingested from home-grown source (unitless)	1		100% home-sourced eggs as a conservative estimate
ME	Matrix effect (unitless)	1		Assumed 100% bioavailability
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - low to medium density residential
BW	Body weight (kg)	70	15	ASC NEPM (2013) - low to medium density residential
AT	Averaging time - Non-threshold (days)	25550	25550	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (days)	10585	2190	ASC NEPM (2013) - low to medium density residential

		Adult Intake Factor (kg/kg/day)		Child Intake Factor (kg/kg/day)		Adult Daily Intake (mg/kg/day)		Child Daily Intake (mg/kg/day)	
CoPC	Concentration of COPC in eggs (A_{egg}) (mg COPC/kg FW tissue)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)
arsenic	2.18E-14	8.29E-05	2.00E-04	3.43E-05	4.00E-04	-	4.36E-18	-	8.72E-18
cadmium	4.99E-14					-	9.97E-18	-	1.99E-17
chromium	7.01E-15					-	1.40E-18	-	2.80E-18
lead	6.94E-14					-	1.39E-17	-	2.78E-17
mercury	2.40E-13					-	4.79E-17	-	9.58E-17
nickel	1.31E-13					-	2.62E-17	-	5.25E-17
dioxins and furans as PCDD and PCDF	6.21E-17					-	1.24E-20	-	2.48E-20
PAHs as benzo(a)pyrene*	1.73E-12					1.43E-16	-	5.92E-17	-

			Adult Non-Threshold Compounds (Carcinogens)	Adult Threshold Compounds (Non-carcinogens)	Child Non-Threshold Compounds (Carcinogens)	Child Threshold Compounds (Non-carcinogens)
CoPC	Oral Cancer Slope Factor (CSF) $(mg/kg/day)^{-1}$	Background Adjusted Oral Reference Dose (RfD) mg/kg/day	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Hazard Quotient (HQ)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Hazard Quotient (HQ)
arsenic	-	1.00E-03	-	4.36E-15	-	8.72E-15
cadmium	-	3.20E-04	-	3.12E-14	-	6.23E-14
chromium	-	9.00E-04	-	1.56E-15	-	3.12E-15
lead	-	3.50E-03	-	3.97E-15	-	7.94E-15
mercury	-	3.60E-04	-	1.33E-13	-	2.66E-13
nickel	-	4.80E-03	-	5.47E-15	-	1.09E-14
dioxins and furans as PCDD and PCDF	-	9.89E-10	-	1.26E-11	-	2.51E-11
PAHs as benzo(a)pyrene*	0.5	-	7.15E-17	-	2.96E-17	-
		Total	**7.15E-17**	**1.27E-11**	**2.96E-17**	**2.55E-11**

Health Risk Calculations - Ingestion of Homegrown Beef (Scenario 1)

Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd
Scenario: Ingestion of Homegrown Beef by Off-site Residents (Adult and Child)

Concentration in Beef

$$A_{beef} = [\Sigma(F_i \times Qpi \times Pi) + Qs \times Cs \times Bs] \times Ba_{beef} \times MF$$

Parameter	Description and Units	Adopted Value	Notes
A_{beef}	Concentration of CoPC in beef through ingestion of contaminated feed items (plant) and soil (mg CoPC/kg FW tissue)	See model below	Calculated using above equation.
F_i	Fraction of plant type (i) grown on contaminated soil and ingested by the animal (cattle) (unitless)	1	Recommended by HHRAP (US EPA, 2005). Assumed 100% of the plant material eaten by cattle were grown on soil contaminated by emission sources.
Qp_i	Quantity of plant type (i) eaten by the animal (cattle) per day (kg DW plant/day)	11.8	Recommended by HHRAP (US EPA, 2005). Sum of beef ingestion rates for forage (8.8 kg DW/day), silage (2.5 kg DW/day) and grain (0.47 kg DW/day).
P_i	Concentration of CoPC in each plant type (i) eaten by the animal (cattle) (mg/kg DW)	See home-grown produce model	Refer to C_p and C_{rp} (mg/kg plant - wet weight). Although C_p and C_{rp} are presented as a wet weight, this is unlikely to affected the outcome of the assessment as dust deposition rates included both wet and dry deposition.
Qs	Quantity of soil eaten by the animal (cattle) each day (kg/day)	0.5	Recommended by HHRAP (US EPA, 2005).
Cs	Average soil concentration over exposure duration (mg CoPC/kg soil)	See dust-deposition model	Refer to C_s Soil-Plant Root Zone (mg/kg)
Bs	Soil bioavailability factor (unitless)	1	Default value recommended by HHRAP (US EPA, 2005).
Ba_{beef}	CoPC biotransfer factor for beef (day/kg FW tissue)	See model below	The highest biotransfer factor for beef recommended by the HHRAP Database (US EPA, 2005) or published in RAIS (2015) was conservatively selected in the HHRA. RAIS values were adopted for all metals. HHRAP Database values were adopted for dioxins and furans (value for 2,3,7,8-TCDD adopted for dioxins and furans) and PAHs
MF	Metabolism factor (unitless)	1	Default value recommended by HHRAP (US EPA, 2005).

CoPC	Concentration of CoPC in Plant (mg/kg DW) (P_i)	Cs (mg/kg) - Soil-Plant Root Zone	CoPC biotransfer factor for beef Ba_{beef} (day/kg FW tissue)	Concentration of CoPC in beef through ingestion of contaminated feed items (plant) and soil
arsenic	1.52E-12	2.92E-13	0.002	3.62E-14
cadmium	2.44E-11	4.56E-12	0.00055	1.59E-13
chromium	1.48E-11	2.84E-12	0.0055	9.67E-13
lead	8.50E-12	1.63E-12	0.0004	4.03E-14
mercury	1.47E-12	2.70E-13	0.25	4.35E-12
nickel	3.21E-11	6.14E-12	0.006	2.29E-12
dioxins and furans as PCDD and PCDF	3.06E-17	3.79E-18	2.61	9.47E-16
PAHs as benzo(a)pyrene*	5.45E-12	9.52E-14	3.76	2.41E-10

Ingestion of Beef

$$Intake\ Factor = \frac{IR \times FI \times ME \times EF \times ED}{BW \times AT}$$

$$Daily\ Intake = Abeef \times Intake\ Factor$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Intake Factor	Intake factor (kg/kg/day)	See model below		-
IR	Ingestion rate (kg/day)	0.16	0.06	enHealth (2012b). Suggested (average) values for intake of total meat. Value for >19 years adopted for an adult (160 g/day) and 2-3 years adopted for a child (60 g/day).
FI	Fraction ingested from home-grown source (unitess)	0.01		Assumed less than 1% of beef sourced from hobby farms ingested as a conservative estimate
ME	Matrix effect (unitless)	1		Assumed 100% bioavailability
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - low to medium density residential
BW	Body weight (kg)	70	15	ASC NEPM (2013) - low to medium density residential
AT	Averaging time - Non-threshold (days)	25550	25550	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (days)	10585	2190	ASC NEPM (2013) - low to medium density residential

		Adult Intake Factor (kg/kg/day)		Child Intake Factor (kg/kg/day)		Adult Daily Intake (mg/kg/day)		Child Daily Intake (mg/kg/day)	
CoPC	Concentration of CoPC in beef through ingestion of contaminated feed items (plant) and soil A_{beef} (mg CoPC/kg FW tissue)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)
arsenic	3.62E-14	9.47E-06	2.29E-05	3.43E-06	4.00E-05	-	8.27E-19	-	1.45E-18
cadmium	1.59E-13					-	3.64E-18	-	6.38E-18
chromium	9.67E-13					-	2.21E-17	-	3.87E-17
lead	4.03E-14					-	9.22E-19	-	1.61E-18
mercury	4.35E-12					-	9.95E-17	-	1.74E-16
nickel	2.29E-12					-	5.23E-17	-	9.15E-17
dioxins and furans as PCDD and PCDF	9.47E-16					-	2.16E-20	-	3.79E-20
PAHs as benzo(a)pyrene*	2.41E-10					2.28E-15	-	8.27E-16	-

			Adult Non-Threshold Compounds (Carcinogens)	Adult Threshold Compounds (Non-carcinogens)	Child Non-Threshold Compounds (Carcinogens)	Child Threshold Compounds (Non-carcinogens)
CoPC	Oral Cancer Slope Factor (CSF) $(mg/kg/day)^{-1}$	Background Adjusted Oral Reference Dose (RfD) mg/kg/day	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Hazard Quotient (HQ)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Hazard Quotient (HQ)
arsenic	-	1.00E-03	-	8.27E-16	-	1.45E-15
cadmium	-	3.20E-04	-	1.14E-14	-	1.99E-14
chromium	-	9.00E-04	-	2.46E-14	-	4.30E-14
lead	-	3.50E-03	-	2.63E-16	-	4.61E-16
mercury	-	3.60E-04	-	2.76E-13	-	4.84E-13
nickel	-	4.80E-03	-	1.09E-14	-	1.91E-14
dioxins and furans as PCDD and PCDF	-	9.89E-10	-	2.19E-11	-	3.83E-11
PAHs as benzo(a)pyrene*	0.5	-	1.14E-15	-	4.13E-16	-
		Total	**1.14E-15**	**2.22E-11**	**4.13E-16**	**3.89E-11**

Health Risk Calculations - Ingestion of Breastmilk (Scenario 1)

Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd
Scenario: Ingestion of Breastmilk by Off-site Residents (Child)

Concentration in Breastmilk

$$C_{milk\ fat} = \frac{m \times h \times f_1}{0.693 \times f_2}$$

Parameter	Description and Units	Adopted Value	Notes
$C_{milk\ fat}$	Concentration of CoPC in milk fat (mg/kg)	See model below	-
m	Average maternal intake (mg/kg/day)	See model below	The potential maternal intake is a highly variable parameter in the above equation. It can be assumed that the calculations undertaken to calculate adult intake of each CoPC via inhalation and ingestion are relevant for a mother who may be breastfeeding an infant.
h	Half-life of chemical in body, adults (days)	See model below	Value from NHMRC (2002) for dioxins and furans. Value from HSDB online database for PAHs (current to 2010). Value from WHO (2011), NHMRC (2016) or the HSDB online database for most metals. For mercury, the biological half-life is stated to be 'many years', which was assumed to be 10 years.
f_1	Fraction of ingested chemical stored in fat (unitless)	0.9	No data is available that is specific to the fraction of organic chemicals that may be stored as fat and hence available data for dioxins has been adopted. The fraction of ingested organic chemicals which is stored as fat is recommended to be 0.9 (US EPA, 1998).
f_2	Fraction of mothers weight that is fat (unitless)	0.35	The recommended fraction of mother's body weight which is fat is 0.35 (for females in south-eastern urban areas of Australia aged 31 to 45 years (DEH, 2005)).

CoPC	Adult intake from air, soil (ingestion and dermal contact), home-grown, produce, eggs and beef (m) (mg/kg/day)	Half-life of chemical in body, adults (h) (days)	Concentration of CoPC in milk fat ($C_{milk\ fat}$) (mg/kg)
arsenic	4.05E-10	60	9.01E-08
cadmium	6.52E-09	5475	1.33E-04
chromium	4.04E-09	83.4	1.25E-06
lead	2.31E-09	10950	9.39E-05
mercury	3.84E-10	3650	5.20E-06
nickel	8.78E-09	1.8	5.86E-08
dioxins and furans as PCDD and PCDF	8.36E-15	2555	7.93E-11
PAHs as benzo(a)pyrene*	6.17E-10	5.5	1.26E-08

Daily Intake from Air

$$Intake\ Factor = \frac{InhR \times ET \times FI \times EF \times ED}{BW \times AT}$$

Parameter	Description and Units	Adopted Value (Adult)	Notes
Intake Factor	Intake factor (m^3/kg/day)	See model below	-
InhR	Inhalation Rate (m^3/hour)	1.34	Inhalation rate assuming 20 hours indoors at 1.17 m^3/hour and 4 hours outdoors at 2.2 m^3/hour.
ET	Exposure time (hours/day)	24	ASC NEPM (2013) - low to medium density residential.
FI	Fraction inhaled from contamination source (unitless)	1	Assumed intake from contamination source for the whole ET.
EF	Exposure frequency (days/year)	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	29	ASC NEPM (2013) - low to medium density residential
BW	Body weight (kg)	70	ASC NEPM (2013) - low to medium density residential
AT	Averaging time - Non-threshold (days)	25550	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (days)	10585	ASC NEPM (2013) - low to medium density residential

CoPC	Grid Maximum GLC (mg/m^3)	Non-Threshold Slope Factor (mg/kg/day)$^{-1}$ (a)	Background Adjusted Oral Reference Dose (RfD) mg/kg/day (b)	Adult Intake Factor (m^3/kg/day)		Daily Intake from Air (mg/kg/day)
				Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	
arsenic	8.81E-10	-	1.00E-03	0.19	0.46	4.05E-10
cadmium	1.42E-08	-	3.20E-04			6.52E-09
chromium	8.80E-09	-	9.00E-04			4.04E-09
lead	5.03E-09	-	3.50E-03			2.31E-09
mercury	8.36E-10	-	3.60E-04			3.84E-10
nickel	1.91E-08	-	4.80E-03			8.78E-09
dioxins and furans as PCDD and PCDF	1.82E-14	-	9.89E-10			8.36E-15
PAHs as benzo(a)pyrene*	3.24E-09	0.5	-			6.17E-10

(a) WHO (2011) Guidelines for Drinking Water Quality. Fourth Edition. World Health Organization, Switzerland.
(b) DEH (2005) National Dioxins Program, Technical Report No. 12, Human Health Risk Assessment of Dioxins in Australia. Office of Chemical Safety, Australian Government Department of the Environment and Heritage, Canberra.

Ingestion of Breastmilk

$$Intake\ Factor = \frac{IR \times FM \times Ab \times EF \times ED}{BW \times AT}$$

$$Daily\ Intake = Cmilk_{fat} \times Intake\ Factor$$

Parameter	Description and Units	Adopted Value (Child)	Notes
Intake Factor	Intake factor (kg/kg/day)	See model below	-
IR	Ingestion rate (kg/day)	0.85	enHealth (2012b). Suggested intake of breastmilk 850 mL/day for an infant less than 6-months of age. High end range of average intake.
FM	Fraction of Fat/Lipids in Milk (unitess)	0.037	DEH (2005)
Ab	Absorption Following Ingestion (unitless)	0.9	DEH (2005)
EF	Exposure frequency (days/year)	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	0.5	Exposure time as an infant
BW	Body weight (kg)	6	Average weight of a 6-month old infant
AT	Averaging time - Non-threshold (days)	25550	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (days)	365	ASC NEPM (2013) - low to medium density residential

CoPC	Concentration of CoPC in milk fat (Cmilk fat) (mg/kg)	Child Intake Factor (kg/kg/day)		Child Daily Intake (mg/kg/day)	
		Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)
arsenic	9.01E-08	3.37E-05	2.36E-03	-	2.13E-10
cadmium	1.33E-04			-	3.13E-07
chromium	1.25E-06			-	2.95E-09
lead	9.39E-05			-	2.21E-07
mercury	5.20E-06			-	1.23E-08
nickel	5.86E-08			-	1.38E-10
dioxins and furans as PCDD and PCDF	7.93E-11			-	1.87E-13
PAHs as benzo(a)pyrene*	1.26E-08			4.24E-13	-

CoPC	Oral Cancer Slope Factor (CSF) (mg/kg/day)$^{-1}$	Background Adjusted Oral Reference Dose (RfD) mg/kg/day	Child Non-Threshold Compounds (Carcinogens)	Child Threshold Compounds (Non-carcinogens)
			Incremental Lifetime Cancer Risk (ILCR) (unitless)	Hazard Quotient (HQ)
arsenic	-	1.00E-03	-	2.13E-07
cadmium	-	3.20E-04	-	9.77E-04
chromium	-	9.00E-04	-	3.28E-06
lead	-	3.50E-03	-	6.33E-05
mercury	-	3.60E-04	-	3.41E-05
nickel	-	4.80E-03	-	2.88E-08
dioxins and furans as PCDD and PCDF	-	9.89E-10	-	1.89E-04
PAHs as benzo(a)pyrene*	0.5	-	2.12E-13	-
		Total	**2.12E-13**	**1.27E-03**

Health Risk Calculations - Cumulative Risk (Pathways Combined) for Scenario 1

Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd
Scenario: Cumulative Risk to Residents

Exposure Pathway	Threshold Compounds (Non-carcinogens) - Hazard Index (HI)		Non-Threshold Compounds (Carcinogens) - Incremental Lifetime Cancer Risk (ILCR) (unitless)
	Adult	Child	
Inhalation of Air	6.60E-03	6.60E-03	1.42E-07
Incidental Ingestion of Soil	2.57E-13	2.40E-12	6.19E-19
Dermal Contact with Soil	1.25E-14	2.51E-14	1.13E-18
Ingestion of Home-grown Produce	6.74E-11	1.55E-10	8.19E-16
Ingestion of Eggs	1.27E-11	2.55E-11	1.01E-16
Ingestion of Beef	2.22E-11	3.89E-11	1.55E-15
Total	**6.60E-03**	**6.60E-03**	**1.42E-07**

General Information:	
Site:	Regain Tomago Facility
Address:	638 Tomago Road, Tomago
Client:	Regain Services Pty Ltd
Scenario:	Direct Contact with Soil by Off-site Residents (Adult and Child) - Scenario 1

Receptor:
Residential (High Density/Minimal Soil Access)

Exposure Pathways to Include:	
Enter "x" in box by clicking the select buttons.	
Soil Pathways	
x	Incidental Ingestion of Soil
x	Dermal Contact with Soil
	Inhalation of Surface Soil-Derived Dust in Indoor Air
	Inhalation of Surface Soil-Derived Dust in Outdoor Air
	Inhalation of Surface Soil-Derived Vapours in Outdoor Air
	Inhalation of Soil-Derived Vapours From Excavation (USEPA 2002 method)
	Inhalation of Subsurface Soil-Derived Vapours in Indoor Air
	Inhalation of Subsurface Soil-Derived Vapours in Outdoor Air
	Incidental Ingestion of Lead in Soil (Adult Lead Model)
	Inhalation of Lead in Soil/Dust Indoors (Adult Lead Model)
	Inhalation of Lead in Dust Outdoors (Adult Lead Model)

Chemicals for Quantitative Assessment:	Chemical Concentrations
	Soil (mg/kg)
Arsenic, Inorganic	4.38E-12
Cadmium	6.84E-11
Chromium(VI)	4.26E-11
Lead	2.44E-11
Mercury (elemental)	4.05E-12
Nickel	9.21E-11
Dioxins and Furans as PCDD and PCDF	5.69E-17
Benzo(a)pyrene	1.43E-12

Exposure Parameters:		Exposure Parameters (Adjust for site-specific conditions if required)		Reference (Refer to Exposure Parameter Table in the Report for Justification)	
		Adult	Child	Adult	Child
General receptor parameters:	**Units**				
Body weight	kg	70	15	NEPC (2013)	NEPC (2013)
Exposure duration	yr	29	6	NEPC (2013)	NEPC (2013)
Averaging time (carcinogens)	yr	70	70	NEPC (2013)	NEPC (2013)
Averaging time (non-carcinogens)	yr	29	6	NEPC (2013)	NEPC (2013)
Incidental Soil Ingestion					
Daily soil ingestion rate	mg/day	50	100	NEPC (2013)	NEPC (2013)
Exposure frequency for soil ingestion	days/yr	365	365	NEPC (2013)	NEPC (2013)
Dermal Contact With Soil					
Exposed skin surface area for soil contact	cm2	6300	2700	NEPC (2013). Assumes 31.5% of total body surface area (20,000 cm2)	NEPC (2013). Assumes 44.3% of total body surface area (6,100 cm2)
Soil to skin adherence factor	mg/cm2	0.5	0.5	NEPC (2013)	NEPC (2013)
Exposure frequency for dermal contact with soil	days/yr	365	365	NEPC (2013)	NEPC (2013)
Indoor Inhalation					
Exposure time (indoor air)	hrs/day				
Exposure frequency (indoor air)	days/yr				
Particulate emission factor (indoor air)	m3/kg				
Lung Retention Factor (dust inhalation)	unitless				
Outdoor Inhalation					
Exposure time (outdoor air)	hrs/day				
Exposure frequency (outdoor air)	days/yr				
Particulate emission factor (outdoor air)	m3/kg				
Lung Retention Factor (dust inhalation)	unitless				
Potable Water Ingestion					
Potable water intake rate	L/day				
Exposure frequency for potable water intake	days/yr				

Health Risk Calculations - Incidental Soil Ingestion

Regain Tomago Facility
638 Tomago Road, Tomago
Direct Contact with Soil by Off-site Residents (Adult and Child) - Scenario 1 Scenario

Chemical	Soil Concentration	Oral Soil Bioavailability Factor	Threshold Intake and Risk Calculations							Non-Threshold Intake and Risk Calculations					
			Oral RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)	Oral CSF	Adult Intake Factor (non-threshold)	Child Intake Factor (non-threshold)	Lifetime Intake Factor (non-threshold)	Lifetime Intake (non-threshold)	Lifetime Excess Cancer Risk
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)	(mg/kg/day)-1	(kg/kg/day)	(kg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	4.37557E-12	1.00E+00	1.00E-03	7.14E-07	3.13E-18	3.13E-15	6.67E-06	2.92E-17	2.92E-14	-	-	-	-	-	-
Cadmium	6.8431E-11	1.00E+00	3.20E-04	7.14E-07	4.89E-17	1.53E-13	6.67E-06	4.56E-16	1.43E-12	-	-	-	-	-	-
Chromium(VI)	4.2608E-11	1.00E+00	9.00E-04	7.14E-07	3.04E-17	3.38E-14	6.67E-06	2.84E-16	3.16E-13	-	-	-	-	-	-
Lead	2.43884E-11	1.00E+00	3.50E-03	7.14E-07	1.74E-17	4.98E-15	6.67E-06	1.63E-16	4.65E-14	-	-	-	-	-	-
Mercury (elemental)	4.04561E-12	1.00E+00	3.60E-04	7.14E-07	2.89E-18	8.03E-15	6.67E-06	2.70E-17	7.49E-14	-	-	-	-	-	-
Nickel	9.21021E-11	1.00E+00	4.80E-03	7.14E-07	6.58E-17	1.37E-14	6.67E-06	6.14E-16	1.28E-13	-	-	-	-	-	-
Dioxins and Furans as PCDD an	5.68876E-17	1.00E+00	9.89E-10	7.14E-07	4.06E-23	4.11E-14	6.67E-06	3.79E-22	3.83E-13	-	-	-	-	-	-
Benzo(a)pyrene	1.42785E-12	1.00E+00	-	-	-	-	-	-	-	5.00E-01	2.96E-07	5.71E-07	8.67E-07	1.24E-18	6.19E-19
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL						**2.57E-13**			**2.40E-12**						**6.19E-19**

Health Risk Calculations - Dermal Contact with Soil
Regain Tomago Facility
638 Tomago Road, Tomago
Direct Contact with Soil by Off-site Residents (Adult and Child) - Scenario 1 Scenario

Chemical	Soil Concentration	Dermal Absorption Factor (DAF)	Threshold Intake and Risk Calculations							Non-Threshold Intake and Risk Calculations					
			Dermal RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)	Dermal CSF	Adult Intake Factor (non-threshold)	Child Intake Factor (non-threshold)	Lifetime Intake Factor (non-threshold)	Lifetime Intake (non-threshold)	Lifetime Excess Cancer Risk
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)	(mg/kg/day)-1	(kg/kg/day)	(kg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	4.37557E-12	0.005	1.00E-03	2.25E-07	9.85E-19	9.85E-16	4.50E-07	1.97E-18	1.97E-15	-	-	-	-	-	-
Cadmium	6.8431E-11	-	3.20E-04	-	-	-	-	-	-	-	-	-	-	-	-
Chromium(VI)	4.2608E-11	-	2.25E-05	-	-	-	-	-	-	-	-	-	-	-	-
Lead	2.43884E-11	-	3.50E-03	-	-	-	-	-	-	-	-	-	-	-	-
Mercury (elemental)	4.04561E-12	0.001	2.52E-05	4.50E-08	1.82E-19	7.22E-15	9.00E-08	3.64E-19	1.44E-14	-	-	-	-	-	-
Nickel	9.21021E-11	0.005	4.80E-03	2.25E-07	2.07E-17	4.32E-15	4.50E-07	4.14E-17	8.63E-15	-	-	-	-	-	-
Dioxins and Furans as PCDD a	5.68876E-17	-	2.30E-09	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	1.42785E-12	0.06	-	-	-	-	-	-	-	5.00E-01	1.12E-06	4.63E-07	1.58E-06	2.26E-18	1.13E-18
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL						**1.25E-14**			**2.51E-14**						**1.13E-18**

Summary of Estimated Health Risks
Regain Tomago Facility
638 Tomago Road, Tomago
Direct Contact with Soil by Off-site Residents (Adult and Child) - Scenario 1 Scenario

Exposure Pathway	Threshold Risk Estimates		Non-Threshold Risk Estimates (Lifetime Exposure)
	Adult Exposure	Childhood Exposure	
SOIL EXPOSURE PATHWAYS			
Incidental Ingestion of Soil	2.6E-13	2.4E-12	6.2E-19
Dermal Contact with Soil	1.3E-14	2.5E-14	1.1E-18
Inhalation of Surface Soil-Derived Dust in Indoor Air	-	-	-
Inhalation of Surface Soil-Derived Dust in Outdoor Air	-	-	-
Inhalation of Surface Soil-Derived Vapours in Outdoor Air	-	-	-
Inhalation of Surface Soil-Derived Vapours from Excavation	-	-	-
Inhalation of Subsurface Soil-Derived Vapours in Indoor Air	-	-	-
Inhalation of Subsurface Soil-Derived Vapours in Outdoor Air	-	-	-
TOTAL	**2.7E-13**	**2.4E-12**	**1.7E-18**

Adopted Toxicity Data - Inhalation Pathway

Adopted Toxicity Data

Individual Compounds	Inhalation Unit Risk (IUR) (a) ($\mu g/m^3)^{-1}$	Source	Reference Concentration (RfC) ($\mu g/m^3$)	Source	Background Exposure Allocation (%)	Source
antimony	-	-	21	RIVM (2008). Converted from TDI of 0.006 mg/kg/day.	0%	Negligible.
arsenic	-	-	1	RIVM (2000).	0%	ASC NEPM (2013).
cadmium	-	-	0.005	WHO (2000a).	20%	ASC NEPM (2013).
chromium III	-	-	0.1	ATSDR (2008)	0%	ASC NEPM (2013). Consistent with CrVI.
chromium VI	-	-	0.1	US EPA IRIS (2015).	0%	ASC NEPM (2013).
lead	-	-	0.5	WHO (2000a).	0%	Negligible.
manganese	-	-	0.15	WHO (2000b).	20%	ASC NEPM (2013).
mercury	-	-	0.2	WHO (2003).	10%	ASC NEPM (2013).
nickel	-	-	0.02	EA (2009).	20%	ASC NEPM (2013).
cyanide	-		0.8	USEPA (2010).	0%	ASC NEPM (2013).
dioxins and furans as PCDD and PCDF	-	-	0.00000805	DEH (2005). Converted NHMRC TMI (70 pg/kg body weight/month) to TDI (2.3×10^{-9} mg/kg/day) to RfC.	57%	DEH (2004)
PAHs as benzo(a)pyrene*	8.70E-02	WHO (2000b). TEF (1)	-	-	-	-
toluene	-	-	5000	US EPA IRIS (2015).	0%	Friebel & Nadebaum (2011).
acetone (propanone)	-	-	30900	ATSDR (1994). Converted from chronic MRL of 13 ppm.	10%	Friebel & Nadebaum (2011) (b)
benzene	6.00E-06	WHO (2010).	30	US EPA IRIS (2015).	20%	Friebel & Nadebaum (2011).
Naphthalene*	-	-	3.7	ATSDR (2005)	0%	Negligible. ATSDR (2005).

Notes
CSF - Cancer slope factor.
RfD - Reference dose.
TDI - Tolerable daily intake.
TMI - Tolerable monthly intake.
(a) Those compounds with inhalation unit risk (IUR) values were considered to be carcinogens as part of this assessment. It should be noted that some compounds were assessed as both a carcinogen and non-carcinogen e.g. benzene.
(b) In absence of compound-specific background exposure data, the background exposure for semi or volatile CoPC has been set at 10% in accordance with the total petroleum hydrocarbon (TPH) background exposure allocation adopted by CRC CARE (2011) during derivation of the Health Screening Levels (HSLs).

References
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Friebel & Nadebaum (2011) Health screening levels for petroleum hydrocarbons in soil and groundwater. Part 1: Technical development document. CRC Care Technical Report no. 10, CRC for Contamination Assessment and Remediation of the Environment, Adelaide, Australia. September 2011.
IRIS (2015) - Integrated Risk Information System (US EPA)
RIVM - National Institute for Public Health and the Environment
USEPA (2010) - Toxicological Review of Hydrogen Cyanide and Cyanide Salts, in support of Summary Information on the Integrated Risk Information System (IRIS), EPA/635/R-08/061F.
WHO (2000a) Air Quality Guidelines for Europe. Second Edition. WHO Regional Publications. European Series No. 91. World Health Organisation. Regional Office for Europe Copenhagen. 2000.
WHO (2000b) Guidelines for Air Quality. World Health Organization, Geneva.
WHO (2003) Concise International Chemical Assessment Document 50 (CICAD 50), Elemental Mercury and Inorganic Mercury Compounds: Human Health Aspects. World Health Organisation, Geneva.
WHO (2010) Guidelines for Indoor Air Quality. World Health Organization, Geneva.

Risk Estimate for Resident - Inhalation Pathway (Scenario 1) Grid Max

Health Risk Calculations - Inhalation of Vapour
Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd
Scenario: Inhalation of Vapour by Off-site Residents (Adult and Child)

$$Exposure\ Adjusted\ Air\ Concentration\left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) \times ET\ \left(\frac{h}{d}\right) \times EF\ \left(\frac{d}{y}\right) \times ED(y)}{AT(h)}$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Cair	Chemical concentration in air (µg/m^3)	See model below		Grid maximum ground level concentration (GLC)
ET	Exposure time (hours/day)	24	24	ASC NEPM (2013) - low to medium density residential
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - low to medium density residential
AT	Averaging time - Non-threshold (hours)	613200	613200	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (hours)	254040	52560	ASC NEPM (2013) - low to medium density residential

CoPC	Grid Maximum GLC (µg/m^3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Adult				Child			
						Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)		Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)	Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
antimony	1.72E-05	21	0%	21	-	-	-	1.72E-05	8.19E-07	-	-	1.72E-05	8.19E-07
arsenic	1.22E-05	1	0%	1	-	-	-	1.22E-05	1.22E-05	-	-	1.22E-05	1.22E-05
cadmium	1.89E-04	0.005	20%	0.004	-	-	-	1.89E-04	4.73E-02	-	-	1.89E-04	4.73E-02
chromium III	1.18E-04	0.1	0%	0.1	-	-	-	1.18E-04	1.18E-03	-	-	1.18E-04	1.18E-03
lead	6.74E-05	0.5	0%	0.5	-	-	-	6.74E-05	1.35E-04	-	-	6.74E-05	1.35E-04
manganese	7.05E-04	0.15	20%	0.12	-	-	-	7.05E-04	5.88E-03	-	-	7.05E-04	5.88E-03
mercury	1.12E-05	0.2	10%	0.18	-	-	-	1.12E-05	6.22E-05	-	-	1.12E-05	6.22E-05
nickel	2.54E-04	0.02	20%	0.016	-	-	-	2.54E-04	1.59E-02	-	-	2.54E-04	1.59E-02
cyanide	1.24E-02	0.8	0%	0.8	-	-	-	1.24E-02	1.55E-02	-	-	1.24E-02	1.55E-02
dioxins and furans as PCDD and PCDF	2.43E-10	0.00000805	57%	0.00000346	-	-	-	2.43E-10	7.02E-05	-	-	2.43E-10	7.02E-05
PAHs as benzo(a)pyrene*	4.33E-05	-	-	-	8.70E-02	1.79E-05	1.56E-06	-	-	3.71E-06	3.23E-07	-	-
toluene	4.14E-02	5000	0%	5000	-	-	-	4.14E-02	8.28E-06	-	-	4.14E-02	8.28E-06
acetone (propanone)	3.47E-02	30900	10%	27810	-	-	-	3.47E-02	1.25E-06	-	-	3.47E-02	1.25E-06
benzene	3.21E-03	30	20%	24	6.00E-06	1.33E-03	7.98E-09	3.21E-03	1.34E-04	2.75E-04	1.65E-09	3.21E-03	1.34E-04
Naphthalene*	6.42E-03	3.7	0%	3.7	-	-	-	6.42E-03	1.73E-03	-	-	6.42E-03	1.73E-03
						Total ILCR (Adult)	**1.57E-06**	**Hazard Index (ΣHQ) (Adult)**	**8.78E-02**	**Total ILCR (Child)**	**3.24E-07**	**Hazard Index (ΣHQ) (Child)**	**8.78E-02**

* Based on the Total PAH stack testing results collated from 2014 to 2016, the carcinogenic PAHs (Benzo(a)anthracene, Benzo(b+j)fluoranthene, Benzo(k)fluoranthene, Benzo(g,h,i)perylene, Chrysene, Dibenz(a,h)anthracene, and Indeno(1,2,3-c,d)pyrene) have been assessed as BaP, and the average percent contribution of the carcinogenic PAHs to the Total PAH is 0.67%. The remaining contribution of PAHs (99.3%) has been assessed as naphthalene. The speciated breakdowns of the Total PAH stack testing results are presented in Appendix G.

Risk Estimate for Commercial Worker - Inhalation Pathway (Scenario 1) Grid Max

Health Risk Calculations - Inhalation of Vapour
Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd
Scenario: Inhalation of Vapour by Off-site Commercial Workers (Adult)

$$Exposure\ Adjusted\ Air\ Concentration\left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) \times ET\ \left(\frac{h}{d}\right) \times EF\ \left(\frac{d}{y}\right) \times ED(y)}{averaging\ time\ (h)}$$

Parameter	Description and Units	Adopted Value	Notes
Cair	Chemical concentration in air (µg/m^3)	See model below	Grid maximum ground level concentration (GLC)
ET	Exposure time (hours/day)	9	ASC NEPM (2013) - commercial/industrial.
EF	Exposure frequency (days/year)	240	ASC NEPM (2013) - commercial/industrial.
ED	Exposure duration (years)	30	ASC NEPM (2013) - commercial/industrial.
AT	Averaging time - Non-threshold (hours)	613200	ASC NEPM (2013) - commercial/industrial.
	Averaging time -Threshold (hours)	262800	ASC NEPM (2013) - commercial/industrial.

CoPC	Maximum Annual Average GLC (µg/m^3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Non-Threshold Compounds (Carcinogens)		Threshold Compounds (non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
antimony	1.72E-05	21	0%	21	-	-	-	4.24E-06	2.02E-07
arsenic	1.22E-05	1	0%	1	-	-	-	3.01E-06	3.01E-06
cadmium	1.89E-04	0.005	20%	0.004	-	-	-	4.66E-05	1.17E-02
chromium III	1.18E-04	0.1	0%	0.1	-	-	-	2.91E-05	2.91E-04
lead	6.74E-05	0.5	0%	0.5	-	-	-	1.66E-05	3.32E-05
manganese	7.05E-04	0.15	20%	0.12	-	-	-	1.74E-04	1.45E-03
mercury	1.12E-05	0.2	10%	0.18	-	-	-	2.76E-06	1.53E-05
nickel	2.54E-04	0.02	20%	0.016	-	-	-	6.26E-05	3.91E-03
cyanide	1.24E-02	0.8	0%	0.8	-	-	-	3.06E-03	3.82E-03
dioxins and furans as PCDD and PCDF	2.43E-10	0.00000805	57%	3.4615E-06	-	-	-	5.99E-11	1.73E-05
PAHs as benzo(a)pyrene*	4.33E-05	-	-	-	8.70E-02	4.57E-06	3.98E-07	-	-
toluene	4.14E-02	5000	0%	5000	-	-	-	1.02E-02	2.04E-06
acetone (propanone)	3.47E-02	30900	10%	27810	-	-	-	8.56E-03	3.08E-07
benzene	3.21E-03	30	20%	24	6.00E-06	3.39E-04	2.04E-09	7.92E-04	3.30E-05
Naphthalene*	6.42E-03	3.7	0%	3.7	-	-	-	1.58E-03	4.28E-04
						Total ILCR (Adult)	**4.00E-07**	**Hazard Index (∑HQ) (Adult)**	**2.17E-02**

* Based on the Total PAH stack testing results collated from 2014 to 2016, the carcinogenic PAHs (Benzo(a)anthracene, Benzo(b+j)fluoranthene, Benzo(k)fluoranthene, Benzo(g,h,i)perylene, Chrysene, Dibenz(a,h)anthracene, and Indeno(1,2,3-c,d)pyrene) have been assessed as BaP, and the average percent contribution of the carcinogenic PAHs to the Total PAH is 0.67%. The remaining contribution of PAHs (99.3%) has been assessed as naphthalene. The speciated breakdowns of the Total PAH stack testing results are presented in Appendix G.

Risk Estimate for Recreational User - Inhalation Pathway (Scenario 1) Grid Max

Health Risk Calculations - Inhalation of Vapour

Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd
Scenario: Inhalation of Vapour by Off-site Recreational Users (Adult and Child)

$$Exposure\ Adjusted\ Air\ Concentration\left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) \times ET\ \left(\frac{h}{d}\right) \times EF\ \left(\frac{d}{y}\right) \times ED(y)}{AT(h)}$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Cair	Chemical concentration in air (µg/m³)	See model below		Grid maximum ground level concentration (GLC)
ET	Exposure time (hours/day)	2	2	ASC NEPM (2013) - recreational user
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - recreational user
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - recreational user
AT	Averaging time - Non-threshold (hours)	613200	613200	ASC NEPM (2013) - recreational user
	Averaging time -Threshold (hours)	254040	52560	ASC NEPM (2013) - recreational user

CoPC	Grid Maximum GLC (µg/m³)	Reference Concentration (RfC) (µg/m³)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m³)	Inhalation Unit Risk (µg/m³)⁻¹	Adult				Child			
						Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)		Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m³)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m³)	Hazard Quotient (HQ)	Exposure Adjusted Air Concentration (µg/m³)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m³)	Hazard Quotient (HQ)
antimony	1.72E-05	21	0%	21	-	-	-	1.43E-06	6.83E-08	-	-	1.43E-06	6.83E-08
arsenic	1.22E-05	1	0%	1	-	-	-	1.02E-06	1.02E-06	-	-	1.02E-06	1.02E-06
cadmium	1.89E-04	0.005	20%	0.004	-	-	-	1.58E-05	3.94E-03	-	-	1.58E-05	3.94E-03
chromium III	1.18E-04	0.1	0%	0.1	-	-	-	9.83E-06	9.83E-05	-	-	9.83E-06	9.83E-05
lead	6.74E-05	0.5	0%	0.5	-	-	-	5.62E-06	1.12E-05	-	-	5.62E-06	1.12E-05
manganese	7.05E-04	0.15	20%	0.12	-	-	-	5.88E-05	4.90E-04	-	-	5.88E-05	4.90E-04
mercury	1.12E-05	0.2	10%	0.18	-	-	-	9.33E-07	5.19E-06	-	-	9.33E-07	5.19E-06
nickel	2.54E-04	0.02	20%	0.016	-	-	-	2.12E-05	1.32E-03	-	-	2.12E-05	1.32E-03
cyanide	1.24E-02	0.8	0%	0.8	-	-	-	1.03E-03	1.29E-03	-	-	1.03E-03	1.29E-03
dioxins and furans as PCDD and PCDF	2.43E-10	0.00000805	57%	0.00000346	-	-	-	2.03E-11	5.85E-06	-	-	2.03E-11	5.85E-06
PAHs as benzo(a)pyrene*	4.33E-05	-	-	-	8.70E-02	1.49E-06	1.30E-07	-	-	3.09E-07	2.69E-08	-	-
toluene	4.14E-02	5000	0%	5000	-	-	-	3.45E-03	6.90E-07	-	-	3.45E-03	6.90E-07
acetone (propanone)	3.47E-02	30900	10%	27810	-	-	-	2.89E-03	1.04E-07	-	-	2.89E-03	1.04E-07
benzene	3.21E-03	30	20%	24	6.00E-06	1.11E-04	6.65E-10	2.68E-04	1.11E-05	2.29E-05	1.38E-10	2.68E-04	1.11E-05
Naphthalene*	6.42E-03	3.7	0%	3.7	-	-	-	5.35E-04	1.45E-04	-	-	5.35E-04	1.45E-04
						Total ILCR (Adult)	**1.31E-07**	**Hazard Index (ΣHQ) (Adult)**	**7.32E-03**	**Total ILCR (Child)**	**2.70E-08**	**Hazard Index (ΣHQ) (Child)**	**7.32E-03**

* Based on the Total PAH stack testing results collated from 2014 to 2016, the carcinogenic PAHs (Benzo(a)anthracene, Benzo(b+j)fluoranthene, Benzo(k)fluoranthene, Benzo(g,h,i)perylene, Chrysene, Dibenz(a,h)anthracene, and Indeno(1,2,3-c,d)pyrene) have been assessed as BaP, and the average percent contribution of the carcinogenic PAHs to the Total PAH is 0.67%. The remaining contribution of PAHs (99.3%) has been assessed as naphthalene. The speciated breakdowns of the Total PAH stack testing results are presented in Appendix G.

Potential Concentration in Soils Following Dust Deposition - Scenario 1 Grid Max

Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd

Concentration in Soils

$$C_s = \frac{DR \times (1 - e^{-k \times t})}{d \times \rho \times k} \times 1000$$

Parameter	Description and Units	Adopted Value		Notes
C_s	Concentration of CoPC in soil (mg/kg)	See below		Calculated using above equation (Stevens, 1991).
DR	Particle deposition rate for accidental release (mg/m^2/year)	See below		Maximum modelled deposition rate for receptors combined.
k	Chemical-specific soil-loss constant (1/year) = ln(2)/T$^{0.5}$	See below		Calculated using equation ln(2)/T$^{0.5}$.
T$^{0.5}$	Chemical half-life in soil (years)	See below		Howard et al. (1991) for PAHs (benzo(a)pyrene) and hexachlorobenzene. NHMRC (2002) for dioxins and furans (surface soil). Conservative value adopted for heavy metals in the absense of published data.
t	Accumulation time (years)	25		Emissions may occur for the assumed lifetime of the Facility.
d	Soil mixing depth (m)	0.01	0.15	It is assumed that the soil where deposition occurs is not well mixed (as would be the case in a garden or cultivated bed), and hence the mixing depth for depositied soils and dusts has been taken to be 1cm. For the assessment of potential plant uptake, a soil mixing zone of 15cm has been assumed within the root zone of plants.
ρ	Soil bulk-density (g/m^3)	1.60E+06		Sandy soils (representative of surface soils) typically have bulk densities between 1.3 g/cm^3 to 1.7 g/cm^3 (McKenzie et al., 2004). In general, bulk densities greater than 1.6 g/cm^3 tend to restrict root growth.
1000	Conversion from g to kg	-		

CoPC	Deposition Rate (total) (mg/m^2/year)	k (1/year)	T$^{0.5}$ (years)	C_s (mg/kg) - Surface Soil	C_s (mg/kg) - Soil-Plant Root Zone
antimony		Not bioaccumulative (WHO, 2003)			
arsenic	1.59E-11	0.01	100	2.28E-11	1.52E-12
cadmium	2.46E-10	0.01	100	3.53E-10	2.35E-11
chromium (total)	1.54E-10	0.01	100	2.21E-10	1.47E-11
lead	8.79E-11	0.01	100	1.26E-10	8.41E-12
manganese		Not bioaccumulative (ATSDR, 2012)			
mercury	1.46E-11	0.01	100	2.09E-11	1.40E-12
nickel	3.31E-10	0.01	100	4.75E-10	3.17E-11
dioxins and furans as PCDD and PCDF	3.17E-16	0.05	15	2.94E-16	1.96E-17
PAHs as benzo(a)pyrene*	5.63E-11	0.48	1.45	7.37E-12	4.91E-13

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For metals that were considered to be bioaccumulative and/or persistent, a conservative half-life value of 100 years was adopted in the absence of published data to account for the slow (or no) breakdown in the environment.

* Based on the Total PAH stack testing results collated from 2014 to 2016, the carcinogenic PAHs (Benzo(a)anthracene, Benzo(b+j)fluoranthene, Benzo(k)fluoranthene, Benzo(g,h,i)perylene, Chrysene, Dibenz(a,h)anthracene, and Indeno(1,2,3-c,d)pyrene) have been assessed as BaP, and the average percent contribution of the carcinogenic PAHs to the Total PAH is 0.67%. The speciated breakdowns of the Total PAH stack testing results are presented in

* Based on the Total PAH stack testing results collated from 2014 to 2016, the carcinogenic PAHs (Benzo(a)anthracene, Benzo(b+j)fluoranthene, Benzo(k)fluoranthene, Benzo(g,h,i)perylene, Chrysene, Dibenz(a,h)anthracene, and Indeno(1,2,3-c,d)pyrene) have been assessed as BaP, and the average percent contribution of the carcinogenic PAHs to the Total PAH is 0.67%. The remaining contribution of PAHs (99.3%) has been assessed as naphthalene. The speciated breakdowns of the Total PAH stack testing results are presented in Appendix G.

Health Risk Calculations - Ingestion of Home-grown Produce - Scenario 1 Grid Max

Site	Regain Tomago Facility
Address	638 Tomago Road, Tomago
Client	Regain Services Pty Ltd
Scenario:	Ingestion of Homegrown Produce by Off-site Residents (Adult and Child)

Concentration in Home-grown Produce

Deposited Material on Aboveground Plants

$$C_p = \frac{DR \times F \times (1 - e^{-k \times t})}{Y \times k}$$

Refer to C_o and C_{ro} (mg/kg plant - wet weight). Although C_o and C_{ro} are presented as a wet weight, this is unlikely to affected the outcome of the assessment as dust deposition rates included both wet and dry deposition.

Parameter	Description and Units	Adopted Value	Notes
C_p	Concentration of CoPC in plant (mg/kg plant - wet weight)	See below	Calculated using above equation from HHRAP (Stevens, 1991).
DR	Particle deposition rate for accidental release (mg/m^2/day)	See below	Maximum modelled deposition rate for receptors combined.
F	Fraction for the surface area of plant (unitless)	0.051	For leafy aboveground crops, the surface area fraction (or plant interception fraction - how much of the depositing material remains on the plant) is estimated to be 0.051 (Stevens, 1991).
k	Chemical-specific loss constant for particles on plants (1/days) = ln(2)/T$^{0.5}$	See below	Calculated using equation ln(2)/T$^{0.5}$.
T$^{0.5}$	Chemical half-life on plant (days)	14	Weathering of particulates on plant surfaces does occur and in the absence of measured data, it is generally assumed that organics deposited onto the outer portion of plant surfaces have a weathering half-life of 14 days (Stevens, 1991). Conservative value adopted for heavy metals in the absense of published data.
t	Deposition time or length of growing season (days)	70	The growing season for typical aboveground plants varies, however it may be up to 70 days (i.e. tomatoes), which has been used in the calculation on concentrations during normal operations.
Y	Crop yield (kg/m^2)	2	Given that the residential areas surrounding the Site are typically urban low-density residential properties, the types of edible plant expected to be grown on the properties include tomatoes and beans. Corn, hay and wheat are not expected to be grown for human consumption in significant quantities in the area. For typical crops grown aboveground an average crop yield of 2 kg/m^2 has been adopted.

CoPC	DR (mg/m^2/day)	k (1/days)	C_p (mg/kg plant - wet weight)
arsenic	1.59E-11	4.95E-02	7.93E-12
cadmium	2.46E-10	4.95E-02	1.23E-10
chromium (total)	1.54E-10	4.95E-02	7.68E-11
lead	8.79E-11	4.95E-02	4.39E-11
mercury	1.46E-11	4.95E-02	7.28E-12
nickel	3.31E-10	4.95E-02	1.65E-10
dioxins and furans as PCDD and PCDF	3.17E-16	4.95E-02	1.58E-16
PAHs as benzo(a)pyrene*	5.63E-11	4.95E-02	2.81E-11

Uptake of Chemicals via Roots

$$C_{rp} = C_s \times RUF$$

Parameter	Description and Units	Adopted Value	Notes
C_{rp}	Concentration of persistent CoPC in root of plant (mg/kg plant - wet weight)	See below	Calculated using above equation (US EPA, 2005).
C_s	Concentration of persistent CoPC in soil assuming 15 cm mixing depth within gardens (mg/kg)	See below	Refer to Dust Deposition Model.
RUF	Root uptake factor (unitless)	See below	RAIS (Accessed 2018). Soil to wet plant uptake factor adopted. Value for 2,3,7,8-TCDD conservatively selected for dioxins and furans.

CoPC	Cs (mg/kg) - Soil-Plant Root Zone	RUF (unitless)	C_{rp} (mg/kg plant - wet weight)
arsenic	1.52E-12	1.00E-02	1.52E-14
cadmium	2.35E-11	1.38E-01	3.25E-12
chromium (total)	1.47E-11	1.87E-03	2.75E-14
lead	8.41E-12	1.12E-02	9.42E-14
mercury	1.40E-12	2.25E-01	3.14E-13
nickel	3.17E-11	1.50E-02	4.75E-13
dioxins and furans as PCDD and PCDF	1.96E-17	8.76E-04	1.72E-20
PAHs as benzo(a)pyrene*	4.91E-13	2.14E-03	1.05E-15

Soil bulk density (g/cm^3)	1.63	Assumed for typical soil in root zone
Soil-water content by volume (cm^3/cm^3)	0.13	Assumed for typical soil in root zone
Fraction organic carbon (foc)	2%	ASC NEPM (2013)
Fraction tnat is home-grown	10%	ASC NEPM (2013) - HIL A

CoPC		Chemical Properties of Organics (as per RAIS 2015)					Intermediate Calculations for Organics					
		Koc (cm^3/g)	Log Kow	Kow	Dw (m^2/s)	Dw (cm^2/s)	K_{ch} (cm^3/g)	K_{pw} (cm^3/g)	k_2 (per hour)	k_1 (per hour)	K_{wood} (mg/g dw wood per mg/cm^3 water)	C_{stem} (mg/g)
dioxins and furans as PCDD and PCDF		6.5	6.80E+00	6.31E+06	6.76E-10	6.76E-06	3	2.11E+02	9.54E-05	1.55E-01	4.03E+00	389166.1422
PAHs as benzo(a)pyrene*		587000	6.13E+00	1.35E+06	9.00E-10	0.000009	3	6.55E+01	4.11E-04	2.29E-06	3.60E+00	0.018998604

Ingestion of Home-grown Produce

Percentage of Fruit and Vegatable per produce group (Table 7, Schedule B7, ASC NEPM (2013)).

Produce Group	Adults (%)	Adult Consumption Rate (g/day)	Portion of Aboveground Plants (Green Vegetables and Tree Fruit)	Portion of Root Plants (Root Vegetables and Tuber Vegetables)	Children (%)	Child Consumption Rate (g/day)	Portion of Aboveground Plants (Green Vegetables and Tree Fruit)	Portion of Root Plants (Root Vegetables and Tuber Vegetables)
Green Vegetables	59	153.4	0.73	0.27	55	55	0.84	0.16
Root Vegetables	18	46.8			17	17		
Tuber Vegetables	23	59.8			28	28		
Tree Fruit	100	140			100	180		
Total Consumption		**400**				**280**		

$$Intake\ Factor = \frac{IR \times FI \times ME \times EF \times ED}{BW \times AT}$$

$$Daily\ Intake = Concentration\ in\ Produce \times Intake\ Factor$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Intake Factor	Intake factor (kg/kg/day)	See model below		-
IR	Ingestion rate (kg/day)	0.469	0.202	
FI	Fraction ingested from a home-grown source (FI)	0.1		10% from home-grown source, as per ASC NEPM (2013) - low to medium density residential
ME	Matrix Effect (unitless)	1		Assumed to be 100% bioavailable
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - low to medium density residential
BW	Body weight (kg)	70	15	ASC NEPM (2013) - low to medium density residential
AT	Averaging time - Non-threshold (days)	25550	25550	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (days)	10585	2190	ASC NEPM (2013) - low to medium density residential

			Adult Intake Factor (kg/kg/day)		Child Intake Factor (kg/kg/day)		Adult Daily Intake from Produce (mg/kg/day)		Child Daily Intake from Produce (mg/kg/day)	
CoPC	Adult Concentration in Produce (wet weight, mg/kg) (a)	Child Concentration in Produce (wet weight, mg/kg) (a)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)
arsenic	5.82E-12	6.66E-12	2.78E-04	6.70E-04	1.15E-04	1.35E-03	-	3.90E-15	-	8.97E-15
cadmium	9.09E-11	1.04E-10					-	6.09E-14	-	1.39E-13
chromium (total)	5.64E-11	6.45E-11					-	3.78E-14	-	8.69E-14
lead	3.22E-11	3.68E-11					-	2.16E-14	-	4.96E-14
mercury	5.43E-12	6.16E-12					-	3.64E-15	-	8.30E-15
nickel	1.21E-10	1.39E-10					-	8.12E-14	-	1.87E-13
dioxins and furans as PCDD and PCDF	1.16E-16	1.33E-16					-	7.77E-20	-	1.79E-19
PAHs as benzo(a)pyrene*	2.06E-11	2.36E-11					5.72E-15	-	2.72E-15	-

(a) Calculated based on portions of aboveground and root plants as presented above.

			Adult Non-Threshold Compounds (Carcinogens)	Adult Threshold Compounds (Non-carcinogens)	Child Non-Threshold Compounds (Carcinogens)	Child Threshold Compounds (Non-carcinogens)
CoPC	Oral Cancer Slope Factor (CSF) $(mg/kg/day)^{-1}$	Background Adjusted Oral Reference Dose (RfD) mg/kg/day	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Hazard Quotient (HQ)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Hazard Quotient (HQ)
arsenic	-	1.00E-03	-	3.90E-12	-	8.97E-12
cadmium	-	3.20E-04	-	1.90E-10	-	4.36E-10
chromium (total)	-	9.00E-04	-	4.20E-11	-	9.65E-11
lead	-	3.50E-03	-	6.16E-12	-	1.42E-11
mercury	-	3.60E-04	-	1.01E-11	-	2.31E-11
nickel	-	4.80E-03	-	1.69E-11	-	3.89E-11
dioxins and furans as PCDD and PCDF	-	9.89E-10	-	7.86E-11	-	1.81E-10
PAHs as benzo(a)pyrene*	0.5	-	2.86E-15	-	1.36E-15	-
		Total	**2.86E-15**	**3.48E-10**	**1.36E-15**	**7.98E-10**

Health Risk Calculations - Ingestion of Poultry and Eggs - Scenario 1 Grid Max

Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd
Scenario: Ingestion of Poultry and Eggs by Off-site Residents (Adult and Child)

Concentration in Eggs

$$A_{egg} = [\Sigma(F_i \times Qpi \times Pi) + Qs \times Cs \times Bs] \times (Ba_{egg})$$

Parameter	Description and Units	Adopted Value	Notes
A_{egg}	Concentration of COPC in eggs (mg COPC/kg FW tissue)	See model below	Calculated using above equation.
F_i	Fraction of plant type (i) (grain) grown on contaminated soil and ingested by the animal (chicken) (unitless)	1	Recommended by HHRAP (US EPA, 2005). Assumed 100% of the plant material eaten by chickens were grown on soil contaminated by emission sources.
Qp_i	Quantity of plant type (i) (grain) eaten by the animal (chicken) each day (kg DW plant/day)	0.2	Recommended by HHRAP (US EPA, 2005). Estimated for grain feed only.
P_i	Concentration of CoPC in plant type (i) (grain) eaten by the animal (chicken) (mg/kg DW)	See home-grown produce model	Refer to C_p and C_{rp} (mg/kg plant - wet weight). Although C_p and C_{rp} are presented as a wet weight, this is unlikely to affected the outcome of the assessment as dust deposition rates included both wet and dry deposition.
Qs	Quantity of soil eaten by the animal (chicken) (kg/day)	0.022	Recommended by HHRAP (US EPA, 2005).
Cs	Average soil concentration over exposure duration (mg CoPC/kg soil)	See dust-deposition model	Refer to C_s Soil-Plant Root Zone (mg/kg)
Bs	Soil bioavailability factor (unitless)	1	Default value recommended by HHRAP (US EPA, 2005).
Ba_{egg}	CoPC biotransfer factor for eggs (day/kg FW tissue)	See model below	The highest biotransfer factor for eggs recommended by the HHRAP Database (US EPA, 2005) or published by OEHHA (2015) was conservatively selected in the HHRA. OEHHA values were adopted for arsenic, lead, mercury, nickel and dioxins and furans (value for 2,3,7,8-TCDD adopted for dioxins and furans). HHRAP Database values were adopted for chromium and PAHs. For chromium, an egg biotransfer coefficient was not available and therefore fat transfer coefficients were estimated from the beef transfer coefficient. The egg biotransfer coefficient was then estimated by using the fat transfer coefficient and assumed that eggs contain a fat content of 8% consistent with US EPA (2005) and the following equations: $Ba_{beef} = 10^{logBafat} \times 0.19$ $Ba_{egg} = 10^{logBafat} \times 0.08$

CoPC	Concentration of CoPC in Plant (mg/kg DW) (P_i)	Cs (mg/kg) - Soil-Plant Root Zone	A_{egg}	
			CoPC biotransfer factor for eggs (Ba_{egg}) (day/kg FW tissue)	Concentration of COPC in eggs (A_{egg}) (mg COPC/kg FW tissue)
arsenic	7.95E-12	1.52E-12	7.00E-02	1.14E-13
cadmium	1.26E-10	2.35E-11	1.00E-02	2.57E-13
chromium (total)	7.69E-11	1.47E-11	2.32E-03	3.64E-14
lead	4.40E-11	8.41E-12	4.00E-02	3.59E-13
mercury	7.60E-12	1.40E-12	8.00E-01	1.24E-12
nickel	1.66E-10	3.17E-11	2.00E-02	6.76E-13
dioxins and furans as PCDD and PCDF	1.58E-16	1.96E-17	1.00E+01	3.21E-16
PAHs as benzo(a)pyrene*	2.81E-11	4.91E-13	1.58E+00	8.91E-12

Ingestion of Eggs

$$Intake\ Factor = \frac{IR \times FI \times ME \times EF \times ED}{BW \times AT}$$

$$Daily\ Intake = Aegg \times Intake\ Factor$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Intake Factor	Intake factor (kg/kg/day)	See model below		-
IR	Ingestion rate (kg/day)	0.014	0.006	enHealth (2012b). Suggested (average) values for intake of total egg. Value for >19 years adopted for an adult (14 g/day) and 2-3 years adopted for a child (6 g/day).
FI	Fraction ingested from home-grown source (unitless)	1		100% home-sourced eggs as a conservative estimate
ME	Matrix effect (unitless)	1		Assumed 100% bioavailability
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - low to medium density residential
BW	Body weight (kg)	70	15	ASC NEPM (2013) - low to medium density residential
AT	Averaging time - Non-threshold (days)	25550	25550	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (days)	10585	2190	ASC NEPM (2013) - low to medium density residential

		Adult Intake Factor (kg/kg/day)		Child Intake Factor (kg/kg/day)		Adult Daily Intake (mg/kg/day)		Child Daily Intake (mg/kg/day)	
CoPC	Concentration of COPC in eggs (A_{egg}) (mg COPC/kg FW tissue)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)
arsenic	1.14E-13	8.29E-05	2.00E-04	3.43E-05	4.00E-04	-	2.27E-17	-	4.54E-17
cadmium	2.57E-13					-	5.14E-17	-	1.03E-16
chromium (total)	3.64E-14					-	7.27E-18	-	1.45E-17
lead	3.59E-13					-	7.18E-17	-	1.44E-16
mercury	1.24E-12					-	2.48E-16	-	4.96E-16
nickel	6.76E-13					-	1.35E-16	-	2.71E-16
dioxins and furans as PCDD and PCDF	3.21E-16					-	6.41E-20	-	1.28E-19
PAHs as benzo(a)pyrene*	8.91E-12					7.38E-16	-	3.05E-16	-

CoPC	Oral Cancer Slope Factor (CSF) $(mg/kg/day)^{-1}$	Background Adjusted Oral Reference Dose (RfD) mg/kg/day	Adult Non-Threshold Compounds (Carcinogens) Incremental Lifetime Cancer Risk (ILCR) (unitless)	Adult Threshold Compounds (Non-carcinogens) Hazard Quotient (HQ)	Child Non-Threshold Compounds (Carcinogens) Incremental Lifetime Cancer Risk (ILCR) (unitless)	Child Threshold Compounds (Non-carcinogens) Hazard Quotient (HQ)
arsenic	-	1.00E-03	-	2.27E-14	-	4.54E-14
cadmium	-	3.20E-04	-	1.61E-13	-	3.21E-13
chromium (total)	-	9.00E-04	-	8.08E-15	-	1.62E-14
lead	-	3.50E-03	-	2.05E-14	-	4.10E-14
mercury	-	3.60E-04	-	6.89E-13	-	1.38E-12
nickel	-	4.80E-03	-	2.82E-14	-	5.64E-14
dioxins and furans as PCDD and PCDF	-	9.89E-10	-	6.48E-11	-	1.30E-10
PAHs as benzo(a)pyrene*	0.5	-	3.69E-16	-	1.53E-16	-
		Total	**3.69E-16**	**6.58E-11**	**1.53E-16**	**1.32E-10**

Health Risk Calculations - Ingestion of Homegrown Beef - Scenario 1 Grid Max

Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd
Scenario: Ingestion of Homegrown Beef by Off-site Residents (Adult and Child)

Concentration in Beef

$$A_{beef} = [\Sigma(F_i \times Qpi \times Pi) + Qs \times Cs \times Bs] \times Ba_{beef} \times MF$$

Parameter	Description and Units	Adopted Value	Notes
A_{beef}	Concentration of CoPC in beef through ingestion of contaminated feed items (plant) and soil (mg CoPC/kg FW tissue)	See model below	Calculated using above equation.
F_i	Fraction of plant type (i) grown on contaminated soil and ingested by the animal (cattle) (unitless)	1	Recommended by HHRAP (US EPA, 2005). Assumed 100% of the plant material eaten by cattle were grown on soil contaminated by emission sources.
Qp_i	Quantity of plant type (i) eaten by the animal (cattle) per day (kg DW plant/day)	11.8	Recommended by HHRAP (US EPA, 2005). Sum of beef ingestion rates for forage (8.8 kg DW/day), silage (2.5 kg DW/day) and grain (0.47 kg DW/day).
P_i	Concentration of CoPC in each plant type (i) eaten by the animal (cattle) (mg/kg DW)	See home-grown produce model	Refer to C_p and C_{rp} (mg/kg plant - wet weight). Although C_p and C_{rp} are presented as a wet weight, this is unlikely to affected the outcome of the assessment
Qs	Quantity of soil eaten by the animal (cattle) each day (kg/day)	0.5	Recommended by HHRAP (US EPA, 2005).
Cs	Average soil concentration over exposure duration (mg CoPC/kg soil)	See dust-deposition model	Refer to C_s Soil-Plant Root Zone (mg/kg)
Bs	Soil bioavailability factor (unitless)	1	Default value recommended by HHRAP (US EPA, 2005).
Ba_{beef}	CoPC biotransfer factor for beef (day/kg FW tissue)	See model below	The highest biotransfer factor for beef recommended by the HHRAP Database (US EPA, 2005) or published in RAIS (2015) was conservatively selected in the HHRA. RAIS values were adopted for all metals. HHRAP Database values were adopted for dioxins and furans (value for 2,3,7,8-TCDD adopted for dioxins and furans) and PAHs
MF	Metabolism factor (unitless)	1	Default value recommended by HHRAP (US EPA, 2005).

CoPC	Concentration of CoPC in Plant (mg/kg DW) (P_i)	Cs (mg/kg) - Soil-Plant Root Zone	CoPC biotransfer factor for beef Ba_{beef} (day/kg FW tissue)	Concentration of CoPC in beef through ingestion of contaminated feed items (plant) and soil
arsenic	7.95E-12	1.52E-12	0.002	1.89E-13
cadmium	1.26E-10	2.35E-11	0.00055	8.22E-13
chromium (total)	7.69E-11	1.47E-11	0.0055	5.02E-12
lead	4.40E-11	8.41E-12	0.0004	2.09E-13
mercury	7.60E-12	1.40E-12	0.25	2.25E-11
nickel	1.66E-10	3.17E-11	0.006	1.18E-11
dioxins and furans as PCDD and PCDF	1.58E-16	1.96E-17	2.61	4.89E-15
PAHs as benzo(a)pyrene*	2.81E-11	4.91E-13	3.76	1.24E-09

Ingestion of Beef

$$Intake\ Factor = \frac{IR \times FI \times ME \times EF \times ED}{BW \times AT}$$

$$Daily\ Intake = Abeef \times Intake\ Factor$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Intake Factor	Intake factor (kg/kg/day)	See model below		-
IR	Ingestion rate (kg/day)	0.16	0.06	enHealth (2012b). Suggested (average) values for intake of total meat. Value for >19 years adopted for an adult (160 g/day) and 2-3 years adopted for a child (60 g/day).
FI	Fraction ingested from home-grown source (unitess)	0.01		Assumed less than 1% of beef sourced from adjacent site ingested as a conservative estimate
ME	Matrix effect (unitless)	1		Assumed 100% bioavailability
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - low to medium density residential
BW	Body weight (kg)	70	15	ASC NEPM (2013) - low to medium density residential
AT	Averaging time - Non-threshold (days)	25550	25550	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (days)	10585	2190	ASC NEPM (2013) - low to medium density residential

		Adult Intake Factor (kg/kg/day)		Child Intake Factor (kg/kg/day)		Adult Daily Intake (mg/kg/day)		Child Daily Intake (mg/kg/day)	
CoPC	Concentration of CoPC in beef through ingestion of contaminated feed items (plant) and soil A_{beef} (mg CoPC/kg FW tissue)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)
arsenic	1.89E-13	9.47E-06	2.29E-05	3.43E-06	4.00E-05	-	4.31E-18	-	7.55E-18
cadmium	8.22E-13					-	1.88E-17	-	3.29E-17
chromium (total)	5.02E-12					-	1.15E-16	-	2.01E-16
lead	2.09E-13					-	4.77E-18	-	8.34E-18
mercury	2.25E-11					-	5.15E-16	-	9.01E-16
nickel	1.18E-11					-	2.70E-16	-	4.72E-16
dioxins and furans as PCDD and PCDF	4.89E-15					-	1.12E-19	-	1.96E-19
PAHs as benzo(a)pyrene*	1.24E-09					1.18E-14	-	4.26E-15	-

			Adult Non-Threshold Compounds (Carcinogens)	Adult Threshold Compounds (Non-carcinogens)	Child Non-Threshold Compounds (Carcinogens)	Child Threshold Compounds (Non-carcinogens)
CoPC	Oral Cancer Slope Factor (CSF) $(mg/kg/day)^{-1}$	Background Adjusted Oral Reference Dose (RfD) mg/kg/day	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Hazard Quotient (HQ)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Hazard Quotient (HQ)
arsenic	-	1.00E-03	-	4.31E-15	-	7.55E-15
cadmium	-	3.20E-04	-	5.87E-14	-	1.03E-13
chromium (total)	-	9.00E-04	-	1.27E-13	-	2.23E-13
lead	-	3.50E-03	-	1.36E-15	-	2.38E-15
mercury	-	3.60E-04	-	1.43E-12	-	2.50E-12
nickel	-	4.80E-03	-	5.62E-14	-	9.83E-14
dioxins and furans as PCDD and PCDF	-	9.89E-10	-	1.13E-10	-	1.98E-10
PAHs as benzo(a)pyrene*	0.5	-	5.89E-15	-	2.13E-15	-
		Total	**5.89E-15**	**1.15E-10**	**2.13E-15**	**2.01E-10**

Health Risk Calculations - Ingestion of Breastmilk - Scenario 1 Grid Max

Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd
Scenario: Ingestion of Breastmilk by Off-site Residents (Child)

Concentration in Breastmilk

$$C_{milk\ fat} = \frac{m \times h \times f_1}{0.693 \times f_2}$$

Parameter	Description and Units	Adopted Value	Notes
$C_{milk\ fat}$	Concentration of CoPC in milk fat (mg/kg)	See model below	-
m	Average maternal intake (mg/kg/day)	See model below	The potential maternal intake is a highly variable parameter in the above equation. It can be assumed that the calculations undertaken to calculate adult intake of each CoPC via inhalation and ingestion are relevant for a mother who may be breastfeeding an infant.
h	Half-life of chemical in body, adults (days)	See model below	Value from NHMRC (2002) for dioxins and furans. Value from HSDB online database for PAHs (current to 2010). Value from WHO (2011), NHMRC (2016) or the HSDB online database for most metals. For mercury, the biological half-life is stated to be 'many years', which was assumed to be 10 years.
f_1	Fraction of ingested chemical stored in fat (unitless)	0.9	No data is available that is specific to the fraction of organic chemicals that may be stored as fat and hence available data for dioxins has been adopted. The fraction of ingested organic chemicals which is stored as fat is recommended to be 0.9 (US EPA, 1998).
f_2	Fraction of mothers weight that is fat (unitless)	0.35	The recommended fraction of mother's body weight which is fat is 0.35 (for females in south-eastern urban areas of Australia aged 31 to 45 years (DEH, 2005)).

CoPC	Adult intake from air, soil (ingestion and dermal contact), home-grown, produce, eggs and beef (m) (mg/kg/day)	Half-life of chemical in body, adults (h) (days)	Concentration of CoPC in milk fat ($C_{milk\ fat}$) (mg/kg)
arsenic	5.61E-09	60	1.25E-06
cadmium	8.68E-08	5475	1.76E-03
chromium (total)	5.42E-08	83.4	1.68E-05
lead	3.10E-08	10950	1.26E-03
mercury	5.15E-09	3650	6.97E-05
nickel	1.17E-07	1.8	7.79E-07
dioxins and furans as PCDD and PCDF	1.12E-13	2555	1.06E-09
PAHs as benzo(a)pyrene*	8.24E-09	5.5	1.68E-07

Daily Intake from Air

$$Intake\ Factor = \frac{InhR \times ET \times FI \times EF \times ED}{BW \times AT}$$

Parameter	Description and Units	Adopted Value (Adult)	Notes
Intake Factor	Intake factor (m^3/kg/day)	See model below	-
InhR	Inhalation Rate (m^3/hour)	1.34	Inhalation rate assuming 20 hours indoors at 1.17 m^3/hour and 4 hours outdoors at 2.2 m^3/hour.
ET	Exposure time (hours/day)	24	ASC NEPM (2013) - low to medium density residential.
FI	Fraction inhaled from contamination source (unitless)	1	Assumed intake from contamination source for the whole ET.
EF	Exposure frequency (days/year)	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	29	ASC NEPM (2013) - low to medium density residential
BW	Body weight (kg)	70	ASC NEPM (2013) - low to medium density residential
AT	Averaging time - Non-threshold (days)	25550	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (days)	10585	ASC NEPM (2013) - low to medium density residential

CoPC	Grid Maximum GLC (mg/m^3)	Non-Threshold Slope Factor (mg/kg/day)$^{-1}$ (a)	Background Adjusted Oral Reference Dose (RfD) mg/kg/day (b)	Adult Intake Factor (m^3/kg/day)		Daily Intake from Air (mg/kg/day)
				Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	
arsenic	1.22E-08	-	1.00E-03	0.19	0.46	5.61E-09
cadmium	1.89E-07	-	3.20E-04			8.68E-08
chromium (total)	1.18E-07	-	9.00E-04			5.42E-08
lead	6.74E-08	-	3.50E-03			3.10E-08
mercury	1.12E-08	-	3.60E-04			5.15E-09
nickel	2.54E-07	-	4.80E-03			1.17E-07
dioxins and furans as PCDD and PCDF	2.43E-13	-	9.89E-10			1.12E-13
PAHs as benzo(a)pyrene*	4.33E-08	0.5	-			8.24E-09

(a) WHO (2011) Guidelines for Drinking Water Quality. Fourth Edition. World Health Organization, Switzerland.

(b) DEH (2005) National Dioxins Program, Technical Report No. 12, Human Health Risk Assessment of Dioxins in Australia. Office of Chemical Safety, Australian Government Department of the Environment and Heritage, Canberra.

Ingestion of Breastmilk

$$Intake\ Factor = \frac{IR \times FM \times Ab \times EF \times ED}{BW \times AT}$$

$$Daily\ Intake = Cmilk_{fat} \times Intake\ Factor$$

Parameter	Description and Units	Adopted Value (Child)	Notes
Intake Factor	Intake factor (kg/kg/day)	See model below	-
IR	Ingestion rate (kg/day)	0.85	enHealth (2012b). Suggested intake of breastmilk 850 mL/day for an infant less than 6-months of age. High end range of average intake.
FM	Fraction of Fat/Lipids in Milk (unitess)	0.037	DEH (2005)
Ab	Absorption Following Ingestion (unitless)	0.9	DEH (2005)
EF	Exposure frequency (days/year)	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	0.5	Exposure time as an infant
BW	Body weight (kg)	6	Average weight of a 6-month old infant
AT	Averaging time - Non-threshold (days)	25550	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (days)	365	ASC NEPM (2013) - low to medium density residential

CoPC	Concentration of CoPC in milk fat (Cmilk fat) (mg/kg)	Child Intake Factor (kg/kg/day)		Child Daily Intake (mg/kg/day)	
		Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)
arsenic	1.25E-06	3.37E-05	2.36E-03	-	2.94E-09
cadmium	1.76E-03			-	4.16E-06
chromium (total)	1.68E-05			-	3.96E-08
lead	1.26E-03			-	2.97E-06
mercury	6.97E-05			-	1.64E-07
nickel	7.79E-07			-	1.84E-09
dioxins and furans as PCDD and PCDF	1.06E-09			-	2.50E-12
PAHs as benzo(a)pyrene*	1.68E-07			5.67E-12	-

CoPC	Oral Cancer Slope Factor (CSF) (mg/kg/day)$^{-1}$	Background Adjusted Oral Reference Dose (RfD) mg/kg/day	Child Non-Threshold Compounds (Carcinogens)	Child Threshold Compounds (Non-carcinogens)
			Incremental Lifetime Cancer Risk (ILCR) (unitless)	Hazard Quotient (HQ)
arsenic	-	1.00E-03	-	2.94E-06
cadmium	-	3.20E-04	-	1.30E-02
chromium (total)	-	9.00E-04	-	4.40E-05
lead	-	3.50E-03	-	8.48E-04
mercury	-	3.60E-04	-	4.57E-04
nickel	-	4.80E-03	-	3.83E-07
dioxins and furans as PCDD and PCDF	-	9.89E-10	-	2.52E-03
PAHs as benzo(a)pyrene*	0.5	-	2.83E-12	-
		Total	**2.83E-12**	**1.69E-02**

Health Risk Calculations - Cumulative Risk (Pathways Combined) - Scenario 1 Grid Max

Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd
Scenario: Cumulative Risk to Residents

Exposure Pathway	Threshold Compounds (Non-carcinogens) - Hazard Index (HI)		Non-Threshold Compounds (Carcinogens) - Incremental Lifetime Cancer Risk (ILCR) (unitless)
	Adult	Child	
Inhalation of Air	8.8E-02	8.8E-02	1.9E-06
Incidental Ingestion of Soil	1.3E-12	1.2E-11	3.2E-18
Dermal Contact with Soil	6.5E-14	1.3E-13	5.8E-18
Ingestion of Home-grown Produce	3.5E-10	8.0E-10	4.2E-15
Ingestion of Eggs	6.6E-11	1.3E-10	5.2E-16
Ingestion of Beef	1.1E-10	2.0E-10	8.0E-15
Total	**8.8E-02**	**8.8E-02**	**1.9E-06**

General Information:	
Site:	Regain Tomago Facility
Address:	638 Tomago Road, Tomago
Client:	Regain Services Pty Ltd
Scenario:	Direct Contact with Soil by Off-site Residents (Adult and Child) - Scenario 1 Grid Max

Receptor:
Residential (High Density/Minimal Soil Access)

Exposure Pathways to Include:	
Enter "x" in box by clicking the select buttons.	
Soil Pathways	
x	Incidental Ingestion of Soil
x	Dermal Contact with Soil
	Inhalation of Surface Soil-Derived Dust in Indoor Air
	Inhalation of Surface Soil-Derived Dust in Outdoor Air
	Inhalation of Surface Soil-Derived Vapours in Outdoor Air
	Inhalation of Soil-Derived Vapours From Excavation (USEPA 2002 method)
	Inhalation of Subsurface Soil-Derived Vapours in Indoor Air
	Inhalation of Subsurface Soil-Derived Vapours in Outdoor Air
	Incidental Ingestion of Lead in Soil (Adult Lead Model)
	Inhalation of Lead in Soil/Dust Indoors (Adult Lead Model)
	Inhalation of Lead in Dust Outdoors (Adult Lead Model)

Chemicals for Quantitative Assessment:	Chemical Concentrations
	Soil (mg/kg)
Arsenic, Inorganic	2.28E-11
Cadmium	3.53E-10
Chromium(VI)	2.21E-10
Lead	1.26E-10
Mercury (elemental)	2.09E-11
Nickel	4.75E-10
Dioxins and Furans as PCDD and PCDF	2.94E-16
Benzo(a)pyrene	7.37E-12

Exposure Parameters:		Exposure Parameters (Adjust for site-specific conditions if required)		Reference (Refer to Exposure Parameter Table in the Report for Justification)	
		Adult	Child	Adult	Child
General receptor parameters:	**Units**				
Body weight	kg	70	15	NEPC (2013)	NEPC (2013)
Exposure duration	yr	29	6	NEPC (2013)	NEPC (2013)
Averaging time (carcinogens)	yr	70	70	NEPC (2013)	NEPC (2013)
Averaging time (non-carcinogens)	yr	29	6	NEPC (2013)	NEPC (2013)
Incidental Soil Ingestion					
Daily soil ingestion rate	mg/day	50	100	NEPC (2013)	NEPC (2013)
Exposure frequency for soil ingestion	days/yr	365	365	NEPC (2013)	NEPC (2013)
Dermal Contact With Soil					
Exposed skin surface area for soil contact	cm2	6300	2700	NEPC (2013). Assumes 31.5% of total body surface area (20,000 cm2)	NEPC (2013). Assumes 44.3% of total body surface area (6,100 cm2)
Soil to skin adherence factor	mg/cm2	0.5	0.5	NEPC (2013)	NEPC (2013)
Exposure frequency for dermal contact with soil	days/yr	365	365	NEPC (2013)	NEPC (2013)
Indoor Inhalation					
Exposure time (indoor air)	hrs/day				
Exposure frequency (indoor air)	days/yr				
Particulate emission factor (indoor air)	m3/kg				
Lung Retention Factor (dust inhalation)	unitless				
Outdoor Inhalation					
Exposure time (outdoor air)	hrs/day				
Exposure frequency (outdoor air)	days/yr				
Particulate emission factor (outdoor air)	m3/kg				
Lung Retention Factor (dust inhalation)	unitless				
Potable Water Ingestion					
Potable water intake rate	L/day				
Exposure frequency for potable water intake	days/yr				

Health Risk Calculations - Incidental Soil Ingestion

Regain Tomago Facility
638 Tomago Road, Tomago
Direct Contact with Soil by Off-site Residents (Adult and Child) - Scenario 1 Grid Max Scenario

Chemical	Soil Concentration	Oral Soil Bioavailability Factor	Threshold Intake and Risk Calculations							Non-Threshold Intake and Risk Calculations					
			Oral RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)	Oral CSF	Adult Intake Factor (non-threshold)	Child Intake Factor (non-threshold)	Lifetime Intake Factor (non-threshold)	Lifetime Intake (non-threshold)	Lifetime Excess Cancer Risk
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)	(mg/kg/day)-1	(kg/kg/day)	(kg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	2.28103E-11	1.00E+00	1.00E-03	7.14E-07	1.63E-17	1.63E-14	6.67E-06	1.52E-16	1.52E-13	-	-	-	-	-	-
Cadmium	3.52915E-10	1.00E+00	3.20E-04	7.14E-07	2.52E-16	7.88E-13	6.67E-06	2.35E-15	7.35E-12	-	-	-	-	-	-
Chromium(VI)	2.2093E-10	1.00E+00	9.00E-04	7.14E-07	1.58E-16	1.75E-13	6.67E-06	1.47E-15	1.64E-12	-	-	-	-	-	-
Lead	1.26102E-10	1.00E+00	3.50E-03	7.14E-07	9.01E-17	2.57E-14	6.67E-06	8.41E-16	2.40E-13	-	-	-	-	-	-
Mercury (elemental)	2.09453E-11	1.00E+00	3.60E-04	7.14E-07	1.50E-17	4.16E-14	6.67E-06	1.40E-16	3.88E-13	-	-	-	-	-	-
Nickel	4.74857E-10	1.00E+00	4.80E-03	7.14E-07	3.39E-16	7.07E-14	6.67E-06	3.17E-15	6.60E-13	-	-	-	-	-	-
Dioxins and Furans as PCDD an	2.93703E-16	1.00E+00	9.89E-10	7.14E-07	2.10E-22	2.12E-13	6.67E-06	1.96E-21	1.98E-12	-	-	-	-	-	-
Benzo(a)pyrene	7.367E-12	1.00E+00	-	-	-	-	-	-	-	5.00E-01	2.96E-07	5.71E-07	8.67E-07	6.39E-18	3.19E-18
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL						**1.33E-12**			**1.24E-11**						**3.19E-18**

Health Risk Calculations - Dermal Contact with Soil
Regain Tomago Facility
638 Tomago Road, Tomago
Direct Contact with Soil by Off-site Residents (Adult and Child) - Scenario 1 Grid Max Scenario

Chemical	Soil Concentration	Dermal Absorption Factor (DAF)	Threshold Intake and Risk Calculations							Non-Threshold Intake and Risk Calculations					
			Dermal RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)	Dermal CSF	Adult Intake Factor (non-threshold)	Child Intake Factor (non-threshold)	Lifetime Intake Factor (non-threshold)	Lifetime Intake (non-threshold)	Lifetime Excess Cancer Risk
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)	(mg/kg/day)-1	(kg/kg/day)	(kg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	2.28103E-11	0.005	1.00E-03	2.25E-07	5.13E-18	5.13E-15	4.50E-07	1.03E-17	1.03E-14	-	-	-	-	-	-
Cadmium	3.52915E-10	-	3.20E-04	-	-	-	-	-	-	-	-	-	-	-	-
Chromium(VI)	2.2093E-10	-	2.25E-05	-	-	-	-	-	-	-	-	-	-	-	-
Lead	1.26102E-10	-	3.50E-03	-	-	-	-	-	-	-	-	-	-	-	-
Mercury (elemental)	2.09453E-11	0.001	2.52E-05	4.50E-08	9.43E-19	3.74E-14	9.00E-08	1.89E-18	7.48E-14	-	-	-	-	-	-
Nickel	4.74857E-10	0.005	4.80E-03	2.25E-07	1.07E-16	2.23E-14	4.50E-07	2.14E-16	4.45E-14	-	-	-	-	-	-
Dioxins and Furans as PCDD a	2.93703E-16	-	2.30E-09	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	7.367E-12	0.06	-	-	-	-	-	-	-	5.00E-01	1.12E-06	4.63E-07	1.58E-06	1.17E-17	5.83E-18
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL						**6.48E-14**			**1.30E-13**						**5.83E-18**

Summary of Estimated Health Risks
Regain Tomago Facility
638 Tomago Road, Tomago
Direct Contact with Soil by Off-site Residents (Adult and Child) - Scenario 1 Grid Max Scenario

Exposure Pathway	Threshold Risk Estimates		Non-Threshold Risk Estimates (Lifetime Exposure)
	Adult Exposure	Childhood Exposure	
SOIL EXPOSURE PATHWAYS			
Incidental Ingestion of Soil	1.3E-12	1.2E-11	3.2E-18
Dermal Contact with Soil	6.5E-14	1.3E-13	5.8E-18
Inhalation of Surface Soil-Derived Dust in Indoor Air	-	-	-
Inhalation of Surface Soil-Derived Dust in Outdoor Air	-	-	-
Inhalation of Surface Soil-Derived Vapours in Outdoor Air	-	-	-
Inhalation of Surface Soil-Derived Vapours from Excavation	-	-	-
Inhalation of Subsurface Soil-Derived Vapours in Indoor Air	-	-	-
Inhalation of Subsurface Soil-Derived Vapours in Outdoor Air	-	-	-
TOTAL	**1.4E-12**	**1.3E-11**	**9.0E-18**

Adopted Toxicity Data - Inhalation Pathway

Adopted Toxicity Data

Individual Compounds	Inhalation Unit Risk (IUR) (a) ($\mu g/m^3)^{-1}$	Source	Reference Concentration (RfC) ($\mu g/m^3$)	Source	Background Exposure Allocation (%)	Source
antimony	-	-	21	RIVM (2008). Converted from TDI of 0.006 mg/kg/day.	0%	Negligible.
arsenic	-	-	1	RIVM (2000).	0%	ASC NEPM (2013).
cadmium	-	-	0.005	WHO (2000a).	20%	ASC NEPM (2013).
chromium III	-	-	0.1	ATSDR (2008)	0%	ASC NEPM (2013). Consistent with CrVI.
chromium VI	-	-	0.1	US EPA IRIS (2015).	0%	ASC NEPM (2013).
lead	-	-	0.5	WHO (2000a).	0%	Negligible.
manganese	-	-	0.15	WHO (2000b).	20%	ASC NEPM (2013).
mercury	-	-	0.2	WHO (2003).	10%	ASC NEPM (2013).
nickel	-	-	0.02	EA (2009).	20%	ASC NEPM (2013).
cyanide	-		0.8	USEPA (2010).	0%	ASC NEPM (2013).
Dioxins and furans (PCDDs and PCDFs)	-	-	0.00000805	DEH (2005). Converted NHMRC TMI (70 pg/kg body weight/month) to TDI (2.3×10^{-9} mg/kg/day) to RfC.	57%	DEH (2004)
PAHs as benzo(a)pyrene*	8.70E-02	WHO (2000b). TEF (1)	-	-	-	-
toluene	-	-	5000	US EPA IRIS (2015).	0%	Friebel & Nadebaum (2011).
acetone (propanone)	-	-	30900	ATSDR (1994). Converted from chronic MRL of 13 ppm.	10%	Friebel & Nadebaum (2011) (b)
benzene	6.00E-06	WHO (2010).	30	US EPA IRIS (2015).	20%	Friebel & Nadebaum (2011).
Naphthalene*	-	-	3.7	ATSDR (2005)	0%	Negligible. ATSDR (2005).

Notes
CSF - Cancer slope factor.
RfD - Reference dose.
TDI - Tolerable daily intake.
TMI - Tolerable monthly intake.
(a) Those compounds with inhalation unit risk (IUR) values were considered to be carcinogens as part of this assessment. It should be noted that some compounds were assessed as both a carcinogen and non-carcinogen e.g. benzene.
(b) In absence of compound-specific background exposure data, the background exposure for semi or volatile CoPC has been set at 10% in accordance with the total petroleum hydrocarbon (TPH) background exposure allocation adopted by CRC CARE (2011) during derivation of the Health Screening Levels (HSLs).

References
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Friebel & Nadebaum (2011) Health screening levels for petroleum hydrocarbons in soil and groundwater. Part 1: Technical development document. CRC Care Technical Report no. 10, CRC for Contamination Assessment and Remediation of the Environment, Adelaide, Australia. September 2011.
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WHO (2010) Guidelines for Indoor Air Quality. World Health Organization, Geneva.

Risk Estimate for Resident - Inhalation Pathway (Scenario 2)

Health Risk Calculations - Inhalation of Vapour - Scenario 2
Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd
Scenario: Inhalation of Vapour by Off-site Residents (Adult and Child)

$$Exposure\ Adjusted\ Air\ Concentration\left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) \times ET\ \left(\frac{h}{d}\right) \times EF\ \left(\frac{d}{y}\right) \times ED(y)}{AT(h)}$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Cair	Chemical concentration in air (µg/m^3)	See model below		Grid maximum ground level concentration (GLC)
ET	Exposure time (hours/day)	24	24	ASC NEPM (2013) - low to medium density residential
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - low to medium density residential
AT	Averaging time - Non-threshold (hours)	613200	613200	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (hours)	254040	52560	ASC NEPM (2013) - low to medium density residential

CoPC	Maximum Annual Average GLC (µg/m^3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Adult				Child			
						Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)		Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)	Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
antimony	4.28E-05	21	0%	21	-	-	-	4.28E-05	2.04E-06	-	-	4.28E-05	2.04E-06
arsenic	3.16E-05	1	0%	1	-	-	-	3.16E-05	3.16E-05	-	-	3.16E-05	3.16E-05
cadmium	8.78E-05	0.005	20%	0.004	-	-	-	8.78E-05	2.20E-02	-	-	8.78E-05	2.20E-02
chromium III	2.89E-04	0.1	0%	0.1	-	-	-	2.89E-04	2.89E-03	-	-	2.89E-04	2.89E-03
lead	1.66E-04	0.5	0%	0.5	-	-	-	1.66E-04	3.32E-04	-	-	1.66E-04	3.32E-04
manganese	1.71E-03	0.15	20%	0.12	-	-	-	1.71E-03	1.43E-02	-	-	1.71E-03	1.43E-02
mercury	2.73E-05	0.2	10%	0.18	-	-	-	2.73E-05	1.52E-04	-	-	2.73E-05	1.52E-04
nickel	6.17E-04	0.02	20%	0.016	-	-	-	6.17E-04	3.86E-02	-	-	6.17E-04	3.86E-02
cyanide	3.58E-03	0.8	0%	0.8	-	-	-	3.58E-03	4.48E-03	-	-	3.58E-03	4.48E-03
Dioxins and furans (PCDDs and PCDFs	3.58E-10	0.00000805	57%	3.4615E-06	-	-	-	3.58E-10	1.03E-04	-	-	3.58E-10	1.03E-04
PAHs as benzo(a)pyrene*	1.20E-05	-	-	-	8.70E-02	4.97E-06	4.32E-07	-	-	1.03E-06	8.94E-08	-	-
toluene	3.74E-02	5000	0%	5000	-	-	-	3.74E-02	7.48E-06	-	-	3.74E-02	7.48E-06
acetone (propanone)	3.14E-02	30900	10%	27810	-	-	-	3.14E-02	1.13E-06	-	-	3.14E-02	1.13E-06
benzene	2.90E-03	30	20%	24	6.00E-06	1.20E-03	7.21E-09	2.90E-03	1.21E-04	2.49E-04	1.49E-09	2.90E-03	1.21E-04
Naphthalene*	1.78E-03	3.7	0%	3.7	-	-	-	1.78E-03	4.81E-04	-	-	1.78E-03	4.81E-04
						Total ILCR (Adult)	**4.39E-07**	**Hazard Index (ΣHQ) (Adult)**	**8.34E-02**	**Total ILCR (Child)**	**9.09E-08**	**Hazard Index (ΣHQ) (Child)**	**8.34E-02**

* Based on the Total PAH stack testing results collated from 2014 to 2016, the carcinogenic PAHs (Benzo(a)anthracene, Benzo(b+j)fluoranthene, Benzo(k)fluoranthene, Benzo(g,h,i)perylene, Chrysene, Dibenz(a,h)anthracene, and Indeno(1,2,3-c,d)pyrene) have been assessed as BaP, and the average percent contribution of the carcinogenic PAHs to the Total PAH is 0.67%. The remaining contribution of PAHs (99.3%) has been assessed as naphthalene. The speciated breakdowns of the Total PAH stack testing results are presented in Appendix G.

Risk Estimate for Commercial Worker - Inhalation Pathway (Scenario 2)

Health Risk Calculations - Inhalation of Vapour - Scenario 2
Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd
Scenario: Inhalation of Vapour by Off-site Commercial Workers (Adult)

$$Exposure\ Adjusted\ Air\ Concentration\left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) \times ET\ \left(\frac{h}{d}\right) \times EF\ \left(\frac{d}{y}\right) \times ED(y)}{averaging\ time\ (h)}$$

Parameter	Description and Units	Adopted Value	Notes
Cair	Chemical concentration in air (µg/m^3)	See model below	Grid maximum ground level concentration (GLC)
ET	Exposure time (hours/day)	9	ASC NEPM (2013) - commercial/industrial.
EF	Exposure frequency (days/year)	240	ASC NEPM (2013) - commercial/industrial.
ED	Exposure duration (years)	30	ASC NEPM (2013) - commercial/industrial.
AT	Averaging time - Non-threshold (hours)	613200	ASC NEPM (2013) - commercial/industrial.
	Averaging time -Threshold (hours)	262800	ASC NEPM (2013) - commercial/industrial.

CoPC	Maximum Annual Average GLC (µg/m^3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Non-Threshold Compounds (Carcinogens)		Threshold Compounds (non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
antimony	5.66E-04	21	0%	21	-	-	-	1.40E-04	6.65E-06
arsenic	4.17E-04	1	0%	1	-	-	-	1.03E-04	1.03E-04
cadmium	1.16E-03	0.005	20%	0.004	-	-	-	2.86E-04	7.15E-02
chromium III	3.82E-03	0.1	0%	0.1	-	-	-	9.42E-04	9.42E-03
lead	2.19E-03	0.5	0%	0.5	-	-	-	5.40E-04	1.08E-03
manganese	2.26E-02	0.15	20%	0.12	-	-	-	5.57E-03	4.64E-02
mercury	3.61E-04	0.2	10%	0.18	-	-	-	8.90E-05	4.95E-04
nickel	8.15E-03	0.02	20%	0.016	-	-	-	2.01E-03	1.26E-01
cyanide	4.73E-02	0.8	0%	0.8	-	-	-	1.17E-02	1.46E-02
Dioxins and furans (PCDDs and PCDFs)	4.73E-09	0.00000805	57%	3.4615E-06	-	-	-	1.17E-09	3.37E-04
PAHs as benzo(a)pyrene*	1.59E-04	-	-	-	8.70E-02	1.68E-05	1.46E-06	-	-
toluene	4.94E-01	5000	0%	5000	-	-	-	1.22E-01	2.44E-05
acetone (propanone)	4.14E-01	30900	10%	27810	-	-	-	1.02E-01	3.67E-06
benzene	3.84E-02	30	20%	24	6.00E-06	4.06E-03	2.43E-08	9.47E-03	3.95E-04
Naphthalene*	2.35E-02	3.7	0%	3.7	-	-	-	5.80E-03	1.57E-03
						Total ILCR (Adult)	**1.48E-06**	**Hazard Index (∑HQ) (Adult)**	**2.72E-01**

* Based on the Total PAH stack testing results collated from 2014 to 2016, the carcinogenic PAHs (Benzo(a)anthracene, Benzo(b+j)fluoranthene, Benzo(k)fluoranthene, Benzo(g,h,i)perylene, Chrysene, Dibenz(a,h)anthracene, and Indeno(1,2,3-c,d)pyrene) have been assessed as BaP, and the average percent contribution of the carcinogenic PAHs to the Total PAH is 0.67%. The remaining contribution of PAHs (99.3%) has been assessed as naphthalene. The speciated breakdowns of the Total PAH stack testing results are presented in Appendix G.

Risk Estimate for Recreational User - Inhalation Pathway (Scenario 2)

Health Risk Calculations - Inhalation of Vapour - Scenario 2

Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd
Scenario: Inhalation of Vapour by Off-site Recreational Users (Adult and Child)

$$Exposure\ Adjusted\ Air\ Concentration\left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) \times ET\ \left(\frac{h}{d}\right) \times EF\ \left(\frac{d}{y}\right) \times ED(y)}{AT(h)}$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Cair	Chemical concentration in air (µg/m^3)	See model below		Grid maximum ground level concentration (GLC)
ET	Exposure time (hours/day)	2	2	ASC NEPM (2013) - recreational user
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - recreational user
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - recreational user
AT	Averaging time - Non-threshold (hours)	613200	613200	ASC NEPM (2013) - recreational user
	Averaging time -Threshold (hours)	254040	52560	ASC NEPM (2013) - recreational user

CoPC	Maximum Annual Average GLC (µg/m^3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Adult				Child			
						Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)		Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)	Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
antimony	6.18E-05	21	0%	21	-	-	-	5.15E-06	2.45E-07	-	-	5.15E-06	2.45E-07
arsenic	4.56E-05	1	0%	1	-	-	-	3.80E-06	3.80E-06	-	-	3.80E-06	3.80E-06
cadmium	1.27E-04	0.005	20%	0.004	-	-	-	1.06E-05	2.65E-03	-	-	1.06E-05	2.65E-03
chromium III	4.17E-04	0.1	0%	0.1	-	-	-	3.48E-05	3.48E-04	-	-	3.48E-05	3.48E-04
lead	2.39E-04	0.5	0%	0.5	-	-	-	1.99E-05	3.98E-05	-	-	1.99E-05	3.98E-05
manganese	2.47E-03	0.15	20%	0.12	-	-	-	2.06E-04	1.72E-03	-	-	2.06E-04	1.72E-03
mercury	3.95E-05	0.2	10%	0.18	-	-	-	3.29E-06	1.83E-05	-	-	3.29E-06	1.83E-05
nickel	8.91E-04	0.02	20%	0.016	-	-	-	7.43E-05	4.64E-03	-	-	7.43E-05	4.64E-03
cyanide	5.17E-03	0.8	0%	0.8	-	-	-	4.31E-04	5.39E-04	-	-	4.31E-04	5.39E-04
Dioxins and furans (PCDDs and PCDFs)	5.17E-10	0.00000805	57%	0.00000346	-	-	-	4.31E-11	1.24E-05	-	-	4.31E-11	1.24E-05
PAHs as benzo(a)pyrene*	1.74E-05	-	-	-	8.70E-02	5.99E-07	5.21E-08	-	-	1.24E-07	1.08E-08	-	-
toluene	5.39E-02	5000	0%	5000	-	-	-	4.49E-03	8.98E-07	-	-	4.49E-03	8.98E-07
acetone (propanone)	4.53E-02	30900	10%	27810	-	-	-	3.78E-03	1.36E-07	-	-	3.78E-03	1.36E-07
benzene	4.19E-03	30	20%	24	6.00E-06	1.45E-04	8.68E-10	3.49E-04	1.45E-05	2.99E-05	1.80E-10	3.49E-04	1.45E-05
Naphthalene*	2.57E-03	3.7	0%	3.7	-	-	-	2.14E-04	5.79E-05	-	-	2.14E-04	5.79E-05
						Total ILCR (Adult)	**5.30E-08**	**Hazard Index (∑HQ) (Adult)**	**1.00E-02**	**Total ILCR (Child)**	**1.10E-08**	**Hazard Index (∑HQ) (Child)**	**1.00E-02**

* Based on the Total PAH stack testing results collated from 2014 to 2016, the carcinogenic PAHs (Benzo(a)anthracene, Benzo(b+j)fluoranthene, Benzo(k)fluoranthene, Benzo(g,h,i)perylene, Chrysene, Dibenz(a,h)anthracene, and Indeno(1,2,3-c,d)pyrene) have been assessed as BaP, and the average percent contribution of the carcinogenic PAHs to the Total PAH is 0.67%. The remaining contribution of PAHs (99.3%) has been assessed as naphthalene. The speciated breakdowns of the Total PAH stack testing results are presented in Appendix G.

Potential Concentration in Soils Following Dust Deposition (Scenario 2)

Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd

Concentration in Soils

$$C_s = \frac{DR \times (1 - e^{-k \times t})}{d \times \rho \times k} \times 1000$$

Parameter	Description and Units	Adopted Value		Notes
C_s	Concentration of CoPC in soil (mg/kg)	See below		Calculated using above equation (Stevens, 1991).
DR	Particle deposition rate for accidental release (mg/m^2/year)	See below		Maximum modelled deposition rate for receptors combined.
k	Chemical-specific soil-loss constant (1/year) = ln(2)/$T^{0.5}$	See below		Calculated using equation ln(2)/$T^{0.5}$.
$T^{0.5}$	Chemical half-life in soil (years)	See below		Howard et al. (1991) for PAHs (benzo(a)pyrene). NHMRC (2002) for dioxins and furans (surface soil). Conservative value adopted for heavy metals in the absense of published data.
t	Accumulation time (years)	25		Emissions may occur for the assumed lifetime of the Facility.
d	Soil mixing depth (m)	0.01	0.15	It is assumed that the soil where deposition occurs is not well mixed (as would be the case in a garden or cultivated bed), and hence the mixing depth for depositied soils and dusts has been taken to be 1cm. For the assessment of potential plant uptake, a soil mixing zone of 15cm has been assumed within the root zone of plants.
ρ	Soil bulk-density (g/m^3)	1.60E+06		Sandy soils (representative of surface soils) typically have bulk densities between 1.3 g/cm^3 to 1.7 g/cm^3 (McKenzie et al., 2004). In general, bulk densities greater than 1.6 g/cm^3 tend to restrict root growth.
1000	Conversion from g to kg	-		

CoPC	Deposition Rate (total) (mg/m^2/year)	k (1/year)	$T^{0.5}$ (years)	C_s (mg/kg) - Surface Soil	C_s (mg/kg) - Soil-Plant Root Zone
antimony		Not bioaccumulative (WHO, 2003)			
arsenic	1.05E-10	0.01	100	1.51E-10	1.00E-11
cadmium	2.93E-10	0.01	100	4.20E-10	2.80E-11
chromium	9.64E-10	0.01	100	1.38E-09	9.22E-11
lead	5.53E-10	0.01	100	7.93E-10	5.29E-11
manganese		Not bioaccumulative (ATSDR, 2012)			
mercury	9.12E-11	0.01	100	1.31E-10	8.72E-12
nickel	2.06E-09	0.01	100	2.96E-09	1.97E-10
dioxins and furans as PCDD and PCDF	1.19E-15	0.05	15	1.10E-15	7.35E-17
PAHs as benzo(a)pyrene*	4.00E-11	0.48	1.45	5.23E-12	3.49E-13
cyanide		Not bioaccumulative (ASTDR, 2006)			

References:

ATSDR Toxicological Profiles available at http://www.atsdr.cdc.gov/toxprofiles/index.asp.

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For metals that were considered to be bioaccumulative and/or persistent, a conservative half-life value of 100 years was adopted in the absence of published data to account for the slow (or no) breakdown in the environment.

* Based on the Total PAH stack testing results collated from 2014 to 2016, the carcinogenic PAHs (Benzo(a)anthracene, Benzo(b+j)fluoranthene, Benzo(k)fluoranthene, Benzo(g,h,i)perylene, Chrysene, Dibenz(a,h)anthracene, and Indeno(1,2,3-c,d)pyrene) have been assessed as BaP, and the average percent contribution of the carcinogenic PAHs to the Total PAH is 0.67%. The remaining contribution of PAHs (99.3%) has been assessed as naphthalene. The speciated breakdowns of the Total PAH stack testing results are presented in Appendix G.

Health Risk Calculations - Ingestion of Home-grown Produce (Scenario 2)

Site	Regain Tomago Facility
Address	638 Tomago Road, Tomago
Client	Regain Services Pty Ltd
Scenario:	Ingestion of Homegrown Produce by Off-site Residents (Adult and Child)

Concentration in Home-grown Produce

Deposited Material on Aboveground Plants

$$C_p = \frac{DR \times F \times (1 - e^{-k \cdot t})}{Y \times k}$$

Parameter	Description and Units	Adopted Value	Notes
C_p	Concentration of CoPC in plant (mg/kg plant - wet weight)	See below	Calculated using above equation from HHRAP (Stevens, 1991).
DR	Particle deposition rate for accidental release (mg/m^2/day)	See below	Maximum modelled deposition rate for receptors combined.
F	Fraction for the surface area of plant (unitless)	0.051	For leafy aboveground crops, the surface area fraction (or plant interception fraction - how much of the depositing material remains on the plant) is estimated to be 0.051 (Stevens, 1991).
k	Chemical-specific loss constant for particles on plants (1/days) = ln(2)/T$^{0.5}$	See below	Calculated using equation ln(2)/T$^{0.5}$.
T$^{0.5}$	Chemical half-life on plant (days)	14	Weathering of particulates on plant surfaces does occur and in the absence of measured data, it is generally assumed that organics deposited onto the outer portion of plant surfaces have a weathering half-life of 14 days (Stevens, 1991). Conservative value adopted for heavy metals in the absense of published data.
t	Deposition time or length of growing season (days)	70	The growing season for typical aboveground plants varies, however it may be up to 70 days (i.e. tomatoes), which has been used in the calculation on concentrations during normal operations.
Y	Crop yield (kg/m^2)	2	Given that the residential areas surrounding the Site are typically urban low-density residential properties, the types of edible plant expected to be grown on the properties include tomatoes and beans. Corn, hay and wheat are not expected to be grown for human consumption in significant quantities in the area. For typical crops grown aboveground an average crop yield of 2 kg/m^2 has been adopted.

CoPC	DR (mg/m^2/day)	k (1/days)	C_p (mg/kg plant - wet weight)
arsenic	1.05E-10	4.95E-02	5.24E-11
cadmium	2.93E-10	4.95E-02	1.46E-10
chromium	9.64E-10	4.95E-02	4.81E-10
lead	5.53E-10	4.95E-02	2.76E-10
mercury	9.12E-11	4.95E-02	4.55E-11
nickel	2.06E-09	4.95E-02	1.03E-09
dioxins and furans as PCDD and PCDF	1.19E-15	4.95E-02	5.94E-16
PAHs as benzo(a)pyrene*	4.00E-11	4.95E-02	2.00E-11

Uptake of Chemicals via Roots

$$C_{rp} = C_s \times RUF$$

Parameter	Description and Units	Adopted Value	Notes
C_{rp}	Concentration of persistent CoPC in root of plant (mg/kg plant - wet weight)	See below	Calculated using above equation (US EPA, 2005).
C_s	Concentration of persistent CoPC in soil assuming 15 cm mixing depth within gardens (mg/kg)	See below	Refer to Dust Deposition Model.
RUF	Root uptake factor (unitless)	See below	RAIS (Accessed 2018). Soil to wet plant uptake factor adopted. Value for 2,3,7,8-TCDD conservatively selected for dioxins and furans.

CoPC	Cs (mg/kg) - Soil-Plant Root Zone	RUF (unitless)	C_{rp} (mg/kg plant - wet weight)
arsenic	1.00E-11	1.00E-02	1.00E-13
cadmium	2.80E-11	1.38E-01	3.87E-12
chromium	9.22E-11	1.87E-03	1.72E-13
lead	5.29E-11	1.12E-02	5.92E-13
mercury	8.72E-12	2.25E-01	1.96E-12
nickel	1.97E-10	1.50E-02	2.96E-12
dioxins and furans as PCDD and PCDF	7.35E-17	8.76E-04	6.44E-20
PAHs as benzo(a)pyrene*	3.49E-13	2.14E-03	7.46E-16

Soil bulk density (g/cm^3)	1.63	Assumed for typical soil in root zone
Soil-water content by volume (cm^3/cm^3)	0.13	Assumed for typical soil in root zone
Fraction organic carbon (foc)	2%	ASC NEPM (2013)
Fraction that is home-grown	10%	ASC NEPM (2013) - HIL A

CoPC	Chemical Properties of Organics (as per RAIS 2015)					Intermediate Calculations for Organics					
	Koc (cm^3/g)	Log Kow	Kow	Dw (m^2/s)	Dw (cm^2/s)	K_{ch} (cm^3/g)	K_{pw} (cm^3/g)	k_2 (per hour)	k_1 (per hour)	K_{wood} (mg/g dw wood per mg/cm^2 water)	C_{stem} (mg/g)
dioxins and furans as PCDD and PCDF	6.5	6.80E+00	6.31E+06	6.76E-10	6.76E-06	3	2.11E+02	9.54E-05	1.55E-01	4.03E+00	389166.1422
PAHs as benzo(a)pyrene*	587000	6.13E+00	1.35E+06	9.00E-10	0.000009	3	6.55E+01	4.11E-04	2.29E-06	3.60E+00	0.018998604

Ingestion of Home-grown Produce

Percentage of Fruit and Vegatable per produce group (Table 7, Schedule B7, ASC NEPM (2013)).

Produce Group	Adults (%)	Adult Consumption Rate (g/day)	Portion of Aboveground Plants (Green Vegetables and Tree Fruit)	Portion of Root Plants (Root Vegetables and Tuber Vegetables)	Children (%)	Child Consumption Rate (g/day)	Portion of Aboveground Plants (Green Vegetables and Tree Fruit)	Portion of Root Plants (Root Vegetables and Tuber Vegetables)
Green Vegetables	59	153.4	0.73	0.27	55	55	0.84	0.16
Root Vegetables	18	46.8			17	17		
Tuber Vegetables	23	59.8			28	28		
Tree Fruit	100	140			100	180		
Total Consumption		**400**				**280**		

$$Intake\ Factor = \frac{IR \times FI \times ME \times EF \times ED}{BW \times AT}$$

$$Daily\ Intake = Concentration\ in\ Produce \times Intake\ Factor$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Intake Factor	Intake factor (kg/kg/day)	See model below		-
IR	Ingestion rate (kg/day)	0.469	0.202	
FI	Fraction ingested from a home-grown source (FI)	0.1		10% from home-grown source, as per ASC NEPM (2013) - low to medium density residential
ME	Matrix Effect (unitless)	1		Assumed to be 100% bioavailable
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - low to medium density residential
BW	Body weight (kg)	70	15	ASC NEPM (2013) - low to medium density residential
AT	Averaging time - Non-threshold (days)	25550	25550	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (days)	10585	2190	ASC NEPM (2013) - low to medium density residential

CoPC	Adult Concentration in Produce (wet weight, mg/kg) (a)	Child Concentration in Produce (wet weight, mg/kg) (a)	Adult Intake Factor (kg/kg/day)		Child Intake Factor (kg/kg/day)		Adult Daily Intake from Produce (mg/kg/day)		Child Daily Intake from Produce (mg/kg/day)	
			Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)
arsenic	3.85E-11	4.40E-11	2.78E-04	6.70E-04	1.15E-04	1.35E-03	-	2.58E-14	-	5.92E-14
cadmium	1.09E-10	1.23E-10					-	7.25E-14	-	1.66E-13
chromium	3.53E-10	4.04E-10					-	2.36E-13	-	5.44E-13
lead	2.03E-10	2.32E-10					-	1.36E-13	-	3.12E-13
mercury	3.39E-11	3.85E-11					-	2.27E-14	-	5.19E-14
nickel	7.55E-10	8.63E-10					-	5.06E-13	-	1.16E-12
dioxins and furans as PCDD and PCDF	4.36E-16	4.98E-16					-	2.92E-19	-	6.71E-19
PAHs as benzo(a)pyrene*	1.46E-11	1.68E-11					4.06E-15	-	1.93E-15	-

(a) Calculated based on portions of aboveground and root plants as presented above.

CoPC	Oral Cancer Slope Factor (CSF) (mg/kg/day)$^{-1}$	Background Adjusted Oral Reference Dose (RfD) mg/kg/day	Adult Non-Threshold Compounds (Carcinogens)	Adult Threshold Compounds (Non-carcinogens)	Child Non-Threshold Compounds (Carcinogens)	Child Threshold Compounds (Non-carcinogens)
			Incremental Lifetime Cancer Risk (ILCR) (unitless)	Hazard Quotient (HQ)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Hazard Quotient (HQ)
arsenic	-	1.00E-03	-	2.58E-11	-	5.92E-11
cadmium	-	3.20E-04	-	2.27E-10	-	5.19E-10
chromium	-	9.00E-04	-	2.63E-10	-	6.04E-10
lead	-	3.50E-03	-	3.88E-11	-	8.91E-11
mercury	-	3.60E-04	-	6.31E-11	-	1.44E-10
nickel	-	4.80E-03	-	1.05E-10	-	2.42E-10
dioxins and furans as PCDD and PCDF	-	9.89E-10	-	2.95E-10	-	6.79E-10
PAHs as benzo(a)pyrene*	0.5	-	2.03E-15	-	9.67E-16	
		Total	**2.03E-15**	**1.02E-09**	**9.67E-16**	**2.34E-09**

Health Risk Calculations - Ingestion of Poultry and Eggs (Scenario 2)
Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd
Scenario: Ingestion of Poultry and Eggs by Off-site Residents (Adult and Child)

Concentration in Eggs

$$A_{egg} = [\Sigma(F_i \times Qpi \times Pi) + Qs \times Cs \times Bs] \times (Ba_{egg})$$

Parameter	Description and Units	Adopted Value	Notes
A_{egg}	Concentration of COPC in eggs (mg COPC/kg FW tissue)	See model below	Calculated using above equation.
F_i	Fraction of plant type (i) (grain) grown on contaminated soil and ingested by the animal (chicken) (unitless)	1	Recommended by HHRAP (US EPA, 2005). Assumed 100% of the plant material eaten by chickens were grown on soil contaminated by emission sources.
Qp_i	Quantity of plant type (i) (grain) eaten by the animal (chicken) each day (kg DW plant/day)	0.2	Recommended by HHRAP (US EPA, 2005). Estimated for grain feed only.
P_i	Concentration of CoPC in plant type (i) (grain) eaten by the animal (chicken) (mg/kg DW)	See home-grown produce model	Refer to C_p and C_{rp} (mg/kg plant - wet weight). Although C_p and C_{rp} are presented as a wet weight, this is unlikely to affected the outcome of the assessment as dust deposition rates included both wet and dry deposition.
Qs	Quantity of soil eaten by the animal (chicken) (kg/day)	0.022	Recommended by HHRAP (US EPA, 2005).
Cs	Average soil concentration over exposure duration (mg CoPC/kg soil)	See dust-deposition model	Refer to C_s Soil-Plant Root Zone (mg/kg)
Bs	Soil bioavailability factor (unitless)	1	Default value recommended by HHRAP (US EPA, 2005).
Ba_{egg}	CoPC biotransfer factor for eggs (day/kg FW tissue)	See model below	The highest biotransfer factor for eggs recommended by the HHRAP Database (US EPA, 2005) or published by OEHHA (2015) was conservatively selected in the HHRA. OEHHA values were adopted for arsenic, lead, mercury, nickel and dioxins and furans (value for 2,3,7,8-TCDD adopted for dioxins and furans). HHRAP Database values were adopted for chromium and PAHs. For chromium, an egg biotransfer coefficient was not available and therefore fat transfer coefficients were estimated from the beef transfer coefficient. The egg biotransfer coefficient was then estimated by using the fat transfer coefficient and assumed that eggs contain a fat content of 8% consistent with US EPA (2005) and the following equations: $Ba_{beef} = 10^{logBafat} \times 0.19$ $Ba_{egg} = 10^{logBafat} \times 0.08$

CoPC	Concentration of CoPC in Plant (mg/kg DW) (P_i)	Cs (mg/kg) - Soil-Plant Root Zone	A_{egg}	
			CoPC biotransfer factor for eggs (Ba_{egg}) (day/kg FW tissue)	Concentration of COPC in eggs (A_{egg}) (mg COPC/kg FW tissue)
arsenic	5.25E-11	1.00E-11	7.00E-02	7.50E-13
cadmium	1.50E-10	2.80E-11	1.00E-02	3.06E-13
chromium	4.81E-10	9.22E-11	2.32E-03	2.28E-13
lead	2.77E-10	5.29E-11	4.00E-02	2.26E-12
mercury	4.75E-11	8.72E-12	8.00E-01	7.75E-12
nickel	1.03E-09	1.97E-10	2.00E-02	4.21E-12
dioxins and furans as PCDD and PCDF	5.94E-16	7.35E-17	1.00E+01	1.20E-15
PAHs as benzo(a)pyrene*	2.00E-11	3.49E-13	1.58E+00	6.33E-12

Ingestion of Eggs

$$Intake\ Factor = \frac{IR \times FI \times ME \times EF \times ED}{BW \times AT}$$

$$Daily\ Intake = Aegg \times Intake\ Factor$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Intake Factor	Intake factor (kg/kg/day)	See model below		-
IR	Ingestion rate (kg/day)	0.014	0.006	enHealth (2012b). Suggested (average) values for intake of total egg. Value for >19 years adopted for an adult (14 g/day) and 2-3 years adopted for a child (6 g/day).
FI	Fraction ingested from home-grown source (unitless)	1		100% home-sourced eggs as a conservative estimate
ME	Matrix effect (unitless)	1		Assumed 100% bioavailability
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - low to medium density residential
BW	Body weight (kg)	70	15	ASC NEPM (2013) - low to medium density residential
AT	Averaging time - Non-threshold (days)	25550	25550	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (days)	10585	2190	ASC NEPM (2013) - low to medium density residential

		Adult Intake Factor (kg/kg/day)		Child Intake Factor (kg/kg/day)		Adult Daily Intake (mg/kg/day)		Child Daily Intake (mg/kg/day)	
CoPC	Concentration of COPC in eggs (A_{egg}) (mg COPC/kg FW tissue)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)
arsenic	7.50E-13	8.29E-05	2.00E-04	3.43E-05	4.00E-04	-	1.50E-16	-	3.00E-16
cadmium	3.06E-13					-	6.13E-17	-	1.23E-16
chromium	2.28E-13					-	4.55E-17	-	9.10E-17
lead	2.26E-12					-	4.52E-16	-	9.03E-16
mercury	7.75E-12					-	1.55E-15	-	3.10E-15
nickel	4.21E-12					-	8.42E-16	-	1.68E-15
dioxins and furans as PCDD and PCDF	1.20E-15					-	2.41E-19	-	4.82E-19
PAHs as benzo(a)pyrene*	6.33E-12					5.24E-16	-	2.17E-16	-

			Adult Non-Threshold Compounds (Carcinogens)	Adult Threshold Compounds (Non-carcinogens)	Child Non-Threshold Compounds (Carcinogens)	Child Threshold Compounds (Non-carcinogens)
CoPC	Oral Cancer Slope Factor (CSF) $(mg/kg/day)^{-1}$	Background Adjusted Oral Reference Dose (RfD) mg/kg/day	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Hazard Quotient (HQ)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Hazard Quotient (HQ)
arsenic	-	1.00E-03	-	1.50E-13	-	3.00E-13
cadmium	-	3.20E-04	-	1.91E-13	-	3.83E-13
chromium	-	9.00E-04	-	5.06E-14	-	1.01E-13
lead	-	3.50E-03	-	1.29E-13	-	2.58E-13
mercury	-	3.60E-04	-	4.30E-12	-	8.61E-12
nickel	-	4.80E-03	-	1.75E-13	-	3.51E-13
dioxins and furans as PCDD and PCDF	-	9.89E-10	-	2.43E-10	-	4.87E-10
PAHs as benzo(a)pyrene*	0.5	-	2.62E-16	-	1.08E-16	-
		Total	**2.62E-16**	**2.48E-10**	**1.08E-16**	**4.97E-10**

Health Risk Calculations - Ingestion of Homegrown Beef (Scenario 2)

Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd
Scenario: Ingestion of Homegrown Beef by Off-site Residents (Adult and Child)

Concentration in Beef

$$A_{beef} = [\Sigma(F_i \times Qpi \times Pi) + Qs \times Cs \times Bs] \times Ba_{beef} \times MF$$

Parameter	Description and Units	Adopted Value	Notes
A_{beef}	Concentration of CoPC in beef through ingestion of contaminated feed items (plant) and soil (mg CoPC/kg FW tissue)	See model below	Calculated using above equation.
F_i	Fraction of plant type (i) grown on contaminated soil and ingested by the animal (cattle) (unitless)	1	Recommended by HHRAP (US EPA, 2005). Assumed 100% of the plant material eaten by cattle were grown on soil contaminated by emission sources.
Qp_i	Quantity of plant type (i) eaten by the animal (cattle) per day (kg DW plant/day)	11.8	Recommended by HHRAP (US EPA, 2005). Sum of beef ingestion rates for forage (8.8 kg DW/day), silage (2.5 kg DW/day) and grain (0.47 kg DW/day).
P_i	Concentration of CoPC in each plant type (i) eaten by the animal (cattle) (mg/kg DW)	See home-grown produce model	Refer to C_p and C_{rp} (mg/kg plant - wet weight). Although C_p and C_{rp} are presented as a wet weight, this is unlikely to affected the outcome of the assessment as dust deposition rates included both wet and dry deposition.
Qs	Quantity of soil eaten by the animal (cattle) each day (kg/day)	0.5	Recommended by HHRAP (US EPA, 2005).
Cs	Average soil concentration over exposure duration (mg CoPC/kg soil)	See dust-deposition model	Refer to C_s Soil-Plant Root Zone (mg/kg)
Bs	Soil bioavailability factor (unitless)	1	Default value recommended by HHRAP (US EPA, 2005).
Ba_{beef}	CoPC biotransfer factor for beef (day/kg FW tissue)	See model below	The highest biotransfer factor for beef recommended by the HHRAP Database (US EPA, 2005) or published in RAIS (2015) was conservatively selected in the HHRA. RAIS values were adopted for all metals. HHRAP Database values were adopted for dioxins and furans (value for 2,3,7,8-TCDD adopted for dioxins and furans) and PAHs
MF	Metabolism factor (unitless)	1	Default value recommended by HHRAP (US EPA, 2005).

CoPC	Concentration of CoPC in Plant (mg/kg DW) (P_i)	Cs (mg/kg) - Soil-Plant Root Zone	CoPC biotransfer factor for beef Ba_{beef} (day/kg FW tissue)	Concentration of CoPC in beef through ingestion of contaminated feed items (plant) and soil
arsenic	5.25E-11	1.00E-11	0.002	1.25E-12
cadmium	1.50E-10	2.80E-11	0.00055	9.79E-13
chromium	4.81E-10	9.22E-11	0.0055	3.14E-11
lead	2.77E-10	5.29E-11	0.0004	1.31E-12
mercury	4.75E-11	8.72E-12	0.25	1.41E-10
nickel	1.03E-09	1.97E-10	0.006	7.34E-11
dioxins and furans as PCDD and PCDF	5.94E-16	7.35E-17	2.61	1.84E-14
PAHs as benzo(a)pyrene*	2.00E-11	3.49E-13	3.76	8.83E-10

Ingestion of Beef

$$Intake\ Factor = \frac{IR \times FI \times ME \times EF \times ED}{BW \times AT}$$

$$Daily\ Intake = Abeef \times Intake\ Factor$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Intake Factor	Intake factor (kg/kg/day)	See model below		-
IR	Ingestion rate (kg/day)	0.16	0.06	enHealth (2012b). Suggested (average) values for intake of total meat. Value for >19 years adopted for an adult (160 g/day) and 2-3 years adopted for a child (60 g/day).
FI	Fraction ingested from home-grown source (unitess)	0.01		Assumed less than 1% of beef sourced from adjacent site ingested as a conservative estimate
ME	Matrix effect (unitless)	1		Assumed 100% bioavailability
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - low to medium density residential
BW	Body weight (kg)	70	15	ASC NEPM (2013) - low to medium density residential
AT	Averaging time - Non-threshold (days)	25550	25550	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (days)	10585	2190	ASC NEPM (2013) - low to medium density residential

		Adult Intake Factor (kg/kg/day)		Child Intake Factor (kg/kg/day)		Adult Daily Intake (mg/kg/day)		Child Daily Intake (mg/kg/day)	
CoPC	Concentration of CoPC in beef through ingestion of contaminated feed items (plant) and soil A_{beef} (mg CoPC/kg FW tissue)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)
arsenic	1.25E-12	9.47E-06	2.29E-05	3.43E-06	4.00E-05	-	2.85E-17	-	4.98E-17
cadmium	9.79E-13					-	2.24E-17	-	3.92E-17
chromium	3.14E-11					-	7.18E-16	-	1.26E-15
lead	1.31E-12					-	3.00E-17	-	5.25E-17
mercury	1.41E-10					-	3.22E-15	-	5.63E-15
nickel	7.34E-11					-	1.68E-15	-	2.94E-15
dioxins and furans as PCDD and PCDF	1.84E-14					-	4.19E-19	-	7.34E-19
PAHs as benzo(a)pyrene*	8.83E-10					8.36E-15	-	3.03E-15	-

			Adult Non-Threshold Compounds (Carcinogens)	Adult Threshold Compounds (Non-carcinogens)	Child Non-Threshold Compounds (Carcinogens)	Child Threshold Compounds (Non-carcinogens)
CoPC	Oral Cancer Slope Factor (CSF) $(mg/kg/day)^{-1}$	Background Adjusted Oral Reference Dose (RfD) mg/kg/day	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Hazard Quotient (HQ)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Hazard Quotient (HQ)
arsenic	-	1.00E-03	-	2.85E-14	-	4.98E-14
cadmium	-	3.20E-04	-	6.99E-14	-	1.22E-13
chromium	-	9.00E-04	-	7.97E-13	-	1.40E-12
lead	-	3.50E-03	-	8.57E-15	-	1.50E-14
mercury	-	3.60E-04	-	8.94E-12	-	1.56E-11
nickel	-	4.80E-03	-	3.49E-13	-	6.12E-13
dioxins and furans as PCDD and PCDF	-	9.89E-10	-	4.24E-10	-	7.42E-10
PAHs as benzo(a)pyrene*	0.5	-	4.18E-15	-	1.51E-15	-
		Total	**4.18E-15**	**4.34E-10**	**1.51E-15**	**7.60E-10**

Health Risk Calculations - Ingestion of Breastmilk (Scenario 2)
Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd
Scenario: Ingestion of Breastmilk by Off-site Residents (Child)

Concentration in Breastmilk

$$C_{milk\ fat} = \frac{m \times h \times f_1}{0.693 \times f_2}$$

Parameter	Description and Units	Adopted Value	Notes
$C_{milk\ fat}$	Concentration of CoPC in milk fat (mg/kg)	See model below	-
m	Average maternal intake (mg/kg/day)	See model below	The potential maternal intake is a highly variable parameter in the above equation. It can be assumed that the calculations undertaken to calculate adult intake of each CoPC via inhalation and ingestion are relevant for a mother who may be breastfeeding an infant.
h	Half-life of chemical in body, adults (days)	See model below	Value from NHMRC (2002) for dioxins and furans. Value from HSDB online database for PAHs (current to 2010). Value from WHO (2011), NHMRC (2016) or the HSDB online database for most metals. For mercury, the biological half-life is stated to be 'many years', which was assumed to be 10 years.
f_1	Fraction of ingested chemical stored in fat (unitless)	0.9	No data is available that is specific to the fraction of organic chemicals that may be stored as fat and hence available data for dioxins has been adopted. The fraction of ingested organic chemicals which is stored as fat is recommended to be 0.9 (US EPA, 1998).
f_2	Fraction of mothers weight that is fat (unitless)	0.35	The recommended fraction of mother's body weight which is fat is 0.35 (for females in south-eastern urban areas of Australia aged 31 to 45 years (DEH, 2005)).

CoPC	Adult intake from air, soil (ingestion and dermal contact), home-grown, produce, eggs and beef (m) (mg/kg/day)	Half-life of chemical in body, adults (h) (days)	Concentration of CoPC in milk fat ($C_{milk\ fat}$) (mg/kg)
arsenic	1.45E-08	60	3.23E-06
cadmium	4.03E-08	5475	8.19E-04
chromium	1.33E-07	83.4	4.11E-05
lead	7.63E-08	10950	3.10E-03
mercury	1.25E-08	3650	1.70E-04
nickel	2.83E-07	1.8	1.89E-06
dioxins and furans as PCDD and PCDF	1.64E-13	2555	1.56E-09
PAHs as benzo(a)pyrene*	2.28E-09	5.5	4.66E-08

Daily Intake from Air

$$Intake\ Factor = \frac{InhR \times ET \times FI \times EF \times ED}{BW \times AT}$$

Parameter	Description and Units	Adopted Value (Adult)	Notes
Intake Factor	Intake factor (m^3/kg/day)	See model below	-
InhR	Inhalation Rate (m^3/hour)	1.34	Inhalation rate assuming 20 hours indoors at 1.17 m^3/hour and 4 hours outdoors at 2.2 m^3/hour.
ET	Exposure time (hours/day)	24	ASC NEPM (2013) - low to medium density residential.
FI	Fraction inhaled from contamination source (unitless)	1	Assumed intake from contamination source for the whole ET.
EF	Exposure frequency (days/year)	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	29	ASC NEPM (2013) - low to medium density residential
BW	Body weight (kg)	70	ASC NEPM (2013) - low to medium density residential
AT	Averaging time - Non-threshold (days)	25550	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (days)	10585	ASC NEPM (2013) - low to medium density residential

CoPC	Maximum GLC (mg/m^3)	Non-Threshold Slope Factor (mg/kg/day)$^{-1}$ (a)	Background Adjusted Oral Reference Dose (RfD) mg/kg/day (b)	Adult Intake Factor (m^3/kg/day)		Daily Intake from Air (mg/kg/day)
				Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	
arsenic	3.16E-08	-	1.00E-03	0.19	0.46	1.45E-08
cadmium	8.78E-08	-	3.20E-04			4.03E-08
chromium	2.89E-07	-	9.00E-04			1.33E-07
lead	1.66E-07	-	3.50E-03			7.63E-08
mercury	2.73E-08	-	3.60E-04			1.25E-08
nickel	6.17E-07	-	4.80E-03			2.83E-07
dioxins and furans as PCDD and PCDF	3.58E-13	-	9.89E-10			1.64E-13
PAHs as benzo(a)pyrene*	1.20E-08	0.5	-			2.28E-09

(a) WHO (2011) Guidelines for Drinking Water Quality. Fourth Edition. World Health Organization, Switzerland.

(b) DEH (2005) National Dioxins Program, Technical Report No. 12, Human Health Risk Assessment of Dioxins in Australia. Office of Chemical Safety, Australian Government Department of the Environment and Heritage, Canberra.

Ingestion of Breastmilk

$$Intake\ Factor = \frac{IR \times FM \times Ab \times EF \times ED}{BW \times AT}$$

$$Daily\ Intake = Cmilk_{fat} \times Intake\ Factor$$

Parameter	Description and Units	Adopted Value (Child)	Notes
Intake Factor	Intake factor (kg/kg/day)	See model below	-
IR	Ingestion rate (kg/day)	0.85	enHealth (2012b). Suggested intake of breastmilk 850 mL/day for an infant less than 6-months of age. High end range of average intake.
FM	Fraction of Fat/Lipids in Milk (unitess)	0.037	DEH (2005)
Ab	Absorption Following Ingestion (unitless)	0.9	DEH (2005)
EF	Exposure frequency (days/year)	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	0.5	Exposure time as an infant
BW	Body weight (kg)	6	Average weight of a 6-month old infant
AT	Averaging time - Non-threshold (days)	25550	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (days)	365	ASC NEPM (2013) - low to medium density residential

CoPC	Concentration of CoPC in milk fat (Cmilk fat) (mg/kg)	Child Intake Factor (kg/kg/day)		Child Daily Intake (mg/kg/day)	
		Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)
arsenic	3.23E-06	3.37E-05	2.36E-03	-	7.62E-09
cadmium	8.19E-04			-	1.93E-06
chromium	4.11E-05			-	9.69E-08
lead	3.10E-03			-	7.31E-06
mercury	1.70E-04			-	4.01E-07
nickel	1.89E-06			-	4.47E-09
dioxins and furans as PCDD and PCDF	1.56E-09			-	3.68E-12
PAHs as benzo(a)pyrene*	4.66E-08			1.57E-12	-

CoPC	Oral Cancer Slope Factor (CSF) (mg/kg/day)$^{-1}$	Background Adjusted Oral Reference Dose (RfD) mg/kg/day	Child Non-Threshold Compounds (Carcinogens)	Child Threshold Compounds (Non-carcinogens)
			Incremental Lifetime Cancer Risk (ILCR) (unitless)	Hazard Quotient (HQ)
arsenic	-	1.00E-03	-	7.62E-06
cadmium	-	3.20E-04	-	6.04E-03
chromium	-	9.00E-04	-	1.08E-04
lead	-	3.50E-03	-	2.09E-03
mercury	-	3.60E-04	-	1.11E-03
nickel	-	4.80E-03	-	9.30E-07
dioxins and furans as PCDD and PCDF	-	9.89E-10	-	3.72E-03
PAHs as benzo(a)pyrene*	0.5	-	7.85E-13	-
		Total	**7.85E-13**	**1.31E-02**

Health Risk Calculations - Cumulative Risk (Pathways Combined) for Scenario 2

Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd
Scenario: Cumulative Risk to Residents

Exposure Pathway	Threshold Compounds (Non-carcinogens) - Hazard Index (HI)		Non-Threshold Compounds (Carcinogens) - Incremental Lifetime Cancer Risk (ILCR) (unitless)
	Adult	Child	
Inhalation of Air	8.3E-02	8.3E-02	5.3E-07
Incidental Ingestion of Soil	3.8E-12	3.5E-11	2.3E-18
Dermal Contact with Soil	4.1E-13	8.1E-13	4.1E-18
Ingestion of Home-grown Produce	1.0E-09	2.3E-09	3.0E-15
Ingestion of Eggs	2.5E-10	5.0E-10	3.7E-16
Ingestion of Beef	4.3E-10	7.6E-10	5.7E-15
Total	**8.3E-02**	**8.3E-02**	**5.3E-07**

General Information:	
Site:	Regain Tomago Facility
Address:	638 Tomago Road, Tomago
Client:	Regain Services Pty Ltd
Scenario:	Direct Contact with Soil by Off-site Residents (Adult and Child) - Scenario 2

Receptor:
Residential (High Density/Minimal Soil Access)

Exposure Pathways to Include:	
Enter "x" in box by clicking the select buttons.	
Soil Pathways	
x	Incidental Ingestion of Soil
x	Dermal Contact with Soil
	Inhalation of Surface Soil-Derived Dust in Indoor Air
	Inhalation of Surface Soil-Derived Dust in Outdoor Air
	Inhalation of Surface Soil-Derived Vapours in Outdoor Air
	Inhalation of Soil-Derived Vapours From Excavation (USEPA 2002 method)
	Inhalation of Subsurface Soil-Derived Vapours in Indoor Air
	Inhalation of Subsurface Soil-Derived Vapours in Outdoor Air
	Incidental Ingestion of Lead in Soil (Adult Lead Model)
	Inhalation of Lead in Soil/Dust Indoors (Adult Lead Model)
	Inhalation of Lead in Dust Outdoors (Adult Lead Model)

Chemicals for Quantitative Assessment:	Chemical Concentrations
	Soil (mg/kg)
Arsenic, Inorganic	1.51E-10
Cadmium	4.20E-10
Chromium(VI)	1.38E-09
lead	7.93E-10
Mercury (elemental)	1.31E-10
Nickel	2.96E-09
Dioxins and Furans as PCDD and PCDF	1.10E-15
Benzo(a)pyrene	5.23E-12

Exposure Parameters:		Exposure Parameters (Adjust for site-specific conditions if required)		Reference (Refer to Exposure Parameter Table in the Report for Justification)	
		Adult	Child	Adult	Child
General receptor parameters:	**Units**				
Body weight	kg	70	15	NEPC (2013)	NEPC (2013)
Exposure duration	yr	29	6	NEPC (2013)	NEPC (2013)
Averaging time (carcinogens)	yr	70	70	NEPC (2013)	NEPC (2013)
Averaging time (non-carcinogens)	yr	29	6	NEPC (2013)	NEPC (2013)
Incidental Soil Ingestion					
Daily soil ingestion rate	mg/day	50	100	NEPC (2013)	NEPC (2013)
Exposure frequency for soil ingestion	days/yr	365	365	NEPC (2013)	NEPC (2013)
Dermal Contact With Soil					
Exposed skin surface area for soil contact	cm2	6300	2700	NEPC (2013). Assumes 31.5% of total body surface area (20,000 cm2)	NEPC (2013). Assumes 44.3% of total body surface area (6,100 cm2)
Soil to skin adherence factor	mg/cm2	0.5	0.5	NEPC (2013)	NEPC (2013)
Exposure frequency for dermal contact with soil	days/yr	365	365	NEPC (2013)	NEPC (2013)
Indoor Inhalation					
Exposure time (indoor air)	hrs/day				
Exposure frequency (indoor air)	days/yr				
Particulate emission factor (indoor air)	m3/kg				
Lung Retention Factor (dust inhalation)	unitless				
Outdoor Inhalation					
Exposure time (outdoor air)	hrs/day				
Exposure frequency (outdoor air)	days/yr				
Particulate emission factor (outdoor air)	m3/kg				
Lung Retention Factor (dust inhalation)	unitless				
Potable Water Ingestion					
Potable water intake rate	L/day				
Exposure frequency for potable water intake	days/yr				

Health Risk Calculations - Incidental Soil Ingestion

Regain Tomago Facility
638 Tomago Road, Tomago
Direct Contact with Soil by Off-site Residents (Adult and Child) - Scenario 2 Scenario

Chemical	Soil Concentration	Oral Soil Bioavailability Factor	Threshold Intake and Risk Calculations							Non-Threshold Intake and Risk Calculations					
			Oral RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)	Oral CSF	Adult Intake Factor (non-threshold)	Child Intake Factor (non-threshold)	Lifetime Intake Factor (non-threshold)	Lifetime Intake (non-threshold)	Lifetime Excess Cancer Risk
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)	(mg/kg/day)-1	(kg/kg/day)	(kg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	1.50634E-10	1.00E+00	1.00E-03	7.14E-07	1.08E-16	1.08E-13	6.67E-06	1.00E-15	1.00E-12	-	-	-	-	-	-
Cadmium	4.20341E-10	1.00E+00	3.20E-04	7.14E-07	3.00E-16	9.38E-13	6.67E-06	2.80E-15	8.76E-12	-	-	-	-	-	-
Chromium(VI)	1.38297E-09	1.00E+00	9.00E-04	7.14E-07	9.88E-16	1.10E-12	6.67E-06	9.22E-15	1.02E-11	-	-	-	-	-	-
lead	7.93341E-10	1.00E+00	3.50E-03	7.14E-07	5.67E-16	1.62E-13	6.67E-06	5.29E-15	1.51E-12	-	-	-	-	-	-
Mercury (elemental)	1.30837E-10	1.00E+00	3.60E-04	7.14E-07	9.35E-17	2.60E-13	6.67E-06	8.72E-16	2.42E-12	-	-	-	-	-	-
Nickel	2.9553E-09	1.00E+00	4.80E-03	7.14E-07	2.11E-15	4.40E-13	6.67E-06	1.97E-14	4.10E-12	-	-	-	-	-	-
Dioxins and Furans as PCDD an	1.10254E-15	1.00E+00	9.89E-10	7.14E-07	7.88E-22	7.96E-13	6.67E-06	7.35E-21	7.43E-12	-	-	-	-	-	-
Benzo(a)pyrene	5.22961E-12	1.00E+00	-	-	-	-	-	-	-	5.00E-01	2.96E-07	5.71E-07	8.67E-07	4.54E-18	2.27E-18
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL						**3.80E-12**			**3.55E-11**						**2.27E-18**

Health Risk Calculations - Dermal Contact with Soil
Regain Tomago Facility
638 Tomago Road, Tomago
Direct Contact with Soil by Off-site Residents (Adult and Child) - Scenario 2 Scenario

Chemical	Soil Concentration	Dermal Absorption Factor (DAF)	Threshold Intake and Risk Calculations							Non-Threshold Intake and Risk Calculations					
			Dermal RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)	Dermal CSF	Adult Intake Factor (non-threshold)	Child Intake Factor (non-threshold)	Lifetime Intake Factor (non-threshold)	Lifetime Intake (non-threshold)	Lifetime Excess Cancer Risk
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)	(mg/kg/day)-1	(kg/kg/day)	(kg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	1.50634E-10	0.005	1.00E-03	2.25E-07	3.39E-17	3.39E-14	4.50E-07	6.78E-17	6.78E-14	-	-	-	-	-	-
Cadmium	4.20341E-10	-	3.20E-04	-	-	-	-	-	-	-	-	-	-	-	-
Chromium(VI)	1.38297E-09	-	2.25E-05	-	-	-	-	-	-	-	-	-	-	-	-
lead	7.93341E-10	-	3.50E-03	-	-	-	-	-	-	-	-	-	-	-	-
Mercury (elemental)	1.30837E-10	0.001	2.52E-05	4.50E-08	5.89E-18	2.34E-13	9.00E-08	1.18E-17	4.67E-13	-	-	-	-	-	-
Nickel	2.9553E-09	0.005	4.80E-03	2.25E-07	6.65E-16	1.39E-13	4.50E-07	1.33E-15	2.77E-13	-	-	-	-	-	-
Dioxins and Furans as PCDD a	1.10254E-15	-	2.30E-09	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	5.22961E-12	0.06	-	-	-	-	-	-	-	5.00E-01	1.12E-06	4.63E-07	1.58E-06	8.27E-18	4.14E-18
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL						**4.06E-13**			**8.12E-13**						**4.14E-18**

Summary of Estimated Health Risks
Regain Tomago Facility
638 Tomago Road, Tomago
Direct Contact with Soil by Off-site Residents (Adult and Child) - Scenario 2 Scenario

Exposure Pathway	Threshold Risk Estimates		Non-Threshold Risk Estimates (Lifetime Exposure)
	Adult Exposure	Childhood Exposure	
SOIL EXPOSURE PATHWAYS			
Incidental Ingestion of Soil	3.8E-12	3.5E-11	2.3E-18
Dermal Contact with Soil	4.1E-13	8.1E-13	4.1E-18
Inhalation of Surface Soil-Derived Dust in Indoor Air	-	-	-
Inhalation of Surface Soil-Derived Dust in Outdoor Air	-	-	-
Inhalation of Surface Soil-Derived Vapours in Outdoor Air	-	-	-
Inhalation of Surface Soil-Derived Vapours from Excavation	-	-	-
Inhalation of Subsurface Soil-Derived Vapours in Indoor Air	-	-	-
Inhalation of Subsurface Soil-Derived Vapours in Outdoor Air	-	-	-
TOTAL	**4.2E-12**	**3.6E-11**	**6.4E-18**

Adopted Toxicity Data - Inhalation Pathway

Adopted Toxicity Data

Individual Compounds	Inhalation Unit Risk (IUR) (a) ($\mu g/m^3)^{-1}$	Source	Reference Concentration (RfC) ($\mu g/m^3$)	Source	Background Exposure Allocation (%)	Source
antimony	-	-	21	RIVM (2008). Converted from TDI of 0.006 mg/kg/day.	0%	Negligible.
arsenic	-	-	1	RIVM (2000).	0%	ASC NEPM (2013).
cadmium	-	-	0.005	WHO (2000a).	20%	ASC NEPM (2013).
chromium III	-	-	0.1	ATSDR (2008)	0%	ASC NEPM (2013). Consistent with CrVI.
chromium VI	-	-	0.1	US EPA IRIS (2015).	0%	ASC NEPM (2013).
lead	-	-	0.5	WHO (2000a).	0%	Negligible.
manganese	-	-	0.15	WHO (2000b).	20%	ASC NEPM (2013).
mercury	-	-	0.2	WHO (2003).	10%	ASC NEPM (2013).
nickel	-	-	0.02	EA (2009).	20%	ASC NEPM (2013).
Cyanide	-		0.8	USEPA (2010).	0%	ASC NEPM (2013).
dioxins and furans as PCDD and PCDF	-	-	0.00000805	DEH (2005). Converted NHMRC TMI (70 pg/kg body weight/month) to TDI (2.3×10^{-9} mg/kg/day) to RfC.	57%	DEH (2004)
PAHs as benzo(a)pyrene*	8.70E-02	WHO (2000b). TEF (1)	-	-	-	-
toluene	-	-	5000	US EPA IRIS (2015).	0%	Friebel & Nadebaum (2011).
acetone (propanone)	-	-	30900	ATSDR (1994). Converted from chronic MRL of 13 ppm.	10%	Friebel & Nadebaum (2011) (b)
benzene	6.00E-06	WHO (2010).	30	US EPA IRIS (2015).	20%	Friebel & Nadebaum (2011).
Naphthalene*	-	-	3.7	ATSDR (2005)	0%	Negligible. ATSDR (2005).

Notes
CSF - Cancer slope factor.
RfD - Reference dose.
TDI - Tolerable daily intake.
TMI - Tolerable monthly intake.
(a) Those compounds with inhalation unit risk (IUR) values were considered to be carcinogens as part of this assessment. It should be noted that some compounds were assessed as both a carcinogen and non-carcinogen e.g. benzene.
(b) In absence of compound-specific background exposure data, the background exposure for semi or volatile CoPC has been set at 10% in accordance with the total petroleum hydrocarbon (TPH) background exposure allocation adopted by CRC CARE (2011) during derivation of the Health Screening Levels (HSLs).

References
ATSDR Toxicological Profiles available at http://www.atsdr.cdc.gov/toxprofiles/index.asp.
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IRIS (2015) - Integrated Risk Information System (US EPA)
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Risk Estimate for Resident - Inhalation Pathway (Scenario 2 - Grid Max)

Health Risk Calculations - Inhalation of Vapour - Scenario 2 Grid Max

Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd
Scenario: Inhalation of Vapour by Off-site Residents (Adult and Child)

$$Exposure\ Adjusted\ Air\ Concentration\left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) \times ET\ \left(\frac{h}{d}\right) \times EF\ \left(\frac{d}{y}\right) \times ED(y)}{AT(h)}$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Cair	Chemical concentration in air (µg/m^3)	See model below		Grid maximum ground level concentration (GLC)
ET	Exposure time (hours/day)	24	24	ASC NEPM (2013) - low to medium density residential
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - low to medium density residential
AT	Averaging time - Non-threshold (hours)	613200	613200	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (hours)	254040	52560	ASC NEPM (2013) - low to medium density residential

CoPC	Grid Maximum GLC (µg/m^3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Adult				Child			
						Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)		Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)	Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
antimony	5.66E-04	21	0%	21	-	-	-	5.66E-04	2.70E-05	-	-	5.66E-04	2.70E-05
arsenic	4.17E-04	1	0%	1	-	-	-	4.17E-04	4.17E-04	-	-	4.17E-04	4.17E-04
cadmium	1.16E-03	0.005	20%	0.004	-	-	-	1.16E-03	2.90E-01	-	-	1.16E-03	2.90E-01
chromium III	3.82E-03	0.1	0%	0.1	-	-	-	3.82E-03	3.82E-02	-	-	3.82E-03	3.82E-02
lead	2.19E-03	0.5	0%	0.5	-	-	-	2.19E-03	4.38E-03	-	-	2.19E-03	4.38E-03
manganese	2.26E-02	0.15	20%	0.12	-	-	-	2.26E-02	1.88E-01	-	-	2.26E-02	1.88E-01
mercury	3.61E-04	0.2	10%	0.18	-	-	-	3.61E-04	2.01E-03	-	-	3.61E-04	2.01E-03
nickel	8.15E-03	0.02	20%	0.016	-	-	-	8.15E-03	5.09E-01	-	-	8.15E-03	5.09E-01
Cyanide	4.73E-02	0.8	0%	0.8	-	-	-	4.73E-02	5.91E-02	-	-	4.73E-02	5.91E-02
dioxins and furans as PCDD and PCDF	4.73E-09	0.00000805	57%	3.4615E-06	-	-	-	4.73E-09	1.37E-03	-	-	4.73E-09	1.37E-03
PAHs as benzo(a)pyrene*	1.59E-04	-	-	-	8.70E-02	6.58E-05	5.72E-06	-	-	1.36E-05	1.18E-06	-	-
toluene	4.94E-01	5000	0%	5000	-	-	-	4.94E-01	9.88E-05	-	-	4.94E-01	9.88E-05
acetone (propanone)	4.14E-01	30900	10%	27810	-	-	-	4.14E-01	1.49E-05	-	-	4.14E-01	1.49E-05
benzene	3.84E-02	30	20%	24	6.00E-06	1.59E-02	9.55E-08	3.84E-02	1.60E-03	3.29E-03	1.97E-08	3.84E-02	1.60E-03
Naphthalene*	2.35E-02	3.7	0%	3.7	-	-	-	2.35E-02	6.36E-03	-	-	2.35E-02	6.36E-03
						Total ILCR (Adult)	**5.82E-06**	**Hazard Index (ΣHQ) (Adult)**	**1.10E+00**	**Total ILCR (Child)**	**1.20E-06**	**Hazard Index (ΣHQ) (Child)**	**1.10E+00**

* Based on the Total PAH stack testing results collated from 2014 to 2016, the carcinogenic PAHs (Benzo(a)anthracene, Benzo(b+j)fluoranthene, Benzo(k)fluoranthene, Benzo(g,h,i)perylene, Chrysene, Dibenz(a,h)anthracene, and Indeno(1,2,3-c,d)pyrene) have been assessed as BaP, and the average percent contribution of the carcinogenic PAHs to the Total PAH is 0.67%. The remaining contribution of PAHs (99.3%) has been assessed as naphthalene. The speciated breakdowns of the Total PAH stack testing results are presented in Appendix G.

Risk Estimate for Commercial Worker - Inhalation Pathway (Scenario 2 - Grid Max)

Health Risk Calculations - Inhalation of Vapour - Scenario 2 Grid Max
Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd
Scenario: Inhalation of Vapour by Off-site Commercial Workers (Adult)

$$Exposure\ Adjusted\ Air\ Concentration\left(\frac{\mu g}{m^3}\right) = \frac{Cair\ \left(\frac{\mu g}{m^3}\right) \times ET\ \left(\frac{h}{d}\right) \times EF\ \left(\frac{d}{y}\right) \times ED(y)}{averaging\ time\ (h)}$$

Parameter	Description and Units	Adopted Value	Notes
Cair	Chemical concentration in air (µg/m^3)	See model below	Grid maximum ground level concentration (GLC)
ET	Exposure time (hours/day)	9	ASC NEPM (2013) - commercial/industrial.
EF	Exposure frequency (days/year)	240	ASC NEPM (2013) - commercial/industrial.
ED	Exposure duration (years)	30	ASC NEPM (2013) - commercial/industrial.
AT	Averaging time - Non-threshold (hours)	613200	ASC NEPM (2013) - commercial/industrial.
	Averaging time -Threshold (hours)	262800	ASC NEPM (2013) - commercial/industrial.

CoPC	Maximum Annual Average GLC (µg/m^3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Non-Threshold Compounds (Carcinogens)		Threshold Compounds (non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
antimony	5.66E-04	21	0%	21	-	-	-	1.40E-04	6.65E-06
arsenic	4.17E-04	1	0%	1	-	-	-	1.03E-04	1.03E-04
cadmium	1.16E-03	0.005	20%	0.004	-	-	-	2.86E-04	7.15E-02
chromium III	3.82E-03	0.1	0%	0.1	-	-	-	9.42E-04	9.42E-03
lead	2.19E-03	0.5	0%	0.5	-	-	-	5.40E-04	1.08E-03
manganese	2.26E-02	0.15	20%	0.12	-	-	-	5.57E-03	4.64E-02
mercury	3.61E-04	0.2	10%	0.18	-	-	-	8.90E-05	4.95E-04
nickel	8.15E-03	0.02	20%	0.016	-	-	-	2.01E-03	1.26E-01
Cyanide	4.73E-02	0.8	0%	0.8	-	-	-	1.17E-02	1.46E-02
dioxins and furans as PCDD and PCDF	4.73E-09	0.00000805	57%	3.4615E-06	-	-	-	1.17E-09	3.37E-04
PAHs as benzo(a)pyrene*	1.59E-04	-	-	-	8.70E-02	1.68E-05	1.46E-06	-	-
toluene	4.94E-01	5000	0%	5000	-	-	-	1.22E-01	2.44E-05
acetone (propanone)	4.14E-01	30900	10%	27810	-	-	-	1.02E-01	3.67E-06
benzene	3.84E-02	30	20%	24	6.00E-06	4.06E-03	2.43E-08	9.47E-03	3.95E-04
Naphthalene*	2.35E-02	3.7	0%	3.7	-	-	-	5.80E-03	1.57E-03
						Total ILCR (Adult)	**1.48E-06**	**Hazard Index (∑HQ) (Adult)**	**2.72E-01**

* Based on the Total PAH stack testing results collated from 2014 to 2016, the carcinogenic PAHs (Benzo(a)anthracene, Benzo(b+j)fluoranthene, Benzo(k)fluoranthene, Benzo(g,h,i)perylene, Chrysene, Dibenz(a,h)anthracene, and Indeno(1,2,3-c,d)pyrene) have been assessed as BaP, and the average percent contribution of the carcinogenic PAHs to the Total PAH is 0.67%. The remaining contribution of PAHs (99.3%) has been assessed as naphthalene. The speciated breakdowns of the Total PAH stack testing results are presented in Appendix G.

Risk Estimate for Recreational User - Inhalation Pathway (Scenario 2 - Grid Max)

Health Risk Calculations - Inhalation of Vapour - Scenario 2 Grid Max
Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd
Scenario: Inhalation of Vapour by Off-site Recreational Users (Adult and Child)

$$Exposure\ Adjusted\ Air\ Concentration\left(\frac{\mu g}{m^3}\right) = \frac{Cair\left(\frac{\mu g}{m^3}\right) \times ET\left(\frac{h}{d}\right) \times EF\left(\frac{d}{y}\right) \times ED(y)}{AT(h)}$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Cair	Chemical concentration in air (µg/m^3)	See model below		Grid maximum ground level concentration (GLC)
ET	Exposure time (hours/day)	2	2	ASC NEPM (2013) - recreational user
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - recreational user
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - recreational user
AT	Averaging time - Non-threshold (hours)	613200	613200	ASC NEPM (2013) - recreational user
	Averaging time -Threshold (hours)	254040	52560	ASC NEPM (2013) - recreational user

CoPC	Grid Maximum GLC (µg/m^3)	Reference Concentration (RfC) (µg/m^3)	Background Concentration (%)	Background Adjusted Reference Concentration (µg/m^3)	Inhalation Unit Risk (µg/m^3)$^{-1}$	Adult				Child			
						Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)		Non-Threshold Compounds (Carcinogens)		Threshold Compounds (Non-carcinogens)	
						Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)	Exposure Adjusted Air Concentration (µg/m^3)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Exposure Adjusted Air Concentration (µg/m^3)	Hazard Quotient (HQ)
antimony	5.66E-04	21	0%	21	-	-	-	4.72E-05	2.25E-06	-	-	4.72E-05	2.25E-06
arsenic	4.17E-04	1	0%	1	-	-	-	3.48E-05	3.48E-05	-	-	3.48E-05	3.48E-05
cadmium	1.16E-03	0.005	20%	0.004	-	-	-	9.67E-05	2.42E-02	-	-	9.67E-05	2.42E-02
chromium III	3.82E-03	0.1	0%	0.1	-	-	-	3.18E-04	3.18E-03	-	-	3.18E-04	3.18E-03
lead	2.19E-03	0.5	0%	0.5	-	-	-	1.83E-04	3.65E-04	-	-	1.83E-04	3.65E-04
manganese	2.26E-02	0.15	20%	0.12	-	-	-	1.88E-03	1.57E-02	-	-	1.88E-03	1.57E-02
mercury	3.61E-04	0.2	10%	0.18	-	-	-	3.01E-05	1.67E-04	-	-	3.01E-05	1.67E-04
nickel	8.15E-03	0.02	20%	0.016	-	-	-	6.79E-04	4.24E-02	-	-	6.79E-04	4.24E-02
Cyanide	4.73E-02	0.8	0%	0.8	-	-	-	3.94E-03	4.93E-03	-	-	3.94E-03	4.93E-03
dioxins and furans as PCDD and PCDF	4.73E-09	0.00000805	57%	0.00000346	-	-	-	3.94E-10	1.14E-04	-	-	3.94E-10	1.14E-04
PAHs as benzo(a)pyrene*	1.59E-04	-	-	-	8.70E-02	5.48E-06	4.77E-07	-	-	1.13E-06	9.87E-08	-	-
toluene	4.94E-01	5000	0%	5000	-	-	-	4.12E-02	8.23E-06	-	-	4.12E-02	8.23E-06
acetone (propanone)	4.14E-01	30900	10%	27810	-	-	-	3.45E-02	1.24E-06	-	-	3.45E-02	1.24E-06
benzene	3.84E-02	30	20%	24	6.00E-06	1.33E-03	7.95E-09	3.20E-03	1.33E-04	2.74E-04	1.65E-09	3.20E-03	1.33E-04
Naphthalene*	2.35E-02	3.7	0%	3.7	-	-	-	1.96E-03	5.30E-04	-	-	1.96E-03	5.30E-04
						Total ILCR (Adult)	**4.85E-07**	**Hazard Index (∑HQ) (Adult)**	**9.18E-02**	**Total ILCR (Child)**	**1.00E-07**	**Hazard Index (∑HQ) (Child)**	**9.18E-02**

* Based on the Total PAH stack testing results collated from 2014 to 2016, the carcinogenic PAHs (Benzo(a)anthracene, Benzo(b+j)fluoranthene, Benzo(k)fluoranthene, Benzo(g,h,i)perylene, Chrysene, Dibenz(a,h)anthracene, and Indeno(1,2,3-c,d)pyrene) have been assessed as BaP, and the average percent contribution of the carcinogenic PAHs to the Total PAH is 0.67%. The remaining contribution of PAHs (99.3%) has been assessed as naphthalene. The speciated breakdowns of the Total PAH stack testing results are presented in Appendix G.

Potential Concentration in Soils Following Dust Deposition - Scenario 2 Grid Max

Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd

Concentration in Soils

$$C_s = \frac{DR \times (1 - e^{-k \times t})}{d \times \rho \times k} \times 1000$$

Parameter	Description and Units	Adopted Value		Notes
C_s	Concentration of CoPC in soil (mg/kg)	See below		Calculated using above equation (Stevens, 1991).
DR	Particle deposition rate for accidental release (mg/m^2/year)	See below		Maximum modelled deposition rate for receptors combined.
k	Chemical-specific soil-loss constant (1/year) = ln(2)/$T^{0.5}$	See below		Calculated using equation ln(2)/$T^{0.5}$.
$T^{0.5}$	Chemical half-life in soil (years)	See below		Howard et al. (1991) for PAHs (benzo(a)pyrene) and hexachlorobenzene. NHMRC (2002) for dioxins and furans (surface soil). Conservative value adopted for heavy metals in the absense of published data.
t	Accumulation time (years)	25		Emissions may occur for the assumed lifetime of the Facility.
d	Soil mixing depth (m)	0.01	0.15	It is assumed that the soil where deposition occurs is not well mixed (as would be the case in a garden or cultivated bed), and hence the mixing depth for depositied soils and dusts has been taken to be 1cm. For the assessment of potential plant uptake, a soil mixing zone of 15cm has been assumed within the root zone of plants.
ρ	Soil bulk-density (g/m^3)	1.60E+06		Sandy soils (representative of surface soils) typically have bulk densities between 1.3 g/cm^3 to 1.7 g/cm^3 (McKenzie et al., 2004). In general, bulk densities greater than 1.6 g/cm^3 tend to restrict root growth.
1000	Conversion from g to kg	-		

CoPC	Deposition Rate (total) (mg/m^2/year)	k (1/year)	$T^{0.5}$ (years)	C_s (mg/kg) - Surface Soil	C_s (mg/kg) - Soil-Plant Root Zone
antimony		Not bioaccumulative (WHO, 2003)			
arsenic	5.43E-10	0.01	100	7.79E-10	5.19E-11
cadmium	1.51E-09	0.01	100	2.17E-09	1.44E-10
chromium (total)	4.98E-09	0.01	100	7.14E-09	4.76E-10
lead	2.85E-09	0.01	100	4.09E-09	2.73E-10
manganese		Not bioaccumulative (ATSDR, 2012)			
mercury	4.71E-10	0.01	100	6.76E-10	4.50E-11
nickel	1.06E-08	0.01	100	1.52E-08	1.01E-09
dioxins and furans as PCDD and PCDF	6.16E-15	0.05	15	5.71E-15	3.80E-16
PAHs as benzo(a)pyrene	2.06E-10	0.48	1.45	2.70E-11	1.80E-12
cyanide		Not bioaccumulative (ASTDR, 2006)			

References:

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For metals that were considered to be bioaccumulative and/or persistent, a conservative half-life value of 100 years was adopted in the absence of published data to account for the slow (or no) breakdown in the environment.

* Based on the Total PAH stack testing results collated from 2014 to 2016, the carcinogenic PAHs (Benzo(a)anthracene, Benzo(b+j)fluoranthene, Benzo(k)fluoranthene, Benzo(g,h,i)perylene, Chrysene, Dibenz(a,h)anthracene, and Indeno(1,2,3-c,d)pyrene) have been assessed as BaP, and the average percent contribution of the carcinogenic PAHs to the Total PAH is 0.67%. The remaining contribution of PAHs (99.3%) has been assessed as naphthalene. The speciated breakdowns of the Total PAH stack testing results are presented in Appendix G.

Health Risk Calculations - Ingestion of Home-grown Produce - Scenario 2 Grid Max

Site	Regain Tomago Facility
Address	638 Tomago Road, Tomago
Client	Regain Services Pty Ltd
Scenario:	Ingestion of Homegrown Produce by Off-site Residents (Adult and Child)

Concentration in Home-grown Produce

Deposited Material on Aboveground Plants

$$C_p = \frac{DR \times F \times (1-e^{-k \times t})}{Y \times k}$$

Parameter	Description and Units	Adopted Value	Notes
C_p	Concentration of CoPC in plant (mg/kg plant - wet weight)	See below	Calculated using above equation from HHRAP (Stevens, 1991).
DR	Particle deposition rate for accidental release (mg/m^2/day)	See below	Maximum modelled deposition rate for receptors combined.
F	Fraction for the surface area of plant (unitless)	0.051	For leafy aboveground crops, the surface area fraction (or plant interception fraction - how much of the depositing material remains on the plant) is estimated to be 0.051 (Stevens, 1991).
k	Chemical-specific loss constant for particles on plants (1/days) = ln(2)/T$^{0.5}$	See below	Calculated using equation ln(2)/T$^{0.5}$.
T$^{0.5}$	Chemical half-life on plant (days)	14	Weathering of particulates on plant surfaces does occur and in the absence of measured data, it is generally assumed that organics deposited onto the outer portion of plant surfaces have a weathering half-life of 14 days (Stevens, 1991). Conservative value adopted for heavy metals in the absense of published data.
t	Deposition time or length of growing season (days)	70	The growing season for typical aboveground plants varies, however it may be up to 70 days (i.e. tomatoes), which has been used in the calculation on concentrations during normal operations.
Y	Crop yield (kg/m^2)	2	Given that the residential areas surrounding the Site are typically urban low-density residential properties, the types of edible plant expected to be grown on the properties include tomatoes and beans. Corn, hay and wheat are not expected to be grown for human consumption in significant quantities in the area. For typical crops grown aboveground an average crop yield of 2 kg/m^2 has been adopted.

CoPC	DR (mg/m^2/day)	k (1/days)	C_p (mg/kg plant - wet weight)
arsenic	5.43E-10	4.95E-02	2.71E-10
cadmium	1.51E-09	4.95E-02	7.53E-10
chromium (total)	4.98E-09	4.95E-02	2.48E-09
lead	2.85E-09	4.95E-02	1.42E-09
mercury	4.71E-10	4.95E-02	2.35E-10
nickel	1.06E-08	4.95E-02	5.29E-09
dioxins and furans as PCDD and PCDF	6.16E-15	4.95E-02	3.07E-15
PAHs as benzo(a)pyrene	2.06E-10	4.95E-02	1.03E-10

Uptake of Chemicals via Roots

$$C_{rp} = C_s \times RUF$$

Parameter	Description and Units	Adopted Value	Notes
C_{rp}	Concentration of persistent CoPC in root of plant (mg/kg plant - wet weight)	See below	Calculated using above equation (US EPA, 2005).
C_s	Concentration of persistent CoPC in soil assuming 15 cm mixing depth within gardens (mg/kg)	See below	Refer to Dust Deposition Model.
RUF	Root uptake factor (unitless)	See below	RAIS (Accessed 2018). Soil to wet plant uptake factor adopted. Value for 2,3,7,8-TCDD conservatively selected for dioxins and furans.

CoPC	Cs (mg/kg) - Soil-Plant Root Zone	RUF (unitless)	C_{rp} (mg/kg plant - wet weight)
arsenic	5.19E-11	1.00E-02	5.19E-13
cadmium	1.44E-10	1.38E-01	1.99E-11
chromium (total)	4.76E-10	1.87E-03	8.91E-13
lead	2.73E-10	1.12E-02	3.05E-12
mercury	4.50E-11	2.25E-01	1.01E-11
nickel	1.01E-09	1.50E-02	1.52E-11
dioxins and furans as PCDD and PCDF	3.80E-16	8.76E-04	3.33E-19
PAHs as benzo(a)pyrene	1.80E-12	2.14E-03	3.85E-15

Soil bulk density (g/cm^3)	1.63	Assumed for typical soil in root zone
Soil-water content by volume (cm^3/cm^3)	0.13	Assumed for typical soil in root zone
Fraction organic carbon (foc)	2%	ASC NEPM (2013)
Fraction tnat is home-grown	10%	ASC NEPM (2013) - HIL A

CoPC		Chemical Properties of Organics (as per RAIS 2018)					Intermediate Calculations for Organics					
		Koc (cm^3/g)	Log Kow	Kow	Dw (m^2/s)	Dw (cm^2/s)	K_{ch} (cm^3/g)	K_{pw} (cm^3/g)	k_2 (per hour)	k_1 (per hour)	K_{wood} (mg/g dw wood per mg/cm^3 water)	C_{stem} (mg/g)
dioxins and furans as PCDD and PCDF		6.5	6.80E+00	6.31E+06	6.76E-10	6.76E-06	3	2.11E+02	9.54E-05	1.55E-01	4.03E+00	389166.1422
PAHs as benzo(a)pyrene		587000	6.13E+00	1.35E+06	9.00E-10	0.000009	3	6.55E+01	4.11E-04	2.29E-06	3.60E+00	0.018998604

Ingestion of Home-grown Produce

Percentage of Fruit and Vegatable per produce group (Table 7, Schedule B7, ASC NEPM (2013)).

Produce Group	Adults (%)	Adult Consumption Rate (g/day)	Portion of Aboveground Plants (Green Vegetables and Tree Fruit)	Portion of Root Plants (Root Vegetables and Tuber Vegetables)	Children (%)	Child Consumption Rate (g/day)	Portion of Aboveground Plants (Green Vegetables and Tree Fruit)	Portion of Root Plants (Root Vegetables and Tuber Vegetables)
Green Vegetables	59	153.4	0.73	0.27	55	55	0.84	0.16
Root Vegetables	18	46.8			17	17		
Tuber Vegetables	23	59.8			28	28		
Tree Fruit	100	140			100	180		
Total Consumption		**400**				**280**		

$$Intake\ Factor = \frac{IR \times FI \times ME \times EF \times ED}{BW \times AT}$$

$$Daily\ Intake = Concentration\ in\ Produce \times Intake\ Factor$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Intake Factor	Intake factor (kg/kg/day)	See model below		-
IR	Ingestion rate (kg/day)	0.469	0.202	
FI	Fraction ingested from a home-grown source (FI)	0.1		10% from home-grown source, as per ASC NEPM (2013) - low to medium density residential
ME	Matrix Effect (unitless)	1		Assumed to be 100% bioavailable
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - low to medium density residential
BW	Body weight (kg)	70	15	ASC NEPM (2013) - low to medium density residential
AT	Averaging time - Non-threshold (days)	25550	25550	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (days)	10585	2190	ASC NEPM (2013) - low to medium density residential

CoPC	Adult Concentration in Produce (wet weight, mg/kg) (a)	Child Concentration in Produce (wet weight, mg/kg) (a)	Adult Intake Factor (kg/kg/day)		Child Intake Factor (kg/kg/day)		Adult Daily Intake from Produce (mg/kg/day)		Child Daily Intake from Produce (mg/kg/day)	
			Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)
arsenic	1.99E-10	2.27E-10	2.78E-04	6.70E-04	1.15E-04	1.35E-03	-	1.33E-13	-	3.06E-13
cadmium	5.58E-10	6.36E-10					-	3.74E-13	-	8.56E-13
chromium (total)	1.82E-09	2.09E-09					-	1.22E-12	-	2.81E-12
lead	1.04E-09	1.19E-09					-	6.99E-13	-	1.61E-12
mercury	1.75E-10	1.99E-10					-	1.17E-13	-	2.68E-13
nickel	3.88E-09	4.44E-09					-	2.60E-12	-	5.98E-12
dioxins and furans as PCDD and PCDF	2.25E-15	2.58E-15					-	1.51E-18	-	3.47E-18
PAHs as benzo(a)pyrene	7.55E-11	8.64E-11					2.10E-14	-	9.97E-15	-

(a) Calculated based on portions of aboveground and root plants as presented above.

CoPC	Oral Cancer Slope Factor (CSF) $(mg/kg/day)^{-1}$	Background Adjusted Oral Reference Dose (RfD) mg/kg/day	Adult Non-Threshold Compounds (Carcinogens)	Adult Threshold Compounds (Non-carcinogens)	Child Non-Threshold Compounds (Carcinogens)	Child Threshold Compounds (Non-carcinogens)
			Incremental Lifetime Cancer Risk (ILCR) (unitless)	Hazard Quotient (HQ)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Hazard Quotient (HQ)
arsenic	-	1.00E-03	-	1.33E-10	-	3.06E-10
cadmium	-	3.20E-04	-	1.17E-09	-	2.67E-09
chromium (total)	-	9.00E-04	-	1.36E-09	-	3.12E-09
lead	-	3.50E-03	-	2.00E-10	-	4.59E-10
mercury	-	3.60E-04	-	3.26E-10	-	7.44E-10
nickel	-	4.80E-03	-	5.42E-10	-	1.25E-09
dioxins and furans as PCDD and PCDF	-	9.89E-10	-	1.53E-09	-	3.51E-09
PAHs as benzo(a)pyrene	0.5	-	1.05E-14	-	4.99E-15	-
		Total	**1.05E-14**	**5.25E-09**	**4.99E-15**	**1.21E-08**

Health Risk Calculations - Ingestion of Poultry and Eggs - Scenario 2 Grid Max

Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd
Scenario: Ingestion of Poultry and Eggs by Off-site Residents (Adult and Child)

Concentration in Eggs

$$A_{egg} = [\Sigma(F_i \times Qpi \times Pi) + Qs \times Cs \times Bs] \times (Ba_{egg})$$

Parameter	Description and Units	Adopted Value	Notes
A_{egg}	Concentration of COPC in eggs (mg COPC/kg FW tissue)	See model below	Calculated using above equation.
F_i	Fraction of plant type (i) (grain) grown on contaminated soil and ingested by the animal (chicken) (unitless)	1	Recommended by HHRAP (US EPA, 2005). Assumed 100% of the plant material eaten by chickens were grown on soil contaminated by emission sources.
Qp_i	Quantity of plant type (i) (grain) eaten by the animal (chicken) each day (kg DW plant/day)	0.2	Recommended by HHRAP (US EPA, 2005). Estimated for grain feed only.
P_i	Concentration of CoPC in plant type (i) (grain) eaten by the animal (chicken) (mg/kg DW)	See home-grown produce model	Refer to C_p and C_{rp} (mg/kg plant - wet weight). Although C_p and C_{rp} are presented as a wet weight, this is unlikely to affected the outcome of the assessment as dust deposition rates included both wet and dry deposition.
Qs	Quantity of soil eaten by the animal (chicken) (kg/day)	0.022	Recommended by HHRAP (US EPA, 2005).
Cs	Average soil concentration over exposure duration (mg CoPC/kg soil)	See dust-deposition model	Refer to C_s Soil-Plant Root Zone (mg/kg)
Bs	Soil bioavailability factor (unitless)	1	Default value recommended by HHRAP (US EPA, 2005).
Ba_{egg}	CoPC biotransfer factor for eggs (day/kg FW tissue)	See model below	The highest biotransfer factor for eggs recommended by the HHRAP Database (US EPA, 2005) or published by OEHHA (2015) was conservatively selected in the HHRA. OEHHA values were adopted for arsenic, lead, mercury, nickel and dioxins and furans (value for 2,3,7,8-TCDD adopted for dioxins and furans). HHRAP Database values were adopted for chromium and PAHs. For chromium, an egg biotransfer coefficient was not available and therefore fat transfer coefficients were estimated from the beef transfer coefficient. The egg biotransfer coefficient was then estimated by using the fat transfer coefficient and assumed that eggs contain a fat content of 8% consistent with US EPA (2005) and the following equations: $Ba_{beef} = 10^{logBafat} \times 0.19$ $Ba_{egg} = 10^{logBafat} \times 0.08$

CoPC	Concentration of CoPC in Plant (mg/kg DW) (P_i)	Cs (mg/kg) - Soil-Plant Root Zone	A_{egg}	
			CoPC biotransfer factor for eggs (Ba_{egg}) (day/kg FW tissue)	Concentration of COPC in eggs (A_{egg}) (mg COPC/kg FW tissue)
arsenic	2.71E-10	5.19E-11	7.00E-02	3.88E-12
cadmium	7.73E-10	1.44E-10	1.00E-02	1.58E-12
chromium (total)	2.49E-09	4.76E-10	2.32E-03	1.18E-12
lead	1.43E-09	2.73E-10	4.00E-02	1.16E-11
mercury	2.45E-10	4.50E-11	8.00E-01	4.00E-11
nickel	5.30E-09	1.01E-09	2.00E-02	2.17E-11
dioxins and furans as PCDD and PCDF	3.07E-15	3.80E-16	1.00E+01	6.23E-15
PAHs as benzo(a)pyrene	1.03E-10	1.80E-12	1.58E+00	3.26E-11

Ingestion of Eggs

$$Intake\ Factor = \frac{IR \times FI \times ME \times EF \times ED}{BW \times AT}$$

$$Daily\ Intake = Aegg \times Intake\ Factor$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Intake Factor	Intake factor (kg/kg/day)	See model below		-
IR	Ingestion rate (kg/day)	0.014	0.006	enHealth (2012b). Suggested (average) values for intake of total egg. Value for >19 years adopted for an adult (14 g/day) and 2-3 years adopted for a child (6 g/day).
FI	Fraction ingested from home-grown source (unitless)	1		100% home-sourced eggs as a conservative estimate
ME	Matrix effect (unitless)	1		Assumed 100% bioavailability
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - low to medium density residential
BW	Body weight (kg)	70	15	ASC NEPM (2013) - low to medium density residential
AT	Averaging time - Non-threshold (days)	25550	25550	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (days)	10585	2190	ASC NEPM (2013) - low to medium density residential

		Adult Intake Factor (kg/kg/day)		Child Intake Factor (kg/kg/day)		Adult Daily Intake (mg/kg/day)		Child Daily Intake (mg/kg/day)	
CoPC	Concentration of COPC in eggs (A_{egg}) (mg COPC/kg FW tissue)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)
arsenic	3.88E-12	8.29E-05	2.00E-04	3.43E-05	4.00E-04	-	7.76E-16	-	1.55E-15
cadmium	1.58E-12					-	3.16E-16	-	6.31E-16
chromium (total)	1.18E-12					-	2.35E-16	-	4.70E-16
lead	1.16E-11					-	2.33E-15	-	4.66E-15
mercury	4.00E-11					-	8.00E-15	-	1.60E-14
nickel	2.17E-11					-	4.33E-15	-	8.66E-15
dioxins and furans as PCDD and PCDF	6.23E-15					-	1.25E-18	-	2.49E-18
PAHs as benzo(a)pyrene	3.26E-11					2.70E-15	-	1.12E-15	-

			Adult Non-Threshold Compounds (Carcinogens)	Adult Threshold Compounds (Non-carcinogens)	Child Non-Threshold Compounds (Carcinogens)	Child Threshold Compounds (Non-carcinogens)
CoPC	Oral Cancer Slope Factor (CSF) $(mg/kg/day)^{-1}$	Background Adjusted Oral Reference Dose (RfD) mg/kg/day	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Hazard Quotient (HQ)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Hazard Quotient (HQ)
arsenic	-	1.00E-03	-	7.76E-13	-	1.55E-12
cadmium	-	3.20E-04	-	9.87E-13	-	1.97E-12
chromium (total)	-	9.00E-04	-	2.61E-13	-	5.22E-13
lead	-	3.50E-03	-	6.65E-13	-	1.33E-12
mercury	-	3.60E-04	-	2.22E-11	-	4.45E-11
nickel	-	4.80E-03	-	9.03E-13	-	1.81E-12
dioxins and furans as PCDD and PCDF	-	9.89E-10	-	1.26E-09	-	2.52E-09
PAHs as benzo(a)pyrene	0.5	-	1.35E-15	-	5.59E-16	-
		Total	**1.35E-15**	**1.29E-09**	**5.59E-16**	**2.57E-09**

Health Risk Calculations - Ingestion of Homegrown Beef - Scenario 2 Grid Max

Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd
Scenario: Ingestion of Homegrown Beef by Off-site Residents (Adult and Child)

Concentration in Beef

$$A_{beef} = [\Sigma(F_i \times Qpi \times Pi) + Qs \times Cs \times Bs] \times Ba_{beef} \times MF$$

Parameter	Description and Units	Adopted Value	Notes
A_{beef}	Concentration of CoPC in beef through ingestion of contaminated feed items (plant) and soil (mg CoPC/kg FW tissue)	See model below	Calculated using above equation.
F_i	Fraction of plant type (i) grown on contaminated soil and ingested by the animal (cattle) (unitless)	1	Recommended by HHRAP (US EPA, 2005). Assumed 100% of the plant material eaten by cattle were grown on soil contaminated by emission sources.
Qp_i	Quantity of plant type (i) eaten by the animal (cattle) per day (kg DW plant/day)	11.8	Recommended by HHRAP (US EPA, 2005). Sum of beef ingestion rates for forage (8.8 kg DW/day), silage (2.5 kg DW/day) and grain (0.47 kg DW/day).
P_i	Concentration of CoPC in each plant type (i) eaten by the animal (cattle) (mg/kg DW)	See home-grown produce model	Refer to C_p and C_{rp} (mg/kg plant - wet weight). Although C_p and C_{rp} are presented as a wet weight, this is unlikely to affected the outcome of the assessment
Qs	Quantity of soil eaten by the animal (cattle) each day (kg/day)	0.5	Recommended by HHRAP (US EPA, 2005).
Cs	Average soil concentration over exposure duration (mg CoPC/kg soil)	See dust-deposition model	Refer to C_s Soil-Plant Root Zone (mg/kg)
Bs	Soil bioavailability factor (unitless)	1	Default value recommended by HHRAP (US EPA, 2005).
Ba_{beef}	CoPC biotransfer factor for beef (day/kg FW tissue)	See model below	The highest biotransfer factor for beef recommended by the HHRAP Database (US EPA, 2005) or published in RAIS (2015) was conservatively selected in the HHRA. RAIS values were adopted for all metals. HHRAP Database values were adopted for dioxins and furans (value for 2,3,7,8-TCDD adopted for dioxins and furans) and PAHs
MF	Metabolism factor (unitless)	1	Default value recommended by HHRAP (US EPA, 2005).

CoPC	Concentration of CoPC in Plant (mg/kg DW) (P_i)	Cs (mg/kg) - Soil-Plant Root Zone	CoPC biotransfer factor for beef Ba_{beef} (day/kg FW tissue)	Concentration of CoPC in beef through ingestion of contaminated feed items (plant) and soil
arsenic	2.71E-10	5.19E-11	0.002	6.44E-12
cadmium	7.73E-10	1.44E-10	0.00055	5.05E-12
chromium (total)	2.49E-09	4.76E-10	0.0055	1.62E-10
lead	1.43E-09	2.73E-10	0.0004	6.76E-12
mercury	2.45E-10	4.50E-11	0.25	7.27E-10
nickel	5.30E-09	1.01E-09	0.006	3.78E-10
dioxins and furans as PCDD and PCDF	3.07E-15	3.80E-16	2.61	9.50E-14
PAHs as benzo(a)pyrene	1.03E-10	1.80E-12	3.76	4.56E-09

Ingestion of Beef

$$Intake\ Factor = \frac{IR \times FI \times ME \times EF \times ED}{BW \times AT}$$

$$Daily\ Intake = Abeef \times Intake\ Factor$$

Parameter	Description and Units	Adopted Value		Notes
		Adult	Child	
Intake Factor	Intake factor (kg/kg/day)	See model below		-
IR	Ingestion rate (kg/day)	0.16	0.06	enHealth (2012b). Suggested (average) values for intake of total meat. Value for >19 years adopted for an adult (160 g/day) and 2-3 years adopted for a child (60 g/day).
FI	Fraction ingested from home-grown source (unitess)	0.01		Assumed less than 1% of beef sourced from adjacent site ingested as a conservative estimate
ME	Matrix effect (unitless)	1		Assumed 100% bioavailability
EF	Exposure frequency (days/year)	365	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	29	6	ASC NEPM (2013) - low to medium density residential
BW	Body weight (kg)	70	15	ASC NEPM (2013) - low to medium density residential
AT	Averaging time - Non-threshold (days)	25550	25550	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (days)	10585	2190	ASC NEPM (2013) - low to medium density residential

		Adult Intake Factor (kg/kg/day)		Child Intake Factor (kg/kg/day)		Adult Daily Intake (mg/kg/day)		Child Daily Intake (mg/kg/day)	
CoPC	Concentration of CoPC in beef through ingestion of contaminated feed items (plant) and soil A_{beef} (mg CoPC/kg FW tissue)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)
arsenic	6.44E-12	9.47E-06	2.29E-05	3.43E-06	4.00E-05	-	1.47E-16	-	2.58E-16
cadmium	5.05E-12					-	1.15E-16	-	2.02E-16
chromium (total)	1.62E-10					-	3.71E-15	-	6.49E-15
lead	6.76E-12					-	1.55E-16	-	2.71E-16
mercury	7.27E-10					-	1.66E-14	-	2.91E-14
nickel	3.78E-10					-	8.63E-15	-	1.51E-14
dioxins and furans as PCDD and PCDF	9.50E-14					-	2.17E-18	-	3.80E-18
PAHs as benzo(a)pyrene	4.56E-09					4.31E-14	-	1.56E-14	-

			Adult Non-Threshold Compounds (Carcinogens)	Adult Threshold Compounds (Non-carcinogens)	Child Non-Threshold Compounds (Carcinogens)	Child Threshold Compounds (Non-carcinogens)
CoPC	Oral Cancer Slope Factor (CSF) $(mg/kg/day)^{-1}$	Background Adjusted Oral Reference Dose (RfD) mg/kg/day	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Hazard Quotient (HQ)	Incremental Lifetime Cancer Risk (ILCR) (unitless)	Hazard Quotient (HQ)
arsenic	-	1.00E-03	-	1.47E-13	-	2.58E-13
cadmium	-	3.20E-04	-	3.60E-13	-	6.31E-13
chromium (total)	-	9.00E-04	-	4.12E-12	-	7.21E-12
lead	-	3.50E-03	-	4.42E-14	-	7.73E-14
mercury	-	3.60E-04	-	4.62E-11	-	8.08E-11
nickel	-	4.80E-03	-	1.80E-12	-	3.15E-12
dioxins and furans as PCDD and PCDF	-	9.89E-10	-	2.20E-09	-	3.84E-09
PAHs as benzo(a)pyrene	0.5	-	2.16E-14	-	7.81E-15	-
		Total	**2.16E-14**	**2.25E-09**	**7.81E-15**	**3.93E-09**

Health Risk Calculations - Ingestion of Breastmilk - Scenario 2 Grid Max

Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd
Scenario: Ingestion of Breastmilk by Off-site Residents (Child)

Concentration in Breastmilk

$$C_{milk\ fat} = \frac{m \times h \times f_1}{0.693 \times f_2}$$

Parameter	Description and Units	Adopted Value	Notes
$C_{milk\ fat}$	Concentration of CoPC in milk fat (mg/kg)	See model below	-
m	Average maternal intake (mg/kg/day)	See model below	The potential maternal intake is a highly variable parameter in the above equation. It can be assumed that the calculations undertaken to calculate adult intake of each CoPC via inhalation and ingestion are relevant for a mother who may be breastfeeding an infant.
h	Half-life of chemical in body, adults (days)	See model below	Value from NHMRC (2002) for dioxins and furans. Value from HSDB online database for PAHs (current to 2010). Value from WHO (2011), NHMRC (2016) or the HSDB online database for most metals. For mercury, the biological half-life is stated to be 'many years', which was assumed to be 10 years.
f_1	Fraction of ingested chemical stored in fat (unitless)	0.9	No data is available that is specific to the fraction of organic chemicals that may be stored as fat and hence available data for dioxins has been adopted. The fraction of ingested organic chemicals which is stored as fat is recommended to be 0.9 (US EPA, 1998).
f_2	Fraction of mothers weight that is fat (unitless)	0.35	The recommended fraction of mother's body weight which is fat is 0.35 (for females in south-eastern urban areas of Australia aged 31 to 45 years (DEH, 2005)).

CoPC	Adult intake from air, soil (ingestion and dermal contact), home-grown, produce, eggs and beef (m) (mg/kg/day)	Half-life of chemical in body, adults (h) (days)	Concentration of CoPC in milk fat ($C_{milk\ fat}$) (mg/kg)
arsenic	1.92E-07	60	4.27E-05
cadmium	5.33E-07	5475	1.08E-02
chromium (total)	1.76E-06	83.4	5.43E-04
lead	1.01E-06	10950	4.09E-02
mercury	1.66E-07	3650	2.25E-03
nickel	3.74E-06	1.8	2.50E-05
dioxins and furans as PCDD and PCDF	2.17E-12	2555	2.06E-08
PAHs as benzo(a)pyrene	3.02E-08	5.5	6.17E-07

Daily Intake from Air

$$Intake\ Factor = \frac{InhR \times ET \times FI \times EF \times ED}{BW \times AT}$$

Parameter	Description and Units	Adopted Value (Adult)	Notes
Intake Factor	Intake factor (m^3/kg/day)	See model below	-
InhR	Inhalation Rate (m^3/hour)	1.34	Inhalation rate assuming 20 hours indoors at 1.17 m^3/hour and 4 hours outdoors at 2.2 m^3/hour.
ET	Exposure time (hours/day)	24	ASC NEPM (2013) - low to medium density residential.
FI	Fraction inhaled from contamination source (unitless)	1	Assumed intake from contamination source for the whole ET.
EF	Exposure frequency (days/year)	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	29	ASC NEPM (2013) - low to medium density residential
BW	Body weight (kg)	70	ASC NEPM (2013) - low to medium density residential
AT	Averaging time - Non-threshold (days)	25550	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (days)	10585	ASC NEPM (2013) - low to medium density residential

CoPC	Grid Maximum GLC (mg/m^3)	Non-Threshold Slope Factor $(mg/kg/day)^{-1}$ (a)	Background Adjusted Oral Reference Dose (RfD) mg/kg/day (b)	Adult Intake Factor (m^3/kg/day)		Daily Intake from Air (mg/kg/day)
				Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	
arsenic	4.17E-07	-	1.00E-03	0.19	0.46	1.92E-07
cadmium	1.16E-06	-	3.20E-04			5.33E-07
chromium (total)	3.82E-06	-	9.00E-04			1.76E-06
lead	2.19E-06	-	3.50E-03			1.01E-06
mercury	3.61E-07	-	3.60E-04			1.66E-07
nickel	8.15E-06	-	4.80E-03			3.74E-06
dioxins and furans as PCDD and PCDF	4.73E-12	-	9.89E-10			2.17E-12
PAHs as benzo(a)pyrene	1.59E-07	0.5	-			3.02E-08

(a) WHO (2011) Guidelines for Drinking Water Quality. Fourth Edition. World Health Organization, Switzerland.

(b) DEH (2005) National Dioxins Program, Technical Report No. 12, Human Health Risk Assessment of Dioxins in Australia. Office of Chemical Safety, Australian Government Department of the Environment and Heritage, Canberra.

Ingestion of Breastmilk

$$Intake\ Factor = \frac{IR \times FM \times Ab \times EF \times ED}{BW \times AT}$$

$$Daily\ Intake = Cmilk_{fat} \times Intake\ Factor$$

Parameter	Description and Units	Adopted Value (Child)	Notes
Intake Factor	Intake factor (kg/kg/day)	See model below	-
IR	Ingestion rate (kg/day)	0.85	enHealth (2012b). Suggested intake of breastmilk 850 mL/day for an infant less than 6-months of age. High end range of average intake.
FM	Fraction of Fat/Lipids in Milk (unitess)	0.037	DEH (2005)
Ab	Absorption Following Ingestion (unitless)	0.9	DEH (2005)
EF	Exposure frequency (days/year)	365	ASC NEPM (2013) - low to medium density residential
ED	Exposure duration (years)	0.5	Exposure time as an infant
BW	Body weight (kg)	6	Average weight of a 6-month old infant
AT	Averaging time - Non-threshold (days)	25550	ASC NEPM (2013) - low to medium density residential
	Averaging time -Threshold (days)	365	ASC NEPM (2013) - low to medium density residential

CoPC	Concentration of CoPC in milk fat (Cmilk fat) (mg/kg)	Child Intake Factor (kg/kg/day)		Child Daily Intake (mg/kg/day)	
		Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)	Non-Threshold Compounds (Carcinogens)	Threshold Compounds (Non-carcinogens)
arsenic	4.27E-05	3.37E-05	2.36E-03	-	1.01E-07
cadmium	1.08E-02			-	2.55E-05
chromium (total)	5.43E-04			-	1.28E-06
lead	4.09E-02			-	9.64E-05
mercury	2.25E-03			-	5.30E-06
nickel	2.50E-05			-	5.90E-08
dioxins and furans as PCDD and PCDF	2.06E-08			-	4.86E-11
PAHs as benzo(a)pyrene	6.17E-07			2.08E-11	-

CoPC	Oral Cancer Slope Factor (CSF) (mg/kg/day)$^{-1}$	Background Adjusted Oral Reference Dose (RfD) mg/kg/day	Child Non-Threshold Compounds (Carcinogens)	Child Threshold Compounds (Non-carcinogens)
			Incremental Lifetime Cancer Risk (ILCR) (unitless)	Hazard Quotient (HQ)
arsenic	-	1.00E-03	-	1.01E-04
cadmium	-	3.20E-04	-	7.98E-02
chromium (total)	-	9.00E-04	-	1.42E-03
lead	-	3.50E-03	-	2.76E-02
mercury	-	3.60E-04	-	1.47E-02
nickel	-	4.80E-03	-	1.23E-05
dioxins and furans as PCDD and PCDF	-	9.89E-10	-	4.91E-02
PAHs as benzo(a)pyrene	0.5	-	1.04E-11	-
		Total	**1.0E-11**	**1.7E-01**

Health Risk Calculations - Cumulative Risk (Pathways Combined) - Scenario 2 Grid Max

Site Regain Tomago Facility
Address 638 Tomago Road, Tomago
Client Regain Services Pty Ltd
Scenario: Cumulative Risk to Residents

Exposure Pathway	Threshold Compounds (Non-carcinogens) - Hazard Index (HI)		Non-Threshold Compounds (Carcinogens) - Incremental Lifetime Cancer Risk (ILCR) (unitless)
	Adult	Child	
Inhalation of Air	1.1E+00	1.1E+00	7.0E-06
Incidental Ingestion of Soil	2.0E-11	1.8E-10	1.2E-17
Dermal Contact with Soil	2.1E-12	4.2E-12	2.1E-17
Ingestion of Home-grown Produce	5.3E-09	1.2E-08	1.5E-14
Ingestion of Eggs	1.3E-09	2.6E-09	1.9E-15
Ingestion of Beef	2.2E-09	3.9E-09	2.9E-14
Total	**1.1E+00**	**1.1E+00**	**7.0E-06**

General Information:	
Site:	Regain Tomago Facility
Address:	638 Tomago Road, Tomago
Client:	Regain Services Pty Ltd
Scenario:	Direct Contact with Soil by Off-site Residents (Adult and Child) - Scenario 2 Grid Max

Receptor:
Residential (High Density/Minimal Soil Access)

Exposure Pathways to Include:	
Enter "x" in box by clicking the select buttons.	
Soil Pathways	
x	Incidental Ingestion of Soil
x	Dermal Contact with Soil
	Inhalation of Surface Soil-Derived Dust in Indoor Air
	Inhalation of Surface Soil-Derived Dust in Outdoor Air
	Inhalation of Surface Soil-Derived Vapours in Outdoor Air
	Inhalation of Soil-Derived Vapours From Excavation (USEPA 2002 method)
	Inhalation of Subsurface Soil-Derived Vapours in Indoor Air
	Inhalation of Subsurface Soil-Derived Vapours in Outdoor Air
	Incidental Ingestion of Lead in Soil (Adult Lead Model)
	Inhalation of Lead in Soil/Dust Indoors (Adult Lead Model)
	Inhalation of Lead in Dust Outdoors (Adult Lead Model)

Chemicals for Quantitative Assessment:	Chemical Concentrations
	Soil (mg/kg)
Arsenic, Inorganic	7.79E-10
Cadmium	2.17E-09
Chromium(VI)	7.14E-09
lead	4.09E-09
Mercury (elemental)	6.76E-10
Nickel	1.52E-08
Dioxins and Furans as PCDD and PCDF	5.71E-15
Benzo(a)pyrene	2.70E-11

Exposure Parameters:		Exposure Parameters (Adjust for site-specific conditions if required)		Reference (Refer to Exposure Parameter Table in the Report for Justification)	
		Adult	Child	Adult	Child
General receptor parameters:	**Units**				
Body weight	kg	70	15	NEPC (2013)	NEPC (2013)
Exposure duration	yr	29	6	NEPC (2013)	NEPC (2013)
Averaging time (carcinogens)	yr	70	70	NEPC (2013)	NEPC (2013)
Averaging time (non-carcinogens)	yr	29	6	NEPC (2013)	NEPC (2013)
Incidental Soil Ingestion					
Daily soil ingestion rate	mg/day	50	100	NEPC (2013)	NEPC (2013)
Exposure frequency for soil ingestion	days/yr	365	365	NEPC (2013)	NEPC (2013)
Dermal Contact With Soil					
Exposed skin surface area for soil contact	cm2	6300	2700	NEPC (2013). Assumes 31.5% of total body surface area (20,000 cm2)	NEPC (2013). Assumes 44.3% of total body surface area (6,100 cm2)
Soil to skin adherence factor	mg/cm2	0.5	0.5	NEPC (2013)	NEPC (2013)
Exposure frequency for dermal contact with soil	days/yr	365	365	NEPC (2013)	NEPC (2013)
Indoor Inhalation					
Exposure time (indoor air)	hrs/day				
Exposure frequency (indoor air)	days/yr				
Particulate emission factor (indoor air)	m3/kg				
Lung Retention Factor (dust inhalation)	unitless				
Outdoor Inhalation					
Exposure time (outdoor air)	hrs/day				
Exposure frequency (outdoor air)	days/yr				
Particulate emission factor (outdoor air)	m3/kg				
Lung Retention Factor (dust inhalation)	unitless				
Potable Water Ingestion					
Potable water intake rate	L/day				
Exposure frequency for potable water intake	days/yr				

Health Risk Calculations - Incidental Soil Ingestion

Regain Tomago Facility
638 Tomago Road, Tomago
Direct Contact with Soil by Off-site Residents (Adult and Child) - Scenario 2 Grid Max Scenario

Chemical	Soil Concentration	Oral Soil Bioavailability Factor	Threshold Intake and Risk Calculations							Non-Threshold Intake and Risk Calculations					
			Oral RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)	Oral CSF	Adult Intake Factor (non-threshold)	Child Intake Factor (non-threshold)	Lifetime Intake Factor (non-threshold)	Lifetime Intake (non-threshold)	Lifetime Excess Cancer Risk
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)	(mg/kg/day)-1	(kg/kg/day)	(kg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	7.78994E-10	1.00E+00	1.00E-03	7.14E-07	5.56E-16	5.56E-13	6.67E-06	5.19E-15	5.19E-12	-	-	-	-	-	-
Cadmium	2.16626E-09	1.00E+00	3.20E-04	7.14E-07	1.55E-15	4.84E-12	6.67E-06	1.44E-14	4.51E-11	-	-	-	-	-	-
Chromium(VI)	7.14437E-09	1.00E+00	9.00E-04	7.14E-07	5.10E-15	5.67E-12	6.67E-06	4.76E-14	5.29E-11	-	-	-	-	-	-
lead	4.08864E-09	1.00E+00	3.50E-03	7.14E-07	2.92E-15	8.34E-13	6.67E-06	2.73E-14	7.79E-12	-	-	-	-	-	-
Mercury (elemental)	6.75702E-10	1.00E+00	3.60E-04	7.14E-07	4.83E-16	1.34E-12	6.67E-06	4.50E-15	1.25E-11	-	-	-	-	-	-
Nickel	1.52069E-08	1.00E+00	4.80E-03	7.14E-07	1.09E-14	2.26E-12	6.67E-06	1.01E-13	2.11E-11	-	-	-	-	-	-
Dioxins and Furans as PCDD an	5.70729E-15	1.00E+00	9.89E-10	7.14E-07	4.08E-21	4.12E-12	6.67E-06	3.80E-20	3.85E-11	-	-	-	-	-	-
Benzo(a)pyrene	2.69802E-11	1.00E+00	-	-	-	-	-	-	-	5.00E-01	2.96E-07	5.71E-07	8.67E-07	2.34E-17	1.17E-17
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TOTAL						**1.96E-11**			**1.83E-10**						**1.17E-17**

Health Risk Calculations - Dermal Contact with Soil
Regain Tomago Facility
638 Tomago Road, Tomago
Direct Contact with Soil by Off-site Residents (Adult and Child) - Scenario 2 Grid Max Scenario

Chemical	Soil Concentration	Dermal Absorption Factor (DAF)	Threshold Intake and Risk Calculations							Non-Threshold Intake and Risk Calculations					
			Dermal RfD (Background Corrected)	Adult Intake Factor (threshold)	Adult Intake (threshold)	Hazard Index (Adult)	Child Intake Factor (threshold)	Child Intake (threshold)	Hazard Index (Child)	Dermal CSF	Adult Intake Factor (non-threshold)	Child Intake Factor (non-threshold)	Lifetime Intake Factor (non-threshold)	Lifetime Intake (non-threshold)	Lifetime Excess Cancer Risk
	(mg/kg)	(unitless)	(mg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)	(kg/kg/day)	(mg/kg/day)	(unitless)	(mg/kg/day)-1	(kg/kg/day)	(kg/kg/day)	(kg/kg/day)	(mg/kg/day)	(unitless)
Arsenic, Inorganic	7.78994E-10	0.005	1.00E-03	2.25E-07	1.75E-16	1.75E-13	4.50E-07	3.51E-16	3.51E-13	-	-	-	-	-	-
Cadmium	2.16626E-09	-	3.20E-04	-	-	-	-	-	-	-	-	-	-	-	-
Chromium(VI)	7.14437E-09	-	2.25E-05	-	-	-	-	-	-	-	-	-	-	-	-
lead	4.08864E-09	-	3.50E-03	-	-	-	-	-	-	-	-	-	-	-	-
Mercury (elemental)	6.75702E-10	0.001	2.52E-05	4.50E-08	3.04E-17	1.21E-12	9.00E-08	6.08E-17	2.41E-12	-	-	-	-	-	-
Nickel	1.52069E-08	0.005	4.80E-03	2.25E-07	3.42E-15	7.13E-13	4.50E-07	6.84E-15	1.43E-12	-	-	-	-	-	-
Dioxins and Furans as PCDD a	5.70729E-15	-	2.30E-09	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	2.69802E-11	0.06	-	-	-	-	-	-	-	5.00E-01	1.12E-06	4.63E-07	1.58E-06	4.27E-17	2.13E-17
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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TOTAL						**2.09E-12**			**4.19E-12**						**2.13E-17**

Summary of Estimated Health Risks
Regain Tomago Facility
638 Tomago Road, Tomago
Direct Contact with Soil by Off-site Residents (Adult and Child) - Scenario 2 Grid Max Scenario

Exposure Pathway	Threshold Risk Estimates		Non-Threshold Risk Estimates (Lifetime Exposure)
	Adult Exposure	Childhood Exposure	
SOIL EXPOSURE PATHWAYS			
Incidental Ingestion of Soil	2.0E-11	1.8E-10	1.2E-17
Dermal Contact with Soil	2.1E-12	4.2E-12	2.1E-17
Inhalation of Surface Soil-Derived Dust in Indoor Air	-	-	-
Inhalation of Surface Soil-Derived Dust in Outdoor Air	-	-	-
Inhalation of Surface Soil-Derived Vapours in Outdoor Air	-	-	-
Inhalation of Surface Soil-Derived Vapours from Excavation	-	-	-
Inhalation of Subsurface Soil-Derived Vapours in Indoor Air	-	-	-
Inhalation of Subsurface Soil-Derived Vapours in Outdoor Air	-	-	-
TOTAL	**2.2E-11**	**1.9E-10**	**3.3E-17**

Appendix E

Equations

Risk Assessment Equations

1.1 Estimate of Concentration in Media

Concentration in Soil following Dust Deposition (Stevens, 1991)

$$C_s = \frac{DR * (1 - e^{-k*t})}{d * p * k} * 1000$$

Where:

C_s = Concentration of CoPC in soil (mg/kg)

DR = Particle deposition rate for accidental release (mg/m^2/year)

K = Chemical-specific soil-loss constant (1/year) = In(2)/T$^{0.5}$

T0.5 = Chemical half-life in soil (years)

T = Accumulation time (years)

D = Soil mixing depth (m)

P = Soil bulk-density (g/m^3)

1000 = Conversion from g to kg

Concentration in Home-grown Produce

Deposited Material on Aboveground Plants (Stevens, 1991)

$$C_p = \frac{DR * F * (1 - e^{-k*t})}{Y * k}$$

Where:

C_p = Concentration of CoPC in plant (mg/kg plant - wet weight)

DR = Particle deposition rate for accidental release (mg/m^2/day)

F = Fraction for the surface area of plant (unitless)

k = Chemical-specific loss constant for particles on plants (1/days) = In(2)/T$^{0.5}$

T$^{0.5}$ = Chemical half-life on plant (days)

t = Deposition time or length of growing season (days)

Y = Crop yield (kg/m2)

Uptake of Chemicals via Roots (US EPA, 2005)

$$C_{rp} = C_s * RUF$$

Where:

C_{rp} = Concentration of persistent CoPC in root of plant (mg/kg plant - wet weight)

C_s = Concentration of persistent CoPC in soil assuming 15 cm mixing depth within gardens (mg/kg)

RUF = Root uptake factor (unitless)

Concentration in Eggs (US EPA, 2005)

$$A_{egg} = \left[\sum \left(Fi * Qpi * Pi\right) + Qs * Cs * Bs\right] * \left(Ba_{egg}\right)$$

Where:

A_{egg} = Concentration of COPC in eggs (mg COPC/kg FW tissue)

Fi = Fraction of plant type (i) (grain) grown on contaminated soil and ingested by the animal (chicken) (unitless)

Qpi = Quantity of plant type (i) (grain) eaten by the animal (chicken) each day (kg DW plant/day)

Pi = Concentration of CoPC in plant type (i) (grain) eaten by the animal (chicken) (mg/kg DW)

Qs = Quantity of soil eaten by the animal (chicken) (kg/day)

Cs = Average soil concentration over exposure duration (mg CoPC/kg soil)

Bs = Soil bioavailability factor (unitless)

Ba_{egg}= CoPC biotransfer factor for eggs (day/kg FW tissue)

Concentration in Breast Milk (US EPA, 2005)

$$C_{milkfat} = \frac{m * h * f_1}{0.693 * f_2}$$

Where:

$C_{milk\ fat}$ = Concentration of CoPC in milk fat (mg/kg)

m = Average maternal intake (mg/kg/day)

h = Half-life of chemical in body, adults (days)

f_1 = Fraction of ingested chemical stored in fat (unitless)

f_2 = Fraction of mothers weight that is fat (unitless)

1.2 Estimate of Exposure

Incidental Ingestion of Soil

$$CDI_{ing,s} = \frac{C_s * IngR_s * EF * ED * CF}{365 \frac{days}{year} * AT * BW}$$

Where:

$CDI_{ing,s}$ = Chronic Daily Intake for Soil Ingestion (mg/kg/day)

C_s = Chemical Concentration in Soil (mg/kg)

$IngR_s$ = Soil Ingestion Rate (mg/day)

EF = Exposure Frequency (days/year)

ED = Exposure Duration (years)

CF = Unit conversion factor (kg/10^6 mg)

AT = Averaging Time (years)

= 70 years for non-threshold carcinogens

= ED for chemicals assessed based on threshold effects

BW = Body weight (kg)

Dermal Contact with Soil

$$CDI_{der,s} = \frac{C_s * AH * SA * AF * EF * ED * CF}{365 \frac{days}{year} * AT * BW}$$

Where:

$CDI_{der,s}$ = Chronic Daily Intake for Dermal Contact with Soil (mg/kg/day)

AH = Soil Adherence Factor ($mg/cm^2/day$)

SA = Skin Surface Avalable for Contact (cm^2)

AF = Dermal Absorption Factor (chemical-specific; unitless)

and other factors are as defined earlier.

Inhalation of Particulates or Vapours

The following equation has been adopted to estimate intakes associated with inhalation of chemicals in air (particulates or vapours). Inhalation exposures have been estimated using the revised methodology recently published by the USEPA (USEPA, 2009), which recommends adjustment of the measured or estimated contaminant concentration in air to account for site-specific exposure considerations, rather than estimation of a chronic daily intake of contaminant via the inhalation pathway.

For particulates, it is assumed that all particulates inhaled are small enough to penetrate deep into the lungs (i.e., are inspirable), and that the particulate air EPCs have been estimated as inspirable (PM_{10}) dust concentrations.

$$EC_{inh} = \frac{C_a * ET * EF * ED}{AT * 365 \frac{days}{year} * 24 \frac{hours}{day}}$$

Where:

EC_{inh} = Exposure Adjusted Air Concentration (mg/m^3)

C_a = Chemical Concentration in Air (mg/m^3)

ET = Exposure Time (hours/day)

and other factors are as defined earlier.

Vegetable Ingestion

The following equation has been adopted to estimate intakes associated with the consumption of vegetables grown in soil.

$$\text{Intake Factor} = \frac{IR * FI * ME * EF * ED}{BW * AT}$$

Where:

Intake Factor = Intake factor (kg/kg/day)

IR = Ingestion rate (kg/day)

FI = Fraction ingested from a home-grown source (FI)

ME = Matrix Effect (unitless)

EF = Exposure frequency (days/year)

ED = Exposure duration (years)

BW = Body weight (kg)

AT = Averaging Time (days)

= 70 years for non-threshold carcinogens

= ED for chemicals assessed based on threshold effects

$$\text{Daily Intake} = \text{Concentration in Produce} * \text{Intake Factor}$$

Egg Ingestion

$$\text{Intake Factor} = \frac{IR * FI * ME * EF * ED}{BW * AT}$$

Where:

Intake Factor = Intake factor (kg/kg/day)

IR = Ingestion rate (kg/day)

FI = Fraction ingested from a home-grown source (FI)

ME = Matrix Effect (unitless)

EF = Exposure frequency (days/year)

ED = Exposure duration (years)

BW = Body weight (kg)

AT = Averaging Time (days)

= 70 years for non-threshold carcinogens

= ED for chemicals assessed based on threshold effects

$$\text{Daily Intake} = A_{egg} * \text{Intake Factor}$$

Beef Ingestion

$$\text{Intake Factor} = \frac{IR * FI * ME * EF * ED}{BW * AT}$$

Where:

Intake Factor = Intake factor (kg/kg/day)

IR = Ingestion rate (kg/day)

FI = Fraction ingested from a home-grown source (FI)

ME = Matrix Effect (unitless)

EF = Exposure frequency (days/year)

ED = Exposure duration (years)

BW = Body weight (kg)

AT = Averaging Time (days)

= 70 years for non-threshold carcinogens

= ED for chemicals assessed based on threshold effects

$$\text{Daily Intake} = A_{beef} * \text{Intake Factor}$$

Breastmilk Ingestion by Infants

$$\text{Intake Factor} = \frac{IR * FM * Ab * EF * ED}{BW * AT}$$

Where:

Intake Factor = Intake factor (kg/kg/day)

IR = Ingestion rate (kg/day)

FM = Fraction of Fat/Lipids in Milk (unitess)

Ab = Absorption Following Ingestion (unitless)

EF = Exposure frequency (days/year)

ED = Exposure duration (years)

BW = Body weight (kg)

AT = Averaging Time (days)

= 70 years for non-threshold carcinogens

= ED for chemicals assessed based on threshold effects

$$\text{Daily Intake} = C_{\text{milk fat}} * \text{Intake Factor}$$

1.3 Estimation of Risks

Threshold Risk Estimates

Risks to human health for CoPCs assessed on the basis of a threshold approach were estimated by comparison of the daily chemical intake or exposure adjusted air concentration of each CoPC with its respective TDI or Reference Concentration allowable from the Site (i.e., the TDI minus background intakes). The resulting ratio, referred to as the hazard quotient, is derived in the following manner:

$$HQ = \frac{CDI_t}{TDI - \text{background}}$$

or

$$HQ = \frac{EC_{inh}}{RfC - \text{background}}$$

Where:

HQ = Hazard Quotient (unitless)

CDI_t = Chronic Daily Intake (calculated based on threshold averaging time) (mg/kg/day)

TDI = Tolerable Daily Intake (mg/kg/day) – adjusted for background intake

EC_{inh} = Exposure adjusted air concentration (mg/m^3)

RfC = Tolerable Concentration in air (mg/m^3) – adjusted for background intake

A potentially unacceptable chemical intake/exposure is indicated if the exposure level exceeds the TDI or TC (i.e. if the hazard quotient is greater than 1).

To assess the overall potential for adverse health effects posed by exposure to multiple chemicals, the hazard quotients for each chemical and exposure pathway relevant to a receptor are summed. The resulting sum is referred to as the hazard index (HI), and is calculated using the following equation.

$$HI = \sum_{i=1,j=1}^{n} HQ_{i,j}$$

Where:

HI = Hazard Index (unitless)

$HQ_{i,j}$ = Hazard Quotient for pathway *i* and chemical *j* (unitless)

n = Number of chemicals and/or pathways relevant to land use scenario

If the HI is less than one, then cumulative exposure to the CoPC is considered unlikely to result in an adverse effect. If the sum is greater than one, a more detailed and critical evaluation of the hazards may be required, or appropriate risk management measures at the Site may need to be implemented.

Non-Threshold (Carcinogenic) Risk Estimates

Risks to human health for CoPC considered to be genotoxic carcinogens were estimated as the incremental probability of an individual developing cancer over a lifetime as a result of chemical exposure. The numerical estimate of incremental lifetime carcinogenic risk was calculated using the following relationship:

$$ILCR = CDI_{nt} * SF$$

or

$$ILCR = EC_{inh} * IUR * 10^{3} \frac{\mu g}{mg}$$

Where:

ILCR = Incremental Lifetime Cancer Risk (unitless)

CDI_{nt} = Chronic Daily Intake (calculated based on non-threshold averaging time) (mg/kg/day)

SF = Cancer Slope Factor $(mg/kg/day)^{-1}$

EC_{inh} = Exposure adjusted air concentration (mg/m^3)

IUR = Inhalation Unit Risk $(\mu g/m^3)^{-1}$

To assess the overall potential for effects posed by simultaneous exposure to more than one chemical that is associated with non-threshold carcinogenic effects, the risk for each chemical and pathway relevant to a receptor, and for adults and children (as relevant), were summed. The resulting sum is referred to as the cumulative incremental lifetime carcinogenic risk and is estimated as follows:

$$ILCR_{cum} = \sum_{i=1,j=1}^{n} ILCR_{i,j}$$

Where

$ILCR_{cum}$ = Cumulative ILCR for a given receptor (unitless)

$ILCR_{i,j}$ = ILCR for chemical i and pathway j

n = Number of chemicals and/or pathways relevant to land use scenario.

This approach assumes that exposure to multiple carcinogens over a lifetime results in a cumulative effect, and therefore, exposures are summed over all intake routes.

1.4 References

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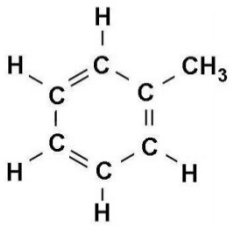
Appendix F

Toxicity Profiles



Toluene – Toxicological Profile

The majority of the following information has been sourced from ATSDR (2000), with other sources listed in the references.

Chemical Identification

Synonyms: toluene, methylbenzene

CAS: 108-88-3

Molecular Formula: C_7H_8

Molecular Weight: 92.142 g/mol

General

Toluene is a clear, colourless liquid with a distinctive smell. Toluene occurs naturally in crude oil and in the tolu tree as well as being produced in the process of making gasoline and other fuels, in making coke from coal and as a by-product in the manufacture of styrene.

Toluene is used in the manufacture of paints, paint thinners, fingernail polish, lacquers, adhesives, and rubber and in some printing and leather tanning processes. It enters the environment largely as a result of solvent and petroleum spills at petrol stations on in manufacturing environments. It readily volatilizes into air and readily dissolves into groundwater and surface water bodies. Toluene is broken down by soil microorganisms and evaporates from soil and water surfaces if exposed to oxygen.

Significance of Exposure Pathways and Background

The most likely pathway by which people may be exposed to toluene is inhalation of contaminated air and from smoking. Intake from food and water may contribute substantially smaller amounts.

CRC CARE (Friebel and Nadebaum, 2011) reviewed the air background levels in Australia for toluene and identified that background concentrations for toluene are less than 1% of the threshold toxicity criteria in the worst reported areas. It was concluded that the inclusion of background ambient air concentration does not contribute significantly to the total allowable exposure and therefore background exposure was not considered during development of the health screening levels (HSLs).

The adopted skin absorption factor was set at 12%, as adopted in CRC CARE (Friebel, E. and Nadebaum, P., 2011).

Non-Carcinogenic Health Effects

Adverse effects on the nervous system are the critical effects of concern from acute, intermediate, or chronic exposure to toluene. Acute exposure is associated with reversible neurological symptoms progressing from fatigue, headaches, and decreased manual dexterity to narcosis with increasing exposure levels. Reversible neurological impairment from acute exposure likely involves the direct interaction of toluene with nervous system membranes. Degenerative changes in white matter regions of the brain have been correlated with the severity of persistent neurological impairment in individuals who abused solvents and have repeatedly inhaled toluene at high exposure levels (4,000–12,000 ppm). Results from studies of groups of occupationally exposed workers suggest that chronic exposure to toluene at lower exposure levels (from about 50 to 200 ppm) can produce subtle changes in neurological functions including cognitive and neuromuscular performance, hearing, and colour discrimination. Supporting data come from studies of toluene-exposed animals showing changes in behaviour, hearing loss, and subtle changes in brain structure, electrophysiology, and levels of neurotransmitters. Case reports of birth defects in children of mothers who abused toluene during pregnancy suggest that exposure to high levels of toluene may be toxic to the developing fetus. However, results from animal studies indicate that toluene is not a teratogenic agent, but can retard fetal growth and skeletal development and adversely influence behavior of offspring at exposure levels that overwhelm maternal mechanisms protecting the developing fetus from exposure. Other adverse

health effects, including cancer or effects on reproductive performance, do not appear to be of concern for persons who may experience low exposures to toluene by living or working near hazardous waste sites containing toluene.

Identification of Non-Carcinogenic Toxicity Reference Values

The dose-response values provide an estimate of exposure to the human population that is likely to be without an appreciable risk of deleterious effects during a lifetime. The oral exposure represents a daily value and the inhalation exposure represents continuous inhalation. These values are intended for use in risk assessments for health effects known or assumed to be produced through a nonlinear (presumed threshold) mode of action (USEPA, 2013). Available chronic dose-response values published by sources recognised and endorsed by enHealth (enHealth, 2012), NEPC (NEPC, 2013) and the USEPA and are summarised below.

Oral

The oral dose-response value is expressed in units of mg/kg/day. This value may be termed a Reference Dose (RfD), Tolerable Daily Intake (TDI), or Minimal Risk Level for oral exposure (MRL) depending on the agency of derivation.

Table 1 Published Threshold Dose-Response Values for Toluene - Oral

Agency	Oral Dose-Response Value (mg/kg/day)	Source	Target Endpoint	Test Animal	UF	Notes
NHMRC	0.223	NHMRC (2016)	Liver	Rats and Mice	1000	TDI. Based on NTP study, 1990.
WHO	0.223	WHO (2011)	Hepatotoxic effects	Mice	1000	TDI. Based on NTP study, 1990.
ATSDR	0.02	ATSDR (2000)	Neurological Effects	Mice	1000	MRL. Intermediate duration. Based on study by Hsieh et.al., 1990
Health Canada	0.22	Health Canada (1991)	Liver, Kidney	Rat	1000	TDI. Based on NTP study, 1990.
RIVM	0.223	RIVM (2001)	Liver	Mice	1000	TDI. Based on NTP study, 1990.
IRIS	0.8	USEPA (2005)	Kidney	Rat	3000	RfD. Based on NTP study, 1990.

ATSDR – Agency for Toxic Substances and Disease Registry
CRC CARE – Cooperative Research Centre for Contamination Assessment and Remediation of the Environment
IRIS – Integrated Risk Information System
NHMRC – National Health and Medical Research Council
RIVM – National Institute of Public Health and the Environment (Netherlands)
WHO – World Health Organisation
UF – Uncertainty Factor

Inhalation

The inhalation dose-response value is expressed in units of mg/m^3. This value may be termed a Reference Concentration (RfC), Tolerable Concentration (TC), Tolerable Concentration in Air (TCA) or Minimal Risk Level for inhalation (MRL) depending on the agency of derivation.

Table 2 Published Threshold Dose-Response Values for Toluene - Inhalation

Agency	Inhalation Dose-Response Value (mg/m^3)	Source	Target Endpoint	Test Animal	UF	Notes
WHO	0.26	WHO (2000)	Central Nervous System	Human	300	RfC.
ATSDR	0.3 *	ATSDR (2000)	Vision Impairment	Human	100	MRL. Chronic duration. Based on studies by Zavalic et al., 1998.
Health Canada	3.75	Health Canada (1991)	Neurological function	Human	10	TC. Based on study by Andersen et al., 1983.
RIVM	0.4	RIVM (2001)	Central Nervous System	Human	300	TCA. Based on study by Foo et al., 1990.
IRIS	5	USEPA (2005)	Neurological	Human	10	RfC. Based on multiple studies (1990 – 2001).

*Converted from 8.0ppm to mg/m^3 using the molecular weight of 92.14 and assuming 25ºC and 760 mm Hg

Carcinogenicity and Genotoxicity

Human and animal studies generally do not support a concern for the carcinogenicity of toluene. The only available human epidemiological studies were negative but inconclusive due to limitations in design. The validated animal inhalation bioassays were negative; however, one available oral study showed a nondose-related increase in a variety of tumors. Thus, the data do not support a firm conclusion regarding the carcinogenicity of toluene. The IARC have not classified toluene for carcinogenic effects.

Results of *in vivo* studies of exposed humans and *in vitro* microbial assays and other *in vitro* systems generally indicate that toluene is nonmutagenic and nongenotoxic.

Adopted Dose Response Values

Threshold (Non-Carcinogenic)

For assessment of potential threshold effects associated with oral exposure to toluene, AECOM has adopted the reference dose of **0.223 mg/kg/day** published by NHMRC (NHMRC, 2016). It should be noted that IRIS (based on an assessment undertaken in 2005) derived a slightly lower RfD of 0.08 mg/kg/day based on data from the same principle study as that used by WHO and NHMRC (NTP, 1990). The difference in the derived values results primarily from the application of an additional three-fold safety factor by IRIS (USEPA, 2013) to account for deficiencies in the toluene database. While the USEPA evaluation is therefore slightly more conservative than the WHO (2011) and NHMRC (2016) evaluations, the difference between recommended RfDs/TDIs is not significant, and AECOM has adopted the NHMRC (2016) and WHO (2011) value in accordance with the hierarchy of toxicological information sources recommended by NEPC (2013) and enHealth (2004).

For assessment of potential threshold effects associated with inhalation exposure to toluene, AECOM has adopted the inhalation reference concentration of **5 mg/m^3** published by IRIS (USEPA, 2013). This value was derived in 2005 based on a more comprehensive and recent review of available published toxicity studies than those undertaken by WHO (2000) and ATSDR (2000), and is therefore considered to be more suitable for quantitative dose-response assessment than the older WHO and ATSDR values.

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Andersen et al., 1983. Human response to controlled levels of toluene in six-hour exposures. Scand. J. Work Environ. Health. 9: 405-418. Andersen, I., G.R. Lundqvist, L. Molhave, O.F. Pedersen, D.F. Procter, M. Vaeth and D.P. Wyon. 1983.

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NEPC, 2013. *Schedule B(4) Guideline on Site-Specific Health Risk Assessment Methodology.* In: *National Environment Protection (Assessment of Site Contamination) Measure 1999* (April 2013). National Environment Protection Council.

NHMRC, 2004. *Australian Drinking Water Guidelines*. National Health and Medical Research Council. 2004.

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NTP, 1990. *Toxicology and carcinogenesis studies of toluene in F344/N rats and B6C3F1 mice. NTP Report No 371*. United States Department of Health and Human Services, NIH Publication No. 90-2826. NTP (National Toxicology Program). 1990.

RIVM, 2001. *Re-evaluation of Human Toxicological Maximum Permissible Risk Levels*. RIVM Report 711701 025. National Institute of Public Health and the Environment. March 2001.

USEPA, 2005. *Integrated Risk Information System (IRIS) Toxicological Review of Toluene.* United States Environmental Protection Agency, National Center for Environmental Assessment, Office of Research and Development. September 2005.

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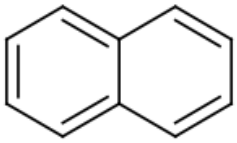

Naphthalene

The majority of the following information has been sourced from ATSDR (2005), with other sources listed in the references.

Chemical Identification

Synonyms: White tar, mothballs, naphthalin, moth flakes, camphor tar, tar camphor, naphthaline, antimite, albocarbon

CAS: 91-20-3

Molecular Formula: $C_{10}H_8$

Molecular Weight: 128.18 g/mol

General

Naphthalene occurs naturally in fossil fuels such as petroleum and coal, and is produced when organic materials (e.g., fossil fuels, wood, tobacco) are burned. Naphthalene is also produced commercially from either coal tar or petroleum. Commercially-produced naphthalene is predominately used in the production of phthalic anhydride, which is used as an intermediate for polyvinyl chloride plasticizers such as di(2-ethylhexyl) phthalate. Other uses of naphthalene include production of naphthalene sulfonates (used in concrete additives and synthetic tanning agents), pesticides (e.g., carbaryl insecticides and moth repellents), and dye intermediates.

Naphthalene is frequently present in industrial and automobile emissions and effluents and in various media in the general environment due to its natural occurrence in coal and petroleum products and emissions, its use as an intermediate in the production of plasticizers, resins, and insecticides, and its use in a variety of consumer products such as moth repellants.

Significance of Exposure Pathways and Background

The most significant exposure pathway is inhalation of contaminated air and tobacco smoke from both active and passive smoking. Although naphthalene has been detected in certain foods, beverages and tap water, these do not constitute major sources of exposure for most people (ATSDR, 2005).

Typical air concentrations for naphthalene are low, 0.2 ppb or less. Studies of outdoor air reported concentrations of 0.09 ppb 1-methylnaphthalene and 0.011 ppb 2-methylnaphthalene. In homes or businesses where cigarettes are smoked, wood is burned, or moth repellents are used, the levels of naphthalene, 1-methylnaphthalene, and 2-methylnaphthalene in the air are higher. Studies of indoor air typically report that average indoor air concentrations of these contaminants are less than 1 ppb (ATSDR, 2005).

As summarised in **Table 1** below, estimated chemical intakes from background exposure to PAHs (including naphthalene) in soil, drinking water, food and air are less than 1% of the lowest TDI adopted in this assessment. Background exposure was therefore not considered to be significant in comparison to the adopted dose-response criteria and TDIs were not corrected for background exposure.

Table 1 Estimated Background Exposure to PAHs

Concentration of Intake	Estimated Intake (mg/kg/day)	Notes
Drinking Water		
623 ng/L	1.78×10^{-5}	Water concentration is the maximum reported individual PAH concentration for a range of drinking water sources monitored in the USA, United Kingdom and Europe (ATSDR, 1995). Use of this value is considered conservative given that PAHs have not been reported in Australian drinking water supplies (NHMRC, 2011). Intake has been estimated for a 70 kg adult, assuming that 2 L of water per day is ingested.
Food		
10 µg/day	1.4×10^{-4}	Food intake is the maximum reported for individual PAHs based on a range of studies in the USA, United Kingdom and Europe (ATSDR, 1995). Intake has been calculated assuming a 70 kg body weight.
Air		
10.9 ng/m^3	3.1×10^{-5}	Air concentration is maximum annual average of any individual PAH reported in Australian cities by Environmental Australia (DEH, 1999). Intake has been calculated assuming a 70 kg adult respires 20 m^3 of air per day.
Total Intake		0.00019 mg/kg/day
Minimum TDI[1]		0.02 mg/kg/day
Fraction of TDI Due to Background Exposure		0.0096 (<1%)

Notes
[1]Value is minimum TDI of those adopted for PAHs assessed on the basis of threshold dose-response criteria. TDIs ranged from 0.02 mg/kg/day (naphthalene) to 0.3 mg/kg/day (anthracene).

It is noted that the PAH background exposure analysis presented in this report has not explicitly considered background exposure to PAH by smokers. However, ATSDR (1995) report that concentrations of individual PAHs in cigarette smoke range from less than 1 µg per 100 cigarettes to 62 µg per 100 cigarettes. For a 70 kg individual who smokes one pack (20 cigarettes) per day, the maximum expected intake of any individual PAH is therefore estimated to be 0.00018 mg/kg/day. This additional intake due to smoking also represents less than 1% of the lowest PAH TDI considered in this assessment (0.02 mg/kg/day for naphthalene).

Background exposure is not considered in the assessment of carcinogenic (non-threshold) risks, as non-threshold risks are estimated *incremental* lifetime cancer risks. However, it should be noted that the maximum background intake estimated for individual PAHs, if assumed to apply to benzo(a)pyrene or benzo(a)pyrene toxic equivalents, would result in an estimated incremental lifetime cancer risk of approximately 9 in 100,000, which is greater than the acceptable incremental cancer risk of 1 in 100,000 adopted for this assessment . However, this cancer risk estimate should not be interpreted as an indication that exposure to background levels of PAH may cause a significant increase in cancer rates above baseline levels as the baseline lifetime risk of cancer is reported to be approximately 50% (one in two; NRC, 2006). Thus the adopted acceptable incremental cancer risk of 1 in 100,000 and the estimated cancer risk due to background concentrations of PAHs in the environment are still very low in comparison to baseline lifetime cancer risks for the population as a whole.

Non-Carcinogenic Health Effects

Reports that establish associations between naphthalene exposure and health effects in humans are restricted to numerous reports of hemolytic anemia or cataracts following acute exposure or occupational exposure to naphthalene, either by ingestion or by inhalation of naphthalene vapours, but these reports have not identified exposure levels associated with these effects. A relationship appears to exist between an inherited deficiency in the enzyme, glucose 6-phosphate dehydrogenase (G6PD), and susceptibility to naphthalene-induced hemolysis. Newborn infants also appear to be susceptible to naphthalene-induced hemolysis presumably due to a decreased ability to conjugate and excrete naphthalene metabolites.

Results from animal studies exposed to naphthalene by oral administration, by inhalation exposure, or by parenteral administration identify several health effects of potential concern for humans, including maternal toxicity during pregnancy with acute oral exposure, decreased body weight (without lesions developing in any tissues or organs) with intermediate oral exposure, and increased incidence of non-neoplastic and neoplastic lesions in the nose (in rats and mice) and the lung (in mice only) with chronic inhalation exposure.

Identification of Non-Carcinogenic Toxicity Reference Values

The dose-response values provide an estimate of exposure to the human population that is likely to be without an appreciable risk of deleterious effects during a lifetime. The oral exposure represents a daily value and the inhalation exposure represents continuous inhalation. These values are intended for use in risk assessments for health effects known or assumed to be produced through a nonlinear (presumed threshold) mode of action (USEPA, 2012). Available chronic dose-response values published by sources recognised and endorsed by enHealth (enHealth, 2012), NEPC (NEPC, 1999) and the USEPA and are summarised below.

Oral

The oral dose-response value is expressed in units of mg/kg/day. This value may be termed a Reference Dose (RfD), Tolerable Daily Intake (TDI), or Minimal Risk Level for oral exposure (MRL) depending on the agency of derivation.

Table 1 Published Threshold Dose-Response Values for Naphthalene - Oral

Source	Oral Dose-Response Value (mg/kg/day)	Target Endpoint	Test Animal	UF	Notes
ATSDR (2005)	0.6	Body weight, organ weight, haematological parameters	Rats and mice	100	Intermediate duration MRL. Based on three studies by NTP, 1980a; NTP, 1980b and Shopp et al., 1984,
USEPA (1998)	0.02	Decreased body weight	Rats	3000	RfD. Based on Study by BCL, 1980
NSF International (1998)	0.02	Decreased body weight	Rats	3000	RfD. Based on IRIS (USEPA, 2013)
RIVM (2000)	0.04	-	-	-	TDI. Aromatic compound with equivalent carbon No. of >C_9-C_{16}.

ATSDR – Agency for Toxic Substances and Disease Registry

IRIS – Integrated Risk Information System.

RIVM – National Institute of Public Health and the Environment (Netherlands)

UF – Uncertainty Factor.

Inhalation

The inhalation dose-response value is expressed in units of mg/m^3. This value may be termed a Reference Concentration (RfC), Tolerable Concentration (TC), or Minimal Risk Level for inhalation (MRL) depending on the agency of derivation.

Table 2 Published Threshold Dose-Response Values for Naphthalene - Inhalation

Source	Inhalation Dose-Response Value (mg/m^3)	Target Endpoint	Test Animal	UF	Notes
ATSDR (2005)	0.0037*	Nonneoplastic lesions in nasal olfactory epithelium	Rats and mice	300	Chronic MRL. Based on study by NTP, 1992; NTP, 2000 and Abdo et al., 2001.
USEPA (1998)	0.003	Nasal effects	Mice	3000	RfC. Based on Study by NTP, 1991
WHO (2010)	0.01	Hyperplasia in respiratory epithelium and metaplasia in olfactory epithelium	Rats	1000	RfC. Twenty-three key studies were referenced as providing main and supporting evidence for the RfC derivation by WHO in 2010. The studies included additional chronic and subchronic inhalation studies in another animal species as well as human in vitro studies. The following three source of exposure effect evidence studies were referenced: North DW et al, 2008; Abdo KM et al, 2001 and Long PH et al, 2003, in which Nasal inflammation and olfactory epithelial metaplasia in nearly all rats chronically exposed to 53 mg/m^3 was considered as the LOAEL, even though related to severe effects. This was adjusted for continuous exposure (dividing by a factor of 24/6 and 7/5). Further a factor of 10 for using a LOAEL instead of a NOAEL, a factor of 10 for interspecies variation and a factor of 10 for inter-individual variation were incorporated.

ATSDR – Agency for Toxic Substances and Disease Registry

IRIS – USEPA Integrated Risk Information System.

WHO – World Health Organization.

*Converted from 0.0007 ppm to mg/m^3 using the molecular weight of 128.18g/mol and assuming 25ºC and 760 mm Hg

AECOM considers that the WHO 2010 guideline value of 0.01 mg/m^3 for naphthalene is more appropriate for use than the USEPA 1998 RfC value of 0.003 mg/m^3 that was adopted by Friebel and Nadebaum (2011) in the derivation of the National Health Screening Levels (HSLs).

It is noted that the key studies which USEPA and WHO used to derive their respective inhalation TRV are very similar. The USEPA 1998 value of 0.003 mg/m^3 is based on study using mice exposed by

inhalation to naphthalene for 6 hours/day, 5 days/week for 2 years. Whereas the WHO guideline value is based on a study using rats, using the same exposure time (6 hours/day, 5 days/week for 2 years), and same endpoints (hyperplasia in respiratory epithelium and metaplasia in olfactory epithelium). Both studies produced a LOAEL of 53 mg/m^3 and adjusted for Human Equivalent Concentration (HEC), with both assessments resulting in a LOAEL HEC of 9.3 mg/m^3.

The only difference in the inhalation TRV determinations is an additional uncertainty factor of 3 that the USEPA used in 1998 to account for database deficiencies (10 to extrapolate from mice to humans; 10 to protect sensitive humans; 10 to extrapolate from a LOAEL to a NOAEL; and 3 for database deficiencies).

Specifically, the 1998 USEPA toxicological review indicated that the inhalation studies at that time were restricted to only the following three studies of mice:

1. A two year study (NTP 1992. Toxicology and carcinogenesis studies of naphthalene (CAS no 91-20-3) in B6C3F1 mice (inhalation studies). US Department of Health and Human Services, National Institutes of Health, Rockville, MD. Technical report series no. 410. NIH pub no. 92-3141)
2. A six month study (Adkins et al., 1986, Oncogenic response of strain A/J mice to inhaled chemicals. J Toxicol Environ Health 17:311-322); and
3. A four hour study (Buckpitt, 1982, Comparative biochemistry and metabolism. Part II: naphthalene lung toxicity. Prepared for Air Force Aerospace Medical Research Laboratory, Wright Patterson Air Force Base, OH. AFAMRL-TR-82-52, pp. 25-30).

As such, the 'lack of additional studies' contributed to the application of an uncertainty factor of 3 for database deficiencies. The toxicological database in 1998 was given a low to medium confidence rating by the USEPA because there were no chronic or subchronic inhalation studies in other animal species, and there were no reproductive or developmental studies for inhalation exposure.

In contrast, the following twenty-three key studies were referenced as providing main and supporting evidence for the guideline value derived by WHO in 2010. The studies included additional chronic and subchronic inhalation studies in another animal species as well as human in vitro studies.

Source of exposure-effect evidence (Nasal inflammation and olfactory epithelial metaplasia in nearly all rats chronically exposed to 53 mg/m^3 was considered as the lowest observed adverse effect level (LOAEL), even though related to severe effects).

1. North DW et al. A review of whole animal bioassays of the carcinogenic potential of naphthalene. Regulatory Toxicology and Pharmacology, 2008, 51:S6-14
2. Abdo KM et al. Toxicity and carcinogenicity study in F344 rats following 2 years of whole body exposure to naphthalene vapours. Inhalation toxicology, 2001, 13:931-950.
3. Long PH et al. Morphology of nasal lesions in F344/N rats following chronic inhalation exposure to naphthalene vapours. Toxicologic Pathology, 2003, 31:655-664.

Supporting Evidence (Dose dependent respiratory tract cytotoxicity following acute to chronic exposure in rats)

1. Toxicology and carcinogenesis studies of naphthalene (CAS No 91-20-3) in F344/N rats (inhalation studies). Research Triangle Park, NC, National Toxicology Program, 2000 (Technical Report Series 500)

Supporting Evidence (Airway toxicity was seen in several strains of rats and mice over a wide range of concentrations)

1. Lee MG et al. In situ naphthalene bioactivation and nasal airflow cause region-specific injury patterns in the nasal mucosa of rats exposed to naphthalene by inhalation. Journal of Pharmacology and Experimental Therapeutics, 2005, 314:103-110.
2. West JAA et al. Inhaled naphthalene causes dose dependent Clara cell toxicity in mice but not in rats. Toxicology and Applied Pharmacology, 2001, 173:114-119

3. Dodd DE et al. Nasal epithelial lesions in rats following an acute inhalation exposure to naphthalene vapour at low concentrations. Toxicologist, 2008, 510 (abstract)

4. Plopper CG et al. Relationship of cytochrome P-450 activity to Clara cell cytotoxicity. I. Histopathologic comparison of the respiratory tract of mice rats and hamsters after parenteral administration of naphthalene. Journal of Pharmacology and Experimental Therapeutics, 1992, 161:353-363.

5. Van Winkle LS et al. Gender differences in naphthalene metabolism and naphthalene induced acute lung injury. American Journal of Physiology Lung Cellular and Molecular Physiology, 2002, 282:L1122-L1134.

6. Lawson GW et al. Mouse strain modulates the role of the ciliated cell in acute tracheobronchial airway injury distal airways. American Journal of Pathology, 2002, 160:315-327

7. Mahvi D, Bank H, Harley R. Morphology of a naphthalene induced bronchiolar lesion. American Journal of Pathology, 1977, 86:559-572.

8. Plopper CG et al. Relationship of cytochrome P450 activity to Clara cell cytotoxicity. III. Morphometric comparison of changes in the epithelial populations of terminal bronchioles and lobar bronchi in mice, hamsters and rats after parenteral administration of naphthalene. Laboratory Investigation , 1992, 67:553-565

9. Linnoila RI et al. Loss of GFI1 impairs pulmonary neuroendocrine cell proliferation, but the neuroendocrine phenotype has limited impact on post naphthalene airway repair. Laboratory Investigation, 2007, 87:336-344

10. Park KS et al. Trans-differentiation of ciliated cells during repair of the respiratory epithelium. American Journal of Respiratory Cell and Molecular Biology, 2006, 34:151-157

11. Van Winkle LS et al. Prior exposure to aged and diluted side stream cigarette smoke impairs bronchiolar injury and repair. Toxicological Sciences 2001, 60:152-164

12. Van Winkle LS et al. Impaired recovery from naphthalene induced bronchiolar epithelial injury in mice exposed to aged and diluted side stream cigarette smoke. Toxicological letters, 2004, 154:1-9.

13. Oliver JR et al. Gender differences in pulmonary regenerative response to naphthalene-induce bronchiolar epithelial cell injury. Cell Proliferation, 2009, 42:672-687

14. Inoue K et al. Naphthoquinone enhances antigen related airway inflammation in mice. European Respiratory Journal, 2007, 29:259-267.

15. Abdo K et al. Naphthalene: a respiratory tract toxicant and carcinogen for mice. Inhalation Toxicology, 1992, 4:393-409

<u>Supporting Evidence</u> (Human cells are susceptible to naphthalene metabolites in vitro)

1. Tingle MD et al. An investigation of the formation of cytotoxic, genotoxic, protein reactive and stable metabolites from naphthalene by human liver microsomes. Biochemical Pharmacology, 1993, 46:1529-1538

2. Wilson AS et al. Characterisation of the toxic metabolites of naphthalene. Toxicology, 1996, 114:233-242

3. Diodovicih C et al. Naphthalene exposure: effects on gene expression and proliferation in human cord blood cells. Journal of Biochemical and Molecular Toxicology, 2003, 17:286-294

4. Croera C, Ferrario D, Gribaldo L. In vitro toxicity of naphthalene, 1-napthol, 2-napthol and 1,4-naphthoquione on human CFU-GM from female and male cord blood donors. Toxicology in Vitro, 2008, 22:1555-1561.

In addition to the above studies, the following toxicological profiles from other international agencies were also referenced by WHO and the information contributed to their decision making in guideline formulation:

1. Some traditional herbal medicines, some mycotoxins, naphthalene and styrene. Lyon, International Agency for Research on Cancer, 2002 (IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Vol. 82)
2. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and emending Regulation (EC) No 1907/2006. Official Journal of the European Union, 2008, L353:1-1355
3. Naphthalene (CASRN 91-20-3). Washington, DC, US Environmental Protection Agency, 1998
4. Koistinen K et al. The German Environmental Survey 1990/1992 (GerESII): sources of personal exposure to volatile organic compounds. Journal of Exposure Analysis and Environmental Epidemiology, 2000, 10:115-125.
5. Kotzias D et al. Final Report of the INDEX Project. Critical appraisal of the setting and implementation of indoor exposure limits in the EU. Luxembourg Office for Official Publications of the European Communities, 2005.

Based on the significant increase in toxicological information for naphthalene by 2010 (when compared to the 1998 database of only three inhalation studies), a database uncertainty factor was not considered by WHO (2010) to be necessary in the derivation of their guideline. The USEPA (1998) RfC value is therefore considered to be overly conservative as it includes the database uncertainty factor of 3.

In addition, the 1998 USEPA toxicological review indicated that the results of the National Toxicity Program (NTP) inhalation cancer study with rats would provide significant information to the database when completed. The NTP inhalation cancer study with rats was completed in 2000, and is one of the key studies used WHO in their derivation of the guideline.

As per enHealth guidance in relation to choice of toxicological references, based on the currency and age of the toxicological data that has been referenced by WHO, preference is given towards the 2010 WHO value of 0.01 mg/m^3 for naphthalene over the 1998 USEPA RfC value of 0.003 mg/m^3.

Carcinogenicity and Genotoxicity

The only studies of cancer in humans exposed to naphthalene are two case series reports of cancer; one report of four laryngeal cancer cases (all of whom were smokers) among workers in a naphthalene purification plant in East Germany, and another report of 23 cases of colorectal carcinoma admitted to a hospital in Nigeria. NTP, USEPA, and IARC concur that these studies provide inadequate evidence of naphthalene carcinogenicity in humans. No cohort mortality or morbidity studies or case-control studies examining possible associations between naphthalene exposure and increased risk of cancer (or other health effects) are available.

In animals, chronic inhalation studies have found increased incidences of non-neoplastic and neoplastic lesions in the nose of rats, non-neoplastic lesions in the nose of mice, and neoplastic and non-neoplastic lesions in the lungs of mice. In mice of both sexes, chronic inhalation of 10 or 30 ppm naphthalene induced inflammation of the nose and lung, metaplasia of the olfactory epithelium, and hyperplasia of the nasal respiratory epithelium. In female mice (but not male mice), exposure to 30 ppm (but not 10 ppm) increased the incidence of benign lung tumors (alveolar/bronchiolar adenomas) compared with controls. One other female mouse exposed to 30 ppm showed a malignant lung tumor (alveolar/bronchiolar carcinoma). In rats of both sexes, inhalation of 10, 30, or 60 ppm naphthalene induced non-neoplastic and neoplastic lesions only in the nasal cavity. Non-neoplastic nasal lesions included (1) hyperplasia, atrophy, chronic inflammation, and hyaline degeneration of the olfactory epithelium and (2) hyperplasia, metaplasia or degeneration of the respiratory epithelium or glands. Neoplastic lesions associated with naphthalene exposure in rats were olfactory epithelial neuroblastoma (a rare malignant tumor) and respiratory epithelial adenoma.

The mechanisms by which naphthalene causes non-neoplastic or neoplastic lesions in the respiratory tract of rodents are incompletely understood, but are thought to involve reactive metabolites of naphthalene, including 1,2-naphthalene oxide, 1,2-naphthoquinone, 1,4-naphthoquinone, and possibly 1,2-dihydroxy-3,4-epoxy-1,2,3,4-tetrahydronaphthalene.

Comparison of species susceptibility to naphthalene-induced non-neoplastic lung damage suggests that mice are much more sensitive than rats (e.g., non-neoplastic or neoplastic lung lesions were not found in chronically exposed rats in an NTP study) and that differences in rates and stereoselectivity of naphthalene metabolism to epoxide intermediates may be involved in this species difference. Acute (4-hour) inhalation exposure of mice to naphthalene concentrations as low as 2–10 ppm induced lung injury, whereas rats exposed to naphthalene concentrations as high as 110 ppm showed no signs of lung injury. Some evidence has been reported that rates and stereoselectivity of naphthalene metabolism in primate lung tissue may be more like rats than mice. In in vitro studies with microsomes from lymphoblastoid cells, which expressed recombinant human CYP2F1, metabolism of naphthalene to epoxide intermediates was demonstrated, but the predominant enantiomeric form produced (1S,2R-oxide) was different from the form (1R,2S-oxide) produced by mouse CYP2F2. Although these observations on epoxide formation may suggest that mice may be more sensitive than humans to acute naphthalene lung toxicity from epoxide intermediates, the possible role of other potentially reactive metabolites of naphthalene (e.g., the naphthoquinone metabolites) is unknown with chronic exposure scenarios. To date, mechanistic understanding of species differences in naphthalene bioactivation in the lung is too incomplete to definitively rule out the possible human relevance of naphthalene-induced lung lesions in mice.

In contrast, the olfactory epithelium and respiratory epithelium of the nose of rats and mice do not appear to differ in sensitivity to naphthalene non-neoplastic toxicity from chronic inhalation exposure.

Non-neoplastic nasal lesions were found in nearly all exposed animals of both species at the lowest exposure level, 10 ppm, in both chronic studies. CYP monooxygenases, which might be involved in naphthalene metabolism and bioactivation, have been demonstrated to exist in nasal respiratory epithelial and olfactory epithelial tissue from rodents and humans. Studies designed to specifically characterize metabolism of naphthalene in nasal tissue, however, have not been conducted, with the exception of a single study, which examined in vitro rates of metabolism of naphthalene to naphthalene oxides in postmitochondrial supernatants from mouse, rat, and hamster olfactory tissue. Metabolic rates (units of nmol/min/mg protein) showed the following order: mouse (87.1) > rat (43.5) > hamster (3.9). This order did not correspond with species differences in sensitivity to single intraperitoneal injections of naphthalene in a companion study. The lowest dose levels producing substantial necrosis and exfoliation in olfactory epithelium were 200 mg/kg in rats and 400 mg/kg in mice and hamsters. To date, mechanistic understanding of species differences in naphthalene bioactivation in the respiratory tissues is too incomplete to definitively rule out the possible human relevance of naphthalene-induced nasal lesions in rodents (non-neoplastic lesions in rats and mice and neoplastic lesions in rats).

It is unknown whether the naphthalene-induced neoplastic lesions found in mice (lung adenomas) and rats (nose respiratory epithelial adenomas and olfactory epithelial neuroblastomas) are produced via a genotoxic mode of action or a non-genotoxic mode requiring tissue damage and regenerative responses as precursor events. Results from genotoxicity tests for naphthalene have been predominately (but not completely) negative, and the general sites of neoplastic lesions, the nose in rats and the lungs in mice, show some correspondence (but not complete) with the general sites of non-neoplastic lesions. However, mechanistic understanding of naphthalene's carcinogenic mode of action is too incomplete to rule out the possibility of a genotoxic mode of action. Key issues that remain unexplained or unstudied include:

- The possible significance of the few positive genotoxicity results that have been obtained, including: reverse mutations in Salmonella typhimurium by 1,2-naphthoquinone; in vitro formation of N-7 guanine adducts of DNA by 1,2-naphtoquinone; reverse mutations for luminescence in the marine bacteria, Vibrio fischeri, by naphthalene; induction of sister chromatid exchanges in Chinese hamster ovary cells by naphthalene and in human mononuclear leukocytes by 1,2- or 1,4-naphthoquinone; induction of chromosomal aberrations in Chinese hamster ovaries and preimplantation mouse embryos by naphthalene; induction of somatic mutations and recombination in Drosophila melanogaster by naphthalene; and weak (about 2-fold) induction of micronuclei in red blood cells from *Pleurodeles waltl* larvae by naphthalene;
- The lack of a mechanistic explanation of why nearly all rats and mice develop nasal non-neoplastic lesions following chronic exposure to naphthalene at concentrations ≥10 ppm, but only some rats develop nasal tumors;

- The lack of a mechanistic explanation of why both male and female mice exposed to naphthalene show similar incidences of chronic lung inflammation following chronic exposure to 10 or 30 ppm, but only female mice showed statistically significant increased incidence of lung tumors;
- The lack of in vivo genotoxicity assays involving target tissues of naphthalene carcinogenicity (nose and lung); and
- The lack of information on the possible threshold exposure levels for nonneoplastic nasal lesions in rats and mice at air concentrations <10 ppm.

The National Toxicology Program 11th Report on Carcinogens includes naphthalene in its list of chemicals reasonably anticipated to be human carcinogen.

International Agency for Research on Cancer concluded that naphthalene is possibly carcinogenic to humans (Group 2B) based on specific evaluations that there is inadequate evidence in humans and sufficient evidence in animals for the carcinogenicity of naphthalene. IARC considered the findings for nasal tumors in male and female rats and lung tumors in female mice in the NTP bioassays as sufficient evidence, noting that both nasal tumor types (olfactory epithelial neuroblastomas and respiratory epithelial adenomas) are rare in untreated rats.

The USEPA last assessed the carcinogenicity of naphthalene before the availability of the results from the chronic rat bioassay. In the EPA (1998) Toxicological Review on Naphthalene, it was concluded that there was inadequate evidence in humans and limited evidence in animals of naphthalene carcinogenicity (increased incidence of lung tumors in female mice). Under the EPA 1986 cancer guidelines, naphthalene was assigned to Group C - possible human carcinogen. Under the EPA 1996 proposed cancer guidelines, it was judged that the human carcinogenic potential of naphthalene via the oral or inhalation routes “cannot be determined”, but it was noted that there was suggestive evidence of potential human carcinogenicity based on increased lung tumors in female mice. Currently, the EPA Integrated Risk Information System (IRIS) Office is reassessing the inhalation carcinogenicity of naphthalene.

Identification of Carcinogenic Toxicity Reference Values

Oral and Inhalation

ATSDR, RIVM, and USEPA have evaluated the carcinogenicity data for naphthalene. EPA classifies this compound as Group C, a possible human carcinogen, using criteria of the 1986 cancer guidelines (USEPA, 1986). Using the 1996 Proposed Guidelines for Carcinogen Risk Assessment (USEPA, 1996), the human carcinogenic potential of naphthalene via the oral or inhalation routes "cannot be determined" at this time based on human and animal data; however, there is suggestive evidence [observations of benign respiratory tumors and one carcinoma in female mice only exposed to naphthalene by inhalation (NTP, 1992)]. Additional support includes increase in respiratory tumors associated with exposure to 1-methylnaphthalene. An oral slope factor or inhalation unit risk for naphthalene was not derived because of a lack of chronic oral naphthalene studies. RIVM determined that naphthalene is not carcinogenic, and therefore, based its risk estimate on the threshold approach. ATSDR has published a Toxicological Profile for Naphthalene. Although ATSDR discusses the carcinogenicity data in its Toxicological Profiles, it does not currently assess cancer potency or perform cancer risk assessments.

Adopted Dose-Response Values

Dose-response values for threshold and non-threshold effects associated with oral or inhalation exposure to naphthalene have not been published by Australian regulatory bodies.

Threshold (Non-Carcinogenic)

For assessment of potential threshold effects associated with oral exposure to naphthalene, AECOM has adopted the reference dose of **0.02 mg/kg/day** published by USEPA (IRIS database).

For assessment of potential threshold effects associated with inhalation exposure to naphthalene, AECOM has adopted the inhalation reference concentration of **0.01 mg/m^3** published by WHO (WHO, 2010).

Non-Threshold (Carcinogenic)

For assessment of potential non-threshold effects associated with oral and inhalation exposure to naphthalene, no international values were available to adopt.

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national dioxins program

dioxins in australia: a summary of the findings of studies conducted from 2001 to 2004

Australian Government
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background

The term "dioxins" describes a group of toxic organic chemicals that remain in the environment for a long time. These compounds can accumulate in the body fat of animals and humans and tend to remain unchanged for long periods. Several hundred of these compounds exist and are members of three closely related families:

- the polychlorinated dibenzo–p–dioxins (PCDDs)
- the polychlorinated dibenzofurans (PCDFs or furans)
- certain co–planar polychlorinated biphenyls (PCBs).

The National Dioxins Program (NDP) has focused on the 29 most toxic of these compounds which are recognised internationally as being harmful to humans and animals. To assist the reader, the term "dioxins" is used in this report to refer to the three families, but there are instances where specific mention is made to furans and PCBs.

The Australian Government established the program in 2001 to improve knowledge about dioxins in Australia. The program aims to determine levels, assess the risks to Australians and our environment, and to consider appropriate management actions.

Previously, limited Australian studies showed environmental levels were low, but a lack of information made it difficult to assess dioxin impacts on the environment and human health. The current studies are designed to fill this gap.

Starting in mid 2001, information studies were undertaken by leading Australian scientific organisations, with assistance from overseas experts, under contract to the Australian Government Department of the Environment and Heritage. The studies gathered information by measuring, emissions from sources such as bushfires, as well as dioxin levels in the environment, food and population.

The findings of these studies were used to determine the risk dioxins pose to our health and the environment.

Due to the high costs for laboratory analysis of dioxins, the number of samples collected for each study was limited and so caution is required when interpreting the findings. Nevertheless, these studies, completed in 2004, provide the largest survey of dioxin levels ever undertaken in Australia and provide information where no data was previously available. This document summarises the results of these studies and the conclusions of the risk assessments.

The findings will contribute to debate on how to deal with dioxins in Australia, as well as assisting Australia meet its obligations under the Stockholm Convention on Persistent Organic Pollutants (POPs). The Convention sets out a range of obligations for countries to reduce and, where feasible, eliminate releases of persistent organic pollutants, including emissions of by–product POPs such as dioxins.

The complete reports from the information studies and the risk assessment can be accessed on a CD–ROM attached to the inside back cover of this publication or from the Department of the Environment and Heritage website at http://www.ea.gov.au/industry/chemicals/dioxins/index.html. Hard copies of the reports are also available on request.

Note: the measured dioxin levels in this summary and the full reports use very small units such as nanograms, picograms and femtograms. Definitions of these and other technical terms are provided in the glossary on Page 16.

Note: The estimation of dioxin emissions (page 2 and 3) relies on data that is sometimes derived from laboratory studies and not actual measurements from facilities. This can create uncertainty in the figures which is reflected in the wide range of estimates. The 'best estimate' is the average between the highest and lowest emission factors. For more details, refer to Technical Report No 3 - Inventory of Dioxin emissions in Australia 2004.

sources of dioxin emissions

Dioxin emissions from bushfires

Dioxins are mainly unintended by–products of combustion processes. It has been estimated that 96 per cent of dioxins in the environment are from emissions to air. In 1998, an inventory of sources of dioxin emissions to air in Australia estimated that between 150–2,100 grams TEQ/year of dioxins are emitted each year. Wildfires, agricultural and prescribed fires were thought to be the major sources of these emissions.

Because no Australian data existed, the 1998 dioxins inventory used overseas studies and gave an estimate of between 72–1700 g TEQ/year from bushfires – a very wide range, reflecting the great uncertainty involved in the estimations. The bushfire study aimed to reduce this uncertainty by measuring the emissions of dioxins from fires in laboratories and from fires in several States and the Northern Territory. Emissions were analysed from smoke and samples of ash collected from 19 laboratory and 21 field burns.

The laboratory tests burned wheat straw, sorghum, sugarcane and forest litter. The study found that laboratory burns do not adequately simulate the combustion processes occurring in the field. Dioxin emissions from the laboratory tests were up to ten times higher than those from field fires but were comparable to other laboratory tests.

It is thought that the key difference between field and laboratory emissions may be the time the smoke plume remains at high temperatures. In field burns, air in the smoke plume rapidly cools to temperatures not supportive of dioxin formation. In wood combustion heaters, where the gases are confined, they remain at temperatures suitable for dioxin formation. A similar situation probably occurs during laboratory burns.

The field burns comprised 13 prescribed fuel reduction fires in south–east Queensland, central Victoria and south–west Western Australia, two sugarcane burns in Queensland, four fires in tropical savanna woodlands in the Northern Territory and two wildfires in north–east Victoria.

The dioxin levels, particularly from south–east Queensland, were consistent with other studies of prescribed fires. Total emissions of dioxins from field fires ranged from 0.1–2.9 pg TEQ/g of fuel.

Based on these levels and the total area of land burnt in each year in Australia, the total emissions of dioxins to air from bushfires are estimated to be 31–494 g TEQ/year, significantly lower than the 1998 estimate. Savanna fires in northern Australia accounted for most of these emissions.

A pump is used to collect smoke samples during a prescribed burn. Photo by C Meyer.

Dioxin emissions from motor vehicles

Although motor vehicles are a source of dioxins, the level of their emissions remains uncertain. There are several reasons for this. Firstly, there is little data available on dioxins emissions from road traffic and tests on vehicles. Secondly, dioxin emissions can vary greatly due to factors including vehicle technology and age, fuel composition and ambient temperatures. Finally, in many cases, published information on dioxins emissions is contradictory. Determining dioxin emissions from motor vehicles must take account of these uncertainties.

For this study, motor vehicle emissions were determined using existing estimates and calculating the total emissions based on the total distance travelled by all Australian vehicles in 1998. This gave a range of 0.7–16.5 g TEQ/year or about 2 per cent of total emissions to air.

Leaded petrol vehicles accounted for 40–45 per cent of this amount, due to the presence of chlorinated and brominated fuel additives in leaded petrol. The presence of these chemicals is believed to account for the higher levels of dioxins in leaded petrol vehicles. However, the banning of leaded

sources of dioxin emissions

petrol from January 2002 is expected to have already substantially reduced dioxins emissions.

Diesel vehicles account for 35–50 per cent of total dioxin emissions from motor vehicles, with most from diesel trucks. Despite unleaded petrol vehicles accounting for 65 per cent of total kilometres travelled, they account for only 5–20 per cent of total dioxins emissions from motor vehicles.

Emissions from all dioxin sources

Using the findings of the NDP studies on emissions from bushfires and motor vehicles, as well as publicly available data on emissions from industries, a new inventory was prepared for 2002. This inventory included dioxin emissions to air, water and land, based on guidelines developed by the United Nations Environment Program. These guidelines identified nine major emission source categories. A summary, in decreasing order, for emissions to all media is shown in the table below.

The new inventory estimates that total emissions to air in Australia are between 160–1,788 g TEQ/year with a best estimate being 500 g. Uncontrolled combustion, which includes bushfires, waste burning and accidental fires, is estimated to contribute nearly 65 per cent of total emissions to air and over 80 per cent of total emissions to land, with most being emitted from grass fires.

Disposal and landfilling is estimated to be the largest source of dioxin emissions to water, contributing over 75 per cent of total emissions.

Prescribed burning and wildfires are likely to contribute at least 20–30 per cent of total dioxin emissions to the environment.

Dioxins from motor vehicles account for less than 2 per cent of total dioxins emissions to air.

View the full reports of the emissions studies on the CD–ROM at:

1. Dioxins emissions from Bushfires in Australia
2. Dioxins emissions from Motor Vehicles in Australia
3. Inventory of Dioxin emissions in Australia 2004

Emission estimates by subcategory - top 25 emitters

SOURCE CATEGORY	ANNUAL ESTIMATED RELEASE (G TEQ/ANNUM)			
	Air	Water	Land	Total*
Biomass burning	240	0	1,020	1,270
Pulp and paper production	0.4	0.2	103	104
Waste burning and accidental fires	88	0	8.7	97
Zinc production	50	0	0	50
Fossil fuel power plants	14.3	0	27.7	42
Aluminium production	4.45	0	31.80	36.26
Sewage and sewage treatment	0	0.9	33	34
Metal ore sintering	32	0	0	32
Medical waste incineration	6.39	0.36	21.9	28.7
Household heating and cooking with biomass	20.2	0	1.6	21.8
Iron and steel production plants	20.3	0	0.03	20.3
Copper production	1	0	13	14
Composting	0	0	7.3	7.3
Diesel engines	5.4	0	0	5.4
Other non-ferrous metal production	4	0	0	4
Heavy oil fired engines	3	0	0	3
Domestic heating and cooking with fossil fuels	0.4	0	2.5	2.9
Open water dumping	0	1.5	0	1.5
Ceramics production	1	0	0	1
Lead production	0.5	0	0	0.5
Cement production	0.48	0	0	0.48
Crematoria	0.3	0	0.15	0.46
4-Stroke Engines	0.3	0	0	0.3
Landfills and waste dumps	0	0.2	0	0.2
2-Stroke engines	0.2	0	0	0.2
Other	0.06	0.05	0.7	0.9
Total	500	3.2	1,271	1,778

*Total may not exactly equal the sum of emissions to air, water and land due to rounding

dioxins in our environment

Four studies were undertaken to measure the levels of dioxins in the environment (air, soils, aquatic environments and fauna). They were not designed to identify dioxin 'hotspots' such as contaminated industrial sites, but rather to get a picture of the background levels of dioxins in the Australian environment.

For the purposes of these studies, Australia was divided into three geographic regions:

- northern – Northern Territory and Queensland
- south–eastern – New South Wales, Victoria, South Australia and Tasmania
- south–western – south west Western Australia

Samples were collected from locations in each region, representing four different land–uses (agricultural, urban, industrial, and remote areas).

Air

Air samples were collected continuously over monthly intervals from September 2002 to August 2003 to establish seasonal variations in dioxin levels, related, for example, to emissions from sources such as domestic wood heaters and bushfires.

The ten sites representing the four land–uses were:

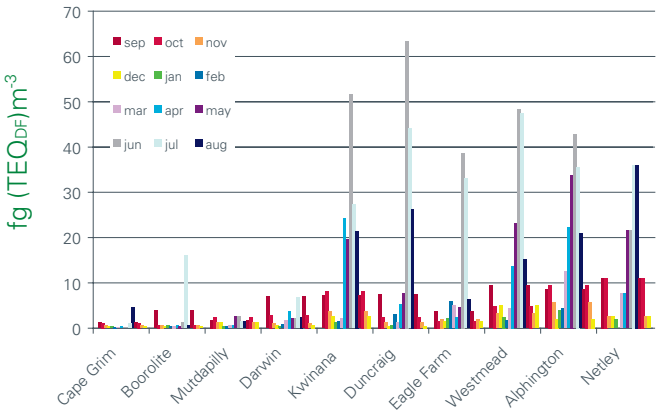
- Darwin, NT (urban)
- Eagle Farm, south–east Qld (industrial)
- Mutdapilly, south–east. Qld (agricultural)
- Westmead, Sydney, NSW (urban)
- Boorolite, lower north–east Vic agricultural)
- Alphington, Melbourne, Vic (urban)
- Cape Grim, Tas (remote – an Australian Baseline Atmospheric Pollution Station)
- Netley, Adelaide SA (industrial)
- Kwinana, Perth, WA (industrial)
- Duncraig, Perth, WA (urban)

The findings indicate an obvious seasonal cycle, with levels higher during winter in all cities, most likely due to smoke from domestic wood heaters.

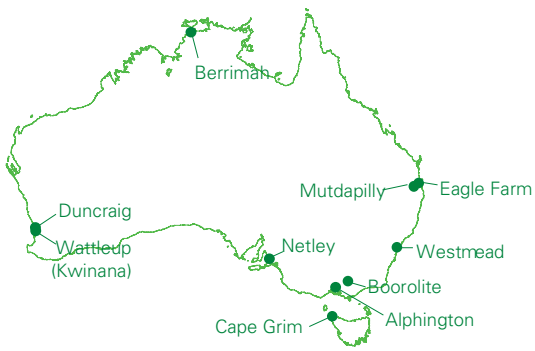
Despite the winter increase, overall mean annual levels in the major cities are still very low by world standards, with levels around 14–17 fg TEQ/m^3 compared with northern hemisphere cities with ranges of 20 to several hundred fg TEQ/m^3.

Seasonal cycles were also observed in rural Queensland and Victoria, although the cycles were weaker than in the cities.

Dioxins and furans increase over the winter months in the cities



Location of air sampling sites



dioxins in our environment

A dry to wet season difference was observed in Darwin with levels in the dry season around six times higher than the wet season. Nevertheless, mean annual levels in Darwin are still very low (less than 4 fg TEQ/m^3).

Extremely low levels were observed in clean marine air at Cape Grim and in agricultural locations (typically less than 1.5 fg TEQ/m^3).

The relative contributions of dioxins, furans and PCBs vary across locations. The Netley site in SA has higher levels of dioxin–like PCBs compared with other sites, but these are still very low compared with other countries. Further testing is currently being undertaken to determine the source of these PCBs.

Soils

Soils samples were collected from 86 locations across three regions and from remote sites in central and north–west Australia. Agricultural land–uses were classified according to the main agricultural practice (grazing, cotton, vegetables, sugarcane, forestry, cereals). Ten archived soils originally collected from a location near Adelaide since the 1920s were assessed for possible changes in dioxin levels.

Dioxins were found in most soils, with levels ranging from 0.05–23 pg TEQ/g dry weight. Levels across all land–use types in the northern and south–eastern regions were similar, but the levels in the south–western region were lower. Western Australia and inland areas recorded low levels.

Dioxins in soils from urban and industrial locations were substantially higher than levels in agricultural and remote locations, with the highest levels found in soils near south–east coast population centres.

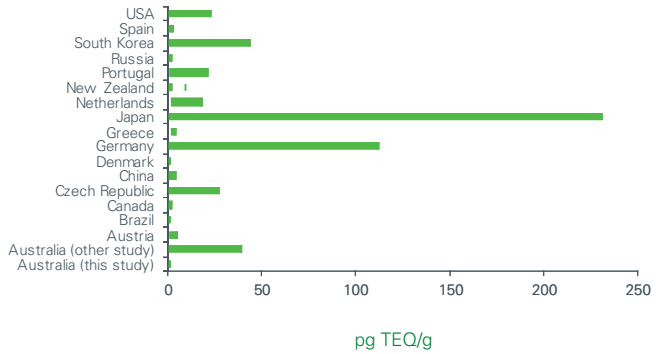
Across agricultural land–uses, dioxins levels were similar, with the exception of sugarcane districts. The higher levels are not likely to be related to sugarcane cultivation since they are the same as found in non–sugarcane growing areas throughout coastal Queensland. These dioxins may be formed through natural processes.

Archived samples contained detectable levels of dioxins, with levels in the 1925 sample greater than in the samples from the 1930s and 1940s. This may have been due to storage contamination so it is difficult to determine the causes for such variation.

Across all land–uses, dioxin levels in soils are on average much lower than those reported in many industrial countries.

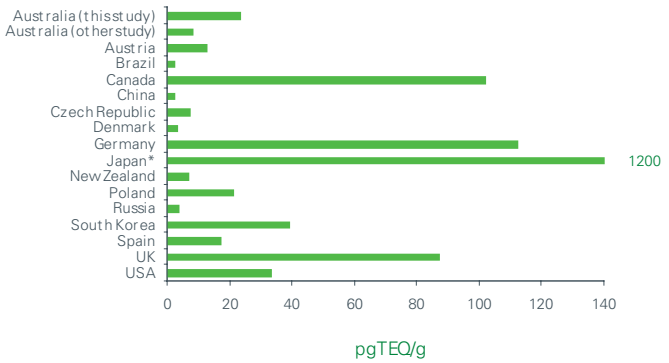
Dioxin levels in agricultural and remote soils in Australia compared with other countries

Note: the separate level for New Zealand represents a single sample



Dioxin levels in industrial and urban soils in Australia compared with other countries

* figure for Japan is 1200 pg TEQ/g



dioxins in our environment

Aquatic environment

As dioxins are insoluble in water, the most effective way of determining levels in aquatic environments is to analyse sediments and aquatic animals. Sediment samples were collected from 58 locations in freshwater, estuarine and marine locations. Samples of bivalves, such as oysters and mussels, were also collected. Fish from local commercial fisheries were included, with an emphasis on table species.

Dioxins were found in all sediments, with levels ranging from 0.002–520 pg TEQ/g dry weight. Urban/industrial areas had significantly greater levels of dioxins than samples from remote and agricultural locations.

Highest levels were found in the lower Parramatta River (100 and 520 pg TEQ/g) and the western section of Port Jackson (78 and 130 pg TEQ/g) in Sydney. These elevated levels may be due to historical contamination from former industrial sites near Homebush Bay. These sites are under going clean–up which will continue for the next five years.

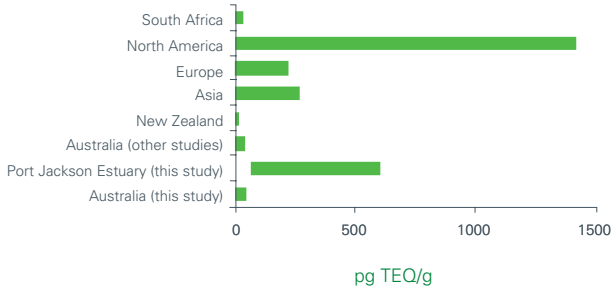
Elevated levels were found in other estuarine waters of Sydney (Botany Bay) as well as the estuaries in or near Brisbane, Melbourne, Hobart, Perth and Wollongong. Average levels across marine, freshwater and estuarine locations did not differ significantly.

The levels of dioxins in 18 bivalve samples ranged from 0.0043–0.2 pg TEQ/g wet weight, with highest levels from Port Jackson and the Yarra River, Victoria.

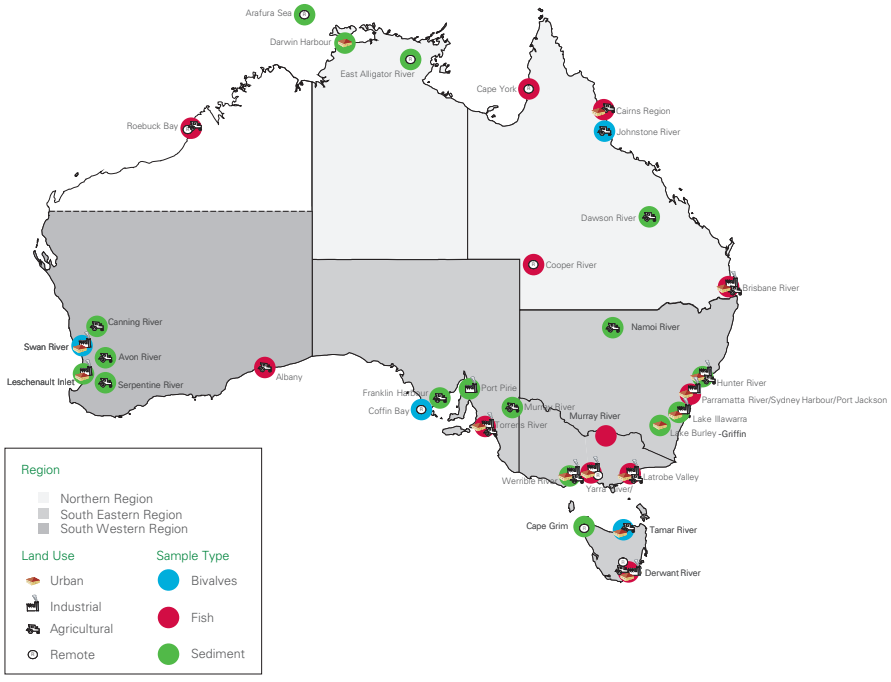
Dioxins in 23 fish samples ranged from 0.0053–0.49 pg TEQ/g wet weight. The level of dioxins was highest in fish sampled from the Sydney/Port Jackson area.

The results show dioxins levels in the aquatic environment are generally lower than for other industrialised countries but there are some sites where levels are elevated. Bivalve levels followed a similar pattern to the sediment levels. However, the fish had consistently low levels of dioxins.

Dioxin levels in sediments in Australia compared with other countries



Sampling locations for the aquatic study



dioxins in our environment

Fauna

Dioxins emitted to air can deposit on plant, soil and water surfaces. Dioxins can then enter the food chain when animals eat contaminated leaves, soils or sediments. The dioxins are then absorbed into animal fat. Dioxins increase in concentration as they move up the food chain, so that carnivores are more likely to have higher levels than herbivores.

Around 66 fauna samples were collected, mainly from dead animals, such as those near roads or stranded on beaches.

The study found the highest levels in birds of prey, with a maximum level of 3,900 pg TEQ/g lipid. Marine mammals also had comparatively high levels, with PCBs more prevalent than dioxins or furans. However, compared with other countries, the levels in marine mammals are low.

Levels were generally much lower in herbivorous animals such as kangaroos, galahs and dugongs. Levels in kangaroos ranged from 0.001–25 pg TEQ/g lipid. The levels in other marsupials (possums, koalas and bandicoots) were low and comparable to the kangaroos. Levels in platypus and echidnas ranged from 9.3–60 pg TEQ/g lipid.

Compared with fauna from other countries the levels are generally lower. The levels in birds of prey were lower than comparable species from other countries. The levels in one kangaroo sample was higher than for caribou in Canada (0.7–6.4 pg TEQ/g lipid) but less than sika deer from Japan (3.2–330 pg TEQ/g lipid). The levels in kangaroo on a fresh weight basis are even lower due to the lean nature of kangaroo meat.

For an assessment of the risk that dioxins pose to fauna, see the section What is the risk to our environment?

View the full reports of the environment studies on the CD–ROM at:
4. Dioxins in Ambient Air in Australia
5. Dioxins in Soils in Australia
6. Dioxins in Aquatic Environments in Australia
7. Dioxins in Fauna in Australia

Dioxin levels:
– in the environment are generally very low compared with other countries
– increase in air during winter in cities and are most likely due to emissions from domestic wood heaters
– in soils and sediments are highest in urban and industrial areas
– are higher in birds of prey than in other animals.

dioxins in our food

Dietary exposure

Food Standards Australia New Zealand has examined the dioxin levels in a range of foods to determine the level of dioxin exposure of Australians through food and to assess the human health risk.

Dioxin exposure through food is determined by examining dioxin levels in various foods and combining this with information on the daily diet of the population. Foods likely to contain dioxins are those that contain animal fats, such as dairy products, meat and meat products, fish and eggs.

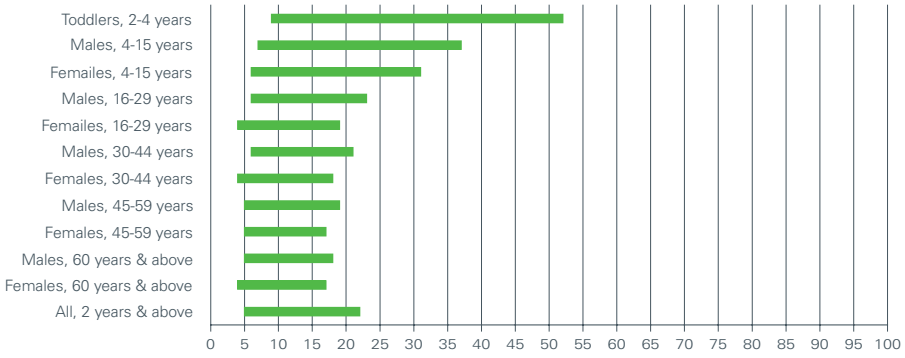
Dioxin levels in food were determined by analysis of 168 samples of 22 randomly sampled foods from Australian retail outlets which were prepared ready to eat. The mean range of dioxin concentrations found in the foods analysed are shown in the table on this page. The survey found that Australian foods have low levels of dioxins – similar to those reported in New Zealand and lower than other countries. These results were then combined with dietary information from the 1995 National Nutrition Survey to assess the population's dietary exposure.

As shown in the figure below, for all age groups from two years and over, the estimated monthly dietary levels of exposure to dioxins, for the average consumer, were well below the Australian Tolerable Monthly Intake (TMI) of 70 pg TEQ/kg body weight/month. Estimated monthly dietary exposures for high consumers were also below the TMI for all age groups.

Because of their high dietary intake relative to body weight, highest mean intakes for all age groups occur in infants and toddlers. In general terms, the estimated monthly level of exposure to dioxins for Australians (3.7–15.6 pg TEQ/kg body weight/month, lower to upper range) is similar to that of New Zealand (11.1 pg TEQ/kg body weight/month, middle value for adult males) and lower than that of other industrialised nations. For example, in the United Kingdom, the estimated exposure to dioxins for the population was 15–2pg TEQ/kg bw/month.

The major foods contributing to dioxin exposure for the Australian population over a lifetime were fish (including crustaceans and molluscs), milk and dairy products. For toddlers and children, the major foods contributing to dioxins exposure were milk and dairy products.

Mean range of exposures to dioxins for each population group in Australia, as a percentage of the Tolerable Monthly Intake.



Mean range of dioxin concentrations in food, in pg TEQ/g fresh weight

Food	Concentration range
Bacon	0.025–0.083
Baked beans	0.0012–0.016
Bread, white	0.00067–0.026
Butter	0.028–0.27
Chicken breast	0.0044–0.021
Eggs	0.0088–0.057
Fish fillets	0.59–0.64
Fish portions	0.019–0.039
Hamburger	0.00050–0.027
Infant formula	0.0036–0.018
Lamb chops	0.0044–0.045
Leg ham	0.0016–0.017
Liver pate	0.0025–0.043
Margarine	0.0025–0.058
Milk chocolate	0.0077–0.056
Milk, whole	0.0023–0.012
Minced beef	0.0054–0.048
Orange juice	0.00018–0.007
Peanut butter	0.035–0.25
Potatoes	0.00029–0.014
Sausage	0.0096–0.058
Tuna, canned	0.029–0.041

dioxins in our food

As there are limitations associated with the data used to characterise the risk associated with exposure to dioxins from food, in general, conservative assumptions were used to minimise the possibility that risks would be underestimated. On the basis of this analysis the public health and safety risk for all Australians from exposure to dioxins from foods is very low.

Agricultural commodities

The National Residue Survey, managed by the Australian Government Department of Agriculture, Fisheries and Forestry, collected around 220 samples of meat, fish and milk during November and December 2002.

The study found dioxin levels in these commodities are low and compare favourably with overseas products.

In the absence of an Australian commodity standard for dioxins and furans, the levels were compared against the European Union (EU) standard, as shown in the table below. None of the samples contained dioxin and furans exceeding this standard. The EU standard only refers to dioxins and furans and does not currently include dioxin–like PCBs. It is expected a new EU standard will be developed in the next few years which will include dioxin–like PCBs.

View the full reports of the food studies on the CD–ROM at:

8. Dioxins in Agricultural Commodities in Australia FSANZ dietary study, Technical report No. 27.

Dioxin levels in food are low and pose a very low health risk for all Australians.

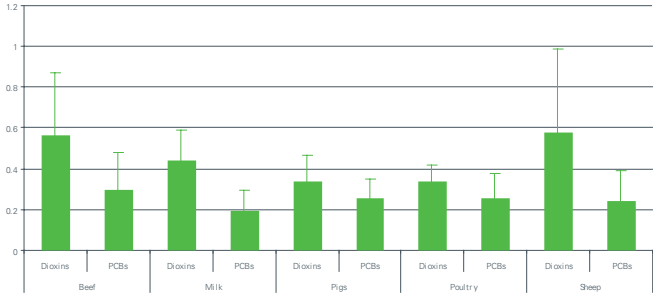
Dioxin levels in agricultural commodities compared with EU standards

Species	Number of Samples	EU Standard Maximum pg TEQ/g*	Mean result from this study** pg TEQ/g	Australian results compared with EU standard %
Beef	109	3	0.56	18.6
Sheep	45	3	0.57	19.1
Pig	20	1	0.33	33.1
Poultry	15	2	0.33	16.5
Fish (salmonids)	10	4	0.23	5.7
Milk	19	3	0.43	14.5

* on a fat basis except for fish where it is expressed on a fresh weight basis
** mean results for all upper bounds concentrations.

Mean dioxin and furan levels (pg TEQ/g fat) in all agricultural commodities except aquaculture fish

(T–lines indicate the highest level)



Species

dioxins in our bodies

Dioxins emitted to air can deposit on plant, soil and water surfaces. Dioxins can then enter the food chain when animals eat contaminated leaves, soils and sediments. In aquatic environments, filter–feeding animals can absorb dioxins when they filter sediments in the water. The dioxins are then absorbed into animal fat. Dioxins increase in concentration as they move up the food chain.

The consumption of animal products with high fat content, such as meat and dairy products, can increase human exposure to dioxins. Dioxins accumulate in body fat and the average concentration increases with age.

To determine dioxin levels in Australians, two studies were undertaken – one assessed levels in blood serum of the whole population and the other assessed levels in the milk of first–time mothers.

Blood serum

Blood serum samples were collected through a national pathology laboratory from over 9,000 individuals. They were pooled into 96 samples based on gender, age (under 16, 16–30, 31–45, 46–60 and over 60 years), and the following five regions:

- north–east (Brisbane, Tweed and Gold Coast and major population centres in Qld)
- south–east (Sydney, Canberra, Wollongong, Newcastle and other major population centres from NSW)
- south (Melbourne, Adelaide, Hobart and other major population centres from Victoria)
- west (Perth and other major population centres in WA)
- one rural region (all States and the NT).

The levels in the Australian population are very low by international standards, with a mean of 10.9 pg TEQ/g of lipid. They are comparable with, although lower than, those in the New Zealand population.

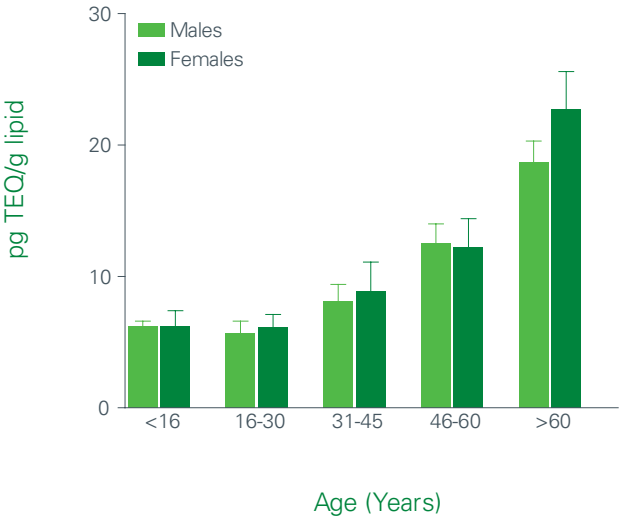
Dioxins levels between males and females showed no differences, except that slightly higher levels of dioxins were observed in females in the over 60 years age group. This result could not be explained on the basis of differences in the mean age between males and females in this group.

The study found dioxin levels increased with age. Reasons for this include on–going accumulation over a lifetime, the possibility that older people were exposed to much higher levels in the 1940s–1960s, and potential differences in metabolism and body fat.

Dioxin levels across the five regions were similar in each age range. Samples from the south–east region have slightly higher dioxin levels and females under 16 years have the highest levels of dioxins in rural regions.

As samples did not identify the donor, an assessment of any regional differences was complicated. The samples did not allow assessment of how long an individual lived in an area, their food intake or exposure to environmental contaminants.

Levels of dioxins in different age groups



dioxins in our bodies

Breast milk

Since breast milk is a rich source of fat, analysis of the levels of dioxins is valuable for estimating the total amount of dioxins in humans.

In order to compare the results with previous World Health Organization studies, mothers were selected using the following criteria:

- first–time mother with a baby aged two to eight weeks
- exclusively breast feeding
- willing to provide a minimum of 100 ml of milk over a six week period (two–eight weeks after birth)
- healthy pregnancy, mother and child
- a resident of the area for the past five years.

In total, 173 individual samples were collected from 12 metropolitan and rural regions (Brisbane, Sydney, Melbourne, Adelaide, Perth, Hobart, rural inland NSW, rural Queensland, rural Victoria, Newcastle, Wollongong and Darwin). These were pooled into 17 samples for dioxin analysis.

Dioxins were detected in all groups, with a mean of 9 pg TEQ/g of lipid. There were no significant differences observed in the levels collected from the different regions.

These samples were compared with samples collected from Melbourne women in 1993 and showed that levels had almost halved from 1993 to 2003.

Breast milk may contain low levels of dioxins because of its fat content, but all babies are exposed to dioxins even if they are not breastfed. Alternative foods for babies, such as infant formula, may also contain dioxins because of their fat content. Breast feeding is still the normal and most appropriate method for feeding infants, as supported by the World Health Organization.

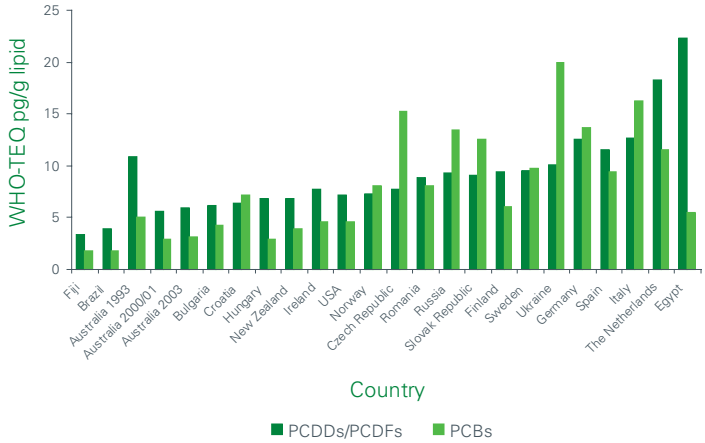
View the full reports of the studies of dioxins in our bodies on the CD–ROM at:

9. Dioxins in the Australian Population: Levels in Blood
10. Dioxins in the Australian Population: Levels in Human Milk

Dioxin levels in our bodies
– are low by international standards and have declined, reflecting similar world–wide trend over recent decades
– increase with age.

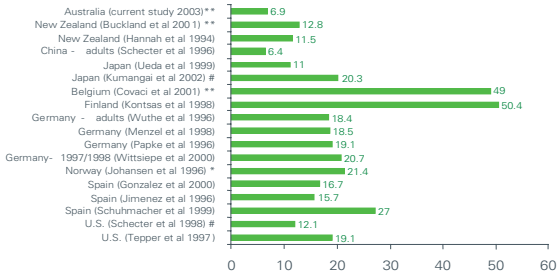
Levels of dioxins in the breast milk of Australian women compared with other countries

All data is from a World Health Organization study in 2001 except for the "Australia 2003" figure, which represents the National Dioxins Program study.



Levels of dioxins and furans in Australians compared with other countries

Note this figure does not include PCBs



what is the risk to our environment?

Risk assessment is the process of estimating the potential impact of chemicals or other factors on people or on the environment, under a set of conditions and for a certain timeframe. Risk assessment identifies and characterises potential hazards, and determines the likelihood of their occurrence at the known levels of exposure.

Ecological risk assessment determines if chemicals will have adverse impacts on organisms in the environment. Unlike human health risk assessment, which seeks to characterise risks to individuals, ecological risk assessments aim to characterise risks to ecosystems, populations and species.

Dioxins can adversely affect many vertebrate species. At low levels they can disrupt the development of the endocrine, reproductive, immune and nervous systems of the offspring of fish, birds and mammals.

This ecological risk assessment has three main parts: the hazard assessment, the exposure assessment, and the risk characterisation. This hazard assessment used published studies examining the toxic effects of dioxins on a limited number of species. The data from these studies were adopted to assess the potential risk to native wildlife, for which no toxicity data is available. The exposure assessment was based on the data from the soil, aquatic environment and fauna studies. The risk characterisation was performed by combining information from the hazard and exposure assessments, to estimate the likelihood of harm.

The risk assessment found that:

- Dioxins, furans and PCBs contributed equally to the load in birds and terrestrial mammals, while for marine mammals, PCBs contributed over 90 per cent of the load in dolphins and seals, and over 80 per cent in whales
- There is a potential risk to birds of prey from exposure to dioxins
- Terrestrial mammals are at a low risk when exposed to background levels of dioxins. However, the absence of data on the toxicity of dioxins to native marsupials and monotremes adds significant uncertainties to this assessment. The effect of different reproduction strategies between placental mammals and marsupials for dioxin exposure at sensitive life stages is not known
- Fish are at a low risk when exposed to the dioxin levels found in the Australian aquatic environment. This assessment is based on levels found in fish caught for the aquatic environment study
- Marine mammals living in the open oceans of Australia have no risk
- Based on the small number of samples collected in the fauna study, a potential risk is indicated for dolphins living in the vicinity of urban/industrial estuaries, which had higher levels of dioxins in their bodies than mammals living in the open ocean.

what is the risk to our environment?

Limitations of the assessment

All risk assessments have uncertainties due to knowledge and data gaps, which require the adoption of assumptions to cover these gaps. This assessment was no exception. The conclusions are based on the small number of fauna samples, comprising a limited number of species whose sensitivity to the toxic effects of dioxins is unknown.

A conservative approach has been adopted in this risk assessment to prevent underestimation of the risk. Inherent uncertainties should be taken into account when interpreting the results of the risk assessment.

More reliable risk estimations would require information on the toxicity of dioxins to Australian wildlife. Animal ethics committees and current State legislation generally do not allow toxicity testing on native species. More targeted sampling of birds of prey and other species, in association with field observations of potentially exposed populations, would help to clarify whether dioxins are having a real impact on bird populations.

View the full report of the ecological assessment on the CD–ROM at:
11. Ecological Risk Assessment of Dioxins in Australia

Dioxins are higher in carnivorous animals such as birds of prey and lower in herbivores such as kangaroos. There is a potential risk to marine mammals living near urban areas and to birds of prey.

what is the risk to our health?

Dioxins in the general population

The human health risk assessment used data from the information studies and the findings of overseas studies.

For the general population, over 95 per cent of exposure to dioxins is through the diet, with foods of animal origin such as meat, dairy products and fish being the main sources. Based on the dietary study of dioxins, the intake of dioxins for the Australian population is lower than in most other countries.

An Australian Tolerable Monthly Intake value for dioxins of 70 pg TEQ/kg body weight/month, was recommended by the National Health and Medical Research Council and the Therapeutic Goods Administration in 2002. This human health standard was based on the most sensitive reproductive effects of dioxins in animals. The risk assessment found that for Australians aged 2 years or older, the monthly intake of dioxins was between 3.9–15.8 pg TEQ/kg bw/month or between 6–23 per cent of the Tolerable Monthly Intake.

Intakes are lower in females than males for the same age, and decline with age in both sexes, the most rapid decline occurring after puberty. Infants and toddlers had a higher intake.

Using the findings of the blood serum study, body burdens and average lifetime daily exposures (ALDE) were calculated. The mean ALDE was estimated as 1.32 TEQ pg/kg bw/day (minimum of 0.13 pg/kg bw/day for ages under 16 years; maximum of 2.96 pg/kg bw/day for 60 years and older). The ALDE estimate is higher than the estimated dietary intake because it includes historical exposures, which are likely to have been higher than current exposures, as well as intake of dioxins from non–food sources.

These intake figures are not a significant cause of concern and are lower than those in other developed countries.

Exposure to dioxins from other sources

Dioxins enter the environment mainly from combustion processes.

Intake of dioxins through the skin, ingestion from soil and from breathing are minor contributors to exposure of the general population. Cigarette smokers are likely to have higher intakes of dioxins than non–smokers.

Australia has low dioxin levels compared to other industrialised countries. It is possible that the largest emitters to the environment are not the major contributors of dioxins contamination of food. Nevertheless, protection of land and aquatic environments used for food production is important to reduce the intake of dioxins.

This assessment, whilst not an occupational health and safety risk assessment, also briefly considered 'special' populations who may have been exposed to dioxins above background levels e.g. workers who used pentachlorophenol (PCP) for treating timber and dioxin–contaminated 2,4,5–T herbicide. In view of the relatively small number of occupationally exposed cases known or studied in Australia, as well as the lack of data on blood levels of dioxins in these workers, it has not been possible to draw clear conclusions about the health effects of such exposures. PCP and 2,4,5–T were withdrawn from use in Australia a number of years ago.

what is the risk to our health?

Dioxins in breast milk

Unborn children are exposed to dioxins in the womb, and nursing infants are exposed to dioxins in breast milk. Because of their high dietary intake relative to bodyweight, the highest mean intake of dioxins for all age groups occurs in infants and toddlers. These findings do not change the health advice that breast milk provides the ideal nutritional start to life. The intake in question is low and gets lower as the body develops to adult size.

Dioxins and cancer

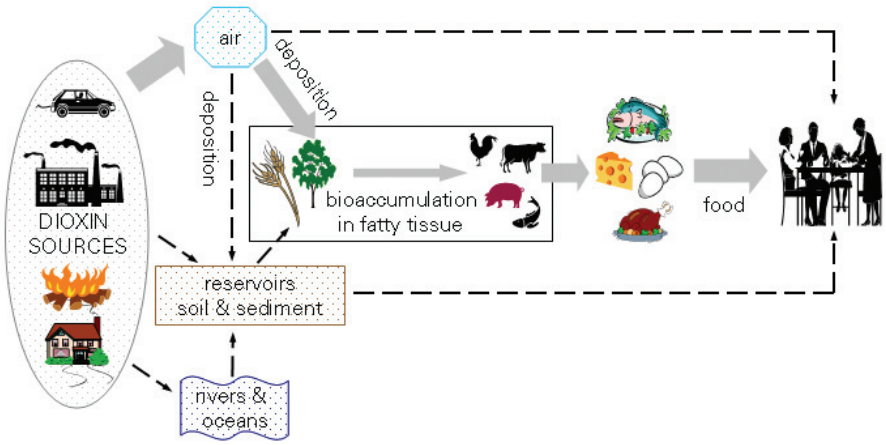
A number of agencies in other countries have tried to provide quantitative estimates of cancer risk, based on low–dose extrapolation from both animal and human data. The difficulties with estimating cancer risk include ongoing debate about the existence of a threshold level below which dioxins will not increase cancer risk and questions about the potency of the dioxins in causing cancer. Consequently, given the variability in quantitative risk estimates, this assessment has not attempted to make a quantitative risk conclusion.

The estimated intakes are below the Tolerable Monthly Intake, providing an adequate margin of safety for any possible increased risk of cancer. Furthermore, it is noted that the levels of dioxins in Australians are well below the levels associated with increased cancer risk in humans that has been seen in highly exposed industrial workers and communities exposed to industrial accidents in other countries.

View the full report of the health assessment on the CD–ROM at:
12. Human Health Risk Assessment of Dioxins in Australia

The monthly intake of dioxins from food for Australians older than 2 years was between 3.9–15.8 pg TEQ/kg bw/month or between 6–23 per cent of the Tolerable Monthly Intake. The risk to the health of Australians is very low.

Pathway for dioxins entering our bodies



glossary

Lipids	Lipids include fats and oils.
Limit of detection	Limit of detection, the lowest level at which a chemical can be measured in a sample by the analytical method used.
TEQ	Toxic Equivalents – allows the toxicity of a complex mixture to be estimated and expressed as a single number. A set of weighting factors has been determined for each type of dioxin, which expresses the toxicity of each type in terms of its equivalent mass of TCDD 2,3,7,8–Tetrachlorodibenzo–p–dioxin). Multiplication of the mass of the congener by its weighting factor (or toxic equivalency factor, TEF) yields the corresponding TCDD mass (or TEQ). The total toxicity of any mixture is the sum of the TEQs for each type of dioxin.
Upper bound	The maximum possible TEQ.
Units of measurement	
ng	nanogram $=10^{-9}$ gram (0.000 000 001g)
pg	picogram $=10^{-12}$ gram (0.000 000 000 001g)
fg	femtogram $=10^{-15}$ gram (0.000 000 000 000 001g)
Tolerable monthly intake	The amount of a substance which can be consumed over a month with no appreciable risk to health.

Copies of the reports contained in this CD–ROM can be accessed electronically from:

http://www.deh.gov.au/industry/chemicals/dioxins/index.html

National Dioxins Program

Technical Report No. 12
Human Health Risk Assessment of
Dioxins in Australia

Revised July 2005

A consultancy funded by the Australian Government
Department of the Environment and Heritage

Prepared by the Office of Chemical Safety

Australian Government
Department of the Environment and Heritage

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This technical report is No. 12 of 12 under the National Dioxins Program:

1. Dioxins emissions from Bushfires in Australia
2. Dioxins emissions from Motor Vehicles in Australia
3. Inventory of Dioxin emissions in Australia, 2004
4. Dioxins in Ambient Air in Australia
5. Dioxins in Soils in Australia
6. Dioxins in Aquatic Environments in Australia
7. Dioxins in Fauna in Australia
8. Dioxins in Agricultural Commodities in Australia
9. Dioxins in the Australian Population: Levels in Blood
10. Dioxins in the Australian Population: Levels in Human Milk
11. Ecological Risk Assessment of Dioxins in Australia
12. **Human Health Risk Assessment of Dioxins in Australia**

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Foreword

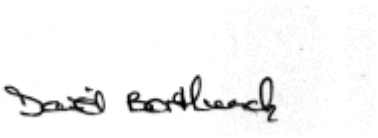
When the Australian Government established the four year National Dioxins Program in 2001, our knowledge about the incidence of dioxins in Australia was very limited.

The aim of the program was to improve this knowledge base so that governments were in a better position to consider appropriate management actions. Starting in mid 2001, a range of studies were undertaken which involved measuring emissions from sources such as bushfires, as well as dioxin levels in the environment, food and population. The findings of these studies were used to shed light on the risk dioxins pose to our health and the environment.

This work has been completed and the findings are now presented in a series of twelve technical reports.

Having good information is essential if there is to be timely and effective action by governments; these studies are a start. Our next step is to foster informed debate on how we should tackle dioxins in Australia, as this is an obligation under the Stockholm Convention on Persistent Organic Pollutants. The Department of the Environment and Heritage will be working closely with other Australian Government, State and Territory agencies to take this step.

Ultimately, the effective management of dioxins will be the shared responsibility of all government jurisdictions with the support of the community and industry.



David Borthwick
Secretary
Department of the Environment and Heritage

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- the Department of Agriculture, Fisheries and Forestry, who assessed the levels of dioxins in agricultural commodities
- Food Standards Australia New Zealand and the Department of Health and Ageing and who assessed the levels of dioxins in foods and assessed the health effects of dioxins
- officers of the Chemical Assessment Section in DEH who assessed the ecological effects of dioxins
- members of the National Dioxins Project Team which included representatives from the State and Territory environment protection agencies, the Australian Health Ministers Conference and the Primary Industries Ministers Council
- members of the National Dioxins Consultative Group which included representatives from industry and agricultural sectors, environment and public health groups and research institutions.

Project Team

This health risk assessment was conducted by the Office of Chemical Safety (OCS) within the TGA Group of Regulators, part of the Australian Department of Health and Ageing (DoHA). Preparation of the report was coordinated by Dr Les Davies. Chapter authors were Drs Les Davies, Graham Harvey, Kaylene Raynes, Michael Dornbusch and Deborah Willcocks. Ms Joanne Cuthbert was responsible for collation and indexing of the manuscript.

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Preface

Dioxins are a group of fat-soluble chemicals which are highly persistent in the environment and which can accumulate in the body fat of animals. If exposure to dioxins is sufficiently extensive, they can cause a range of toxic effects in animals and humans, including skin lesions, reproductive disorders and cancer.

In Australia, relevant Australian Government agencies have been undertaking monitoring programs to determine whether dioxins and related compounds are present in humans, the environment, food, and in certain agricultural commodities. As part of these monitoring programs and their reporting, the Department of Environment and Heritage (DEH) and the Department of Agriculture, Fisheries and Forestry (DAFF) sought advice from the Department of Health and Ageing (DoHA) on establishing a tolerable intake for dioxins and related compounds.

Largely based on the deliberations of (1) the consultation between technical experts representing the World Health Organization European Centre for Environmental Health (WHO-ECEH) and the International Programme on Chemical Safety (IPCS) in May 1998; (2) the meeting of the European Community Scientific Committee on Food (EC-SCF) on the risk assessment of dioxins and dioxin-like polychlorinated biphenyls (PCBs) in food, in May 2001; and (3) the Joint Food and Agriculture Organization of the United Nations (FAO)/WHO Expert Committee on Food Additives (JECFA) evaluation of dioxins, at its 57th meeting in June 2001, Australia established a Tolerable Monthly Intake (TMI) for dioxins of 70 pg TEQ/kg bodyweight from all sources combined. This tolerable intake is equal to that set by JECFA, and includes polychlorinated dioxins, polychlorinated furans and dioxin-like PCBs, as specified under the WHO 1998 TEF scheme. This TMI was endorsed by the National Health and Medical Research Council (NHMRC) on 24th October 2002, as outlined in the booklet, Dioxins: Recommendation for a Tolerable Monthly Intake for Australians, published jointly by the NHMRC and the Therapeutic Goods Administration (TGA)[1], organisations within DoHA.

The tolerable intake value is a human health standard based on the toxicological effects of dioxins and related compounds in animals and humans, following known exposures. The tolerable intake value is not a measure of human exposure to dioxins and it is not an action level for dioxins in food or the environment. Rather, it is an intake standard, against which estimated human exposure from all sources combined should be compared.

This risk assessment document has estimated exposure of the Australian population to dioxins, based on levels measured in monitoring programs conducted by the DEH (air, soil, water sediments etc.), by DAFF (agricultural commodities) and Food Standards Australia New Zealand (food). Intake estimates have been compared with the tolerable

[1] Available through Government Info Bookshops. To purchase a hard copy, please contact AusInfo on their toll-free number 132 447, or via www.ausinfo.gov.au/general/gen_hottobuy.htm. The report is accessible electronically through the NHMRC homepage at http://www.nhmrc.gov.au.

monthly intake value in order to make an assessment as to whether there are likely to be any health risks to different segments of the Australian population. Furthermore, intake estimates and body burdens of dioxin-like compounds have been compared with equivalent values estimated in other countries, to see whether the population is more or less exposed than populations in other parts of the world.

It should be noted that occupational exposures are not specifically considered in this public health risk assessment, other than the inclusion of some relatively general comments about intakes from some specific exposure sources.

Executive Summary

This report has been prepared by the Australian Department of Health and Ageing (DoHA) as an appraisal of the health risks posed to the Australian population by polychlorinated dibenzo-p-dioxins (PCDDs), polychlorinated dibenzofurans (PCDFs) and the dioxin-like polychlorinated biphenyls (PCBs), known collectively as 'dioxins' or 'dioxin-like compounds'.

The Department of Environment and Heritage collected information on the levels of dioxin-like compounds in various environmental media in Australia, including air, soil, and sediments. It also collected data on concentrations of dioxins in the blood serum of different segments of the population. In related projects, Food Standards Australia New Zealand (FSANZ) measured the levels of these compounds in various foods and estimated dietary intakes in different population subgroups, the Australian Department of Health and Ageing (DoHA) measured dioxin-like compounds in breast milk, and the Australian Department of Agriculture, Fisheries and Forestry (DAFF) reported on levels in various agricultural commodities including meat, milk and fish. These, together with other data collected by the Department of Environment and Heritage, have been used in this population exposure assessment and health risk appraisal, conducted by the Office of Chemical Safety (OCS) within DoHA. This report also presents a summary overview of our current understanding of the health risks associated with exposure to dioxin-like compounds, and reviews health guidelines that have been established by Australia and other jurisdictions.

From a consideration of the Australian exposure data, and a review of the published scientific literature on dioxin-like compounds, the following observations and conclusions can be made.

Overview of exposure estimates for the Australian population

For the general population, over 95% of exposure to dioxin-like compounds is through the diet, with foods of animal origin such as meat, dairy products and fish being the main sources. Generally, Australian foods have levels of PCDD/Fs and PCBs that are similar to those reported in New Zealand and lower than those reported from other areas of the world. Thus, based on a dietary study for dioxin-like compounds conducted by FSANZ (FSANZ, 2004), the level of dietary intake of these chemicals for the Australian population appears to be lower than exposures reported for any other country where exposure studies have been undertaken. For all Australians aged 2 years or older, the mean upper bound estimated monthly intake of dioxins is 16 pg TEQ/kg bw/month, where the toxic equivalents (TEQ) are based on the toxic equivalent factors (TEFs) developed in 1997 for dioxin-like compounds by the World Health Organization (WHO) (Van den Berg et al, 1998). Monthly mean intakes per unit bodyweight are lower in females than males for the same age, and decline with age in both sexes, the most rapid decline apparently occurring after puberty. Unborn children are exposed to dioxin-like compounds *in utero*, and nursing infants are exposed to these contaminants present in breast milk. Because of their high dietary intake relative to bodyweight, highest mean intakes for all age groups occur in infants and toddlers.

Similarly, the results of the study of dioxin-like compounds present in serum (Harden et al, 2004) show that measured levels in the tissues of Australians are at the low end of the scale of levels reported internationally. The mean serum concentration across the population was determined as 11 ng WHO-TEQ/kg on a lipid-adjusted basis (range: 4.6-28 ng WHO-TEQ/kg lipid). From these serum data, body burdens and average lifetime daily exposures (ALDE) were calculated. The mean ALDE for all data was estimated as 1.32 pg WHO-TEQ/kg bw/day (minimum of 0.13 pg WH)-TEQ/kg bw/day for the population aged <16 years; maximum of 3.0 pg WHO-TEQ/kg bw/day for the population aged 60 years). The higher ALDE estimate compared to the estimated dietary intake is because the ALDE includes historical exposures, which are likely to have been higher than current exposures, as well as intakes from non-dietary exposure pathways.

A study (Müller et al, 2003a) measured concentrations of PCDD/Fs and dioxin-like PCBs in milk of Australian nursing mothers collected over late 2001 to 2003. Overall mean TEQ levels (upper bound) were 9.0 ng WHO-TEQ/kg of milk fat. The levels of dioxin-like chemicals in the breast milk of Australian women are similar across all regions of Australia but low by international standards. This reflects the conclusions about body burdens of dioxin-like compounds made from the serum level data. In Australia, concentrations of dioxin-like compounds in breast milk have fallen significantly (about 45%) within the past decade, an observation consistently noted in monitoring programs from a large number of other countries. This reflects a world-wide trend over recent decades of declining levels of dioxin-like compounds in the environment and in human tissues.

The generation of dioxins results predominantly from combustion processes and atmospheric transport represents the primary route for transport of dioxins into the environment.

Intake of dioxins by dermal absorption from, or ingestion of soil and by inhalation from air are only minor contributors to exposure of the general population to dioxins. Cigarette smokers are likely to have somewhat higher intakes of dioxins than non-smokers.

It has been estimated that bushfires may contribute at least 20-30% of the total release of dioxin-like compounds to the Australian environment. Bushfires, grass and scrub fires have been part of the Australian landscape for aeons. Thus, humans and the environment have been exposed to low levels of dioxin-like compounds and human metabolism has been coping with dioxin compounds for thousands of years.

The Australian National Pollutant Inventory (NPI) 2003 estimates the relative contribution of various sources to total dioxins emissions in Australia. Comparatively low levels of PCDD/F emissions have been reported relative to most other industrialized countries. It is possible that the sources with the largest estimated total emissions to the environment are not the major contributors of PCDD/F contamination of food (the largest contributor to intake of dioxin-like chemicals for the general population).

Nevertheless, protection of land and aquatic environments used for food production is very important, in order to reduce general population intakes of dioxin-like compounds.

Higher exposures, such as may occur in the workplace, have been restricted to smaller groups of people. Historical, occupational exposures to PCDD/Fs have largely been restricted to individuals involved in the handling and use of the pesticides such as pentachlorophenol (PCP) and 2,4,5-trichlorophenoxyacetic acid (2,4,5-T). These chemicals are no longer approved for use in Australia.

Toxic effects of dioxin-like compounds

The most widely studied of all the dioxin-like compounds is 2,3,7,8-tetrachlorodibenzo-*p*-dioxin (2,3,7,8-TCDD, or TCDD). It has been shown to affect a wide range of organ systems in many animal species and can induce a wide range of adverse biological responses. The binding of TCDD to the so-called aryl hydrocarbon (*Ah*) receptor in cells appears to be the first step in a series of events that manifest themselves in biological responses, including changes at the biochemical, cellular and tissue level. Binding to the *Ah* receptor occurs in laboratory animals and humans. This being the case, the results of studies in animal have been used to predict health effects that may not yet have been demonstrated in human studies. Notwithstanding this common mechanism of action, it is noted that there are considerable species and strain differences in the acute toxicity of dioxins.

Adverse effects reported in animals following exposure to dioxins include immunotoxicity, endometriosis in Rhesus monkeys, developmental, behavioural effects in offspring of treated Rhesus monkeys, and developmental effects in rats (including reproductive toxicity in males and urogenital malformations in females).

Available epidemiological data indicate that dioxin-like compounds produce a variety of biochemical responses in humans, some of which occur at relatively low exposure levels. Induction of hepatic enzymes, changes in hormone levels and reduced glucose tolerance are examples of subtle changes that may occur at comparatively low exposures. However, these subtle effects are of unknown clinical significance, and may or may not indicate a toxic response or potential for a toxic response.

In humans, the most widely recognized and consistently observed effect following high dose exposure to TCDD is chloracne. The condition can disappear after termination of exposure or can persist for many years. Other effects on the skin include hyperpigmentation and hirsutism. TCDD can cause long-term alteration in glucose metabolism and there is some evidence of a weak correlation between the incidence of diabetes and occupational or accidental exposure to dioxins; however, background exposure to dioxins is not a significant risk factor for diabetes. Effects on the respiratory system, manifested mainly as upper respiratory tract irritation, have resulted from acute exposure to high concentrations of TCDD. Other irritant effects resulting from acute exposure include conjunctivitis with red and irritated eyes, and inflamed eyelids (blepharitis). TCDD exposure has been suggested to cause slight changes in thyroid function, but clinical illness associated with immune system disorders does not appear to have been associated with TCDD in any cohort studied. There is some suggestive

evidence of toxicity to the cardiovascular system. Some studies report that higher exposure to dioxins is associated with elevated blood lipids (hyperlipidemia) and increased frequency of ischaemic heart disease (damage due to poor blood circulation), valvular heart disease, and degeneration of the retina of the eye (retinopathy).

While dioxins can increase the incidence and severity of endometriosis in monkeys, epidemiology studies and small, hospital-based case-control studies have failed to provide compelling evidence for or against an association of environmental contaminants and endometriosis in humans. Results from human studies of developmental effects and exposure to TCDD have generally been inconclusive. Studies of the risk of spontaneous abortion involving occupational and environmental herbicide exposure have generally not found increased risks. Several studies indicate that paternal exposure to dioxins may be associated with the birth of more girls than boys; however, the median concentration of dioxin in fathers in one such study was about 20 times the estimated average concentration of TCDD currently found in human beings in industrialised countries.

The potential neurotoxicity of PCBs was first recognized when people in Japan (1968) and Taiwan (1978-1979) consumed rice oil highly contaminated with PCBs and PCDFs; offspring had poorer cognitive functioning as well as other behavioural problems. In the recent Dutch PCB/Dioxin Study, assessment of school-age children suggested that subtle cognitive and motor developmental delays arising from prenatal PCB and dioxin exposure were seen when parental and home characteristics were less optimal but such effects were not measurable in children raised in more optimal environments. A number of literature studies indicate that the beneficial effects of breast feeding on infant development far outweigh any possible negative effects arising from the somewhat higher intake of dioxins in breast-fed as cf. formula-fed infants.

Of the range of non-cancer health effects evaluated in exposed adult populations, some appear to be transient and not observed when exposure ceased, whereas other effects persist for some years. Overall, epidemiology studies on populations exposed occupationally or environmentally to TCDD have not demonstrated any significantly increased all-cause or non-cancer mortality.

Experimental studies demonstrate that TCDD is carcinogenic in all species and strains of laboratory animals tested. It has been characterised as a multi-site carcinogen. However, short-term studies have shown a lack of direct DNA-damaging effects, indicating that TCDD is not an initiator of carcinogenesis, but is a potent tumour promoter. Although the mechanisms of carcinogenicity are not fully known, the ability of TCDD to enhance proliferation and inhibit apoptotic processes in focal hepatic lesions supports an indirect mechanism of carcinogenicity. Nevertheless, in the whole-of-life rat cancer study which has driven cancer risk estimates made by a number of regulatory agencies, it should be borne in mind that there were also significant reductions in the incidence of a number of cancers including spontaneous benign tumours of the uterus, benign and malignant mammary tumours and pituitary adenocarcinomas (in female rats), and in adrenal gland phaeochromocytomas and pancreatic adenomas (in male rats). Although the mechanisms for such reductions in

tumour incidence are not well understood, reductions in body weight as a result of TCDD exposure and disruption of endocrine homeostasis are two possible explanations.

Epidemiological evidence from the most highly exposed occupational cohorts studied produces the strongest evidence in humans of an increased cancer risk from exposure to dioxins, when the data are considered for all cancers combined. There is weaker evidence of an increased cancer risk when the data for cancers at particular sites are considered. From the occupational studies, and an understanding of biological plausibility as shown by animal studies, the International Agency for Research on Cancer (IARC) has concluded that TCDD is carcinogenic to humans. It is difficult to find epidemiological data that have sufficient dose-response information to provide reliable risk estimates for cancer in exposed human populations. Modelling is complicated by uncertainties in extrapolating current body burdens of dioxins to past occupational exposure and by the choice of the dose-response model to fit the data. In specific cohorts, excess risks were observed for reproductive cancers (female breast, endometrium, male breast, testis) but, overall, the pattern is inconsistent. There is a small increase in relative risk for all cancer combined in the most highly exposed and longer-latency sub-cohorts. The possibility that this small increase in relative risk is due to confounding factors cannot be excluded.

A number of key studies documenting a variety of health effects of TCDD in laboratory animals have been used to establish human health guidelines for exposure to dioxin-like compounds. However, most data on the health effects of PCDD/Fs have been obtained using the most toxic congener, 2,3,7,8-TCDD. Despite only having limited data on the toxic effects of other dioxin-like PCDD/Fs and PCBs, it may be inferred that biochemical, cellular and tissue-level effects that are elicited by exposure to TCDD are also induced by other chemicals that have a similar structure and that bind to the *Ah* receptor. Thus there is general agreement that the use of Toxic Equivalence Factors (TEFs) to estimate the potency of dioxin-like compounds (relative to TCDD) is a useful procedure, applying the concept of additivity for the PCDDs, PCDFs and dioxin-like PCBs to provide total Toxic Equivalence Quotient (TEQ) estimates. The TEQ approach involves assessing the comparative effects of individual PCDD/F and PCB congeners on various biological end-points, and deriving TEFs based on the upper range of potency data for these effects. The concept of toxic equivalents in evaluating mixtures of PCDD/Fs and dioxin-like PCBs has been fundamental to the conduct of health risk assessments. Estimates of population exposures suggest that a significant proportion of the total intake of dioxin-like compounds (measured as TEQs) is from congeners other than 2,3,7,8-TCDD.

Tolerable Monthly Intake

Based on an analysis of various international hazard assessments and relevant literature published between 1999 and late 2003, it is considered that the Australian Tolerable Monthly Intake (TMI) of 70 pg/kg bw/month as recommended by the NHMRC and the TGA's Office of Chemical Safety in 2002 should be adequately protective of the general population with respect to effects of dioxin-like compounds. This value is the same as that set by the WHO/FAO Joint Expert Committee on Food Additives and Contaminants (JECFA) in 2002.

Health Risk Assessment

Intakes of dioxins from the various sources can be compared with the Tolerable Monthly Intake (TMI) health intake value established by the TGA and NHMRC (NHMRC/TGA, 2002). For the majority of the population, their average intake of dietary dioxins (per unit bodyweight) was significantly lower than this value, being between 10-54% of the TMI, somewhat higher in infants and toddlers, based on samples taken in 2000 and food consumption data from 1995. Estimates of intake based on serum concentrations suggests that during approximately the last 25 years the average intake was probably close to 1.3 pg WHO-TEQ/kg bw/day. On international comparisons with intakes estimated in other developed countries, these figures are not a significant cause of concern. Nevertheless, on the basis of scientific uncertainties in the establishment of the tolerable health intake value, sensible policy would dictate continuing efforts to reduce, where possible, the emissions of dioxin-like compounds to the environment.

A number of national agencies have endeavoured to provide quantitative estimates of cancer risk, based on low-dose extrapolation from both animal and human data. In view of the ongoing debate about the existence of a threshold level below which dioxins will not increase cancer risk, about the potency of the various dioxins, furans and PCBs in causing cancer, and the variability in various quantitative risk estimates, this assessment has not endeavoured to make a quantitative risk conclusion. The estimated intakes are below the TMI, which provides an adequate margin of safety for any possible increased risk of cancer. Furthermore, it is noted that the body burden of dioxins in the general population is significantly lower than the body burdens of the most highly exposed industrial cohorts where there is evidence of some increased cancer risk.

On the basis of the findings of this risk appraisal, the Australian population can be confident that current background exposures to dioxin-like compounds are generally low compared with other similar countries. Because of the ubiquitous presence of various dioxin-like compounds in human tissues, as well as in the milk of mothers worldwide, infants can be exposed to these compounds both prenatally and during breast feeding. A number of studies indicate that any neurological deficits associated with exposure to dioxins and other organochlorine contaminants appears to be associated with *in utero* exposure rather than breastfeeding. This finding adds to the reasons for taking a prudent and precautionary approach with respect to risk management steps to reduce population exposures to these chemicals. Nevertheless, all the available scientific and medical studies indicate that any subtle effects which might result from early exposure to extra dioxin-like compounds in breast milk are quickly outweighed by the multiplicity of beneficial effects from breast feeding.

This report, whilst not an occupational health and safety risk assessment, also briefly considers ‘special’ populations who may have be exposed to dioxin-like compounds above background levels eg. workers who were occupationally exposed to PCDD/F from the use of PCP in the timber industry and dioxin-contaminated 2,4,5-T in agricultural woody weed control. In view of the relatively small number of occupationally exposed cases known or studied in Australia, as well as the lack of data

on blood levels of TCDD/Fs and PCBs, it has not been possible to draw clear conclusions about health effects of such exposures.

Recommendations relating to risk management

Notwithstanding the observation that the Australian population is exposed to low levels of dioxins, it would be prudent, in the light of the environmental persistence and long biological half-lives for many of the congeners of these dioxin-like compounds, to take all reasonable steps to further reduce human exposure, by reducing and if possible eliminating, significant sources of PCDD/PCDF generation.

Although hundreds of epidemiology studies have looked at the human health effects of dioxin exposures, neither the full extent of dioxin contamination nor the magnitude of the associated human health risks are clearly understood (eg. Institute of Medicine; Schmidt 2004). However, in the light of increasing scientific information about the toxicity of dioxin-like compounds and data on body burdens present in the Australian population, the following recommendations with respect to reducing any potential risks to human health are made:

- A cautious and conservative approach should be adopted with respect to dioxin-like compounds. Thus, programs to reduce the release of dioxin-like compounds into the environment need to be ongoing.
- Ways to block the cycling of dioxins through the food supply need to be identified. Reducing the levels of dioxins in feed given to livestock, poultry and aquaculture fish will help to reduce the levels of dioxins in the food supply. This may be achieved by reducing the amount of animal fat used as a growth enhancer in stockfeed, and sourcing fish-based aquaculture feed (eg. pilchards, sardines) from non-polluted environments.
- Since foods high in animal fats are a source of exposure to these chemicals, current efforts to promote lower saturated fat intake in the population should continue[2].
- Current programs to discourage cigarette smoking should be maintained. In particular, any measures which reduce dioxin intake in young women are likely to help reduce their body burden of dioxins and ultimately, the amount of dioxins which may be transferred to their offspring, both prenatally (*via* trans-placental transfer) and postnatally *via* breast milk[3].
- The population burden of dioxin-like compounds should be monitored periodically, to see whether risk reduction strategies are effective.

Note that these recommendations are preliminary risk management recommendations made by the Office of Chemical Safety and they will be further developed following discussions with other government agencies and consideration of public input.

[2] Note that the relative specific heath risks of exposure to dioxins are low compared to those arising from a high intake of saturated fats

[3] As for dietary intake of saturated fats, the specific health risks associated with dioxin exposure are low compared to the known adverse effects of smoking

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1. Introduction

Dioxins and related compounds are amongst the most studied of all chemicals. This interest arises because of the range of biological effects that they have been reported to cause in animal studies and in heavily exposed human cohorts, their potential to increase the incidence of cancers in people occupationally exposed to high levels of dioxins, their long half-lives in the environment and the human body, and the widespread and ubiquitous exposure of animals and humans to this class of compounds. Since dioxins are fat soluble, chemically stable and poorly metabolised, they can concentrate in body fat and build up under conditions of long-term exposure, both in animals and humans, and accumulate as they move through the food chain. These properties mean that even low levels of dioxins in the environment may eventually pose risks to animals and humans.

Although the exact impact of dioxins on people's health is not yet known, there are currently no clear indications that dioxins are causing increased disease in the general population.

International studies have concluded that around 95% of human exposure occurs through the consumption of food. People may also have some limited exposure through other routes such as breathing in air contaminated by dioxins in smoke (from bushfires, domestic wood heaters and cigarettes), factory or incinerator emissions, motor vehicle exhaust fumes, or from uncontrolled hazardous waste sites containing dioxins (eg. Furst et al 1992a; Liem et al 2000; US EPA 2000).

In Australia, available data suggest the levels of dioxins in the environment are generally low. In 1998 the Australian Government Department of Environment and Heritage produced an inventory of dioxins emissions to air. However, since only limited Australian data were available, this inventory had to use information from other countries to estimate dioxin emissions. In order to better understand how dioxins may be affecting human health and the environment in Australia, the Australian Government announced, in the 2001-02 Australian Government Budget, the decision to fund the conduct of a National Dioxins Program (NDP). It was agreed that the information gathered by the NDP would be used to estimate the extent to which people are exposed to dioxins, and determine the best actions Australia could take to reduce population exposure to dioxins.

The NDP has three phases. Phase One involved surveys of dioxin levels in the environment (air, soil, sediments, fauna) and people (plasma levels in people from various age groups and regions, and breast milk levels in first-time mothers) throughout Australia, in order to provide information to be used in the preparation of a new inventory of dioxins in Australia. Studies also assessed the contribution of bushfires, motor vehicles and domestic wood heaters to levels of dioxins in air. A survey of dioxin levels in foods was conducted by Food Standards Australia New Zealand (FSANZ). Phase Two used the findings of Phase One to provide the basis for assessing the potential risks of dioxins to the environment, as well as the potential risks for human health from exposure to dioxins either directly from the environment or from dioxin-contaminated food. Phase Three will use the Phase-Two risk assessments to develop

national management strategies to reduce, and where feasible, to eliminate the release of dioxins in Australia.

This document contains the results and conclusions of the Phase-Two human health risk assessment. It is structured into four main parts. The first part provides an overview of the known and possible effects of dioxins in animals and humans and considers a suitable intake level at which significant health effects are not expected to occur. The second part estimates likely dioxin intakes for the majority of the Australian population. The third part compares the estimated intakes with the health-based tolerable intake level and provides comment on likely health risks for the population. The final part of the report makes some suggestions for risk management measures aimed at reducing population exposures to dioxins and related compounds.

1.1 Overview

Much of the following overview text is taken from 'Dioxins: Recommendation for a Tolerable Monthly Intake for Australians' (NHMRC/TGA, 2002) and the references cited therein. Additional references used here are indicated. A number of published review volumes (eg. Schecter & Gasiewicz, 2003) provide useful reference information on the chemistry, toxicology and health effects of dioxins.

1.1.1 What are 'dioxins'?

The term 'dioxins' is used to describe a group of environmentally persistent halogenated aromatic hydrocarbon chemicals that includes polychlorinated dibenzodioxins (PCDDs), polychlorinated dibenzofurans (PCDFs), polybrominated dibenzodioxins (PBDDs), polybrominated dibenzofurans (PBDFs) and polychlorinated biphenyls (PCBs). The chlorinated compounds predominate and it is these which are the focus of this report. PCDDs, PBDDs, PBDFs and PCDFs are not manufactured intentionally but are by-products of combustion. They are formed naturally by volcanoes and forest fires, as well as by industrial processes such as waste incineration and the synthesis of certain chemicals. PCBs, on the other hand, were manufactured for approximately 50 years for use as components of insulating fluids in transformers and other electrical equipment.

The potential toxicity of dioxins began to be recognised over 40 years ago. Concern over the potential adverse effects of dioxins has been amplified by evidence that they are resistant to metabolism and tend to remain in the body fat of animals and humans for a long time. The different structurally related chemicals (referred to as congeners) that make up the dioxins have half-lives that vary from 3.7 years for the least persistent type to 50 years for the most persistent, with an average half-life of approximately 7 years.

1.1.2 Chemistry and physicochemical properties of PCDDs, PCDFs and PCBs

The PCDDs and PCDFs are chlorinated tricyclic aromatic hydrocarbons, made up of two benzene rings joined by either two oxygen atoms at adjacent carbons on each of the benzene rings (PCDDs) or by one oxygen atom and one carbon-carbon bond (PCDFs); their basic structures are given in Figure 1-1.

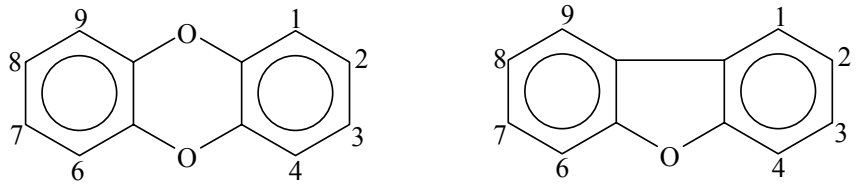

Figure 1-1 Structures of dibenzo-p-dioxin and dibenzofuran

Both groups of chemicals may have up to eight chlorine atoms attached at carbon atoms 1 to 4 and 6 to 9. Each individual compound resulting from this is referred to as a congener. Each specific congener is distinguished by the number and position of chlorine atoms around the aromatic nuclei. In total, there are 75 possible PCDD congeners and 135 possible PCDF congeners; groups of congeners with the same number of chlorine atoms are known as homologues. The number of congeners in each homologue group is shown in Table 1-1 (Müller et al, 2003a; Gilpin et al, 2003). The most widely studied of the PCDDs and PCDFs is 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD). This congener is often generically referred to as 'dioxin', and represents the reference compound for this class of chemicals.

Table 1-1 Homologues and congeners of PCDDs and PCDFs

Homologue name	Abbreviation	No. of possible congeners	No. congeners with Cls at 2, 3, 7 & 8 positions
Monochlorodibenzo-*p*-dioxin	MCDD	2	0
Dichlorodibenzo-*p*-dioxin	DiCDD	10	0
Trichlorodibenzo-*p*-dioxin	TrCDD	14	0
Tetrachlorodibenzo-*p*-dioxin	TCDD	22	1
Pentachlorodibenzo-*p*-dioxin	PeCDD	14	1
Hexachlorodibenzo-*p*-dioxin	HxCDD	10	3
Heptachlorodibenzo-*p*-dioxin	HpCDD	2	1
Octachlorodibenzo-*p*-dioxin	OCDD	1	1
Monochlorodibenzofuran	MCDF	4	0
Dichlorodibenzofuran	DiCDF	16	0
Trichlorodibenzofuran	TrCDF	28	0
Tetrachlorodibenzofuran	TCDF	38	1
Pentachlorodibenzofuran	PeCDF	28	2
Hexachlorodibenzofuran	HxCDF	16	4
Heptachlorodibenzofuran	HpCDF	4	2
Octachlorodibenzofuran	OCDF	1	1

Congeners containing one, two or three chlorine atoms are thought to be of no toxicological significance. However, 17 congeners with chlorine atoms substituted in the 2, 3, 7 and 8 positions (i.e. in the lateral positions of the aromatic rings) are thought to pose a health and environmental risk. Increasing substitution from four to eight

chlorine atoms generally results in a marked decrease in their ability to cause biological effects of concern.

The PCBs are structurally similar to the PCDD/PCDFs and include 209 congeners, from the monochloro congener through to the fully chlorinated decachloro congener; the basic aromatic nucleus is shown in Figure 1-2. The distribution of PCB congeners arising from attachment of chlorine atoms to this nucleus is given in Table 1-2.

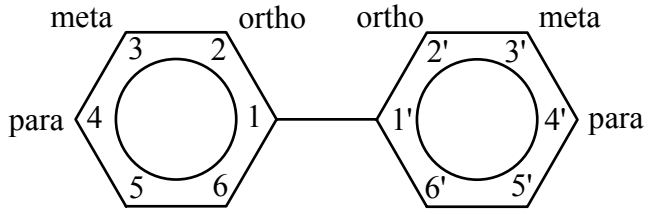

Figure 1-2 Structure of biphenyl

Table 1-2 Distribution of PCB congeners

No. of Cl substituents	1	2	3	4	5	6	7	8	9	10
No. of congeners	3	12	24	42	46	42	24	12	3	1

Like the PCDD/PCDFs, the biological effects of the PCBs are very dependent both on the degree of chlorination and on the position of the chlorine atoms around the aromatic nuclei (i.e. whether they are *ortho*-, *meta*- or *para*- to the phenyl-phenyl bridge at carbon-1). Certain PCBs, the non-ortho and mono-*ortho* congeners, can adopt a coplanar conformation that is structurally similar to the PCDD/PCDFs and appear to elicit dioxin-like responses through a similar mechanism of action. The non-*ortho* PCBs lack a chlorine substituent in any of the 2, 2', 6, or 6' positions while the mono-*ortho* PCBs have a single chlorine atom in any one of the 2, 2', 6, or 6' positions (see Table 1-3).

Table 1-3 Names of the 12 dioxin-like PCBs

PCB Name	**PCB No.**
Non-*ortho* PCBs	
3,3',4,4'-Tetrachlorobiphenyl	PCB 77
3,4,4',5-Tetrachlorobiphenyl	PCB 81
3,3',4,4',5-Pentachlorobiphenyl	PCB 126
3,3',4,4',5,5'-Hexachlorobiphenyl	PCB 169
Mono-*ortho* PCBs	
2,3,3',4,4'-Pentachlorobiphenyl	PCB 105
2,3,4,4',5-Pentachlorobiphenyl	PCB 114
2,3',4,4',5-Pentachlorobiphenyl	PCB 118
2,3',4,4',5'-Pentachlorobiphenyl	PCB 123
2,3,3',4,4',5-Hexachlorobiphenyl	PCB 156

2,3,3',4,4',5'-Hexachlorobiphenyl	PCB 157
2,3',4,4',5,5'-Hexachlorobiphenyl	PCB 167
2,3,3',4,4',5,5'-Heptachlorobiphenyl	PCB 189

PCDDs, PCDFs and dioxin-like PCBs are commonly referred to as 'dioxin-like compounds'.

In general, dioxin-like compounds have very low water solubility, high octanol-water partition coefficients, low vapour pressure and adsorb strongly to particles and surfaces (high K_{OC}) and are resistant to chemical degradation under normal environmental conditions. Thus, they are persistent in the environment and their high fat solubility results in their bioconcentration into biota and biomagnification up the food chain. Almost all 210 individual PCDD and PCDF congeners have been identified in emissions from thermal and industrial processes and consequently they are found as mixtures in environmental matrices such as soil, sediment, air, plants and lower animals, although their low aqueous solubility means they can hardly be detected in water and are largely immobile in soils.

The 'Illustrated Handbook of Physical Properties and Environmental Fate for Organic Chemicals', volumes 1 and 2 (Mackay et al, 1992a, 1992b) are useful references which provide data on the physical and chemical properties of dioxins and dioxin-like compounds, including water solubility, vapour pressure, Henry's Law constant, octanol-water partition coefficient and bio-accumulation factor. They include excellent illustrative examples about the partitioning behaviour of these contaminants in the environment.

1.1.3 Toxic equivalency factors

When found in the environment, biological tissues and industrial sources, dioxins are usually present as complex mixtures; this complicates hazard and risk assessment because the different congeners vary significantly in their toxicity. However, the potency of different dioxins can be ranked relative to TCDD, the most toxic member of the dioxin class. These rankings are known as toxic equivalency factors (TEFs). To be included in the TEF scheme, a compound must be structurally related to PCDDs and PCDFs, bind to the cellular aryl hydrocarbon (*Ah*) receptor, elicit *Ah* receptor-mediated biochemical and toxic responses, must be persistent, and accumulate in the food chain (WHO, 1998).

Several schemes for assigning TEFs to PCDD/Fs and PCBs have been used previously. However, the most recent review of TEFs was that of the WHO in 1998 (Van den Berg et al, 1998) (see Appendix XVIII for a comparison of TEF schemes). This review has subsequently been recognised by the United States Environmental Protection Agency (US EPA 2000) an many other countries (including Japan, Canada and the EU) as being the most appropriate scheme for estimating the toxicity of dioxin mixtures. Under the WHO TEF scheme shown in Table 1-4, TCDD is assigned a TEF of 1.0, and other PCDDs, PCDFs and PCBs have TEF values ranging from 1.0 down to 0.00001. To estimate the toxic potency of a given dioxin mixture, the mass concentration of each

individual component is multiplied by its respective TEF, and the products are summed to represent the TCDD toxic equivalence (TEQ) of the mixture. These TEFs will be periodically reviewed.

Throughout this document, the intake of dioxins will be expressed in units of TEQs, applying the 1998 WHO TEFs, unless they were derived using the previous international TEF scheme (US EPA, 1989), which is abbreviated as I-TEQ.

Table 1-4 WHO TEFs for human risk assessment

Congener	TEF value	Congener	TEF value
Dibenzo-p-dioxins		***Non-ortho PCBs***	
2,3,7,8-TCDD	1	PCB 77	0.0001
1,2,3,7,8-PnCDD	1	PCB 81	0.0001
1,2,3,4,7,8-HxCDD	0.1	PCB 126	0.1
1,2,3,6,7,8-HxCDD	0.1	PCB 169	0.01
1,2,3,7,8,9-HxCDD	0.1		
1,2,3,4,6,7,8-HpCDD	0.01		
OCDD	0.0001		
Dibenzofurans		***Mono-ortho PCBs***	
2,3,7,8-TCDF	0.1	PCB 105	0.0001
1,2,3,7,8-PnCDF	0.05	PCB 114	0.0005
2,3,4,7,8-PnCDF	0.5	PCB 118	0.0001
1,2,3,4,7,8-HxCDF	0.1	PCB 123	0.0001
1,2,3,6,7,8-HxCDF	0.1	PCB 156	0.0005
1,2,3,7,8,9-HxCDF	0.1	PCB 157	0.0005
2,3,4,6,7,8-HxCDF	0.1	PCB 167	0.00001
1,2,3,4,6,7,8-HpCDF	0.01	PCB 189	0.0001
1,2,3,4,7,8,9-HpCDF	0.01		
OCDF	0.0001		

Note: TEFs are based on the conclusions of the WHO meeting in Stockholm, Sweden, 15-18 June 1997 (Van den Berg *et al,* 1998).

The database on many of the polybrominated compounds has been less extensively evaluated, and these compounds have not been assigned TEFs by the WHO. Consequently, polybrominated compounds have not been explicitly considered in this assessment, which focuses on PCDDs, PCDFs and PCBs. Evaluation of the most common chlorinated congeners is generally considered to be sufficient to characterise environmental dioxins. PBDDs and PBDFs could be included in future assessments if sufficient information becomes available and inclusion is considered desirable on toxicological grounds (see eg. Birnbaum et al, 2003).

TEFs are based on the present state of our knowledge and it is likely that some values may be revised as new data becomes available. It should be noted that the widely-accepted approach of combining TEFs into a single exposure metric (TEQ) is not

without controversy, considered by some to be a simplistic approach to dealing with complex mixtures of dioxin-like compounds (eg. Starr, 2003). For example, some congeners may act as *Ah*-receptor antagonists, blocking or altering the effects of other congeners.

It is recognised that in addition to synthetic halogenated aromatic hydrocarbons, there are a number of quite potent natural compounds that can interact with the *Ah* receptor. These include indole-3-carbinol (IC3) and related compounds from cruciferous vegetables. Polycyclic aromatic hydrocarbons (PAHs) and other aromatic amines formed during cooking can also interact with the *Ah* receptor, and may further complicate risk assessment (Safe, 1998). However, it is still unknown whether these compounds exert a significant influence on the toxicity of dioxins, and their possible effects cannot be assessed at present.

1.1.4 Exposure

Dioxins are ubiquitous in the environment, being found throughout the industrialised world in air, soil and sediments, as well as in food. Human exposure to dioxins can occur through working in industries in which they are by-products, from industrial accidents, and through food (including breast milk). Intake *via* inhalation and dermal absorption is likely to represent a very small source of exposure to dioxins.

Exposure of the general public to dioxins is predominantly through the diet, with food of animal origin being the major source. Contamination of food is primarily caused by dioxin emissions to the atmosphere from various industrial or thermal processes (eg. bushfires, wood heaters, waste incineration, production of chemicals), with subsequent deposition onto farmland and water bodies, followed by bioaccumulation up terrestrial and aquatic food chains. Other sources of dioxin-like chemicals can include contaminated stockfeed (for cattle, chicken and farmed fish), improper application of sewage sludge to agricultural land, flooding of pastures, waste effluents and certain types of food processing.

Based on measured concentrations of dioxins, furans and PCBs in food, and data on national food consumption, the 2001 JECFA evaluation estimated that median long-term intakes of PCDDs and PCDFs are 33-42 pg TEQ/kg bw/month for adults living in the United States or Western Europe. Estimates for New Zealand and Japan derived from measured concentration and food supply data were significantly lower, at 18 and 7 pg TEQ/kg bw/month, respectively[4]. If dioxin-like PCBs are also included, the daily total TEQ intake increases by about 25 per cent in the United States and is approximately doubled in other regions. Recent studies from countries that started to implement measures to reduce dioxin emissions in the late 1980s, such as the Netherlands, UK and Germany, clearly show that dioxin levels in food have decreased since that time, with a consequent reduction in dietary intake of these compounds by a factor of almost 2 over a 7-year period (WHO, 1998). In Canada, regulatory and guideline initiatives have markedly reduced PCDD and PCDF emissions from waste incinerators and bleached kraft pulp mills, with consequent declines in the

[4] The New Zealand and Japanese estimates may be higher than the true intake, as food *supply* exceeds food *consumption* by at least 15 per cent.

concentrations of these chemicals in fish and shellfish (Larsen et al, 2000). Similar measures have been undertaken in other countries, including Australia.

On a bodyweight basis, the daily intake of dioxins for breastfed babies is reported to be significantly higher than that for adults. A WHO field study showed that mean levels of PCDD/PCDF and PCB in human milk were higher in industrialised areas (10-35 pg I-TEQ/g milk fat) than in developing countries (<10 pg I-TEQ/g milk fat) (WHO 1996). However, there is clear evidence of a decrease in PCDD/PCDF levels in human milk between 1988 and 1993, with the highest rates of decrease in areas with the highest initial concentrations (WHO, 1996).

Examples of accidental exposures of local populations to PCDDs, PCDFs and PCBs include the incident at Seveso, Italy, and fires in PCB-filled electrical transformers. High exposure may also be caused by accidental contamination of food eg. industrial contamination of edible food oil, such as occurred at Yusho (Japan) and Yu-Cheng (Taiwan). While many industrial sources of occupational exposure have been identified and worker exposures have been reduced or eliminated, historic median TCDD levels in blood of highly exposed workers have been 1-3 orders of magnitude higher than blood levels in the general population. Body burdens caused by accidental or occupational exposure are normally dominated by only a few congeners; congener patterns are different from background exposure arising primarily from indirect exposure through the food supply where bioaccumulation can modify congener patterns.

1.1.5 Mechanisms of toxicity

The *Ah* (for aryl hydrocarbon) receptor is important in mediating the biological and toxicological effects of TCDD and dioxin-like compounds. Although the precise chain of molecular events is not fully understood, alterations in key biochemical and cellular functions are likely to be responsible for dioxin toxicity. Activation of the *Ah* receptor has two major consequences: increased transcription of various genes (eg. those coding for drug-metabolising enzymes) and immediate activation of tyrosine kinases; tyrosine kinase enzymes catalyse the transfer of the phosphate of ATP to tyrosine residues on protein substrates including enzymes and receptors, thus affecting enzyme activity and receptor function. The *Ah* receptor can also regulate expression of other networks of genes, either directly or indirectly. Activation of the *Ah* receptor can result in endocrine and paracrine disturbances, and alterations in cell functions, including growth and differentiation. Some of these effects have been observed both in humans and animals, indicating the existence of common mechanisms of action in different species. Some of the ligands that bind the *Ah* receptor may block its activation by behaving as weak agonists, or antagonists (eg. Safe and McDougal 2002). This means that binding of the *Ah* receptor by some members of the dioxin class could conceivably block the action of other, more toxic congeners, complicating the risk assessment of dioxin mixtures.

1.1.6 Cellular targets for dioxins

A family of so-called ‘nuclear receptors’ (NRs) function to transduce chemical signals into transcriptional responses in the cell nucleus by controlling the activity of specific target genes.

These NRs can be activated (and repressed) by a range of endogenous chemicals including the steroid hormones, retinoids (active metabolites of vitamin A), vitamin D, thyroid hormone, glucocorticoids and mineralocorticoids, and various xenobiotics including aryl hydrocarbons.

As discussed above, the *Ah* (for aryl hydrocarbon) receptor, a ligand-activated transcription factor involved in the regulation of a large number of genes, is considered to be a key site in mediating the biological and toxicological effects of TCDD and dioxin-like compounds.

TCDD and other PAHs exert effects on retinoid, thyroid hormone and vitamin D metabolism at very low doses following TCDD exposure (Hoegberg et al, 2003; Lilienthal et al, 2000; Nilsson & Hakansson, 2002; Van Birgelen et al, 1995). Likewise, a recent study has demonstrated that the agonist-activated AhR/Arnt[5] heterodimer directly associates with estrogen receptors, suggesting a novel mechanism of estrogenic signalling modulation (Ohtake et al, 2003).

1.1.7 Kinetics of dioxins and the concept of body burden

The fate of dioxins in the body is unusual, primarily because most of the congeners are extremely fat soluble but are practically insoluble in water. Following ingestion and absorption from the small intestine, dioxins are readily distributed via the blood to all organs, but they are preferentially retained in adipose (fatty) tissue. The release of stored dioxins from adipose tissue into the circulation is extremely slow, limiting the rate of metabolism by the liver and subsequent excretion in the faeces via the bile. Hence, the time to excrete half of an ingested dose of dioxins (the half-life) is usually measured in years. As discussed above, dioxins are composed of a mixture of compounds and each has a different half-life, but the commonly quoted average in humans, based on data from Seveso, ranges between 7 and 10 years.

The long half-life of dioxins means that, over decades, even a low rate of exposure leads to accumulation of dioxins in the body. Continual exposure from contaminated food might lead in the long term to an extremely high body burden (i.e. the total amount of dioxins in the body). Therefore, it is important to minimise the levels of dioxins in food. The capacity of humans to store dioxins in fat is so great that it would be expected to take 40–50 years to reach a balance or steady state, where the rate of intake equals the rate of excretion. Thus, a few exposures that exceeded the accepted dietary limit by ten- or even a hundred-fold would not significantly change a body burden accumulated over several decades. A single dose of dioxins of 5000 pg or a lifelong intake of around 1 pg/day would result in a similar body burden.

The biochemical and toxicological effects of dioxins, furans and PCBs relate more closely to their concentration in the target tissue than to the daily dose. Dioxins accumulate in vital organs and therefore it is difficult to directly measure the concentration in particular tissues except at post-mortem. However, the body burden of dioxins correlates strongly with levels in adipose tissue and serum and can, therefore, be readily estimated by measuring dioxin levels in adipose tissue or serum, or estimated

[5] Arnt = aryl hydrocarbon receptor nuclear translocator

from the ingested dose. Also, it has been assumed that data on body burden overcomes interspecies differences in the absorption, distribution, metabolism and excretion of dioxins. Therefore, the consultations by the WHO, the EC-SCF and JECFA concluded that the body burden is the measurement of choice for comparing risks between humans and animals. JECFA concluded that the appropriate averaging period for evaluating intake of these compounds is one month or more, whereas the EC-SCF favoured an interval of one week.

2. Hazard Assessment

2.1 Introduction

This chapter contains summary information about the hazards (or intrinsic toxicity) of dioxins and related compounds. It is not a risk assessment, which estimates the likely exposure of the population to dioxins and compares that intake with estimated safe intake levels which are established from a knowledge of the toxic effects of the compounds and the doses at which these effects are likely to occur. It updates the information contained in the 2002 hazard assessment overview which recommended an Australian TMI for dioxins (NHMRC/TGA, 2002) by considering relevant research on dioxins conducted since the 2002 report, as well as recent assessments and reports prepared by other national and international organisations or agencies. Note that this document is not a *de novo* hazard assessment but a summary overview report. Furthermore, its focus is on findings from in vivo studies in animals and clinical and epidemiology studies in humans; therefore it does not consider mechanism-of-action or in vitro studies.

A considerable number of comprehensive reviews of the toxicology of dioxins and dioxin-like compounds have been written in recent years. The 1998 review of dioxins by the Agency for Toxic Substances and Disease Registry (ATSDR) of the Public Health Service of the US Department of Health and Human Services is one of the most comprehensive reviews of the subject to date. The information in the 'Overview' (Section 2.2) is largely taken from a number of reviews including that of the ATSDR (ATSDR, 1998), the reports of the meetings of the 1998 WHO-ECEH/IPCS consultation (WHO, 1998; Van Leeuwen et al, 2000a & b), the EC-SCF (EC Scientific Committee on Food, 2001) and JECFA (FAO/WHO, 2001). To update these reviews, a monograph on Dioxins and Health (Schecter & Gasiewicz, 2003) provided a useful information source. Information contained in Section 2.3 ('Summary of the Toxicity of Dioxins') includes results of a literature search (conducted in September 2003) on the human health effects of dioxins[6].

[6] The search, conducted by Ms Kristen Dyer, was based on retrieving articles dealing primarily with risk assessment, excluding articles on dioxin levels in food, soil, animals, people; bio-monitoring of dioxins in humans; and managing dioxins. Databases searched included: Medline; Medline-in-process; Embase; Biosis (Biological Abstracts); Elsevier Biobase (Current Awareness in Biological Sciences); Toxline; EnviroLine; AMI (Australasian Medical Index); plus the catalogue of the Australian Government Department of Health and Ageing library.

2.2 Summary of the Toxicity of Dioxins

2.2.1 Animal data

2.2.1.1 Key studies

Numerous published studies have documented a variety of adverse effects of TCDD in experimental animals. The following Table lists a number of studies which have been pivotal in establishing human health guidelines for exposure to dioxin-like compounds.

Table 2-1 Some key toxicity studies used in the derivation of human health criteria

Study	Species/Strain	Biological effect
Kociba et al, 1978	Rats, Sprague-Dawley	Cancer
Schantz & Bowman, 1989; Schantz et al, 1992	Monkeys, Rhesus	Neurobehavioural effects in offspring
Mably et al, 1992a, b	Rats, Holzman	Decreased sperm counts in offspring of treated dams; decreased weights of testis and accessory sex organs
Rier et al, 1993	Monkeys, Rhesus	Endometriosis
Gray et al, 1997a	Rats, Long Evans Hooded	Accelerated eye opening and decreased sperm counts in male offspring
Gray et al, 1997b	Rats, Long Evans Hooded	Increased genital malformations in female offspring
Gehrs et al, 1997; Gehrs & Smialowicz, 1999	Rats	Immune suppression in offspring
Faqi et al, 1998	Rats, Wistar	Decreased sperm production and altered sexual behaviour in male offspring
Ohsako et al, 2001	Rats, Holzman	Decreased anogenital distance in male offspring

Adverse effects reported in animals following exposure to dioxins include immunotoxicity, endometriosis in Rhesus monkeys, developmental behavioural developmental effects in offspring of treated Rhesus monkeys, and developmental effects in rats (including reproductive toxicity in males and urogenital malformations in females).

The results of a two-year carcinogenesis bioassay conducted by Kociba et al (1978) have been the most often utilized for cancer risk assessment of TCDD. Sprague Dawley rats of both genders were given 2,3,7,8-TCDD (99% pure) in the feed to achieve intakes of 0, 1, 10 and 100 ng/kg bw/day. Results indicated that at 100 ng/kg bw/day, TCDD

caused an increase in the incidence of hepatocellular hyperplastic nodules and carcinomas in female but not in male rats. At this dose, statistically significant increases in squamous cell carcinomas of the lungs (females) and tongue and nasal palate/nasal turbinates (males) were also reported. Conversely, at this dose there was a significant reduction in the incidence (in female rats) of spontaneous benign tumours of the uterus, benign and malignant mammary tumours and pituitary adenocarcinomas, and (in male rats) adrenal gland phaeochromocytomas and pancreatic adenomas. Although the mechanisms for such reductions in tumour incidence are not well understood, reductions in body weight[7] as a result of TCDD exposure and disruption of endocrine homeostasis have been suggested as two possible reasons for these findings.

There was also a reduction in the incidence and severity of chronic renal disease in aged male rats. At the mid dose (10 ng/kg bw/day) there was no evidence of TCDD effects on tumour incidence, although an increased incidence of hepatocellular nodules was observed. Lifetime ingestion of TCDD at the low dose (1 ng/kg bw/day) did not cause any effects considered to be of toxicological significance. A re-evaluation of liver specimen slides from the female animals was performed by a pathology panel (Keenan et al, 1991). They found about two-thirds fewer tumours present in the livers of female rats than in the original report. The panel established a NOEL for hepatocellular carcinomas of 10 ng/kg bw/day. A further review of the slides (Goodman & Sauer, 1992) substantially confirmed results showing a dose-related increase in tumour incidence (hepatocellular adenomas - 2/81 control; 1/50 low-dose; 9/50 mid-dose; and 14/45 high-dose: hepatocellular carcinomas - 0/86, 0/50; 0/50 and 4/45: hepatic eosinic foci - 31/86; 23/50; 37/50 and 40/45).

In a developmental toxicity in rhesus monkeys (Schantz et al, 1992), groups of 8 female rhesus monkeys were fed a diet containing 0, 5, or 25 ppt TCDD for a total of 16.2 months, throughout the mating period, gestation, and lactation. After 7 months of exposure, the monkeys were mated with unexposed males (to a maximum of 10 matings) until conception occurred, with dosing continuing during mating, gestation and lactation. Only 1 monkey in the 25 ppt group delivered a viable offspring; this offspring was not studied behaviourally. When the offspring (3 males and 3 females per exposure group) were 8.6 months of age, they were placed in 3 peer groups of 4 monkeys and allowed to play for 1.5 hours without interference. The peer groups consisted of two TCDD-exposed monkeys and two control monkeys. Behavioural patterns (social interactions and other behaviours such as vocalisation, locomotion, self-directed behaviour, and environmental exploration) were monitored 4 days/week for 9 weeks. No overt signs of toxicity were observed in the mothers or offspring and birth weights and growth were not adversely affected by TCDD exposure. Significant alterations were observed in play behaviour, displacement, and self-directed behaviour in the TCDD-exposed offspring; they tended to initiate more rough-tumble play bouts and retreated less from play bouts than controls, were less often displaced from preferred positions in the playroom than the controls, and engaged in more self-directed behaviour than controls. No other significant alterations in behaviour or alterations in reflex development, visual exploration, locomotor activity, or fine motor control were found (Bowman et al, 1989b). In tests of cognitive function, object learning was significantly

[7] Actual bodyweight changes not provided in the Kociba et al (1978) paper.

impaired, but no effect on spatial learning was observed (Schantz & Bowman, 1989). The dietary level of 5 ppt was stated to be equivalent to an intake of 120 pg/kg bw/day.

Ten years after termination of approximately 4 years of TCDD exposure in female Rhesus monkeys [maternal animals from the Shantz et al (1992) study summarised above], Rier et al (1993) reported a dose-related increase in the incidence and severity of endometriosis, and identified a lowest observed adverse effect level (LOAEL) of 5 ppt in the diet (120 pg/kg bw/day) for moderate endometriosis.

In studies in Holzman rats, Mably et al (1992a, b) found significant decreases in daily sperm production and the amount of mature sperm stored in the cauda epididymis of rats exposed prenatally to a single dose of 2,3,7,8-TCDD on gestational day (GD) 15; in rats, day 15 corresponds to the onset of the endocrine-sensitive phase of sexual differentiation. Decreases in weights of testis, cauda epididymis, ventral prostate and seminal vesicle were observed in juvenile, pubertal, post-pubertal, and sexually mature rats prenatally exposed to TCDD on GD 15. The lowest LOAEL for these effects (decreased testis weight) was 64 ng/kg bw, identified in the Mably et al (1992c) study. The effects do not appear to result from reduced plasma androgen concentrations during the perinatal period as originally proposed and do not completely correspond with the developmental effects of known anti-androgens (Theobald et al, 2003).

Gray et al (1997a) investigated the reproductive effects of TCDD administration on GD 15 in male Long Evans Hooded rat offspring. Pregnant dams were dosed by gavage with 0, 0.05, 0.20 or 0.80 µg/kg bw TCDD in corn oil. Male offspring (10-12/group) were monitored for viability, growth, and reproductive function. Accelerated eye opening was observed in all dose groups cf. controls (50% of the animals in the low and mid-dose groups and 79% in the high-dose group). Reduced pup survival and growth retardation were observed in offspring from the high-dose group. Percentage pup survival on days 3 to 22 ranged from 82% to 93% at the high dose whilst survival in all other dose groups (including controls) was 99-100%. The most sensitive adverse effect was a 25% reduction in ejaculated sperm numbers at the lowest dose tested (0.05 µg/kg bw). The number of animals affected was not reported.

Gray et al (1997b) also investigated the effects of a single dose of TCDD on GD 15 on female offspring of Long Evans Hooded rats (18-24 pups/dose group). Delayed vaginal opening was observed in progeny from dams exposed to 0.80 µg/kg bw. The mean distance from urethral to vaginal opening was 6.8 mm in the high-dose group *vs* 11.03 mm in controls. A dose-related increase in the percentage of females with a temporary or persistent vaginal thread was observed, from 15% in control animals to 97% in the highest exposure group. The threads were permanent in 2.5% of controls, as compared to 10%, 27%, and 92% of offspring from the 0.05, 0.20 and 0.80 µg/kg bw groups respectively; at the two highest doses, the increases were statistically significant. Partial to complete clefting of the phallus was displayed in offspring at 0.20 (20% of offspring) and 0.80 µg/kg bw (75%). Other morphological changes in animals from these dose groups were increased length of the urethral slit, increased distance from the urethral opening to the tip of the phallus, and decreased distance from the urethral opening to the vaginal orifice. Time to pregnancy was delayed in female offspring from the high-dose group, although fertility rate was not affected. Histopathological changes in the ovary,

cervix, and vagina were observed in animals necropsied at 20 months of age. The investigators noted that GD 15 might not have been the most sensitive for the detection of ovarian alterations, endometrial hyperplasia, and a shortened reproductive life span.

Gehrs et al (1997) and Gehrs and Smialowicz (1999) studied the persistence of delayed-type hypersensitivity (DTH) suppression in the offspring of Fischer 344 rats exposed to TCDD by gavage at 0, 0.1, 0.3 or 1.0 µg/kg bw on GD 14. DTH suppression was determined by measuring the DTH response to bovine serum albumin in the offspring at 4 to 19 months of age. TCDD significantly suppressed the DTH response in males at up to 19 months of age. While the females' DTH response was reduced at 8, 12 and 19 months, significant suppression was observed only at 4 months of age. The lowest maternal dose of TCDD that produced DTH suppression was determined by measuring the DTH response to BSA in 4- and 14-month-old offspring of dams dosed orally with 0, 0.1, 0.3 or 1.0 µg/kg kg bw on GD14. In males, suppression was observed at a maternal dose as low as 0.1 µg/kg bw at 14 months of age, while a maternal dose of 0.3 µg/kg bw was necessary to cause suppression in the 14-month-old females. It was concluded that suppression of the DTH response associated with perinatal TCDD exposure persists through late adulthood, occurs at low maternal doses (i.e. 0.1 µg/kg bw), and is more pronounced in male than in female rats. Whilst differences in subsets of thymocytes and lymph node cells were noted between control and TCDD exposed offspring, no clear correlation was established between altered subpopulations of thymic cells and suppressed DTH responses.

The animals most sensitive to dioxin-induced adverse effects were the male offspring of Wistar rats (Faqi et al, 1998). In this study, dams received an initial loading dose of 25, 60 or 300 ng ^{14}C-TCDD/kg bw two weeks prior to mating, followed by weekly maintenance doses of 5, 12 or 60 ng/kg bw throughout mating, pregnancy and lactation. These maintenance doses were intended to prevent the maternal body burdens from declining below 20, 48 and 240 ng/kg bw, respectively, assuming an elimination half-life of three weeks for TCDD in adult rats. The study failed to demonstrate a NOEL because decreased sperm production and feminised sexual behaviour were observed in male offspring of the lowest dose group at 70-170 days of age. By reference to toxicokinetic data in pregnant rats (Hurst et al, 2000a, b), the EC Scientific Committee on Food (EC-SCF) estimated a maternal steady-state TCDD body burden of 39 ng/kg bw in dams at lowest dose, which was taken as the LOEL. The Joint Expert Committee on Food Additives (JECFA) applied linear and nonlinear curve fitting to the same data, and arrived at maternal steady-state body burden estimates of 25 and 39 ng/kg bw, respectively.

The lowest NOEL was found in a reproduction study by Ohsako et al (2001) in which Holtzman rats received a single oral dose of 0, 12.5, 50, 200 or 800 ng TCDD/kg bw on the 15th day of pregnancy (GD 15). Male offspring displayed reduced anogenital distance and androgen receptor mRNA levels in the ventral prostate, with a LOEL of 50 ng/kg bw. The NOEL was 12.5 ng/kg bw. Assuming that 60 per cent of a single gavage dose was retained in the body at GD 16, the NOEL of 12.5 ng/kg bw and the LOEL of 50 ng/kg bw would result in maternal body burdens of 7.5 and 31 ng/kg bw, respectively. By reference to toxicokinetic data in pregnant rats (Hurst et al, 2000a, b),

JECFA estimated a maternal body burden of 13–19 ng/kg bw at the NOEL, with a corresponding estimate of 51–76 ng/kg bw at the LOEL.

The above NOEL should be protective with respect to another sensitive indicator of the effects of TCDD in animals, that of tooth development. Kattainen et al (2001) examined the effects of TCDD on tooth development in three rat lines that differ in their TCDD sensitivity and *Ah* receptor structure, derived from TCDD-resistant Han/Wistar (Kuopio) and TCDD-sensitive Long-Evans (Turku/AB) rats. The main target teeth were the third molars, since their development spans from the perinatal period to about 6 weeks after birth. Pregnant dams were exposed to 30 -1000 ng/kg bw TCDD on gestation day 15. Pups were euthanised at the age of 5 or 10 weeks and the jaws examined by stereomicroscopy and radiography. TCDD at 1000 ng/kg completely prevented the development of the third lower molars in 60% of males and 50% of females in the most sensitive rat line while <6% of pups in the more resistant lines lacked this target tooth. In the most resistant strain TCDD exposure also dose-dependently diminished the proportion of lower third molars which had erupted by the age of 5 weeks. In the other more sensitive strains, less than 30% of the lower third molars had partially or completely erupted by postnatal day 35. Molar size was dose-dependently reduced in the 3 lines; the third lower molars were most severely affected, with the reduction reported to be significant at 30 ng/kg bw in one of the less-sensitive lines and at 100 ng/kg bw in the other two lines (including the most sensitive one). The same investigators studied the effects of higher TCDD doses (single dose of 50 or 1000 µg/kg bw) given to dioxin-resistant Han/Wistar rat dams one day after delivery, so that pups had post-natal exposure during lactation (Lukinmaa et al, 2001). Pup heads were analysed radiographically or histologically at postnatal days 9 and/or 22. A greater proportion of pups at the higher dose lacked third molars (at the bud stage at the start of the experiment) than those at the lower dose (9/13 *vs* 1/6). The teeth of control pups developed normally. In contrast to controls, none of the 11 experimental pups examined radiographically (6 at the higher dose and 5 at the lower) showed mineralization of their third molar cusps. Results indicate that the effects of TCDD on rat tooth development depend not only on the dose but also on tooth type and developmental stage. It was suggested that the interference by TCDD with tooth morphogenesis with the consequent arrest of development is likely to involve epithelial-mesenchymal signalling.

Studies in rats have shown that TCDD can arrest molar tooth development after *in utero* and lactational exposure, and that the sensitive stage is temporally restricted. To define the stage at which TCDD is able to arrest tooth development and the cellular background of the effect, mouse embryonic molar tooth explants including early developmental stages from initiation to late cap stage were exposed to TCDD in organ culture. Results indicated that TCDD can arrest tooth development *in vitro* if the exposure starts at the initiation stage, whereas exposure at later stages leads to smaller tooth size and deformation of cuspal morphology. It appears that TCDD interferes with tooth development by stimulating apoptosis in those cells of the dental epithelium which are predetermined to undergo apoptosis during normal development (Partanen et al, 2004).

Pregnant rhesus monkeys aged 5-7 years were given TCDD subcutaneously on day 20 of gestation at an initial dose level of 0, 30 or 300 ng/kg bw (1 ml/kg vehicle). For

maintenance of body burden, 5% of the initial dose was administered every 30 days during pregnancy and lactation, until day 90 after birth. No abnormalities were detected in the control and 30 ng/kg groups whereas more than half of the young in the 300 ng/kg group had tooth abnormalities. The upper permanent lateral incisors were most frequently affected. Of the deciduous teeth, the central incisors seemed to be most sensitive to TCDD. The permanent premolars were also frequently affected, whilst the canines and the first molars were not. These results indicate that the LOAEL body burden for induction of tooth abnormalities in rhesus monkeys is greater than 30 ng/kg bw but less than 300 ng/kg bw. On the basis of this dose-response information, the authors (Yasuda et al, 2004) concluded that the current TDI for dioxins in Japan (4 pg/kg bw/d; equivalent to 120 pg/kg bw/month) "needs no immediate modification".

2.2.1.2 Cancer

Experimental studies demonstrate that TCDD is carcinogenic in all species and strains of laboratory animals tested. It has been characterised as a multi-site carcinogen. However, short-term studies have shown a lack of direct DNA-damaging effects, indicating that TCDD is not an initiator of carcinogenesis. It appears that that TCDD is not directly genotoxic but is a potent tumour promoter (see eg. Wyde et al, 2002) and as such, can give the appearance of being a complete carcinogen. Also, the ability of TCDD to enhance proliferation and inhibit apoptotic processes in focal hepatic lesions further supports an indirect mechanism of carcinogenicity. Of the organ systems positive for TCDD-mediated carcinogenesis in rodent bioassays, a complete mechanism of action has only been proposed for thyroid follicular cell carcinogenesis, and it is considered that humans would be less sensitive than rats to the induction of this tumour type by TCDD (Teeguarden & Walker, 2003). The WHO consultation (WHO, 1996) noted that the NOEL of TCDD for hepatic adenomas in a 2-year study in rats was 1 ng/kg bw/day at which dose the body burden was 60 ng/kg bw.

At this stage, the finding that TCDD reduces the incidence of some spontaneous tumours in rodents at some sites (see above discussion of the Kociba et al, 1978 results) and the mechanism(s) by which this occurs, is not well understood.

2.2.2 Human data

2.2.2.1 Non-cancer endpoints

The incidence of adverse health effects other than cancer has been, and is being evaluated in population groups exposed to dioxins, dioxin-like and non-dioxin-like polychlorinated aromatic compounds in a variety of exposure scenarios. Epidemiological data indicate that some conditions (eg alterations in metabolic parameters and mortality from cardiovascular and non-malignant liver disease) may be increased in exposed populations compared to the unexposed referent groups. However, of the range of non-cancer health effects evaluated in exposed adult populations, many were transient and not observed when exposure ceased. Populations exposed occupationally or environmentally to TCDD have not demonstrated any significantly increased all-cause or non-cancer mortality (Bertazzi et al, 1989; Cook et al, 1986, 1987; Fingerhut et al, 1991a, b; Ott et al, 1980, 1987; Wolfe et al, 1995; Zack & Suskind, 1980). Likewise, no overall excess mortality was reported in workers exposed

to TCDD as a result of an accident which occurred on 17 November 1953 at the BASF facility in Germany (Ott & Zober, 1996; Thiess et al, 1982; Zober et al, 1990).

The most widely recognised and consistently observed effect following high dose exposure to TCDD is chloracne (ATSDR, 1998; US EPA, 1994; Pesatori et al, 2003). The condition can disappear after termination of exposure or can persist for many years. Other effects on the skin include hyperpigmentation and hirsutism (Ashe & Suskind, 1950; Suskind & Hertzberg, 1984). In certain instances, effects persisted for several years. Increased levels of hepatic enzymes and slight alterations in lipid profile have been reported in humans exposed to high levels of TCDD (ATSDR, 1998), although the effects were mild and often transient. Temporary enlargement of the liver has also been observed (US EPA, 1994). TCDD can cause long-term alteration in glucose metabolism (Henriksen et al, 1997; Pesatori et al, 1998) and slight changes in thyroid function (Zober et al, 1994). Effects on the respiratory system, manifested mainly as upper respiratory tract irritation, have resulted from acute high exposure to TCDD (ATSDR, 1998). Other irritant effects resulting from acute exposure include conjunctivitis with red and irritated eyes, and blepharitis[8] (US EPA, 1994). There is some suggestive evidence of toxicity to the cardiovascular system (ATSDR, 1998; Steenland et al, 1999) and limited information regarding body weight effects in humans (ATSDR, 1998). Some of these effects are discussed in more detail below.

The most severe exposure of humans to TCDD is reported to have occurred in 1997 (Geusau et al, 2001a). Two office workers in a textile research institute in Vienna were exposed to massive TCDD intoxication from an unknown source (probably from prior synthesis of 2,4,5-trichlorophenol in the facility). Inadvertent exposure, probably by oral ingestion, most likely occurred in October 1997 with the most severely affected patient reporting to a dermatology clinic in March 1998. This 30-year-old female patient was shown to have the highest blood lipid level of TCDD ever recorded in a person, 144,000 pg/g blood lipid[9], corresponding to an estimated body burden of 1.6 mg of TCDD and a dosage of 25 µg/kg body weight. This patient suffered severe, persistent and disfiguring chloracne, but other than some gastrointestinal symptoms (nausea, vomiting, epigastric pain and loss of appetite, with gastritis confirmed by gastroscopy), only a few clinical and biochemical health effects were observed over the first 2 years of follow-up. There were moderate elevations of blood lipids, leukocytosis, and anaemia, but no evidence of a primary bone marrow disorder. The persistence of leukocytosis was most likely to be due to the inflammatory skin condition and the intermittent administration of corticosteroids rather than a direct effect of TCDD. Similarly, the persistence of anaemia was most likely to be due to the skin inflammation, although a direct effect of TCDD on erythropoiesis cannot be ruled out. Lymphocyte subset analysis showed a marginal decrease in the percentage of natural killer (NK) cells but several other immunological parameters were within normal limits. Detailed investigations ruled out any disturbance of the hypothalamic-pituitary axis. Pulmonary function, neurological, psychodynamic and electrophysiological examinations were unremarkable, as were

[8] A chronic or long-term inflammation of the eyelids and eyelashes. Among the most common causes are poor eyelid hygiene; excess oil produced by the glands in the eyelids; bacterial infection; and an allergic reaction.

[9] The highest previously reported human levels of TCDD were 10,400 pg/g blood fat in an adult and 56,000 pg/g in a child, arising from the Seveso incident.

chest X-rays and abdominal ultrasound. Menstruation ceased in late autumn 1997 (the presumed time of intoxication) and secondary amenorrhoea was still present in late 2000 after she stopped using contraceptives in summer 1999. This amenorrhoea may be due to TCDD inhibition of estradiol synthesis or its cytochrome P450-mediated metabolism, or to hyperprolactinaemia which coincided with the initiation of antidepressant therapy with 5HT antagonists which are known to increase prolactin levels. The second patient, a 27-year-old woman, was also highly intoxicated with TCDD, 26,000 pg/g of blood lipid, but apart from some mild facial chloracne (cleared within a year, following treatment with topical tretinoin) and gastrointestinal symptoms, she was apparently largely unaffected. Routine laboratory and immunological parameters were within the normal range, apart from marginally elevated cholesterol and lipase, an elevated number and percentage of B lymphocytes and a decreased percentage of NK cells. Three other workers with elevated blood levels of 856, 149 and 93 pg/g blood lipids were asymptomatic. The estimated intakes for the two highly-exposed patients significantly exceed the estimated median lethal dose of dioxin (0.6 - 2.0 μg/kg bw) in guinea pigs, the most sensitive species tested. However, long-term follow-up of these patients will be necessary to assess the occurrence of chronic sequelae, including cancer.

Additional references on these two clinical cases include Geusau et al (1999), Geusau et al (2001b), Geusau et al (2002), and Abraham et at (2002).

2.2.2.2 Chloracne

As noted above, the most consistent observation following human exposure to TCDD is chloracne. Mocarelli et al. (1991) described chloracne in people from Zone A in Seveso who had serum TCDD levels ranging from 828 to 56,000 ng/kg lipid. With the exception of one person who developed less severe chloracne, all people who had lipid-adjusted TCDD levels over 12,000 ng/kg (ppt) developed severe chloracne. Several people with levels below 12,000 ppt developed less severe chloracne; the lowest reported TCDD level associated with chloracne was 828 ppt at the time of the accident. In the group that developed chloracne, >95% were under 20 years old, including the person with the lowest reported serum lipid TCDD concentration. In fact, children appear to develop chloracne at lower serum TCDD concentrations than adults (Assennato, 1989; Mocarelli et al, 1991). One reason for the observed variability with respect to the blood concentration of TCDD associated with chloracne is that some people absorbed much of their dose *via* dermal contact while others ingested the dioxin. It appears that the blood level which can produce chloracne can be much smaller if it arises from dermal contact rather than from oral ingestion. Nevertheless, it appears likely that a dose threshold needs to be overcome in order for chloracne to occur (Greene, Hays & Paustenbach, 2003). In the case of the very highly-exposed office worker in Vienna (144,000 ng/kg blood lipid; Geusau et al, 2001a; see above), the chloracne cysts were subject to recurrent deep inflammation, requiring surgical removal of comedones and treatment with methyl-prednisolone, analgesics and antibiotics. In the second highly-exposed patient (26,000 ng/kg blood lipid) there were only mild manifestations of chloracne. This was attributed to the exposure most likely being by the oral rather than the dermal route, and supporting the suggestion that, in the absence of direct skin contamination, higher systemic threshold levels may be necessary for chloracne to develop.

2.2.2.3 Diabetes etc

Data from several epidemiological studies suggest that significant exposure to TCDD increases the risk of diabetes mellitus, resulting from decreased cellular glucose uptake. Follow-up assessment of the population exposed to dioxin after the 1976 accident in Seveso, Italy, was extended to 1996. An overall increase in diabetes was reported, notably among women (RR = 2.4, 95% CI: 1.2 - 4.6) (Bertazzi et al, 2001).

In 1997, the IARC considered results on four highly exposed industrial cohorts; Steenland et al (1999) extended the follow-up period for the largest of these cohorts (5132 chemical workers at 12 US plants) by 6 years. In cohort mortality analyses, diabetes (any mention on the death certificate) showed a negative exposure-response trend.

In an attempt to reconcile disparate results from two key studies on TCDD and diabetes, data from 990 US Air Force veterans (Ranch Hand) and 1275 referents were re-analysed, as were those on a NIOSH population of 267 chemical workers and 227 referents (Steenland et al, 2001b). An increasing trend was found in prevalence of diabetes with increased TCDD exposure in the Ranch Hand population, with excess risk largely confined to the highest 8% of the exposed group (>78 ppt serum TCDD), which had an OR of 3.21 (95% CI 1.81 - 5.72) vs those with <10 ppt TCDD. However, no such positive dose-response was found in the NIOSH chemical worker population i.e. there was little overall evidence that the exposed workers were at higher risk than non-exposed workers of diabetes or abnormal fasting glucose. The reason for the difference in diabetes dose-response trends between the two studies is unknown. Furthermore, Greene and Paustenbach (2002) and Greene et al (2003) argue that, since the estimated LOAEL for diabetes in the NIOSH cohort (6 people with diabetes in the highest exposure group) is over 30-fold greater than the estimated LOAEL in the Ranch Hand cohort, it is “highly unlikely” that TCDD is a significant risk factor for diabetes.

Calvert et al (1999) conducted a cross-sectional study on 281 workers employed more than 15 years earlier in the manufacture of 2,4,5-trichlorophenol or its derivatives at two US chemical plants. Mean current serum lipid adjusted TCDD was 220 pg/g lipid in workers and 7 pg/g lipid among 260 referents. The prevalence of diabetes mellitus was not significantly different between the workers and referents and did not significantly correlate with increasing TCDD concentration. However, diabetes was found in six of 10 (60%) workers with current serum TCDD concentrations >1500 pg/g lipid. Excluding subjects being treated for diabetes, workers in the group with the highest half-life extrapolated TCDD concentrations had a significantly increased adjusted mean serum glucose concentration compared with referents, as well as a significantly higher adjusted mean free thyroxine index. These findings provide modest evidence that TCDD exposure may affect glucose metabolism and thyroid function.

Blood serum lipid concentrations of TCDD in 69 persons living within 25 miles of a Superfund site in the USA (Vertac/Hercules site, Jacksonville, Arkansas) ranged between 2 and 94 ppt. When subjects with TCDD levels in the top 10% (TCDD > 15 ppt, n = 7) were compared to subjects with lower levels (2-15 ppt, n = 62), their plasma insulin concentrations at fasting and 30, 60 and 120 min following a 75 g glucose load were significantly higher. There were no group differences in age, obesity, gender

distribution, total lipids, or glucose levels. Excluding other known risk factors for hyperinsulinaemia, the study authors suggested that high blood TCDD levels might be a factor in insulin resistance (Cranmer et al, 2000).

Longnecker and Michalek (2000) examined the association of serum TCDD with prevalence of diabetes mellitus and with levels of serum insulin and glucose in 1,197 veterans in the US Air Force Health Study who never had contact with dioxin-contaminated herbicides; their serum dioxin levels were within the range of background exposure typically seen in the USA ($\leq$10 ng/kg lipid). Compared with those whose serum dioxin level was in the first quartile (<2.8 ng/kg lipid), the multivariate-adjusted odds of diabetes among those in the highest quartile ($\geq$5.2 ng/kg lipid) was 1.71 (95% CI = 1.00-2.91). The association of background-level dioxin exposure with the prevalence of diabetes in these data may be due to reasons other than causality but a causal contribution cannot be dismissed.

Longnecker and Daniels (2001) noted that rates of both type 1 and type 2 diabetes mellitus have been increasing, with genetic factors accounting for less than half of new cases. For type 1 diabetes, higher serum levels of PCBs have been associated with increased risk but overall, the data were limited or inconsistent. With respect to risk of type 2 diabetes, data were suggestive of an association with TCDD but were inconclusive. Other researchers (eg. Greene et al, 2003; Kogevinas, 2001; Koveginas et al, 2001) have similarly concluded that the evidence for increased risk for diabetes with TCDD exposure is inconsistent.

An analysis by Remillard and Bunce (2002) estimated that background exposure to dioxin-like compounds by the reference population in a number of published epidemiology studies contributed less than 1% of their diabetes risk.

In a survey of Australian Vietnam veterans (self-reporting questionnaire), the reported prevalence of diabetes was a little higher than expected for this population (DVA, 2000). Thus, 2,391 respondents (6%) reported 'diabetes', with the expected general population estimate from the National Health Survey (NHS) being in the range 1,558-2,003 (for the age profile and number of respondents). 'Diabetes' was not defined in the questionnaire and veterans may have included a single high sugar value as diabetes - these conditions are separated in the NHS. The report concluded that a relationship between exposure during service and the disease "is difficult to confirm". This result is perhaps not particularly surprising since it appears that all Australian veterans from the Vietnam war were surveyed i.e. those who might have been more exposed to Agent Orange during Operation Ranch Hand do not appear to have been separately identified. [Current government policy allows for treatment and compensation responses to this condition following diagnosis.]

It may be concluded that there is suggestive evidence of a weak correlation between diabetes incidence and occupational or accidental exposure to dioxins[10]. However,

[10] The issue of whether there could be a reverse correlation does not appear to have been addressed in studies to date ie could diabetics haave different metabolic/physiological characteristics which might alter their capacity to metabolise and/or excrete dioxins or PCBs?

background exposure to dioxins is not a significant risk factor for individuals who have not been occupationally or accidentally exposed.

2.2.2.4 Cardiovascular effects

In 1997, the IARC considered results on four highly exposed industrial cohorts. Steenland et al (1999) extended the follow-up period for the largest of these cohorts (5132 chemical workers at 12 US plants) by 6 years. In cohort mortality analyses, Standardised Mortality ratios (SMRs) for heart disease showed a weak increasing trend with higher exposure.

Follow-up of the population exposed to dioxin after the 1976 accident in Seveso, Italy, was extended to 1996. Chronic circulatory and respiratory diseases were moderately increased, suggesting a link with accident-related stressors and chemical exposure (Bertazzi et al, 2001).

Between 1965-1968 in the former Czechoslovakia, ca. 80 persons became ill due to occupational exposure to TCDD. Pelclova et al (2002) investigated disorders in a group of 12 of the most highly exposed subjects (mean estimated concentration at the time of exposure approx. 5000 pg/g plasma lipid). The mean TCDD level in 1996 was 256 pg/g plasma lipid (range 14-760). Hyperlipidemia, atherosclerotic plaques, increased intima-media thickness of the carotid artery cf. controls, ischaemic heart disease and degenerative changes of the ocular fundus were very common in the group. TCDD levels correlated with the highest levels of triglycerides and cholesterol found during the 35-year follow-up.

In a study on 1,224 Korean veterans who served in Vietnam and 154 non-Vietnam veterans, Kim et al (2003) reported that "service in Vietnam" resulted in an increased frequency of eczema (odds ratio = 6.54), radiculopathy[11] (OR = 3.98), diabetes (OR = 2.69), peripheral neuropathy (OR = 2.39), and hypertension (OR = 2.29), compared to non-Vietnam veterans, adjusting for potential confounders. Higher exposure to Agent Orange among the Vietnam veterans was claimed to be associated with increased frequency of ischaemic heart disease, valvular heart disease, and retinopathy.

2.2.2.5 Immune system effects

Studies in animals indicate that the immune system is a sensitive target of TCDD toxicity, with inhibition of immunoglobulin secretion and decreased resistance to bacterial, viral, and parasitic infections. However, information regarding the toxicity of TCDD to the human immune system is scant and inconsistent (ATSDR, 1998; Baccarelli et al, 2002; US EPA, 1994). Natural killer cells were increased in a population of chemical workers exposed to TCDD examined 17 years after termination of exposure (Jennings et al, 1988). A 2-year assessment of two Viennese office workers who had massive exposure to TCDD in 1997, quantitative and functional analysis of the immune system was unrevealing, apart from a decreased percentage of NK cells (Geusau et al, 2001a). Nearly 20 years after the Seveso accident, immunoglobulin and

[11] Nerve root irritation which is caused by either compression of the nerve root where it emanates from the spinal cord area, or from a stretch injury or inflammation of the nerve; can cause a shooting pain sometimes described as an electrical feeling.

complement plasma levels were measured in a random sample of the population in the most highly exposed zones (n = 62) and from surrounding non-contaminated areas (n = 58). Plasma IgG levels decreased with increasing TCDD plasma concentration whereas IgM and IgA immunoglobulins and C3 and C4 complement proteins[12] did not exhibit any consistent association with TCDD levels (Baccarelli et al, 2002). Clinical illness associated with immune system disorders has not been associated with TCDD in any cohort studied (Greene et al, 2003).

2.2.2.6 Endometriosis

Evidence shows that dioxins can increase the incidence and severity of endometriosis in monkeys and can promote the growth or survival of endometrial tissue implanted into rodents in a surgically induced model of endometriosis. However, small, hospital-based case-control studies have failed to provide compelling evidence for or against an association of environmental contaminants and endometriosis (Rier & Foster, 2002, 2003).

A population-based historical cohort study was conducted 20 years after the 1976 factory explosion in Seveso, Italy, which resulted in the highest known population exposure to TCDD (Eskenazi et al, 2002). Participants were 601 female residents of the Seveso area who were less than 30 years old in 1976 and had adequate stored sera. 19 women with endometriosis and 277 non-diseased women were identified. The relative risk ratios for women with serum TCDD levels of 20-100 ppt and >100 ppt were 1.2 [90% CI = 0.3-4.5] and 2.1 (90% CI = 0.5-8.0), respectively, relative to women with TCDD levels <20 ppt. In conclusion, a doubled but non-significant risk for endometriosis among women with serum TCDD levels of >100 ppt was reported, with no clear dose response.

A case-control study to determine the possible association between endometriosis and chronic exposure to dioxins and PCBs included 42 infertile endometriosis cases and 27 mechanically infertile controls enrolled at one of the US collaborating Centres for Reproductive Medicine between 1996-1998. Results showed no statistically significant association between levels of dioxin-like compounds and the occurrence of endometriosis in infertile women (Pauwels et al, 2001). Tsutsumi et al (2000) have reported that breast-fed infants have an unexpectedly lower incidence of endometriosis in adult life than non breast-fed infants, noting that such females have a possible greater exposure to dioxins in milk.

2.2.2.7 Reproductive and developmental effects

The majority of studies on human reproductive and developmental effects concern paternal exposure to TCDD, and have evaluated its potential toxicity long after a high exposure had occurred (IARC, 1997). Studies of the risk of spontaneous abortion involving occupational and environmental herbicide exposure have generally not found increased risks (ATSDR, 1998; IARC, 1997; Institute of Medicine, 1994; Sweeney, 1994; US EPA, 1994). Findings from studies of US Vietnam veterans suggested an

[12] Serum complement comprises a group of proteins that facilitate immunological and inflammatory responses. There are 9 major components labelled C1 through C9. The so-called complement cascade involves a series of enzymatic reactions that take place in the blood.

effect with increasing self-reported or inferred Agent Orange exposure (Institute of Medicine, 1994). However, the inconsistency with results of the occupational and environmental exposure studies and the marginal magnitude of the increased risk make these results suspect (Institute of Medicine, 1994). A study of workers in US factories producing Agent Orange did not find an association between paternal serum TCDD levels and the incidence of spontaneous abortion (Schnorr et al, 2001). Most studies of spontaneous abortion have suffered from a high level of misclassification of exposures and outcomes, small sample sizes, lack of data on TCDD levels at the time of conception, and differences in case definition. Similarly, results from human studies of developmental effects and exposure to herbicides or TCDD have, in the main, been inconclusive (ATSDR, 1998; Institute of Medicine, 1994; Sweeney, 1994; US EPA, 1994). The studies have been limited due to small sample sizes (for specific birth defects), potential biases in the findings, and uncertainties regarding the assessment of exposure. Egeland et al (1994) demonstrated that current and half-life serum dioxin levels were positively and significantly related to luteinizing and follicle stimulating hormones and inversely related to testosterone levels in male workers from the NIOSH cohort. Vietnam veterans were found to have a significantly lower sperm concentration relative to non-Vietnam veterans (CDC, 1989). The ability to produce children was not affected, and with the exception of Ranch Hand veterans, the most highly exposed military personnel, Vietnam veterans did not have increased body burdens of TCDD. No associations between TCDD exposure and hormone levels or sperm characteristics were observed among Ranch Hand veterans (Henriksen et al, 1996); however, the investigators noted that the members of this cohort were exposed to lower levels of TCDD and for shorter duration than the workers followed by Egeland et al (1994).

Considerable attention has been paid to the sex ratio of children born to populations exposed to dioxins. Children (346 girls and 328 boys) born between 1977 and 1996 to potentially exposed parents from Seveso, Italy, showing an increased probability of female births with increasing TCDD concentrations in the serum of the fathers ($p = 0.008$). Fathers exposed when they were younger than 19 years of age sired significantly more girls than boys (sex ratio 0.38; 95% CI 0.30-0.47), an effect which may persist for years after exposure. The median concentration of dioxin in fathers in this study was similar to doses that induce epididymal impairments in rats and is about 20 times the estimated average concentration of TCDD currently found in human beings in industrialised countries (Mocarelli et al, 2000). The sex ratios of live births in Japan after accidental exposure to PCBs and PCDFs in 1968 were reviewed (Yoshimura et al, 2001). Data on all births (85 live) from parents exposed from 1968 to 1977 in Fukuoka and a region of Nagasaki, were examined. The sex ratio was not significantly different from normal (0.513). However, the authors noted that further investigation, especially of offspring of those who were younger than about 19 years of age at the time of the Yusho incident, is warranted. Men who worked in US factories which produced Agent Orange were exposed to TCDD at levels hundreds of times higher than TCDD levels in the general population. Wives of TCDD-exposed chemical workers and wives of non-exposed neighbourhood referents were interviewed to determine reproductive history while paternal serum TCDD level at time of conception was estimated for each pregnancy, using serum samples taken in 1987. Although estimated TCDD levels in the exposed worker population were much higher than in other studies, this study (Schnorr et al, 2001) did not find an association between paternal serum TCDD levels and the sex

ratio of offspring. The sex ratio of children of pesticide workers who produced trichlorophenol and 2,4,5-trichlorophenoxy acetic acid from 1961 to 1988 in the city of Ufa, Bashkortostan, Russia was investigated. TCDD and other dioxins were analysed in 84 blood samples, with median TCDD toxic equivalents blood lipid values of 240 ng/kg i.e. more than 30 times higher than background levels from the region. The sex ratio in the combined cohort of 227 children from exposed workers (150 males and 48 females) was 0.40 (M/M+F), significantly lower than those for the city of Ufa and elsewhere, while the sex ratio of offspring according to maternal or paternal exposure was 0.38 and 0.51 respectively. Thus, paternal exposure was associated with the birth of more girls in this study (Ryan et al, 2002).

A recent Russian paper reports on adverse reproductive outcomes in the town of Chapaevsk (Samara Region, Russia), home to the Middle Volga chemical plant which is one of the largest environmental polluters in region. From 1967 to 1987 it produced lindane (hexachlorocyclohexane) and its derivatives. The mean frequency of spontaneous abortions for a recent seven-year period was 24.4% higher in Chapaevsk than in other towns in the Samara region. The average rate of premature labour was also significantly higher, at 45.7 per 1000 women. The frequency of newborns with low birth weight was 7.4%, slightly (but not statistically) higher than the 5.1-6.2% for Russia and most other Samara region towns. The numbers of congenital morphogenetic conditions (CMGC) were determined in 369 children born between 1990 and 1995. The average number of CMGC per child was claimed to be significantly higher than in other parts of the region. These preliminary results indicate adverse reproductive outcomes which, although the town suffers from pollution with a range of different chemicals, the authors associate with high dioxin levels in human milk and blood (Revich et al, 2001).

NIOSH scientists studied pregnancy outcomes of wives of chemical workers exposed to chemicals contaminated with TCDD. Their findings did not support any relationship between paternal TCDD exposure and spontaneous abortion or sex ratio of offspring (Schnorr et al, 2001) or lowered birth weight or pre-term delivery (Lawson et al, 2004).

2.2.2.8 Neurological and developmental cognitive effects

Neurological symptoms observed in TCDD-exposed workers include lassitude, weakness of the lower limbs, muscular pains, increased perspiration, loss of appetite, headaches, nervousness, anxiety, irritability, and loss of libido (Ashe & Suskind, 1950; Jirasek et al, 1974, 1976; Moses et al, 1984; Oliver, 1975; Pazderova-Vejlupkova et al, 1981; Suskind, 1985). In Japanese Yusho patients who ingested rice oil containing PCBs and PCDFs in 1968, some still complain of numbness of extremities (Yoshimura, 2003). Clinical and neurophysiological examinations (motor conduction velocity of the peroneal nerve, sensory conduction velocities of the sural and ulnar nerves) on 156 dioxin exposed workers (42 with, 114 without chloracne) from a pesticide-producing plant found that exposure to 2,3,7,8-polychlorinated dioxins and furans led to mild sensory neuropathy of the legs in a minority of the most severely exposed persons (Thomke et al, 1999). In veterans of Operation Ranch Hand, the unit responsible for aerial herbicide spraying in Vietnam from 1962 to 1971, there was an increased risk of indices of peripheral neuropathy in the high-exposure group at assessment in 1992 and 1997; however, the authors urged caution in interpretation of these findings until the relationship between pre-clinical diabetes mellitus and peripheral neuropathy is further

evaluated (Michalek et al, 2001). Also in veterans of Operation Ranch Hand, an analysis of cognitive function (performed in 1982) found that veterans in the fifth quintile of dioxin levels (measured in 1987 and 1992) exhibited reduced verbal memory function; although statistically significant, these differences were relatively small and of uncertain clinical significance (Barrett et al, 2001).

For children exposed *in utero*, postulated adverse health effects include subtle developmental delays and thyroid hormone alterations. Much of the focus of recent research has been on the effect of prenatal PCB exposure on cognitive and neurological development. The potential neurotoxicity of PCBs was first recognized when people in Japan (1968) and Taiwan (1978-1979) consumed rice oil contaminated with PCBs and PCDFs; offspring had poorer cognitive functioning as well as other behavioural problems. Taiwanese 'Yu-Cheng' children born up to 6 years after their mother was exposed were as affected as children born within the first year, when compared at the same ages; effects on IQ persisted up to 16 years of age, but behavioural problems diminished with time (Lai et al, 2001; Liu et al, 2001). Further studies, including on children whose mothers consumed PCB-contaminated Great Lakes fish, have produced discrepant results. Recent Dutch research reported a negative relationship between prenatal PCB exposure and intellectual functioning at 3.5 years of age, without any relationship between intellectual functioning and exposure to dioxins and dibenzofurans. Additional studies are being conducted in Europe and North America (Schantz, 2001).

In the Netherlands a prospective study was started in 1989 to investigate the effects of background PCB and dioxin exposure on the development of healthy babies born at normal term. Prenatal PCB exposure was related to lower psychomotor scores at 7 months of age, and poorer neurological condition at birth and at 18 months. Postnatal PCB and dioxin exposure through lactation was related to lower psychomotor development at 7 months (Vreugdenhil & Weisglas-Kuperus, 2000). In a follow-up of the Dutch PCB/Dioxin study, cognitive abilities were assessed in 42-month-old children. *In utero* exposure to "background" PCB concentrations was reported to be associated with poorer cognitive functioning in preschool children. Children of mothers at the upper end of exposure were at greater risk (Patandin et al, 1999a). Whilst findings suggested that prenatal exposure to PCBs and dioxins might have subtle negative effects on early neurological and cognitive development of children, a consistently beneficial effect of breast-feeding on brain development from 18 months up to school age was reported, despite a higher PCB exposure from breast milk. However, by 6 years of age, preliminary results showed no evidence that cognitive and neurological development were affected by pre- and postnatal exposure to these pollutants (Boersma et al, 2001). In the Dutch PCB/dioxin study, the assessment of school-age children suggested that subtle cognitive and motor developmental delays arising from prenatal PCB and dioxin exposure was seen when parental and home characteristics were less optimal but such effects were not measurable in children raised in more optimal environments (Vreugdenhil et al, 2002a).

In the US Collaborative Perinatal Project (CPP), designed to identify determinants of neurological deficits in children, prenatal PCB exposure in relation to children's cognitive test scores was studied. Pregnant women were recruited from 12 US study

centres from 1959 to 1966, and the children were followed until age seven. Third-trimester serum from 806 women selected at random and from an additional 96 women whose children had either a low or high IQ score was analysed for 11 specific PCBs. The data provided no support for the hypothesis that *in utero* exposure to background levels of PCBs was associated with lower IQ scores at age seven (Gray et al, 2000). Silkworth et al (2002) applied causation analysis to 24 epidemiology studies (on 2,573 children in 6 international cohorts) that sought an association between maternal PCB exposure and neurodevelopmental effects. The authors concluded that although there is biological plausibility, a causal association between the ascribed cause (PCBs) and the purported effect (impaired neurodevelopment) was without empirical support. Performance of more highly PCB-exposed breast-fed children was not diminished, but was positively correlated with duration of breast-feeding. Some negative correlations reported between neurodevelopment and PCBs were equally attributable to lead or mercury.

2.2.2.9 Tooth Development

In vivo and *in vitro* studies show that rat and mouse teeth are sensitive to TCDD throughout their development (eg. Kattainen et al, 2001; Lukinmaa et al, 2001; Partanen et al, 2004). The sequence of morphogenetic events can be affected, leading to failure of tooth germs to develop as a result of accelerated and increased apoptosis in the dental lamina connecting the oral epithelium and the tooth germ. Later exposure can reduce tooth size or, in more advanced teeth, root development can be arrested (Lukinmaa et al, 2001). TCDD can also affect the function of secretory ameloblasts and odontoblasts, resulting in delayed or defective mineralization of the molar teeth and failure of enamel and dentin formation to be completed in the continuously erupting rat incisors (Lukinmaa et al, 2001 and references therein).

In two episodes of epidemic poisoning in Japan and Taiwan (so-called Yusho and Yu-Cheng incidents, respectively), developmental effects were observed in infants and children born to mothers who had been exposed to PCDFs and PCBs (see eg. Yoshimura, 2003; Rogan et al, 1988). These included a higher incidence of natal teeth[13] and later, missing permanent teeth, delayed eruption of permanent teeth, and disturbed root development (Ikeda, 1996; Rogan et al, 1988).

Twenty-five years after the dioxin accident in Seveso, Italy, 48 subjects exposed in their childhood in more (zones A and B) or less contaminated (zone R) areas were randomly recruited for examination of dental and oral aberrations (Alaluusua et al, 2004). Subjects were matched with 65 subjects from the surrounding non-ABR zone for age, sex, and education. The prevalence of developmental enamel defects in group less than 5 years of age at the time of exposure was 42% (15/36) in zone ABR subjects and 26% (10/39) in non-ABR subjects, correlating with serum TCDD levels ($p = 0.016$). Hypodontia[14] was seen in 12.5% (6/48) and 4.6% (3/65) of zone ABR and non-ABR subjects, respectively, also correlating with serum TCDD level ($p = 0.05$). In contrast, dental caries and periodontal disease (both due to infections), oral pigmentation and salivary

[13] Natal teeth are teeth present at birth and neonatal teeth erupt during the first 30 days. Normally the lower central incisors are the first teeth to erupt at approximately 6 months of age.
[14] Congenital absence of one or more teeth.

flow rate were unrelated to exposure. Whilst the authors commented that the results supported their hypothesis that dioxins can cause dental aberrations, they noted that (1) almost one hundred different factors can affect development of dental enamel (citing Small & Murray, 1978) and (2) the results on hypodontia should be treated with caution because of the small study population and the small number with hypodontia, and that a larger study on children under 3 at the time of the accident (the most critical age for tooth agenesis) should be conducted.

A Finnish study (Alaluusua et al, 1996) looked at 2 different populations of children; the first population comprised 40 children who had mineralization defects in the permanent 1st molars, and their age, living area, and sex-matched controls. The median duration of breast feeding was 9 months in the affected children compared to 6 months in the controls. The defects were more extensive after prolonged breast feeding. The second population consisted of 97 children whose mothers had been encouraged to extensive and prolonged breast feeding (>8 months). Of these children, 24 had mineralization defects. In both populations, mineralization defects were associated with the duration of breast feeding. The result led to the conclusion that long breast feeding may increase the risk of mineralization defects in children, possibly because of environmental contaminants (not identified in this study). In a later study, Alaluusua et al (1999) examined the dentition of 102 children aged 6-7 years for the presence of hypomineralisation enamel defects, in order to correlate any effects on the permanent first molars with concentrations of the most toxic PCDDs/PCDFs and 33 PCB congeners in breast milk samples collected when the children were aged 4 weeks. Exposure was evaluated from the duration of breastfeeding (mean 10.5 months) and the concentrations in milk (assuming a yearly 25% first-order decline during lactation). Intrauterine exposure was estimated to correspond to the exposure *via* milk for two months. Mineralisation defects occurred more often and were more severe in children who had been exposed to higher amounts of polychlorinated aromatic hydrocarbons than in those exposed to lower amounts.

Holtta et al (2001) examined the prevalence of demarcated hypomineralization lesions of teeth in 2 Finnish towns by the Kymijoki River which is severely contaminated by dioxins and furans. The 4,120 permanent first molars of 1,030 children were studied and the prevailing levels of dioxins and furans in human milk were measured. Neither the prevalence of dental lesions nor the levels of PCDD/Fs in human milk were increased in riverside residents compared with figures reported earlier from other areas of Finland. The prevalence of the defects in Kotka and Anjalankoski was 14.2% and 5.6% respectively, with corresponding PCDD/F levels in breast milk of 13.4 and 10.9 I-TEQ pg/g fat. Higher levels of fluoride in the second town may have lowered the prevalence of demarcated lesions ie. it is not valid to draw correlations between the prevalence of the defects and the difference (relatively minor) in exposures to PCDD/F levels. Only in Anjalankoski was the duration of breast-feeding associated with the prevalence of the defects.

A total of 34,457 infants born in 1997-2000 in four hospitals in southern Finland were examined for natal and neonatal teeth (Alaluusua et al, 2002). Exposures to PCBs and PCDD/Fs was evaluated by measuring the 17 most toxic PCDD/Fs and 36 PCB congeners in breast milk samples when the children were 4-8 wks old. A total of 34

infants had one or two natal (29 infants) or neonatal teeth (5 infants). The milk analyses showed that the median level of PCDD/Fs was 11.9 WHO-TEQ pg/g in fat, and that of PCBs was 7.24 WHO-TEQ pg/g in fat ie. levels corresponded to the prevailing levels in Norway at the time. No association was found between pollutant levels and occurrence of natal and neonatal teeth, indicating that the prevailing levels of PCDD/Fs and PCBs are likely to be below the threshold to cause perinatal eruption of teeth.

2.2.2.10 Cancer

In 1997, the IARC considered results on four highly exposed industrial cohorts; Steenland et al (1999) extended the follow-up period for the largest of these cohorts (5132 chemical workers at 12 US plants) by 6 years. The SMR for all cancers combined was 1.13 (95% CI = 1.02-1.25), with statistically-significant positive linear trends in SMRs with increasing exposure for all cancers combined and for lung cancer. The SMR for all cancers combined for the highest exposure group was 1.60 (95% CI = 1.15-1.82). Analyses suggest that high TCDD exposure resulted in an excess of all cancers combined, without any marked specificity. However, excess cancer was limited to the highest exposed workers, with exposures that were likely to have been 100-1000 times higher than those experienced by the general population. Based on the data from the US NIOSH cohort of workers exposed to dioxin, Steenland and co-workers (Steenland et al, 2001a; Steenland & Deddens, 2003) estimated that doubling background levels of exposure (eg. by eating a significant amount of dioxin-contaminated fish) could increase lifetime risk of cancer death by ca. 0.1 to 1.0%; since the background risk of cancer death by age 75 is 12% in the USA, doubling background levels of dioxin exposure would increase this lifetime risk to somewhere between 12.1 and 13.0%.

Salvan et al (2001) performed an analysis of all cancer and lung cancer mortality in relation to estimated absorbed dose of TCDD in the NIOSH cohort of chemical workers. At a dose level of 100 times the background, their estimates obtained with a 10-year lag translated into a relative risk of 2.03 (95% CI =1.19-3.45) for all cancer and of 2.66 (95% CI = 1.07-6.64) for lung cancer.

Follow-up of the population exposed to dioxin after the 1976 accident in Seveso, Italy, was extended to 1996. During the entire observation period, all-cause and all-cancer mortality did not increase. Fifteen years after the accident, mortality among men in high-exposure zones A (804 inhabitants) and B (5,941 inhabitants) increased from all cancers (RR = 1.3, 95% CI = 1.0-1.7), rectal cancer (RR = 2.4, 95% CI = 1.2-4.6), and lung cancer (RR = 1.3, 95% CI = 1.0-1.7), with no latency-related pattern for rectal or lung cancer. An excess of lympho-haemopoietic neoplasms was found in both genders (RR = 1.7, 95% CI = 1.2-2.5). Hodgkin's disease risk was elevated in the first 10-year observation period (RR = 4.9, 95% CI: 1.5, 16.4), whereas the highest increase for non-Hodgkin's lymphoma (RR = 2.8, 95% CI = 1.1-7.0) and myeloid leukemia (RR = 3.8, 95% CI = 1.2-12.5) occurred after 15 years. No soft tissue sarcoma cases were found in these zones (0.8 expected) (Bertazzi et al, 2001).

Using data from the Seveso Women's Health Study (SWHS), Warner et al (2002) examined the association between individual serum TCDD levels and breast cancer risk. The cohort comprised 981 women who were infants to 40 years old at the time of the factory explosion in 1976, who resided in the most contaminated areas, and had

archived sera that was collected soon after the explosion. Cox proportional hazards modelling showed that the hazard ratio for breast cancer associated with a 10-fold increase in serum TCDD levels was significantly increased to 2.1 (95% CI = 1.0-4.6), leading to the conclusion that individual serum TCDD is significantly related with breast cancer incidence among women in the SWHS cohort.

Epidemiological evidence from the most highly TCDD-exposed cohorts studied produces the strongest evidence of an increased cancer risk from exposure to dioxins, when the data are considered for all cancers combined. There is weaker evidence of an increased cancer risk when the data for cancers at particular sites are considered.

It is difficult to find epidemiological data that have sufficient dose-response information to provide reliable risk estimates in exposed human populations. Modelling is complicated by uncertainties in extrapolating current body burdens of dioxins to past occupational exposure and by the choice of the dose-response model to fit the data. Scientific debate about the potential human carcinogenicity of dioxin-like compounds has been ongoing for many years and recent meta-analyses (US EPA, 2000; Starr, 2001; Crump et al, 2003) from three occupationally-exposed cohorts have reached such different conclusions that the debate is certain to continue. While the potency estimate from the US EPA's analysis was stated to imply approximately 4,000 additional cancer deaths in the USA solely from background intake of dioxin-like compounds (about 1 pg TEQ/kg/day), Thomas Starr's own analysis implied zero extra cancers from all exposures to dioxin-like compounds, including those arising from dietary intake (Starr, 2003). Crump et al (2003) concluded that their analysis provided "some evidence that TEQ exposures near current background levels are carcinogenic". Further consideration of the issue by Starr (Starr, 2003) indicated that resolution of the debate would depend on detailed information about exposures to TCDD and direct-acting carcinogens in the workplace, as well as a model which adequately takes into account TCDD's characteristics as a tumour promoter. Starr was also strongly critical of extrapolations from TCDD analyses to ones based on TEQ, stating that "the evidence regarding the potential carcinogenicity of TEQ is simply inadequate".

Mackie et al (2003) have commented on the US EPA's standard low-dose linear extrapolation method for estimating dioxin cancer risk (US EPA, 2000) and the subsequent consideration by the EPA's Science Advisory Board (SAB) (US EPA, 2001a). As an alternative to the linear extrapolation model, the SAB considered a model which suggested that dioxin was a threshold carcinogen, with data suggesting that the threshold was an order of magnitude higher than exposure levels of the general population. A re-analysis of this model by Mackie et al indicates that without the inappropriate population weighting in the model considered by the SAB, the range of possible estimated thresholds is extremely wide and completely overlaps the level of general US background exposures, with the conclusion that there is no evidence for or against the proposition that dioxin is a threshold carcinogen. More standard statistical approaches (Steenland et al, 2001b; Becher et al, 1998) found no evidence of a threshold.

Yamaguchi (1999) has cautioned against relying on estimates of absolute risk from epidemiological studies in human populations, noting that estimates of cancer risk

arising from exposure to chemicals varied very significantly between eg. smokers and non-smokers.

As noted above under 'Animal data', the background incidence of certain tumours is reduced in rodents by TCDD. In this regard, Kayajanian (2002) has suggested that the NIOSH study on exposed chemical plant workers indicates a J-shaped response, with increased cancer incidence at higher exposures being preceded at lower doses by a significantly reduced incidence. Kayajanian (1999) used plant-worker mortality data which underlie the 1990 US National Institute for Occupational Safety and Health (NIOSH) report on dioxins to identify tissue/organ sites at which dioxin exposure is associated with, reductions in mortality. Observations in men included reductions in urinary organ cancers, including bladder cancers; multiple myeloma; respiratory diseases, including emphysema and pneumoconioses and other respiratory diseases; total disease other than cancer; and total disease.

Ketchum et al (1999) studied cancer prevalence and exposure to TCDD in veterans of Operation Ranch Hand, the Air Force unit responsible for the aerial spraying of herbicides in Vietnam from 1962 to 1971. The risk of cancer at sites other than the skin within 20 years of service was increased in the low (odds ratio [OR] = 3.4, 95% CI = 1.5-8.0) and high (OR 2.7, 95% CI = 0.9-8.0) TCDD exposure categories, but the pattern was inconsistent with another study, suggesting that the excess risk may not have been caused by dioxin exposure. Overall, there was no consistent evidence of a dose-response gradient and no significant increase in cancer risk in the high dioxin exposure category, the subgroup of greatest *a priori* interest.

Kayajanian's analysis of Operation Ranch Hand data (Kayajanian, 2000) suggested that significant increases in systemic, melanoma, and total skin cancers are observed in those veterans not significantly exposed to dioxin; however, amongst those Ranch Hand airmen who served in Southeast Asia, exposure to dioxins is associated with a significant reduction of elevated systemic cancers and total skin cancers. In the Operation Ranch Hand Study, a significant reduction in prostate cancers as a function of increasing dioxin body burden was reported in US veterans of African origin but not in Caucasians (Kayajanian, 2001). Zafar and Terris (2001) also evaluated the rate of prostate cancer in Vietnam veterans. Those referred for prostate biopsy who reported a history of Agent Orange exposure were compared to veterans who denied such exposure; there was no evidence of a relationship between prostate cancer incidence and Agent Orange exposure.

The Australian Government Department of Veterans' Affairs conducted a mortality study on Vietnam veterans (the "Vietnam Veterans Mortality Study") covering the period from the end of the Vietnam War until 31 December 1994 (Crane et al, 1997). The death rate from all causes for Vietnam veterans relative to other Australian males was estimated to be 0.68 (95% CI 0.63 to 0.74) for 1964-79 and 1.07 (95% CI 1.02 to 1.12) for 1980-94; these estimated SMRs take account of the known variation in death rates by age group and calendar year. The overall level of excess mortality was difficult to estimate because of the 'healthy worker effect' which would lower the death rates for some causes, and the bias in the estimation method due to the underestimation of deaths. Compared with deaths from other sites of cancer, death rates from soft tissue and other

sarcomas, non-Hodgkin's lymphoma, and Hodgkin's disease, which were suggested as being consistently associated with exposure to herbicides or dioxin, were not statistically significantly elevated. This study suggests there may be a slight excess risk of death from lung cancer and prostate cancer. The report authors noted that while this elevation may be related to some exposure that occurred during service in Vietnam, there are multiple other and more usual risk factors associated with both cancers that should also be considered. Although not hypothesised in the protocol for this study, Vietnam veterans may have been at increased risk of death from head and neck cancers between 1980-94.

2.3 Recent Assessments of Dioxins

Comprehensive risk assessments of dioxins have been performed by a number of organisations or groups in recent years including the International Agency for Research on Cancer (IARC), the US EPA, the EC Scientific Committee on Food (EC-SCF), the WHO European Centre for Environmental Health (WHO-ECEH) and the Joint Expert Committee on Food Additives (JECFA). These assessments incorporate knowledge from research on molecular biology, animal toxicity and epidemiology in exposed human populations.

2.3.1 Assessment by the International Agency for Research on Cancer

In 1997, the IARC classified TCDD as 'carcinogenic to humans' (Group 1). The IARC's decision was based primarily on evidence in four groups of highly-exposed industrial workers. IARC also took into consideration the following supporting evidence:

- there was 'sufficient evidence'[15] that TCDD was carcinogenic at several sites in experimental animals (acting *via* the cellular aryl hydrocarbon (*Ah*) receptor, which is present in and functions the same way in humans and laboratory species);
- there were studies showing that the concentrations of TCDD in tissues from rats exposed to carcinogenic dosage regimens in bioassays are similar to those found in the tissues of heavily-exposed human populations with an apparent increased risk of cancer (IARC, 1997).

Taking all of the evidence into consideration, the following overall evaluations were made by IARC (1997):

- 2,3,7,8-Tetrachlorodibenzo-*p*-dioxin (TCDD) is carcinogenic to humans (Group 1).

[15] IARC usually applies the criterion of 'sufficient evidence of carcinogenicity' when a causal relationship has been established between the agent or mixture and an increased incidence of malignant neoplasms or an appropriate combination of benign and malignant neoplasms in (a) two or more species of animals or (b) in two or more independent studies in one species carried out at different times or in different laboratories or under different protocols.

- Other polychlorinated dibenzo-*p*-dioxins are not classifiable as to their carcinogenicity to humans (Group 3).
- Dibenzo-*p*-dioxin is not classifiable as to its carcinogenicity to humans (Group 3).
- Polychlorinated dibenzofurans are not classifiable as to their carcinogenicity to humans (Group 3).

The IARC noted that in these high-exposure industrial cohorts, the blood lipid levels estimated to the last time of exposure were 2000 ng/kg (mean, with levels up to 32,000 ng/kg; US cohort), 1434 ng/kg (geometric mean, range 301 - 3,683 ng/kg; Dutch cohort), 1008 ng/kg (geometric mean; German workers with severe chloracne), and up to 2252 ng/kg (Boehringer cohort, Germany). These calculated blood levels of TCDD at the time of exposure were in the same range as the estimated blood levels in the two-year rat carcinogenicity study (Kociba et al, 197; see assessment above). In rats exposed to 100 ng/kg bw/day in the diet (hepatocellular carcinomas (females) and squamous cell carcinomas of the lung (females), estimated blood lipid TCDD levels were 5,000 - 10,000 ng/kg TCDD. At 10 ng/kg bw/day (the NOEL for hepatocellular carcinomas, but with an increased incidence of hepatocellular nodules), estimated blood lipid TCDD levels were 1,500 -2,000 ng/kg TCDD. At the lowest dose (1 ng/kg bw/day) at which no toxicological effects were reported, the mean blood lipid TCDD level was 540 ng/kg. Thus, the workers in the industrial cohorts studied were likely to have been exposed to TCDD levels similar to those in the experimental animal studies, levels which were 100–1000 times higher than those experienced by the general population.

2.3.2 Assessment by the ATSDR

While the Agency for Toxic Substances and Disease Registry (ATSDR) of the Public Health Service of the US Department of Health and Human Services is not an 'international' organisation, its 1998 review of dioxins is one of the most comprehensive reviews of the subject produced to date.

The ATSDR (1998) estimated a Minimal Risk Level (MRL)[16] of 1 pg TEQ/kg bw/day for chronic oral exposure to TCDD, based on developmental toxicity in monkeys (Schantz et al, 1992). This study is presented in more detail under 'Animal data' (see above). Relative to controls, significant alterations in play behaviour, displacement, and self-directed behaviour were observed in offspring of dams exposed to 5 ppt TCDD in the diet, corresponding to a daily intake of 120 pg/kg bw. Offspring behaviour was studied from 8.6 months of age for a period of 9 weeks. An uncertainty factor of 90 was used (3 for the use of a marginal LOAEL, 3 for extrapolation from animals to humans, and 10 for human variability) to derive the MRL. (Note that body burden was not used

[16] Minimal Risk Level (MRL): An estimate of daily human exposure to a hazardous substance that is likely to be without an appreciable risk of adverse non-cancer health effects over a specified route and duration of exposure. MRLs are derived using the NOAEL/LOAEL plus safety factor approach. MRLs established by the ATSDR are generally based on the most sensitive endpoint considered to be of relevance to humans. This should not be confused with Maximum Residue Limit, a control level for pesticide residues in agricultural commodities.

to scale across species in the derivation of the MRL, as compared to eg. the WHO derivation of the TDI.)

The ATSDR also derived an MRL of 0.0002 µg/kg/day (200 pg/kg/day) for acute-duration oral exposure (14 days or less) to TCDD, based on a NOAEL of 5 ng/kg and a LOAEL of 10 ng/kg for immunological effects in female B6C3F1 mice (Burleson et al, 1996); statistically significant increases in mortality were observed in influenza A infected mice exposed to 10, 50 and 100 ng/kg TCDD. An uncertainty factor of 30 (3 for extrapolation from animals to humans and 10 for human variability) and modifying factor of 0.7 (to account for the higher bioavailability of TCDD from an oil gavage vehicle than from food) were used to derive the MRL from the NOAEL. Similarly, an MRL of 0.00002 µg/kg/day (20 pg/kg/day) was derived for intermediate-duration oral exposure (15–364 days) to TCDD, based on a NOAEL of 0.7 ng/kg/day for immunological effects (decreased thymus weights) in Hartley guinea pigs fed TCDD in the diet for 90 days (DeCaprio et al, 1986). The LOAEL for this effect was 5 ng/kg/day. An uncertainty factor of 30 (3 for interspecies extrapolation and 10 for human variability) was used.

The ATSDR concluded that the available epidemiology data suggest that 2,3,7,8-TCDD may be a human carcinogen. Statistically significant increases in risks for all cancers were found in highly exposed workers with longer latency periods. Although the estimated SMRs were low, they were consistent across studies with the highest exposures. The evidence for site-specific cancers is weaker, with some data suggesting a possible relationship between soft-tissue sarcoma, non-Hodgkin's lymphoma, or respiratory cancer with 2,3,7,8-TCDD exposure. The ATSDR emphasised that some of the human studies did not provide adequate exposure data and were confounded by concomitant exposure to other chemicals.

2.3.3 Re-assessment by the US EPA

In April 1991, the US EPA announced that it would conduct a scientific re-assessment of the potential risks posed by exposure to dioxins and related compounds, as a follow-up to their initial assessment, first released as a draft in 1984 (US EPA, 1984a).

The principal finding of their draft re-assessment (US EPA, 2000) was that although dioxins can initiate biochemical and biological events potentially leading to a range of cancer types and non-cancer effects in animals and humans, *'there is currently no clear indication of increased disease in the general population attributable to dioxin-like compounds*'. However, the US EPA stated that the lack of a clear indication of disease could not be taken as evidence that dioxins were having no effect. The report suggested that current data and scientific tools might not be able to detect effects. The EPA did not recommend a reference dose[17] (RfD) for dioxins, reasoning that any RfD estimated using the traditional approach for setting such values, would probably be 100–1000 times below current human intakes and body burdens. Hence, the EPA review did not

[17] An RfD is a health risk goal below which there is likely to be no appreciable risk of non-cancer effects over a lifetime of exposure. The RfD concept is ostensibly equivalent to an acceptable daily intake (ADI) or tolerable daily intake (TDI).

produce an exposure standard for humans that could be considered for adoption by Australia.

In 2000/2001 the Science Advisory Board panel reviewing the draft questioned the EPA's quantitative cancer risk estimates, stating that it was not appropriate for EPA to characterise the risks in such a quantitative manner without providing a similar quantitative estimate of the uncertainty in the risk estimates; the Board was not able to reach consensus on a single value for a dioxin cancer potency factor. The panel also considered that it would be useful to have estimates of non-cancer risk from low-dose exposures, but accepted that the database currently did not allow for such estimates to be reliably developed at present (Paustenbach, 2002). It is interesting to note that the majority of the SAB panel recommended that an RfD should be derived, stating that the non-cancer hazard appeared to be the most sensitive adverse effect, rather than the cancer hazard. [A summary of the 2001 Science Advisory Board report is given in Paustenbach (2002).]

As at the time of preparing this hazard assessment overview, the US EPA is yet to release its final risk assessment on dioxins. The US EPA's Science Advisory Board's (SAB) Dioxin Reassessment Review Subcommittee (DRRS) of the SAB Executive Committee met between November 2000 and April 2001 to review sections of the EPA draft EPA document. The DRRS considered that, notwithstanding the fact that it was critical for the EPA to carefully consider current data and modelling gaps and to develop a research plan to remedy them, additional research was unlikely to bridge many of these gaps in the foreseeable future. Therefore it recommended that the EPA proceed expeditiously to complete and release its risk assessment, taking appropriate note of the findings and recommendations of the DRRS report and other public comments. Further, recognising the very long biological and environmental persistence of dioxins, the DRRS stated that it was important that EPA continue to try to limit emissions (and human exposure) to this class of chemicals. On 31 May 2001 the SAB forwarded its final review report to the EPA. A revised draft dioxin reassessment was then transmitted to the Interagency Working Group on Dioxin (IWG) on 17 January 2003; the IWG is made up of American government agencies responsible for human health, food, and the environment and which are working together under the auspices of the National Science and Technology Council to ensure a coordinated government approach to dioxin related issues. On 29 October 2003 the IWG officially requested that the National Academy of Sciences (NAS) re-review the draft dioxin reassessment. This NAS review is expected to take approximately 15 months[18].

2.3.4 Assessment by the WHO-ECEH Consultation (1998)

The WHO European Centre for Environmental Health (WHO-ECEH) has been coordinating a program on dioxins, in collaboration with the IPCS. The program is aimed at evaluating the possible health risks, and prevention and control of environmental exposure of the general population to these chemicals. WHO-ECEH and IPCS jointly organised a consultation entitled *Assessment of the health risk of dioxins: re-evaluation of the Tolerable Daily Intake (TDI)*. The meeting was held in May 1998

[18] The EPA plans to make available on its website the version of the dioxin reassessment that is undergoing NAS review.

in Geneva, and was attended by 40 experts from Australia[19], Belgium, Canada, Denmark, Finland, Germany, Italy, Japan, The Netherlands, New Zealand, Spain, Sweden, the United Kingdom and the United States (WHO, 1998; Van Leeuwen et al, 2000).

2.3.4.1 Conclusions from the WHO Consultation

In assessing the risk from dioxin-like compounds, the consultation focused on the most sensitive adverse effects (hormonal, reproductive and developmental effects) that are observed at low doses in animal studies. These effects occur at body burdens in rats and monkeys in the range of 10–50 ng/kg bw.

Human daily intakes that would lead to body burdens similar to those associated with adverse effects in animals were estimated to be in the range of 10-40 pg/kg bw/day. Since body burdens were used to scale doses across species, the consultation concluded that it was not necessary to use an uncertainty factor to account for toxicokinetic differences between species. However, the estimated human intake was based on LOELs and not on NOELs. In addition, uncertainty remains regarding potential differences in susceptibilities within the human population, the comparative susceptibility of humans and animals, and the half-lives of elimination for the different components of a mixture of dioxins and PCBs vary significantly. To account for these uncertainties, the consultation recommended a composite uncertainty factor of 10.

Based on the range of estimated daily human intakes (10-40 pg/kg bw) that would lead to body burdens similar to those associated with the most sensitive adverse effects in animal studies, and applying an uncertainty factor of 10, a TDI range of 1-4 pg TEQs/kg body weight was established.

The consultation recognised that subtle adverse effects might already be occurring in the general population in some countries at current background levels of exposure to dioxins and dioxin-like compounds. Therefore, it recommended that every effort should be made to reduce exposure to the lower end of this range.

2.3.5 Assessment by the EC-SCF meeting (2001)

The EC-SCF is responsible for advising the EC on scientific and technical questions concerning the safety of food, and its advice is used as a basis for EC rules on consumer health and food safety, toxicology and hygiene in the food production chain. In 2000 and 2001, the EC Scientific Committee on Food (EC-SCF) also assessed the risk of dioxins (EC Scientific Committee on Food, 2000; 2001). It used as its starting point the WHO 1998 evaluation (see Section 2.3.4).

2.3.5.1 Conclusions from the EC-SCF

The EC-SCF based their updated risk assessment on the LOEL for reproductive toxicity in male offspring of pregnant rats from the study by Faqi et al (1998), rather than the rat and monkey studies used by the WHO. An estimated human daily intake (EHDI) of 20

[19] The Australian participant was Professor Michael Moore, National Research Centre for Environmental Toxicology (NRCET), Brisbane.

pg/kg bw/d was calculated from the estimated steady state TCDD body burden in the rat dams at the LOEL of 25 ng/kg bw. When choosing an appropriate safety factor for deriving a TDI, an uncertainty factor accounting for interspecies variation was not considered necessary because the NOEL and LOEL were expressed in terms of body burden, thereby scaling doses from animals to humans. The committee also concluded that no uncertainty factor was required to account for differences within or between species in toxicodynamics (eg. *Ah* receptor binding affinity and enzyme induction). The ultimate safety factor consisted of an uncertainty factor of 3.2 to account for variation between individuals in human toxicokinetics (i.e. differences in absorption, accumulation, metabolism and excretion), and an additional factor of 3 because a LOEL rather than a NOEL was used. Thus, the safety factor was 9.6 (i.e. 3×3.2). Application of this 9.6-fold safety factor to the EHDI of 20 pg/kg bw yielded a TDI of 2 pg/kg bw/day. Due to the long half-lives of TCDD and related compounds in the human body, this figure was converted to a TWI of 14 pg/kg bw. In order to extend this TWI to include all 2,3,7,8-substituted PCDDs and PCDFs and the dioxin-like PCBs, the EC-SCF established a group TWI of 14 pg WHO TEQs/kg bw for these compounds.

The EC-SCF stressed that:

> *'given the average dietary intakes of dioxins and dioxin-like PCBs in the European countries of 1.2–3.0 pg/kg bw/d, a considerable proportion of the European population would still exceed the TWI derived by the Committee.'*

The EC-SCF noted that the most sensitive endpoints in animal studies were developmental and reproductive effects in rats and monkeys and endometriosis in monkeys and that the TWI they established would adequately protect against the carcinogenic effects of TCDD which require substantially higher body burdens and for which a threshold approach is applicable due to its non-genotoxic nature.

In the rat carcinogenicity study (Kociba et al, 1978) the LOAEL for liver tumours was taken as 10 ng/kg bw/day, corresponding to a body burden of 294 ng TCDD/kg bw. In order for humans to obtain a similar steady-state body burden, a daily intake of 150 pg/kg bw would be needed. The EC-SCF also concluded that rats were more sensitive than humans to the carcinogenic effects of TCDD (based on a body-burden comparison), albeit within less than one order of magnitude.

The Committee emphasised that it did not perform a quantitative risk assessment of the health risk associated with exposure to dioxins and dioxin-like PCBs because "the available data on high dose animal studies and studies of human occupational and accidental exposures cannot be extrapolated quantitatively with any confidence down to values corresponding to the background exposures of the general population". It further noted that the TWI is not a lower bound of toxicity, it is an estimate of a safe level of intake and is derived conservatively using uncertainty factors applied to NOAELs or LOAELs. Thus, slight exceedance of the TWI does not mean that there is an appreciable risk to health of individuals, but that exposure above this level leads to an erosion of the protection embedded in the TWI.

2.3.6 Assessment by the FAO/WHO 57th JECFA meeting (2001)

The Joint FAO/WHO Expert Committee on Food Additives (JECFA) evaluated dioxins at its 57th meeting in Rome, in June 2001 (FAO/WHO, 2001)[20]. JEFCA serves as the scientific advisory body to the Codex Alimentarius Commission (CAC) on matters relating to food additives, contaminants, and residues of veterinary drugs in food. The CAC sets international food standards aimed at protecting the health of consumers and facilitating international trade in foods.

2.3.6.1 Conclusions from the JECFA

The JECFA meeting concluded that a tolerable intake for TCDD could be established, based on reproductive effects in the male offspring of TCDD-treated rat dams. For assessment of tolerable intake, JECFA chose the LOEL established in the study of Faqi et al (1998) and the NOEL provided by the study of Ohsako et al (2001). Two different models were used to estimate the equivalent maternal body burden with long-term dosing: a model that assumed a linear relationship between maternal and foetal body burden, and a nonlinear model (see Table 2-6). After compensating for the background body burden of PCDDs and PCDFs found in untreated rats, JECFA derived estimated human monthly intakes (EHMIs) of 237 and 330 pg TEF/kg bw, using the linear and nonlinear models, respectively, from the study by Ohsako et al (2001). The corresponding EHMI values derived from the study by Faqi et al (1998) were 423 and 630 pg TEF/kg bw.

The committee then derived safety factors to apply to the EHMI values. In common with the 1998 WHO consultation, JECFA considered that the use of body burdens to scale doses from animals to humans removed the need to account for interspecies differences. To account for differences between individuals in human toxicokinetics, a safety factor of 3.2 was applied to the EHMIs associated with the NOEL identified by Ohsako et al (2001). No additional safety factor was applied to account for differences in human toxicodynamics. A larger safety factor was applied to the EHMI associated with the LOEL identified by Faqi and co-workers. JECFA considered that use of a LOEL warranted an additional safety factor of 3, leading to an overall safety factor of (3 x 3.2) = 9.6. The four resulting provisional tolerable monthly intake (PTMI) values ranged from 44 to 103 pg/kg bw/month.

Table 2-2 JECFA derivation of provisional tolerable monthly intake values from reproductive toxicity in rats

Study	Linear model		Nonlinear model	
	Ohsako et al (2001)	Faqi et al (1998)	Ohsako et al (2001)	Faqi et al (1998)
End point (in male offspring of treated dams)	NOEL (decreased anogenital distance at higher doses)	LOEL (decreased sperm production, sexual feminisation)	NOEL (decreased anogenital distance at higher doses)	LOEL (decreased sperm production, sexual feminisation)

[20] The Australian delegate to the 57th meeting of the JECFA was Dr Peter Abbott, Food Standards Australia New Zealand (FSANZ), Canberra, ACT

Study	Linear model		Nonlinear model	
	Ohsako et al (2001)	Faqi et al (1998)	Ohsako et al (2001)	Faqi et al (1998)
Maternal TCDD body burden (ng/kg bw)	7.6	25	7.6	25
Equivalent maternal body burden with long-term dosing (ng/kg bw)	13	25	19	39
Background body burden (ng/kg bw)	3	3	3	3
Total body burden (ng/kg bw)	16	28	22	42
Equivalent EHMI (pg/kg bw/mo)	237	423	330	630
Safety factor	3.2	9.6	3.2	9.6
Derived PTMI value (pg/kg bw/mo)	74	44	103	66

Taking the mid-point of the range, JECFA chose a PTMI for PCDDs, PCDFs and coplanar compounds of 70 pg TEF/kg bw/month. JECFA was satisfied that establishment of a tolerable intake based on non-cancer effects would also address any carcinogenic risk. The committee noted that in a long-term study in rats in which the incidence of liver tumours was increased over that in controls, the LOEL of 10 ng/kg bw/day corresponded to a steady-state body burden of 290 ng/kg bw/day; in order for humans to attain a similar steady-state body burden, they would have to have a daily intake of 150 pg/kg bw. Although the excess cancer risk at the highest exposures in human epidemiology studies was statistically significant, the JECFA commented that these results needed to be evaluated with caution as the overall risks were not high and the strongest evidence was for industrial populations with exposures two to three orders of magnitude greater than that of the general population, and also with heavy exposure to other chemicals. Furthermore, lifestyle factors such as smoking were not evaluated. It was noted, *inter alia*, that there were few precedents of carcinogens that increase the risk for cancer at all sites combined, with no excess risk for any specific tumour predominating. A "benchmark dose" was calculated from the effective dose estimated to result in a 1% increase in cancer mortality (ED01), on the basis of a meta-analysis of data for three industrial cohorts with well-documented exposure. However, the ED01 differed quite widely and depended strongly on the assumptions made. Furthermore, a number of uncertainties would influence the predicted ED01, including the exact exposure of the occupational cohorts and, to a lesser extent, the effects of factors not considered.

The Committee concluded that a tolerable intake could be established for TCDD on the basis of the assumption that there is a threshold for all effects, including cancer. Carcinogenicity due to TCDD was not linked to mutagenicity or DNA binding, and it occurred at higher body burdens in animals than other toxic effects. Thus the Committee concluded that the establishment of a tolerable intake based on effects other than cancer would also address any carcinogenic risk.

The JECFA report stated that:

'*the PTMI is not a limit of toxicity and does not represent a boundary between safe intake and intake associated with a significant increase in body burden or risk. Long-term intakes slightly above the PTMI would not necessarily result in adverse health effects but would erode the safety factor built into calculations of the PTMI. It is not possible given our current knowledge to define the magnitude and duration of excess intake that would be associated with adverse health effects.'*

The report also indicated that '*despite the uncertainties, the results suggest that a considerable fraction of the population will have a long-term mean intake above the PTMI'*.
In view of the long half-lives of PCDDs, PCDFs and PCBs, the committee concluded that it would not be appropriate to establish an acute reference dose for these compounds.

2.3.7 Other Published Assessments

2.3.7.1 Exponent, USA

A published study by Exponent, a major independent US consulting firm (Greene et al, 2003; Greene & Paustenbach, 2002) reviewed published studies involving laboratory animals and humans which addressed non-cancer effects. The analysis confirmed that developmental toxicity was the most sensitive effect of TCDD consistently seen in mice and rats; a NOAEL of 13 ng/kg (maternal body burden) was identified as the most pertinent for deriving a reference dose (RfD) for humans. Using this NOAEL and assuming 50% bioavailability, the equivalent human body burden is achieved with a daily dose of approximately 7 pg/kg bw/day. The authors noted that the use of body burden rather than dose, and the fact that male rat foetuses were the most susceptible population, it was appropriate to use safety factors of 1 for both inter-individual variation and sensitive subpopulations.

In humans, the most consistent adverse effect is chloracne. From Seveso chloracne data (see above under 'Chloracne'), the peak body burden of an affected child with the lowest serum TCDD concentration was 828 ng/kg lipid adjusted, or 207 ng/kg body burden - assuming 25% lipid). Using a safety factor of 10 (for conversion from a LOAEL to a NOAEL), Greene and Paustenbach calculated an absorbed RfD of 5 pg/kg/day; assuming 50% bioavailability, this equates to 10 pg/kg bw/day as a dose safe for the development of chloracne, even in children. The true value of the dose which could cause chloracne is likely to be significantly higher because the chloracne may well have been caused by the localised concentrations of TCDD on the skin rather than the systemic body burden. Alternatively, the lower 95th percentile confidence level for the mean peak TCDD serum concentration for people with chloracne (9,729 ng/kg lipid or 2,432 ng/kg body weight – assuming 25% lipid) could be used to develop an RfD. With a safety factor of 10 to account for inter-individual variation and a further 10 to account for sensitive subpopulations, Greene and Paustenbach estimated that an RfD of 6 pg absorbed/kg/day would not cause chloracne. Assuming 50% bioavailability, this also equates to an RfD of approximately 10 pg/kg bw/day.

The authors concluded that an RfD of 5–10 pg/kg bw/day, based on chloracne in children and developmental effects in foetal rats, should be a conservative health intake value and would indicate that current consumption levels are unlikely to pose an adverse health risk in the general population. However, due to the uncertainty in our knowledge and the less-than-perfect nature of epidemiology studies, it is important to strongly support the continued reduction in emissions of TCDD and other dioxin-like compounds to the environment.

2.4 National Exposure Standards for Dioxins

A number of national regulatory agencies have established human exposure standards for dioxins, generally referred to as tolerable daily or weekly intakes.

2.4.1 Japan

Following the same principles as the WHO 1998 re-evaluation of TDI (WHO, 1998), a joint committee from the Japanese Environment Agency and the Ministry of Health and Welfare considered the establishment of a TDI for PCDD/Fs and dioxin-like PCBs (Environment Agency and Ministry of Health and Welfare, 1999; Ohno, 2001). From the data of Gehrs et al (1997) and Gray et al (1997b), they concluded that a level of approximately 86 ng/kg is the lowest maternal body burden value just below or above which effects are manifested, including female genital anomalies that were considered to be significant as a toxic endpoint. The committee noted that in some toxicity studies, effects had been observed at lower body burdens, but when dose-dependency, reliability, reproducibility and the toxicological significance of the tests were considered, they were thought to be inadequate to use as indices for human health effects; these included the studies on endometriosis (Rier et al, 1993), reduced learning ability in offspring of monkeys (Schantz & Bowman, 1989), and decreased sperm counts in offspring of rats (Gray et al, 1997a). (This latter study drove the lower limit of 1 pg TEQ/kg bw/day of the WHO TDI range of 1–4 pg TEQ/kg bw/day.) For a maternal body burden of 86 ng/kg, an estimated human daily intake of 43.6 pg TEQ/kg bw/day was derived, and, by using an uncertainty factor of 10 (as per WHO, 1998), a provisional TDI of 4 pg TEQ/kg bw/day was derived.

2.4.2 New Zealand

In the February 2001 report to the New Zealand Ministry for the Environment, *Evaluation of the toxicity of dioxins and dioxin-like PCBs: A health risk appraisal for the New Zealand population* (Smith & Lopipero, 2001), New Zealand intakes of dioxins and dioxin-like compounds were compared with the TDI target value established by the WHO (WHO, 1998) and the Minimal Risk Level (MRL) set by the ATSDR (ATSDR, 1998) of 1 pg TEQ/kg bw/day. However, one of the recommendations of this report was that "identifying a tolerable daily intake [for New Zealanders] is not recommended".

2.4.3 The Netherlands

The exposure limit derived by the Health Council of the Netherlands (1996) is the same as the lower end of the TDI range derived by the WHO (1998) of 1–4 pg WHO-TEQ/kg bw/day. The Council's Committee on the Risk Evaluation of Substances considered that studies on Rhesus monkeys that reported objective recognition effects (Bowman et al,

1989a), endometriosis (Rier et al, 1993), and prenatal death (Bowman et al, 1989b), and a study in Marmoset monkeys that reported a change in lymphocytes (Neubert et al, 1992) were the most relevant for the derivation of a health-based criterion. From these, a LOAEL of 0.1 ng/kg bw/day was determined, and considered to be equivalent to a NOAEL of 0.05 ng/kg bw/day. Safety factors of 5 (for interspecies variation between monkeys and humans) and 10 (for differences in sensitivities between humans) were applied to give an exposure limit of 1 pg/kg bw/day; the Committee considered that this limit should be applicable to the intake of mixtures of PCDD/Fs and dioxin-like PCBs, expressed as total TEQ. The Netherlands supports the objective of the European Commission's Strategy for Dioxins to reduce human intake levels to below 14 pg WHO-TEQ/kg bw per week (ie. the TWI recommended by the EC-SCF); this strategy was agreed by the European Council of Ministers in December 2001 (COM, 2001).

2.4.4 United Kingdom

The TDI of 10 pg TCDD/kg bw/day recommended by the WHO Expert Group in 1990 (WHO, 1991) was endorsed by the UK Department of Health's Committee on the Toxicity of Chemicals in Food, Consumer Products, and the Environment (COT) (MAFF, 1992) on the basis of carcinogenicity, and reproductive and development effects. Subsequently, the COT recommended that the TDI could be regarded as 10 pg TEQ/kg bw/day based on the combined intakes of PCDD/Fs and dioxin-like PCBs (COT, 1997). In 2001 the COT produced a detailed review on dioxins and dioxin-like PCBs (COT, 2001). The Committee concluded that the available human data did not provide a sufficiently rigorous basis for establishment of a tolerable intake, so it was necessary to base its evaluation on data from studies conducted in experimental animals. It concluded that the most sensitive end-point was the effects on the developing reproductive systems of male rat foetuses exposed *in utero*. Based on this, the COT recommended that the TDI for dioxins and dioxin-like PCBs be reduced from 10 to 2 pg WHO-TEQ per kg bodyweight. This is in line with the recommendations of other bodies such as the European Commission's Scientific Committee on Food and the Joint FAO/WHO Expert Committee on Food Additives.

2.5 Hazard Summary and Discussion

This hazard assessment has reviewed some of the large amount of data on the toxicology and epidemiology of dioxin-like compounds, and summarises recent hazard assessments made by international organisations and several national agencies. Reviews of experimental data by a range of national and international agencies indicate that endocrine and reproductive effects should be among the most sensitive effects in both animals and humans.

Adverse effects reported in animals following exposure to dioxins include immunotoxicity, endometriosis in Rhesus monkeys, developmental behavioural effects in offspring of treated Rhesus monkeys, and developmental effects in rats (including reproductive toxicity in males and urogenital malformations in females). The animals most sensitive to dioxin-induced adverse effects were the male offspring of treated rats. In a study by Faqi et al (1998), dams received a loading dose of 25, 60 or 300 ng 14C-TCDD/kg bw two weeks prior to mating, followed by weekly doses of 5, 12 or 60 ng/kg bw throughout mating, pregnancy and lactation. Decreased sperm production and feminised sexual behaviour were observed in male offspring at the lowest dose, which was taken as the LOEL. The Joint Expert Committee on Food Additives (JECFA) applied linear and nonlinear curve fitting techniques to derive maternal steady-state body burden estimates of 25 and 39 ng/kg bw, respectively, at this LOEL. The lowest NOEL was found in a reproduction study by Ohsako et al (2001) in which Holtzman rats received a single oral dose of 0, 12.5, 50, 200 or 800 ng TCDD/kg bw on the 15th day of pregnancy. Male offspring displayed reduced anogenital distance and androgen receptor mRNA levels in the ventral prostate, with a LOEL of 50 ng/kg bw and a NOEL of 12.5 ng/kg bw. By reference to toxicokinetic data, JECFA estimated a maternal body burden of 13–19 ng/kg bw at the NOEL and 51–76 ng/kg bw at the LOEL.

In humans, the most widely recognised and consistently observed effect following high dose exposure to TCDD is chloracne. The condition can disappear after termination of exposure or can persist for many years. Other effects on the skin include hyperpigmentation and hirsutism. Increased levels of hepatic enzymes and slight alterations in lipid profile have been reported in humans exposed to high levels of TCDD, although the effects were mild and often transient. Temporary enlargement of the liver has also been observed.

TCDD can cause long-term alteration in glucose metabolism and slight changes in thyroid function. Evidence is suggestive of a weak correlation between diabetes incidence and occupational or accidental exposure to dioxins; however, background exposure to dioxins is not a significant risk factor for individuals who have not been occupationally or accidentally exposed.

Effects on the respiratory system, manifested mainly as upper respiratory tract irritation, have resulted from acute high exposure to TCDD. Other irritant effects resulting from acute exposure include conjunctivitis with red and irritated eyes, and blepharitis.

Clinical illness associated with immune system disorders does not appear to have been associated with TCDD in any cohort studied.

There is some suggestive evidence of toxicity to the cardiovascular system. Some studies report that higher exposure to dioxins is associated with hyperlipidemia and increased frequency of ischaemic heart disease, valvular heart disease, and retinopathy.

While dioxins can increase the incidence and severity of endometriosis in monkeys, epidemiology studies and small, hospital-based case-control studies have failed to provide compelling evidence for or against an association of environmental contaminants and endometriosis in humans.

Results from human studies of developmental effects and exposure to TCDD have generally been inconclusive. Studies of the risk of spontaneous abortion involving occupational and environmental herbicide exposure have generally not found increased risks. Several studies indicate that paternal exposure to dioxins may be associated with the birth of more girls than boys; however, the median concentration of dioxin in fathers in a study on a Seveso cohort was about 20 times the estimated average concentration of TCDD currently found in human beings in industrialised countries.

The potential neurotoxicity of PCBs was first recognised when people in Japan (1968) and Taiwan (1978-1979) consumed rice oil contaminated with PCBs and PCDFs; offspring had poorer cognitive functioning as well as other behavioural problems. In the recent Dutch PCB/dioxin study, assessment of school-age children suggested that subtle cognitive and motor developmental delays arising from prenatal PCB and dioxin exposure were seen when parental and home characteristics were less optimal but such effects were not measurable in children raised in more optimal environments. Nevertheless, findings on studies on children exposed to near background levels of PCBs and dioxins are controversial; the application of causation analysis to 24 epidemiology studies that sought an association between maternal PCB exposure and neurodevelopmental effects led to the conclusion that although there is biological plausibility, a causal association was without empirical support. A US study indicated that performance of more highly PCB-exposed breast-fed children was not diminished but was positively correlated with duration of breast-feeding.

Recently data has been collected from animal and human studies which raise concerns that teeth development may be a sensitive target for dioxin toxicity. Dental hard tissues (ie. enamel and the dentin) are not remodelled once they have been formed and hence disturbances in the function of the enamel-forming ameloblasts and the dentin-forming odontoblasts are permanent in nature and thus amenable to investigation. Whilst there is evidence of effects on tooth development arising from significant exposures to dioxin-like compounds in animal studies and humans (Yusho, Yu-Cheng and Seveso incidents), recent results from Finnish studies are not so clear cut with respect to population exposures to general ‘background’ levels. Certainly, prevailing levels of PCDD/Fs and PCBs in Finland appear to be below the threshold to cause perinatal eruption of teeth. A firm conclusion on whether hypodontia and mineralisation defects are associated with pre- and/or perinatal exposure to dioxin-like compounds would appear to require further studies involving larger numbers of children.

Of the range of non-cancer health effects evaluated in exposed adult populations, some appear to be transient and not observed when exposure ceased, whereas other effects persist for some years. Overall, epidemiology studies on populations exposed occupationally or environmentally to TCDD have not demonstrated any significantly increased all-cause or non-cancer mortality.

Epidemiological evidence from the most highly TCDD-exposed cohorts studied produces the strongest evidence of an increased cancer risk from exposure to dioxins, when the data are considered for all cancers combined. There is weaker evidence of an increased cancer risk when the data for cancers at particular sites are considered. In specific cohorts, excess risks were observed for reproductive cancers (female breast, endometrium, male breast, testis) but, overall, the pattern is inconsistent. The relative risk estimates are generally low, they are relatively consistent across studies with the highest exposures. While they are not likely to be explained by confounding, this possibility cannot be excluded.

It is difficult to find epidemiological data that have sufficient dose-response information to provide reliable risk estimates for cancer in exposed human populations. Modelling is complicated by uncertainties in extrapolating current body burdens of dioxins to past occupational exposure and by the choice of the dose-response model to fit the data. Scientific debate about the potential human carcinogenicity of dioxin-like compounds has been ongoing for many years and recent meta-analyses from three occupationally-exposed cohorts have reached such different conclusions that the debate on the carcinogenic potency of dioxins will continue for quite some time.

Three recent key international evaluations have established that hormonal, reproductive and/or developmental effects are the most sensitive indicators of dioxin-related toxicity in experimental animals. Despite some differences in the most significant studies and in the methodology used to analyse the data, the WHO, the EC-SCF and JECFA reached similar conclusions and recommended a similar health intake standard. As shown in Table 2-3, when expressed in terms of daily dose, the human intake standards proposed by the EC-SCF and JECFA lie close to the mid-point of the TDI range of 1–4 pg TEQ/kg bw/day proposed by the WHO consultation.

Table 2-3 Comparison between the standards (as TEQ) for human intake of dioxins, furans and dioxin-like PCBs agreed by WHO (1998), EC-SCF (2001) and JECFA (2001)

Exposure standard	pg kg bw/day	pg/kg bw/week	pg/kg bw/mnth
WHO consultation (1998)	**1–4**	7–28	30–120
EC-SCF (2001)	2	**14**	60
JECFA (2001)	2.3	16.3	**70**

Note: The recommended exposure standards are shown in bold, with conversions to a daily, weekly or monthly basis in plain type.

In 2002 Australia recommended a Tolerable Monthly Intake (TMI) for Australians of 70 pg TEQ/kg bodyweight from all sources combined, and including polychlorinated dioxins, polychlorinated furans and dioxin-like PCBs (NHMRC/TGA, 2002), this value being equivalent to that set by the JECFA. It was suggested at that time that this TMI be

reviewed following any further hazard evaluation of dioxins by international agencies, or the publication of significant new findings.

This re-assessment notes that, although the cancer hazard posed by this chemical has probably received the bulk of attention over the past 20 years, non-cancer hazards are likely to be more important than the cancer hazard at current background levels to which the general public may be exposed. In studies in animals, developmental toxicity appears to be most sensitive effect of TCDD, consistently seen in mice and rats. A range of adverse effects following dioxin exposure have been reported in various epidemiology studies in humans over the past 25 years, of which the most consistently reported adverse effect is chloracne.

Based on our analysis of various international hazard assessments and relevant literature published between 1999 and late 2003, it is considered that the Australian TMI of 70 pg/kg bw/month as recommended by the NHMRC and the TGA's Office of Chemical Safety should be adequately protective of the general population with respect to effects of dioxin-like compounds. Nevertheless, in view of uncertainties in the data and of adverse trends or findings in populations with higher exposures than the general public, continuing efforts should be made to minimise releases of these compounds to the environment.

Whilst several agencies have recommended against the establishment a health reference dose (eg. the US EPA, the NZ Ministry for the Environment), it is noted that the majority of the panel members of the US EPA's Science Advisory Board (SAB) recommended to the EPA that an RfD should be set.

3. Exposure Assessment

Methodology and Terminology

In conducting a human exposure or intake assessment, use is made of analytical data on levels of dioxin-like compounds in foodstuffs and various environmental media. With respect to exposure to dioxin-like compounds, this exposure assessment focuses on 17 PCDDs and PCDFs and 12 co-planar PCBs which are included in the WHO TEQ. Issues to be considered include how representative of the foodstuff or environmental medium was the sampling and how accurate was the assay method. Furthermore, interpretation of reported data are complicated by different ways in which congeners that are not actually detected are represented in sums or averages. Such non-detects need to be considered since a non-detect can mean that the compound is not there, or that the assay method used was not sufficiently sensitive to detect it. In other cases, the methodology may detect a compound but not be sufficiently sensitive to accurately quantify it.

When dioxin-like PCDD/PCDF and/or PCB congeners are not detected in an assay, there are three ways of incorporating such non-detects into the estimate of total TEQ levels. The non-detected congeners can be taken to be present at zero concentration, in

which case the TEQ estimated is the *lower bound* estimate. If non-detects are taken as being present at the Limit of Detection (LOD)[21] of the assay, then the TEQ reported is the *upper bound* estimate. The lower-bound and upper-bound estimates correspond to the minimum concentration known to be present and to a larger concentration that might be present. In almost every case, the upper bound will be an overestimate of the true value, the degree of over-estimation decreasing with increasing assay sensitivity. If non-detects are assumed to be present at 1/2 the LOD, the TEQ parameter is referred to as the *medium bound* estimate. It should be noted that if the lower bound and upper bound totals are far apart (as is often the case, particularly when assay methodology is not particularly sensitive), the medium bound estimate is not necessarily any closer to the 'true' TEQ than is either of the other two estimates. In the light of the issues above, comparisons of data collected by different programs and measured by different laboratories has to be carried out with great caution (Startin & Rose, 2003).

In the following Chapter, TEQ values estimated in different studies are sometimes compared. It should be noted several ways of calculating TEQ values have been developed eg. the Nordic TEQ (N-TEQ), the International TEQ (I-TEQ) and the WHO-TEQ. The N-TEQ (no longer used) differs from the I-TEQ mainly in that in the N-TEQ the octa-dioxin/furan congeners are not counted, while in I-TEQ they are given a TEF of 0.001; this would result in N-TEQ calculations being slightly lower than the equivalent I-TEQ calculations. WHO-TEQ values are based on the most recent scientific consensus (Van den Berg et al, 1998), withdrawing TEFs for the di-ortho PCBs (PCB170 and 180) that were assigned earlier and revising TEFs for 1,2,3,7,8-pentaCDD, octaCDD, octaCDF and PCB77. Recalculating I-TEQs as WHO-TEQs would commonly result in an approximately 10% increase in TEQ levels (Van Leeuwen et al, 2000; Smith & Lopipero, 2001). The differences between the respective TEFs are not great. Although the most important dioxin-like PCBs have been given TEF values, it should be appreciated that PCBs may interact with cellular sites other than the *Ah* receptor and therefore have some other effects that cannot be expressed in terms of TCDD equivalence. For more information on the TEQ concept and its use, see Ahlborg et al (1994) and Van den Berg et al (1998) and Appendix XVIII for a comparison of TEFs.

3.1 Current Levels in the Australian Population

3.1.1 Blood serum analysis

The aim of the study by Harden et al (2004) was to measure the serum levels of polychlorinated dibenzo-p-dioxins (PCDDs), polychlorinated dibenzofurans (PCDFs) and polychlorinated biphenyls (PCBs) in pooled blood serum collected throughout Australia between 2002-2003. De-identified serum samples were selected from surplus pathology samples and stratified according to gender, age and region, as follows:

[21] LOD – the lowest concentration of a chemical that can be qualitatively detected using a specified laboratory method (ie. it can be detected but not quantified). This may be compared with the Limit of Quantitation (LOQ), the lowest concentration of a chemical that can be detected and quantified with an acceptable degree of certainty.

Age Stratification

- <16 years (0 – 15 years, born 1987-2002 inclusive)
- 16-30 years (16-30 years, born 1972-1986 inclusive)
- 31-45 years (31-45 years, born 1957-1971 inclusive)
- 46-60 years (46-60 years, born 1942-1956 inclusive)
- 60 years (> 60 years of age, born in 1941 or earlier)

Geographic Stratification

- Four urban regions:
  - Northeast (Brisbane, Tweed and Gold Coast and other major population centres in Queensland);
  - Southeast (Sydney, Canberra, Wollongong, Newcastle and other major population centres in New South Wales);
  - South (Melbourne, Adelaide, Hobart and other major population centres in Victoria);
  - West (Perth and other major population centres in Western Australia)
- One rural region:
  - Including rural areas from all States and the Northern Territory, according to the population distribution

Where there were sufficient numbers of samples collected for each of the 50 strata, each stratum was represented by duplicate pools, analysed independently. For individuals less than 16 years old from the South and West urban regions, there were insufficient numbers of samples available, hence samples in these strata were assayed as a single pool for each gender and region, rather than in duplicate. In total, 9090 samples from the 50 strata were collected and pooled to give 96 pools.

With the exception of the number of samples collected for either sex aged <16 years in the West and South urban regions, the number of samples in each stratum was between 122-202, with an average of 193 ± 18 samples. The number of samples collected for the strata <16 years in the South and West regions were between 67-68 and 24-28, respectively. The approximate percentage of the population represented by each age strata was between 5-10%. The approximate percentage of the total Australian population represented by the 5 regions; Northeast, Southeast, South, West urban regions and one rural area were 25, 20, 9, 7 and 19% respectively. Figure 3-1 shows the geographical distribution of the collection regions.

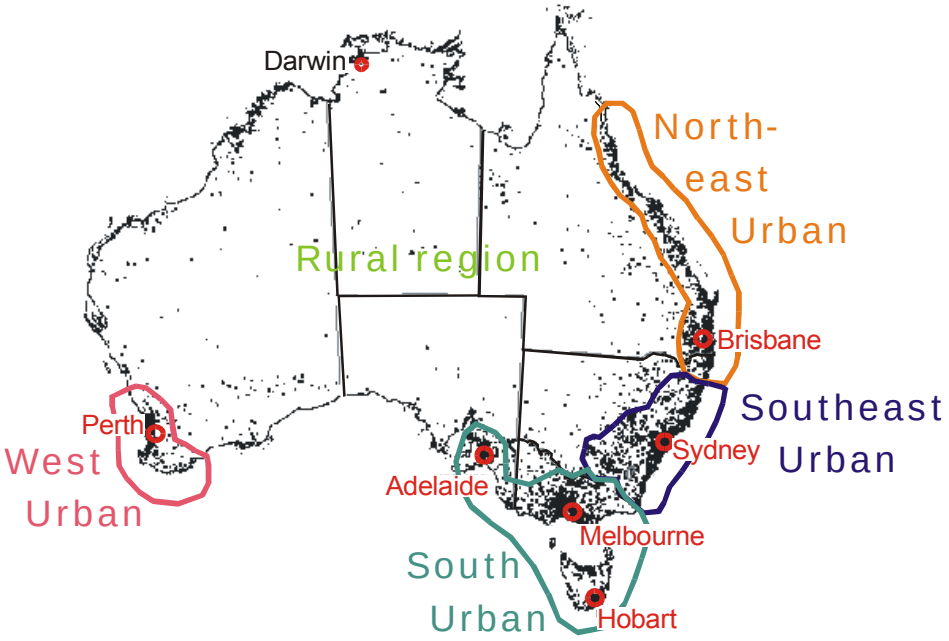

Figure 3-1 Map indicating the sampling regions of four major population areas of Australia.

The population density of each region is indicated in black (2002 data from the Australian Bureau of Statistics).

All pooled samples were sent to ERGO-Forschungsgesellschaft mbH, Hamburg, Germany for analysis, and 10 duplicate samples were sent to Health Canada, Ottawa, Canada for inter-laboratory comparison. Both laboratories are accredited for analytical dioxin analysis. Inter-laboratory and intra-laboratory variation between average values was approximately 10% and within acceptable ranges. The ERGO data were analytically reproducible, exhibiting normalised differences of between 10.3 to 21.7% for the 4 pools selected, when measured in duplicate.

The decision to use surplus pathology samples (and the possible attendant bias towards individuals who may have had some degree of physiological perturbation) *vs* a specific but totally random collection of samples across the population was made on the basis of (1) procedural complexity, including the need for more staff and material resources; (2) necessity to seek consent from each participant; and (3) much lower sample numbers for a given budget. A pilot study to compare results from pathology samples (males 30-45 years old) with samples taken for the purposes of medical examination for insurance cover (males 30-45 years old) was performed. For most of the congeners, the difference was less than 20% and thus may be explained by normal variations in analytical sensitivity. The findings indicated that there was the possibility of greater variation within the same group (ie. insurance pool 1 *vs* insurance pool 2) than between the different groups (insurance and pathology).

3.1.1.1 Levels of PCDD, PCDFs and PCBs in Blood Serum

Dioxin compounds accumulate in the fat stores of the human body. It is assumed that under steady-state conditions, the dioxin concentration in fat stores is equivalent to that present in the lipid fraction of the blood. Thus the dioxin concentration in blood is calculated on a lipid weight basis.

The concentrations of PCDD/Fs and PCBs, as TEQs calculated using WHO-TEFs (Van den berg et al, 1998) on lipid weight basis, are expressed as upper and lower bound TEQ. Only the upper bound TEQ values are reported in the text. Both lower and upper bound TEQ values stratified by age group, sex and region are recorded in Appendices (Appendix VII and VIII).

3.1.1.1(a) Total PCDDs, PCDFs plus PCBs

Table 3-1 gives the results for total WHO-TEQ (PCDD/Fs plus PCBs) for all analysed pools from the 5 age groups and regions for each sex.

Table 3-1 Australian serum levels of total dioxins (WHO-TEQ ng/kg lipid) measured in two pools (P1, P2) by age group, gender and region.

Sex	Age (years)	Northeast Urban		Southeast Urban		South Urban		West Urban		Rural Area	
		P 1	**P 2**	**P 1**	**P 2**	**P 1**	**P 2**	**P 1**	**P 2**	**P 1**	**P 2**
Male	<16	5.9	5.6	8.0	5.8	6.1	N/A	6.5	N/A	6.5	6
	16-30	5.8	5.0	5.9	7.6	6.0	5.4	4.7	4.9	5.3	6.6
	31-45	7.2	7.3	8.2	11	6.5	8.1	7.7	9.8	7.1	8.0
	46-60	12	15	13	14	14	12	11	10	12	12
	>60	17	19	22	18	19	20	18	19	16	19
Female	<16	5.5	5.3	6.3	7.3	**4.6**	N/A	5.9	N/A	8.3	6.8
	16-30	5.8	6.1	7.1	8.1	6.0	4.9	4.8	5.3	6.1	6.5
	31-45	9.0	7.7	14	11	7.3	7.6	7.2	7.2	8.6	9.8
	46-60	14	12	15	16	11	10	9.7	9.9	12	12
	>60	25	22	25	**28**	21	19	19	21	22	27

Data are given as upper bound values for PCDD/Fs plus PCBs
N/A = only one sample pool was analysed due insufficient number of samples.
Bold text = maximum and minimum values

The mean total WHO-TEQ (PCDD/Fs plus PCB) for all pooled samples was 10.90 ng WHO-TEQ/kg lipid. For males and females, the mean levels were 10.35 ng WHO-TEQ/kg lipid and 11.48 ng WHO-TEQ/kg lipid, respectively.

The serum levels of total dioxins expressed as TEQ varied by a factor of 6.1 from a minimum of 4.6 ng WHO-TEQ/kg lipid detected in South urban females <16 years (pool 1) to a maximum value of 28 ng WHO-TEQ/kg lipid in Southeast urban females >60 years (pool 2) (refer to bold type in Table 3-1).

3.1.1.1(b) Contribution from PCDDs and PCDFs

Total PCDDs and PCDFs across all regions were very similar (see graphs in Appendix II). The mean total PCDD/Fs by age group and sex, averaged across all regions is shown in Table 3-2. The levels of total PCDD/Fs increased with increasing age of the donor. The levels of total PCDD/Fs expressed as TEQ varied by a factor of 5.9 from a minimum value of 2.9 ng WHO-TEQ/kg lipid detected in Southeast females <16 years (pool 2) to 17 ng WHO-TEQ/kg lipid detected in Southeast females >60 (pool 2). There was a tendency for PCDD/Fs to be marginally higher in individuals from the Southeast and rural regions compared to Northeast, South and West regions (refer to appendix II). The contribution of PCDD/Fs to the total dioxin TEQ across all regions and age groups was between 59-67%.

3.1.1.1(c) Contribution from PCBs

As with PCDD/Fs, there is a general trend of increasing PCB concentrations with age (Table 3-2). This age trend was evident from individual congener data, the sum of PCB congeners and PCB WHO-TEQ. The levels of PCBs expressed as TEQ varied by a factor of 9.2 from a minimum value of 1.3 ng WHO-TEQ/kg lipid detected in a pool of South region females 16-30 years (pool 2) to a maximum value of 12 ng WHO-TEQ/kg lipid detected in >60 year old females living in the rural region (pool 2). The contribution of PCBs to the total dioxin WHO-TEQ was between 33-41% and was similar across all regions.

3.1.1.1(c)(i) PCB #126 and PCB #169 Loadings

The percent contribution of PCB #126 and PCB #169 to the total WHO-TEQ for PCBs is shown in Figure 3-2 (refer to as PCB loading). PCB #126 and PCB #169 were selected for analysis because they exhibit the highest TEF values, of 0.1 and 0.01 respectively, are the most toxic of all the PCB congeners and made the greatest contribution to the total PCB TEQ for any strata (Appendix III).

There was a decrease in the PCB #126 loading from the younger strata (<16 year old, Male 61.3%; Female 69.7%) compared to the older strata (>60 year olds, Male 38.7%; Females 43.0%), across the 5 regions, despite the increasing total PCB WHO-TEQ with age. Across all age groups, individuals located in the Southeast region had marginally higher PCB #126 loadings compared to other regions, with females and males exhibiting a 7-15% and 1-8% increase in PCB #126 loading, respectively. Generally females exhibited ~5% higher PCB #126 loading than males of similar age within the same region (Figure 3-2).

The mean percent contribution of PCB #169 to the total PCB WHO-TEQ was less than 5% across the 5 regions and age groups for both sexes. The PCB loading of #169 was significantly less than PCB #126 due to the 10-fold lower TEF value. Individuals in the West region exhibited marginally higher PCB #169 loadings compared to other regions, with males and females exhibiting <0.8% increase in PCB #169 loading. On average, males exhibited approximately 1% higher PCB #169 loading compared to females in the same age group (Figure 3-2).

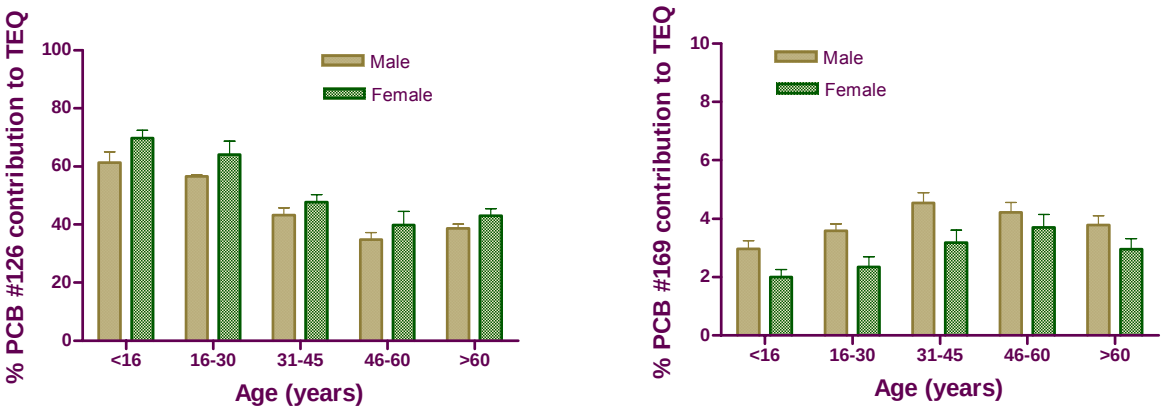

Figure 3-2 Percent contribution of PCB #126 and PCB #169 to the total PCB WHO-TEQ for a representative sample of the Australian population.

Data shown represents % contribution of PCB #126 and PCB #169 to the total WHO-TEQ for PCBs (upper bound).

Table 3-2 Serum concentrations of PCDD/Fs, PCBs and total dioxins (PCDD/Fs plus PCBs) of Australians by age group and gender averaged across regions.

Sex	Age (years)	Serum concentration across regions (ng WHO-TEQ/kg lipid)[#]		
		Minimum	Maximum	Mean[$] ± SD
PCDD/F TEQ				
Male	<16	3.90	5.30	4.21 ± 0.34
	16-30	3.40	4.60	3.69 ± 0.38
	31-45	4.50	7.10	5.34 ± 0.55
	46-60	6.40	9.30	7.76 ± 0.74
	>60	8.70	12.00	11.21 ± 1.12
Female	<16	**2.90**	4.30	3.54 ± 0.53
	16-30	3.40	4.10	3.68 ± 0.23
	31-45	4.90	6.70	5.67 ± 0.41
	46-60	6.60	9.20	7.76 ± 0.69
	>60	14.00	**17.00**	14.30 ± 0.76
PCB TEQ				
Male	<16	1.50	2.30	2.11 ± 0.75
	16-30	1.70	2.90	2.00 ± 0.37
	31-45	1.50	4.80	2.68 ± 0.74
	46-60	3.60	6.20	4.68 ± 0.84
	>60	6.30	9.60	7.28 ± 0.93
Female	<16	1.40	4.70	2.49 ± 1.15
	16-30	**1.30**	4.70	2.38 ± 1.13
	31-45	1.80	7.10	3.21 ± 1.84
	46-60	3.10	8.10	4.33 ± 0.69
	>60	5.90	**12.00**	9.99 ± 4.80
Total TEQ (PCDD/Fs plus PCB)				
Male	<16	5.60	8.00	6.32 ± 0.57
	16-30	5.00	7.60	5.69 ± 0.72

Sex	Age (years)	Serum concentration across regions (ng WHO-TEQ/kg lipid)[#]		
		Minimum	Maximum	Mean[$] ± SD
	31-45	6.50	11.00	8.02 ± 0.97
	46-60	7.30	14.00	12.44 ± 1.09
	>60	16.00	22.00	18.51 ± 0.99
Female	<16	**4.60**	8.30	6.05 ± 1.16
	16-30	4.80	8.10	6.06 ± 0.99
	31-45	7.20	14.00	8.88 ± 2.02
	46-60	9.70	16.00	12.09 ± 1.99
	>60	19.00	**28.00**	24.26 ± 5.16

TEQs calculated using the 1998 WHO-TEFs. Data reported as upper bound TEQs. Bold print indicates maxima, minima for PCDD/F, PCB or Total WHO-TEQ.

$ This does not correspond to a summation of the PCDD/F TEQ and PCB TEQ levels reported in the table, because the minimum PCDD/F TEQ and PCB TEQ occur in different samples, and similarly the maximum PCDD/F TEQ and PCB TEQ are for different samples.

* Minima, maxima and means were calculated using data from individual pools for males <16 and females <16 from the South Urban and West Urban regions.

3.1.1.2 Analysis of the factors that affect the concentration of dioxins in human blood sera

Exposure to persistent organic pollutants and subsequent body burden can be influenced by a range of factors including the age and sex of donor and the region in which the donor resides. Note that in this study, sample donors may have only resided in the area from which the sample was collected for a short period of time. Furthermore, the study design did not allow assessment of whether individuals within a particular pool had been excessively exposed to dioxin-like compounds through either diet or occupation.

3.1.1.2(a) Effect of age on serum levels of PCDD/Fs and PCBs

Figure 3-3 indicates the effects of age on the levels of total dioxins (PCDD/Fs plus PCBs) in males and females from each of the 5 regions. For all regions, the WHO-TEQ for total dioxins increased with age from the 16-30 years of age group onwards.

There was a clear trend of increasing levels of total dioxins (PCDD/Fs plus PCBs, expressed as WHO-TEQ) from the younger strata (16-30 years; 5.88 ± 0.42 ng WHO-TEQ/kg lipid) to the older strata (>60 years; 21.39 ± 0.91 ng WHO-TEQ/kg lipid) in samples from all regions. Notably, this increase in concentration only applies from the second youngest age group onward whereas no difference was observed between the concentrations in the 0-16 year old groups (6.19 ± 0.41 ng WHO-TEQ/kg lipid) and the 16–30 year old groups (5.88 ± 0.32 ng WHO-TEQ/kg lipid).

Because of the limited number of samples, pooling of samples, and limited stratification of subjects sampled, it is not possible to detect whether females who breast fed would have lower levels of dioxins than those who did not; this investigation would require a more detailed study.

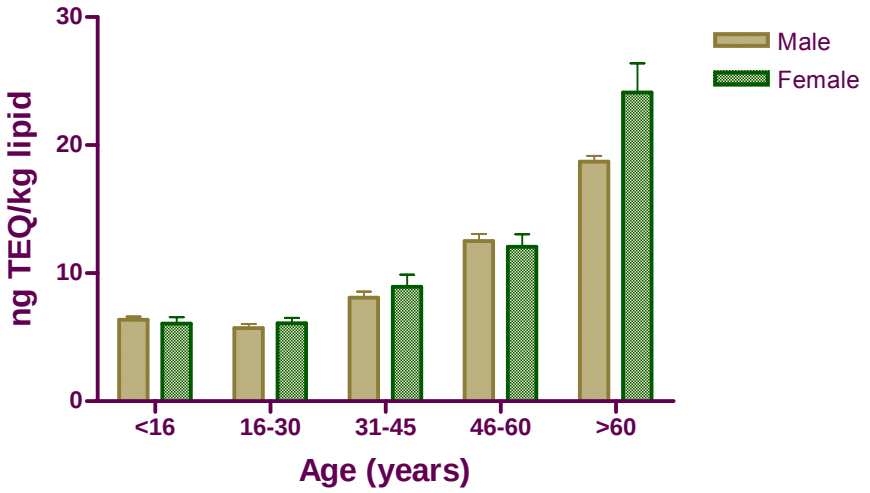

Figure 3-3 Mean total dioxin (PCDD/Fs plus PCBs) WHO-TEQ in the serum of a representative group of Australian population, by age and sex.

Data shown represent average upper bound WHO-TEQ values for pooled samples across 5 regions obtained for males and females from 5 age groups.

Many studies (Buckland et al, 2001; Wittsiepe et al, 2000; Schuhmacher et al, 1999; Jimenez et al, 1996) have shown that serum concentrations of dioxin compounds (PCDD/Fs and PCBs) increase with increasing age of the individual. One factor influencing this is the fact that older people were exposed to higher environmental levels of dioxins than those growing up now; this is discussed in further detail below.

3.1.1.2(b) Regional differences in the levels of PCDD/Fs and PCBs

Within age groups, the levels of PCDD/Fs, PCBs and total dioxins (PCDD/Fs plus PCBs) in serum appear to be very similar across all regions. With the exception of the <16 year old females, the serum concentrations from the Southeast region exhibit marginally higher levels of total dioxin WHO-TEQs compared to the West, South, Northeast urban and rural regions. For <16 year old females the highest levels of total dioxins were found in the rural region (Figure 3-4). With the exception of older rural females (>60 years), total dioxin WHO-TEQ values were similar between urban and rural areas. Rural women from the older strata (>60 years old; 25.4 ng WHO-TEQ/kg lipid) had a higher total dioxin WHO-TEQ compared urban females of the same age (22.0 ng WHO-TEQ/kg lipid averaged across the 4 urban regions).

Given that the major route of exposure for dioxins is via the diet and that the food that is consumed throughout Australia is derived from similar sources, the level of dietary exposure would be very similar across the country[22]. Thus it was not surprising that no significant regional differences in the levels of dioxins in blood serum were observed.

[22] Like the USA, nutritional exposure is subject to national food distribution systems (IOM, 2004).

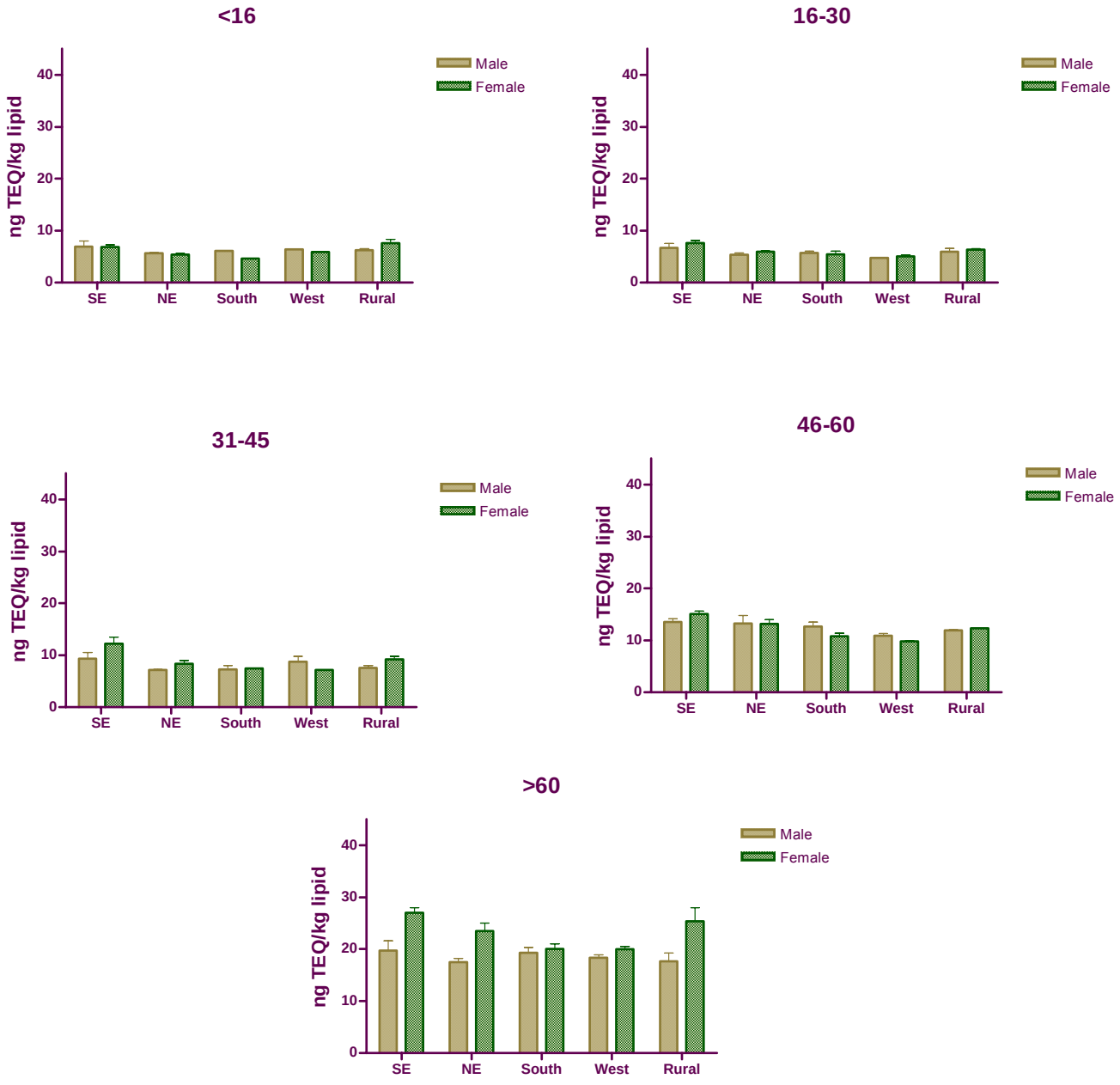

Figure 3-4 Mean total dioxin (PCDD/Fs plus PCBs) WHO-TEQ in the serum of a representative group of the Australian population by sex, age group and region.

Data shown represent average upper bound WHO-TEQ values for pooled samples across 5 regions obtained for males and females from the 5 age groups.

3.1.1.2(c) Effects of gender on the levels of PCDD/Fs and PCBs

With the exception of the >60 years age group, the total dioxin (PCDD/Fs plus PCBs) WHO-TEQ per unit lipid did not show any systematic difference between males and females. For the >60 years age group, the total dioxin WHO-TEQ for females appears to be slightly higher than males. This difference cannot be explained by differences in the average age as these were remarkably similar for males and females.

In females, the absolute amounts of total dioxin WHO-TEQs per unit body weight would be higher than in males are due to their increased percent body fat (refer to body burden section).

3.1.1.3 Comparison of serum levels with International Data

3.1.1.3(a) Comparison of Australian serum levels of PCDD/Fs with other countries

A comparison of the Australian levels of PCDD/Fs with those from other countries is depicted in Figure 3-5. Data can be found in tabular form in Appendix IV.

3.1.1.3(a)(i) North American studies

Tepper et al (1997) investigated PCDD/F levels in serum of males from community residents (control group), low-exposure-potential workers and high-exposure-potential workers from a pulp and paper mill in the USA. The median PCDD/F serum level in the control group viz.19.1 pg/g lipid was not appreciably different from that in the other two exposure groups. This value is approximately 3-fold higher than the mean of 6.4 pg/g serum lipid in Australian males, a value which was obtained by averaging across all 5 age groups (see Table 3-2).

Mean PCDD/F TEQs of pre-delivery blood and postpartum blood obtained from 5 females residing in upstate New York between 1995 and 1996 were 12.1 pg/g and 10.0 pg/g lipid respectively (Schecter et al, 1998). (The authors did not state which TEFs were used in this study and the age of the donors was not specified.) These results are somewhat higher than those found in the current Australian study in which the mean PCDD/F WHO-TEQ for reproductive-age females (averaged across 16-30 and 31-45 year age groups; See Table 3-2) was 4.7 pg/g of serum lipid.

3.1.1.3(a)(ii) European Studies

In a study of the PCDD and PCDF levels in serum from exposed and non-exposed workers from 3 sawmills in Finland, a mean I-TEQ level of 50.4 pg/g lipid was found in the non-exposed groups from all 3 sawmills (Kontsas et al, 1998). In comparison, the mean TEQ for Australian males aged 31- 60 years (averaged across 31-45 and 46-60 year age groups given in Table 3-2) is 6.6 pg WHO-TEQ/g of serum lipid.

A study in Mataro, Spain, by Gonzalez et al (2000) assessed the levels of PCDDs and PCDFs in 201 “non-occupationally” exposed subjects, of both genders, aged between 18-69 years. The serum concentration of PCDD/Fs increased with age in both sexes and, as in the current Australian study, was slightly higher in females than males.

Another Spanish study by Jimenez et al (1996) evaluated the background serum levels of PCDDs and PCDFs in 11 non-occupationally exposed people (aged between 19-55 years) living in Madrid in 1993. Calculated I-TEQ values were 8.78 pg/g and 6.96 pg/g lipid for PCDDs and PCDFs, respectively. Total PCDD/F I-TEQ was positively correlated with age (correlation coefficient = 0.79, $p<0.01$).

In a third Spanish study in Tarragona, Schuhmacher et al (1999) determined the concentrations of PCDDs and PCDFs in individual plasma samples of 20 non-occupationally exposed subjects (7 female, 13 male). Subjects were aged between 28-62 years and lived in the vicinity of a new hazardous waste incinerator or in an industrial region. The mean I-TEQ value given was 27.0 pg/g lipid (27.7 pg/g lipid for women and 25.2 pg /g lipid for men). A significant correlation ($r = 0.565$, $p < 0.01$) between the age of the subjects and the levels of PCDD/F in plasma could be observed but no significant differences were found in relation to the specific residential area (urban or industrial).

The 3 Spanish studies discussed above found TEQs for PCDD/Fs to be higher than those found in Australia. In the current Australian study, the mean WHO-TEQ for PCCD/Fs for both sexes, aged between 16-60 years (averaged across 16-30, 31-45 and 41-60 year age groups for both sexes; see Table 3-2) was 5.65 pg WHO-TEQ/g lipid.

Covaci et al (2001) analysed concentrations of PCDDs and PCDFs in 47 pooled human serum samples from 200 women aged between 50 and 65 years living in 2 areas of Flanders, Belgium in 1999. The WHO-TEQ values for PCDDs, PCDFs and PCDD/Fs from rural and suburban areas were 25.6, 23.2 and 48.7 pg/g fat respectively. No statistical differences in individual PCDD/F concentrations between the rural and suburban areas were found, nor was there any statistical difference found between WHO-TEQs for the 2 regions. PCDD/F levels in Flemish women (approx. 49 pg WHO-TEQ/g) were found to be higher than measurements in women living in other industrialized and neighbouring countries, and were considerably higher than current mean levels in Australian females of similar age who had a mean of 11.1 pg WHO-TEQ/g lipid (averaged across 46-60 and >60 years age groups; see Table 3-2).

In Norway, Johansen et al (1996) determined the concentrations of PCDDs and PCDFs in whole blood samples from 24 consumers of crabs, and 10 referents. Subjects were males aged 40-54 years of age. The Nordic-TEQs for PCDDs, PCDFs and PCDD/Fs were 9.7, 11.4 and 21.4 pg/g fat, respectively. The authors state that they found no correlation between the level of PCDD/Fs and age. In the Australian study, a Nordic-TEQ[23] would be approximately 2% lower than the WHO-TEQ, thus the mean total WHO-TEQ for males aged between 31-60 years (average across 31-45 and 45-60 year age groups given in Table 3-2) of 6.6 pg WHO-TEQ/g lipid is significantly lower than that found in the Norwegian study.

Wittsiepe et al (2000) analysed 744 individual whole blood samples collected from Germany in 1989-1998. The gender of the sample donors was not stated. The mean

[23] The Nordic-TEQ does not include OCDD/F compounds (WHO-TEF values of 0.0001) in the calculation of the TEQ, thus using the current Australian data, the Nordic-TEQ would be less than the WHO-TEQ by approximately 2%.

levels of PCDD/Fs found were 43.7 pg I-TEQ/g lipid in 1989, 20.7 pg I-TEQ/g lipid in 1997/98 and 35.6 pg/g I-TEQ/g lipid for 1989-1998 inclusive. The average ages for the periods 1989, 1997/98 and 1989-1998 were 43.6, 44.2 and 43.1 years respectively. The authors state that PCDD/F levels exhibit a positive correlation with age for most of the congeners, the sum values and the calculated toxicity equivalents. In comparison, the mean WHO-TEQ for PCDD/Fs for Australians aged between 31-45 (both sexes; sampled during 2003), was 5.5 pg WHO-TEQ/g lipid.

Menzel et al (1998) determined the dioxin blood level of exposed and 16 unexposed workers in Germany. The levels for exposed workers were greater than unexposed workers. The median PCDD/F level was 18.5 I-TEQ pg/g blood fat for unexposed workers. In another German study, Päpke et al (1996) collected blood samples in 1994 from 134 subjects. The I-TEQ for PCDD/Fs was 19.1 pg/g lipid. Even allowing for the minor differences between I-TEQ[24] and WHO-TEQ, this value is significantly higher than the mean PCCD/F WHO-TEQ of 6.72 pg/g lipid for the Australian population across all age groups. [Note that in view of declining environmental levels over recent decades, the time difference in sampling (1994 *vs* 2003) should be taken into account.]

In a third study from Germany, Wuthe et al (1996) measured blood fat concentrations of PCDDs and PCDFs in pooled samples from children (142 boys, 144 girls, <12 years) and in individual samples from adults. The overall mean PCDD/F I-TEQ was 18.4 pg/g lipid. The children were from 3 different areas in Southern Germany, an urban industrial area, an industrial area within a rural setting and a rural area. The PCDD/F I-TEQ was 8.2, 9.0 and 10.1 pg/g lipid for the 3 regions, respectively. In the current Australian study, the mean PCDD/F WHO-TEQ for children aged <16 years was 3.9 pg/g lipid.

3.1.1.3(a)(iii) Asian Studies

The studies from Asia suggest that levels of PCDD/Fs in human sera are higher in Japan and lower in China when compared to the Australian data.

Kumagai et al (2002) studied the concentrations of PCDDs and PCDFs in exposed and unexposed workers in Japan. The average age of controls was 42.1 years. The mean serum WHO-TEQ of PCDD/Fs in the controls was 20.3 pg/g lipid.

From a survey of the levels of dioxins in human blood (112 women and 131 men) conducted by the Environment Agency of Japan in fiscal year 1998, the mean WHO-TEQ for PCDDs and PCDFs was 11pg-TEQ/g fat with a range of 0.91-33 pg-TEQ/g fat. A total of 234 of the 253 subjects resided in "normal environmental regions" and 19 resided in the vicinity of waste incineration facilities. There were no significant differences detected between the regions.

The Australian mean PCDD/F TEQ across both sexes and all ages was 6.9 pg WHO-TEQ/g lipid, which is lower than mean PCDD/F values from both Japanese studies discussed above.

[24] I-TEQ is approximately 10% lower than the WHO-TEQ

Schecter et al (1996) reported on the concentrations of PCDD/Fs in the general population in a city in the Jiangxi province of China. Two pools of human blood were analysed, one from participants 15-19 years of age and the other one from participants 35-70 years of age. The total dioxin WHO-TEQ in pg/g lipid was 4.8 for the 15-19 year-old age group and 6.4 for the 35-70 year-old age group. These values are similar to 3.7 pg WHO-TEQ/g lipid for Australians aged 16-30 years, but lower than 8.7 pg WHO-TEQ/g lipid found for Australians aged over 31 years. The authors note that China, in comparison with more industrialised countries, has had low background levels of dioxins and furans and that this is most likely a result of lower levels of chemical use and environmental contamination.

3.1.1.3(a)(iv) New Zealand studies

In a study by Buckland et al (2001), 1,834 samples were analysed for levels of PCDDs and PCDFs. Samples were obtained from people of either sex aged >15 years, Maori and non-Maori. The samples were pooled according to age, ethnicity, sex and geographic location to obtain 60 pools. The mean PCDD/F concentration across the New Zealand population aged >15 years was 12.8 pg WHO-TEQ/g lipid. The levels of PCDD and PCDF congeners increased from 6.69 pg WHO-TEQ/g lipid for the 15-24 age group to 20.7 pg WHO-TEQ/g for the >65 age group. In comparison, the Australian mean WHO-TEQ PCDD/Fs for 16-30 year olds and >60 year old groups was 3.7 and 13 pg/g lipid, respectively.

In another New Zealand study, Hannah et al (1994) reported the mean levels of WHO-TEQ PCDD/Fs in blood from 28 unexposed subjects aged between 20-60 years of either sex to be 11.5 pg/g lipid. This corresponds with results from Buckland et al (2001). In comparison, the Australian mean WHO-TEQ PCDD/Fs for 16-60 year olds was 5.65 pg/g.

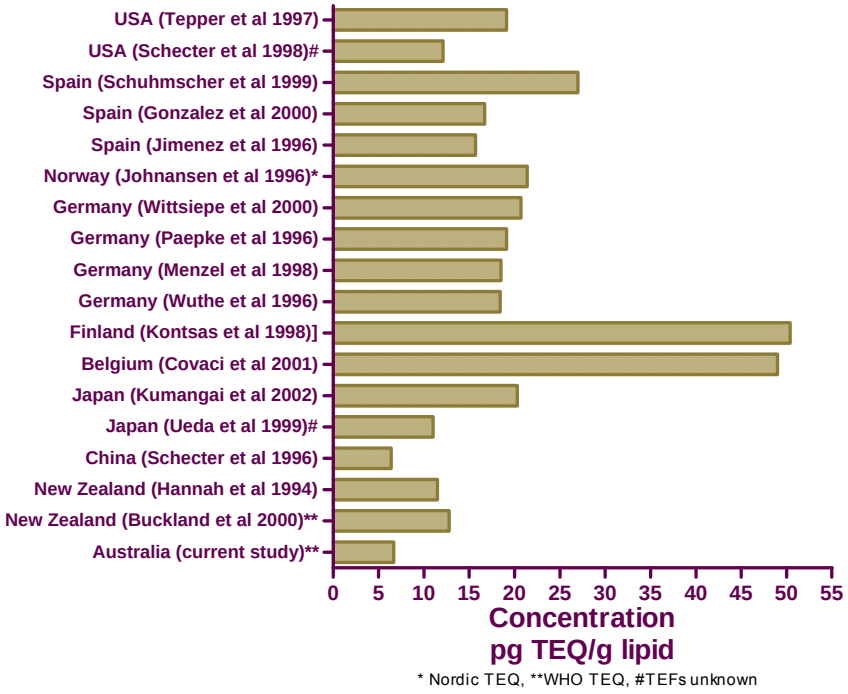

Figure 3-5 International comparison of blood serum levels of PCDD/Fs in non-occupationally exposed populations.

Data are reported as I-TEQs unless otherwise stated. The Nordic-TEQ does not include OCDD/F compounds (the WHO-TEF values for OCDD/F are 0.0001) in the calculation of TEQ, thus the Nordic-TEQ would underestimate the WHO-TEQ. The I-TEQ overestimates the WHO-TEQ by approximately 10%.

3.1.1.3b A comparison of Australian levels of PCBs with other countries

A comparison of the Australian levels of PCB #169 and PCB #126 with those from other countries is depicted in Figure 3-6. Data can be found in tabular form in Appendix IV or in the original blood serum monitoring report (Harden et al, 2004).

It was difficult to make comparisons between the current Australian data and international data for the levels of PCBs, due to the inclusion of varying PCB congeners chosen for analysis in international studies. Furthermore, many authors have not provided TEQ values or the raw data to make these calculations.

3.1.1.3(b)(i) North American studies

Kang et al (1997) investigated PCB levels in the serum of male community residents from the USA. The study group also included low exposure-potential workers and high exposure-potential workers from a pulp and paper mill. The mean serum concentrations of PCB #126 and #169 were 18 pg/g and 27 pg/g lipid, which was similar to previous results from pooled samples of the general population and in fishermen from Quebec (Kang et al, 1997). The TEQ for PCB #126 and PCB #169 was 1.8 pg WHO-TEQ/g

lipid and 0.27 pg WHO-TEQ/g lipid, respectively. This is similar to the levels in the current study for males in the Australian population where PCB #126 was 1.58 pg WHO-TEQ/g lipid and PCB #169 was 0.15 pg WHO-TEQ/g lipid. Age, body mass index, and consumption of locally caught fish were deemed to be significant predictors for non-ortho PCB levels in human serum.

Greizerstein et al (1999) determined the levels of PCB congeners in the serum of seven lactating women in New York State, USA. The mean age of the donors was 31 years old. The sum of the congeners present above the limit of detection was used to estimate the total PCB concentration which was in the range 2.6 to 5.8 ng/g of serum. The congener contributing the greatest to the total PCBs in serum was PCB #118, with a serum concentration of 28.5 ng/g. In Australian females aged 31-45 years, the average concentration of PCB #118 was 3.6 ng/g. The authors did not report the TEQ.

In a study by Schecter et al (1998) the pre-delivery and post delivery whole blood of five women living in upstate New York was analysed in the time interval between 1995 and 1996. The mean non-*ortho* PCB concentration was 35.4 pg/g lipid for pre-delivery blood and 27.6 pg/g lipid for post delivery blood. Mean TEQ (non-*ortho* PCBs only) levels were 2.26 pg/g for pre-delivery blood and 1.70 pg/g for postpartum blood. The authors did not state which TEF were used. The concentration for PCB #126 was 21.7 pg/g lipid for pre-delivery blood and 16.3 pg/g lipid for post delivery blood. For PCB #169 the concentration was 9 pg/g lipid for pre-delivery blood and 6.7 pg/g lipid for post delivery blood. The post-delivery blood values were similar to those for Australian women aged between 16-45 years, with PCB #126 and #169 WHO-TEQ values of 7.0 and 16.1 pg/g lipid.

Shadel et al (2001) determined the levels of four PCB congeners (# 77, #81, #126 and #169) in a group of 150 men and women in Missouri, USA. Subjects had no documented exposure to PCBs. The concentration of PCB #126 was 10.8 pg/g lipid and for PCB #169 was 15.7 pg/g lipid. The TEQs for PCB #126 and PCB #169 were 1.08 pg and 0.16 pg WHO-TEQ/g lipid, respectively. The corresponding WHO-TEQ values for the Australian population were 1.8 pg WHO-TEQ/g lipid and 0.13 pg WHO-TEQ/g lipid. (PCB #126 WHO TEQ calculated from current study using the non-detect value and the maximum value where applicable.)

3.1.1.3(b)(ii) European studies

In a Finnish study by Kontsas et al (1998), levels of PCBs in exposed and non-exposed workers from 3 sawmills were analysed. In this study all participants were males, aged 31-52 years. The total sample size for the unexposed group was 18 and the mean plasma level for PCB #126 was 69.4 pg/g lipid. The mean plasma value for PCB #169 at 3 different sawmills was 82.8 pg/g lipid. The mean I-TEQs for PCBs for non-exposed workers was 11.1 pg/g lipid and ranged from 8.3 to 14 pg/g lipid for 3 sawmills. The mean WHO-TEQs for PCB #126 and PCB #169 for the Australian study were 1.42 and 0.16 pg/g lipid, respectively for males aged 31-60 years.

A study in Madrid, Spain, by Jimenez et al (1996) evaluated the background serum levels of non-*ortho* PCBs in 11 unexposed people during 1993. The age of the donors

ranged between 19-55 years and the mean level found for non-*ortho* PCBs was 85.47 pg/g lipid. Calculated I-TEQ values were 7.03 pg I-TEQ/g lipid for non-*ortho* PCBs (PCB #126 plus PCB #169). In comparison, the mean WHO-TEQ for non-*ortho* PCBs (PCB #126 plus PCB #169) for the Australian population was 1.98 pg/g lipid.

Covaci et al (2001) analysed concentrations of PCBs in 47 pooled human serum samples from 200 women between 50-65 years living in two areas of Flanders, Belgium in 1999. The women sampled were not at risk from occupational exposure to PCBs or dioxins and resided in either a rural or a suburban area of Antwerp. The mean WHO-TEQ value for PCBs was 25.8 pg/g fat and ranged from 20.3-32.4 pg/g. The mean total PCB WHO-TEQ (sum of 12 congeners) for Australian women aged > 46 years (averaged across 46-60 and >60 years age groups; see Table 3-2) was 6.4 pg WHO-TEQ/g lipid, which is substantially less than the level in Belgian women.

Johansen et al (1996) determined the concentrations of 19 PCB congeners in whole blood samples from 24 consumers of crabs and 10 referents in a contaminated fjord area in Norway. The subjects included in this study were all males aged between 40-54 years. The TEQ for PCBs was approximately 45 pg WHO-TEQ/g fat compared to 3.7 pg WHO-TEQ/g lipid for Australian males aged 31-60 years.

In Germany, Päpke et al (1996) analysed 104 blood samples in 1994 for PCB #77, #126 and #169 where the mean age of the participants was 38.5 years. The mean blood concentrations for the 3 congeners were 16.1 pg/g, 80.3 pg/g and 101.8 pg/g lipid, respectively. The authors did not provide TEQ values and also reported that the levels of PCB #77 may be affected by an outside contamination. For Australians aged between 31 to 45 years, the mean serum concentrations of PCB #126, PCB#169 and PCB #77 were 14.0, 10.5 and 25.9 pg/g lipid, respectively.

In another German study, Wuthe et al (1996) measured the blood fat concentrations of PCBs in pooled samples from children and individual samples from adults. The sample of children consisted of 142 boys and 144 girls aged <12 years. For the 15 adults, the mean blood values of PCB #126 and PCB #169 were 67.3 and 116.2 ng/g lipid, respectively. The children were from 3 different areas in Southern Germany, an urban industrial area, an industrial area within a rural setting, and a rural area. The mean sum value of PCB #126 for the 3 regions were, 44.8 ng/g, 45.2 ng/g and 41.9 ng/g lipid, respectively. For PCB #169, the levels were 29.4 ng/g, 30.3 ng/g and 34.0 ng/g lipid. The authors did not calculate TEQ values. In comparison, Australians aged <16 years exhibited PCB #126 and #169 serum levels of 13.1 and 5.3 pg/g lipid, respectively, while Australians aged 19-60 years had PCB #126 and #169 serum levels of 14.9 and 11.2 pg/g lipid, respectively.

3.1.1.3(b)(iii) Asian studies

In a study of 50 “normal” Japanese women aged ca. 20 years and without children, Iida et al (1999) reported a mean WHO-TEQ for coplanar PCBs was 4.9 pg/g lipid for samples collected between 1993-1994. In this current study, Australian females aged 16-30 years had a mean total PCB TEQ of 2.4 pg WHO-TEQ/g lipid. In the Japanese study, levels of PCB126 and PCB169 were 46 and 23 pg/g lipid respectively a mean

non-*ortho*-PCB concentration (ie. PCB 77, PCB81, PCB126 and PCB169) of 15 pg/g lipid in the Australian study.

A study of 253 Japanese subjects (112 women and 131 men), conducted by the Environment Agency of Japan in fiscal year 1998 (Ueda, 1999), reported a mean WHO-TEQ for coplanar PCBs of 7.3 pg TEQ/g fat with a range of 0.33-32 pg/g fat. There were no significant differences in PCB levels detected between 234 subjects who resided in "normal environmental regions" and 19 who resided in the vicinity of waste incineration facilities. In the Australian study, individuals aged between 16-60 years had a coplanar PCB serum concentration of approximately 26.5 pg/g lipid and a mean WHO-TEQ of 1.7 pg/g lipid (averaged across 16-30, 31-45 and 45-60 year age groups; see Table 3-2).

3.1.1.3(b)(iv) New Zealand studies

Buckland et al (2001) analysed 1,834 samples for levels of PCBs. Samples were obtained from people of both sexes, aged >15 years, Maori and non-Maori. The samples were pooled according to age, ethnicity, sex and geographic location to give 60 pools. The weighted mean levels of PCB #126 and PCB #169 were 30 and 20 pg/g lipid respectively. The total PCB TEQ (including ½ LODs) was 6.86 pg WHO-TEQ/g lipid.

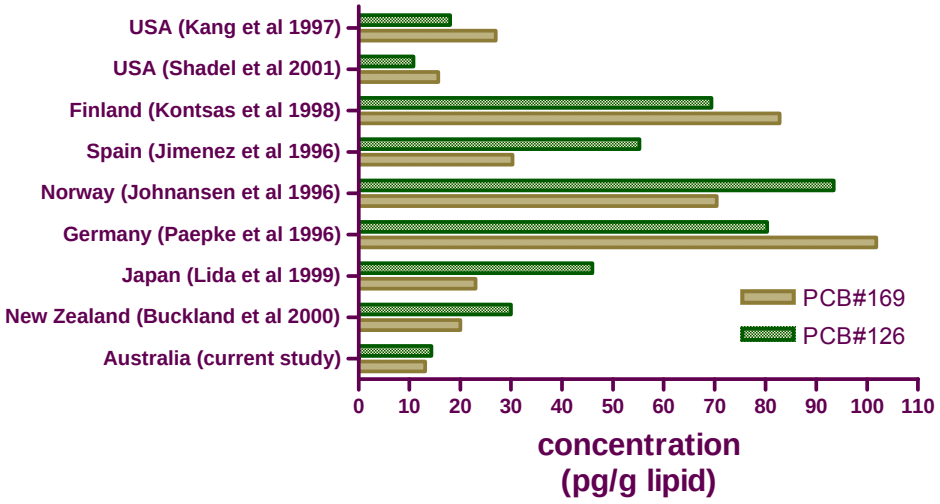

Figure 3-6 International comparison of blood serum levels of PCB #169 and #126 in non-occupationally exposed populations (pg/g lipid).

Data are reported on a lipid weight basis.

3.1.1.4 Derivations of body burden of PCDD/Fs and PCBs

For appraising the health risks of PCDD/Fs and PCBs to Australians, it is useful to also consider the concentrations of PCDD/Fs and PCB normalised for body weight and percent body fat (body burden). Estimation of the total body burden takes advantage of the fact that highly lipophilic, bioaccumulative compounds are relatively evenly

distributed in all lipid in the body. Measuring the dioxin concentrations in the lipid content of blood provides an estimation of dioxin concentration in all fat stores in the body. Data on the percentage of total body weight which is fat can then be used to estimate total body burdens.

3.1.1.4a Body Mass Index and Percent Body Fat

For the derivation of body burdens, an average percent total body fat for each region and age group was required. Ideally percent total body fat is measured using a variety of methods such as skin fold measurements or bioimpedance readings. Unfortunately for the Australian population, empirical percent total body fat data corresponding to the stratification criteria used in the dioxin serum level study was not available. Consequently percent total body fat for the Australian population was derived from the body mass index (BMI[25]) data, as this data was available for the different age and regions employed in this study. The Australian Bureau of Statistics provided mean BMI data collected using two different surveys. The 2001 National Health Survey (NHS, 2001) provided BMI data for individuals aged >16 years and the National Nutrition Survey conducted in 1995 (NNS, 1995) provided BMI data for individuals <16 years. The geographical stratification between the 2 different surveys was similar, but not identical (Table 3-3, Appendix V). However given the small differences in the mean BMI data between regions (Table 3-3), the differences in geographical stratification between the two national surveys were inconsequential.

Table 3-3 Body Mass Index data, by gender, age group and region.

Region[$]		**Northeast Urban**	**Southeast Urban**	**South Urban**	**West Urban**	**Rural**	**Average ± SD**
NNS (1995)		Metro QLD	Metro NSW/ACT	Metro VIC/TAS/VIC	Metro WA	Rural and NT	
NHS (2001)		Major urban QLD	Major urban NSW/ACT	Major urban VIC/TAS/SA	Major urban WA	Rural balance all states and territories	
Sex	**Age (years)**						
Male	<16#	20.10	20.50	20.50	20.50	20.80	20.48 ± 0.23
	16-30*	24.28	24.47	24.40	24.35	24.67	24.43 ± 0.15
	31-45*	26.95	26.43	26.16	26.38	26.96	26.58 ± 0.36
	46-60*	27.48	27.0	26.93	26.98	27.20	27.12 ± 0.27
	>60*	26.77	26.52	26.10	25.89	26.24	26.30 ± 0.25
Female	<16#	20.50	20.50	21.80	21.10	21.00	20.98 ± 0.54
	16-30*	23.48	23.10	22.52	22.83	23.66	23.12 ± 0.47
	31-45*	24.64	24.89	25.03	24.11	25.24	24.78 ± 0.43
	46-60*	26.32	25.95	26.72	25.47	27.05	26.30 ± 0.62
	>60*	25.72	26.01	25.60	26.42	25.73	25.90 ± 0.33

NNS (1995), * NHS (2001)

[$]Regions correspond to the geographical stratification used in the Australian study.

3.1.1.4(b) Model derivation and verification

[25] Body Mass Index (BMI, kg/m^2) is defined as the percent body weight per body area and is calculated by dividing body weight (kg) by the square of body height (m^2).

The derivation of percent body fat content from BMI data was performed using a modified literature model initially designed for white Americans (Equation 1) (Gallagher et al, 2000). The modified model was developed and verified using a limited data set containing percent body fat and BMI for the Australian population provided by the International Diabetes Institute (IDI) (Jonathan Shaw, Personal communication, 2004). This limited data set measured percent body fat by bioimpedance and calculated the BMI by standard methods. The data were stratified by age (25-34, 35-44, 45-54, 55-64 and 65-74 years) and sex, but not by regions. The equations used to derive percent body fat (%BF) from the BMI data for Australian males (Equation 2) and females (Equation 3) were as follows:

Equation 1: White Americans (Gallagher et al, 2000)

$$\%BF = 64.5 - 848 \times (1/BMI) + 0.079 \times AGE - 16.4 \times SEX + 0.05 \times AGE \times SEX + 39.0 \times SEX \times (1/BMI)$$

Where SEX = 1 for males and 0 for females

Equation 2: Australian Male [Sex = 1]

$$\%BF = 74.5 - 848 \times (1/BMI) + 0.079 \times Age + 0.05 \times Age + 39.0 \times (1/BMI) - 0.131 \times Age$$

Equation 3: Australian Female [Sex = 0]

$$\%BF = 64.5 - 848 \times (1/BMI) + 0.079 \times Age + 0.048 \times Age$$

Without modification and using the IDI data, equation 1 gave %BF values that were up to 5% lower than the actual %BF measured by bioimpedance. (Average standard error of estimate [SEE] values were 1.79% for males and 2.79% for females.) The limited data set illustrated that the %BF of Australians increased with increasing age to a greater extent than that predicted by the model of Gallagher et al (2000), hence the model was modified to accommodate the greater dependence of %BF on age. The derived %BF values using the modified algorithms and BMI data provided by the IDI are shown in Table 3-4. The derived %BF values had R^2 and average SEE values of 0.53 and 0.33% [males], and 0.51 and 1.39% [females].

Table 3-4 Verification of algorithm to derive %BF from BMI data for a limited data set

Age (years)	Male				Female			
	BMI[#]	%BF[#]	Calc. %BF[$]	SEE* (%)	BMI[#]	%BF[#]	Calc. %BF[$]	SEE* (%)
25-34	26.24	23.41	23.58	-0.17	24.58	36.54	39.37	-2.83
35-44	26.79	24.28	24.19	0.09	25.92	38.44	38.34	0.10
45-54	27.27	24.73	24.69	0.04	27.18	41.12	40.17	0.95
55-64	27.68	25.43	25.11	0.33	28.18	43.04	41.42	1.62
65-74	27.32	24.04	25.08	-1.04	27.89	41.20	42.65	-1.45
R^2 value				0.53				0.51
SEE (%)*				0.33				1.39

*SEE = Standard error of the estimate

[#] IDI data (%BF calculated from bioimpedance measurements, BMI calculated by standard methods).

$ Derived %BF using equations 2 or 3.

These algorithms were then used to derive %BF values from the BMI data supplied by ABS for the 5 regions and 5 age groups. These derived %BF values are reported in Tables 3-6 – 3-10 in the following section, and in appendices VII and VIII.

3.1.1.4(c) Dioxin body burdens using derived %BF values

The maximum and mean body burden of total dioxins expressed as ng WHO-TEQ/kg bw for both genders and the 5 age groups averaged across the 5 regions are listed in Table 3-5.

Table 3-5 Serum concentrations and body burden of total dioxin (PCDD/Fs plus PCBs) WHO-TEQ in Australians by gender, and age group, averaged across all regions.

Sex	Age (years)	Serum concentration (ng WHO-TEQ/kg lipid)#*		Body burden (ng WHO-TEQ/kg bw)	
		Maximum	Mean	Maximum	Mean
Male	<16	8.60	6.32	0.61	0.53
	16-30	7.50	5.69	1.41	1.21
	31-45	10.50	8.02	2.18	1.92
	46-60	14.80	12.44	3.30	3.05
	>60	21.60	18.51	4.68	4.35
Female	<16	8.30	6.05	2.14	1.72
	16-30	8.10	6.06	2.30	1.86
	31-45	13.50	8.88	4.30	3.11
	46-60	15.60	12.09	5.79	4.71
	>60	28.00	21.39	11.34	9.61

TEQs calculated using the 1997 WHO TEFs. Data reported includes LODs for non-detected congeners (i.e. upper bound TEQ).

* Maximas and means were calculated using data from individual pools.

Body burdens for PCDD/Fs, PCBs and total dioxins (PCDD/Fs plus PCBs), for males and females for each age group and region are presented in Tables 3-6 – 3-10 in the following section.

3.1.1.6(c)(i) Effects of gender on the body burden of PCDD/Fs and PCBs

The body burden data (Table 3-5) show a strong gender difference, with, on average a 54% (range 34-110%) higher body burden in females compared to males for the same age group (Figure 3-7). Generally, serum concentrations were similar for males and females within the same age group, except for the older age group, where women appeared to have higher concentrations. However, when normalised for body weight, women exhibited higher total dioxin body burdens across all age groups (Figure 3-7). This appears to be primarily influenced by the higher body fat content in women compared to that of men. As shown in Tables 3-6 – 3-10, body fat was on average 40% higher in women compared to men for the same age group.

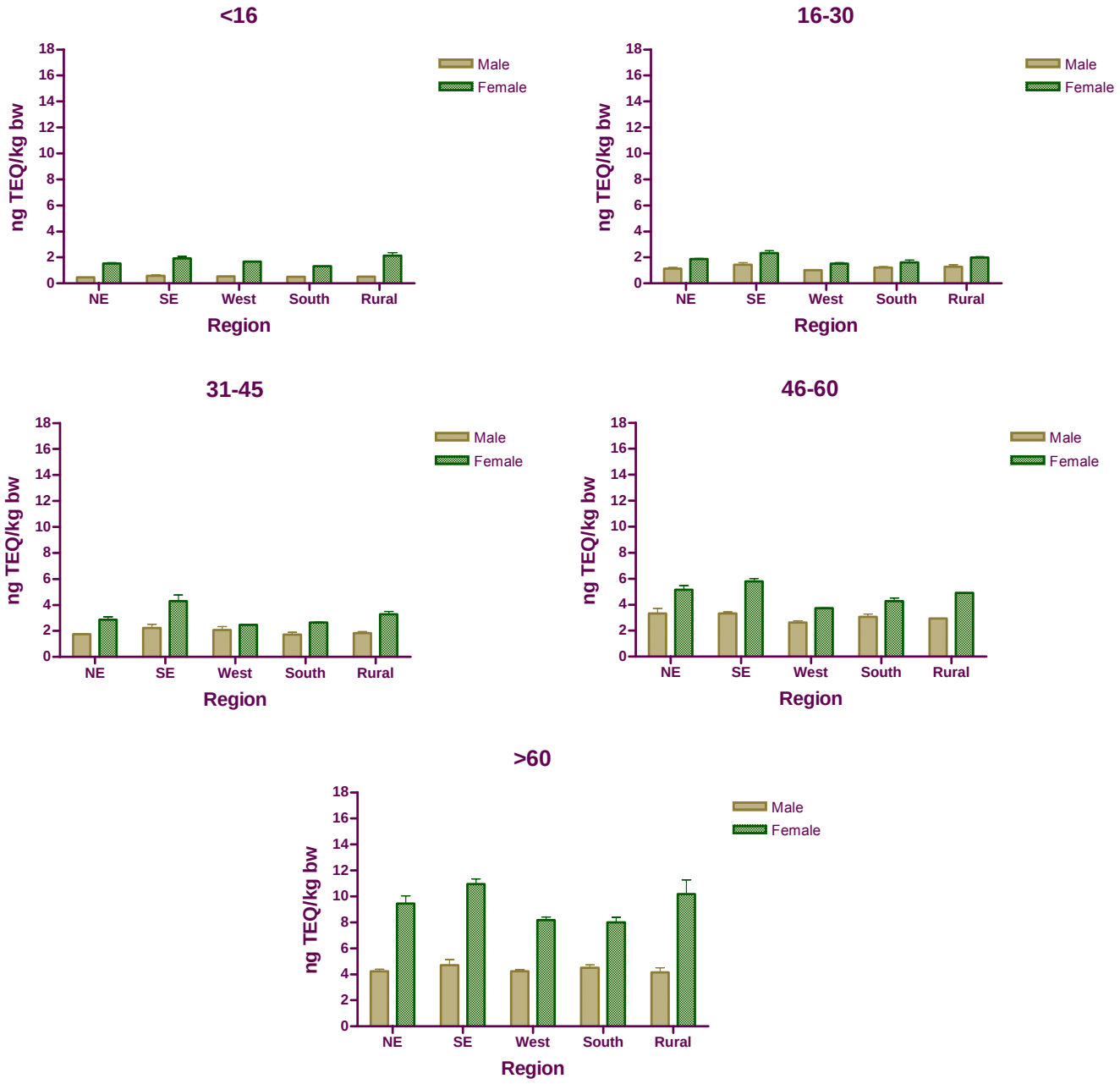

Figure 3-7 Mean body burden of total dioxins (WHO-TEQ/kg bw) in a representative group of the Australian population, by sex, age group and region.

Data shown represent mean body burdens for males and females from the all regions over the five age groups. Regions are Southeast urban (SE), Northeast urban (NE), South urban, West urban and rural.

3.1.1.4(c)(ii) Effects of age on the body burden of PCDD/Fs and PCBs

The trend of increasing total WHO-TEQ (PCDD/Fs plus PCBs) serum concentrations with age across all regions was also noted for total dioxin body burden (Figure 3-8). In males and females, there was a 6 to 8-fold increase in the total dioxin body burden of individuals aged >60 years when compared with the younger strata. Females >60 years had the highest mean dioxin body burden of 9.80 ng WHO-TEQ/kg bw compared to men of similar age (4.35 ng WHO-TEQ/kg bw) (Figure 3-8). Note that this difference in body burden (ie. amount per kg body weight) is a reflection of the significantly increased amount of body fat per unit bodyweight in females than in males (see %BF values in Tables 3-6 to 3-10); mean levels per unit lipid were similar for males and females.

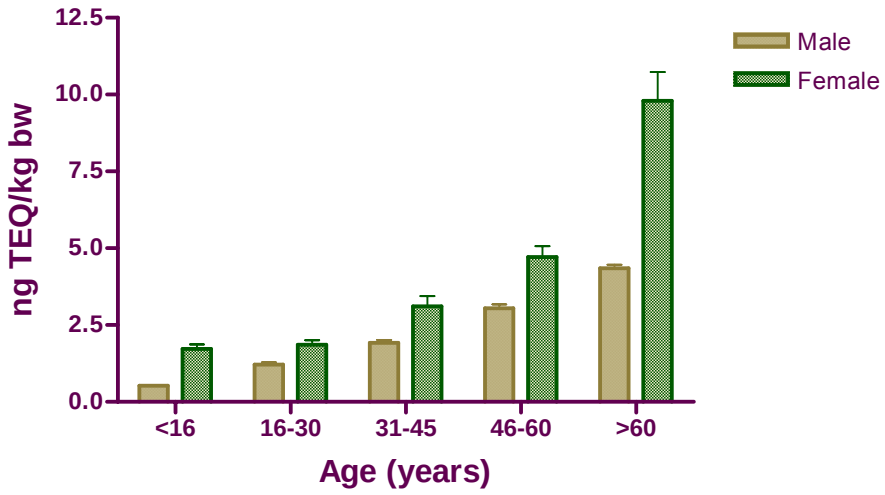

Figure 3-8 Mean body burden of total dioxins (WHO-TEQ/kg bw) in a representative group of the Australian population by sex and age group.

Data shown represent body burdens for males and females from the 5 age groups averaged across 5 regions.

3.1.1.4(c)(iii) Effects of region on the body burden of PCDD/Fs and PCBs

The individual body burden profiles of the Australian population for the 5 regions are shown in Appendix VI. Small geographical variations were observed, with total dioxin (PCDD/Fs plus PCBs) body burden tending to be marginally higher in the Southeast region (Sydney, Canberra, Wollongong, Newcastle and other major population centres in NSW) compared to other regions. This finding is unlikely to reflect an actual difference in exposure of the population in this region. With the exception of rural females, aged >60 years, there were no differences in body burden values between the urban or rural regions for either sex. For older women (>60 years; 10.2 ng WHO-TEQ/kg bw) residing in the rural region, body burden values were approximately 10% higher than similar aged urban females (9.1 ng WHO-TEQ/kg bw).

3.1.1.5 Derivation of the average lifetime daily exposure (ALDE)

Assuming steady-state conditions, the following expression can be used to estimate an approximate human daily intake to achieve the calculated body burden.

Intake (ng/kg bw/day) = body burden (ng/kg bw) x (0.693/half-life)/f

Where f is the fraction of the intake dose that is absorbed. Half-life is the average half-life of dioxins in the human body, assumed to be 7.5 years.

Dioxin compounds are absorbed through the gastrointestinal tract, skin and lungs. The degree of absorption varies with each congener, the route of absorption and the vehicle in which the dioxin is ingested. For the general population, oral intake of trace levels of these contaminants in foods accounts for 90% or more of the total intake. Findings in experimental animals indicate that oral exposure to TCDD in the diet or in an oil vehicle results in absorption of >50%, and often closer to 90% of the administered dose. More soluble congeners are almost completely absorbed, whilst extremely insoluble congeners, such as octachlorodibenzo-p-dioxin (OCDD) are poorly absorbed. Limited data from a single human volunteer suggest a high level (>85%) of absorption of TCDD in corn oil from the gastrointestinal tract. Thus, in the following calculations, the fraction of the dose that is absorbed was assumed to be 90% or f = 0.9. This value is in agreement with that used to model the ALDE for the New Zealand population, but is higher than the 50% value used by the WHO.

The WHO, in its 1998 re-evaluation of the tolerable daily intake, used a half-life of 7.5 years to estimate human intakes from animal body burden data (Van Leeuwen et al, 2000; Van Leeuwen & Younes, 2000). In the current risk appraisal, the half-life value used by WHO of 7.5 years has been used to calculate average lifetime daily intakes of dioxin compounds from body burden estimates[26].

The estimates of the equivalent daily intake of dioxin compounds for Australians by region, age and sex are reported in Tables 3-6 to 3-10.

It should be noted that the ALDE estimates in Tables 3-6 to 3-10 are calculated according to a simple steady-state model. As stated above, the calculations assume a half-life of 7.5 years for all dioxin-like compounds, assume that this half-life is constant over a person's lifetime, and assume a constant fraction absorbed. None of these assumptions are likely to be correct. For example, the average half-life probably increases with age (see 3.2.3 and discussion at 3.7.2). There is no perfect way to present these calculations, given all the uncertainties and the desire to use a simple rather than a very complex model. Therefore, these calculated figures are approximate estimates of dioxin intake at different ages and it should be borne in mind that significantly different values could be calculated using somewhat different assumptions for the half-life or the fraction absorbed for the different age groups.

[26] A recent analysis indicated mean half-lives of 6.9 years for the slower elimination period (measured from 3 to 16.35 years after exposure) in Seveso adults and 6.9 years for the slower elimination period for Ranch Hand veterans (9 to 33 years after exposure) (Michalek et al, 2002); both groups had an initial more rapid elimination phase, consistent with a two-compartment open model.

The ALDE estimates for total dioxins (PCDD/Fs plus PCBs) are similar to those reported for New Zealand (Buckland et al, 2001), with a minimum value of 0.13 pg WHO-TEQ/kg bw/d for males <16 years in the northeast urban region of Australia to a maximum of 2.96 pg WHO-TEQ/kg bw/d for women >60 years in the southeast urban region. The mean ALDE for all data was estimated as 1.32 pg WHO-TEQ/kg bw/d. (The mean ALDE estimated from New Zealand data for ages 15-65+ was 1.4 pg WHO-TEQ/kg/bw/d).

Table 3-6 Serum concentration, body burden and ALDE for PCDD/Fs, PCBs and total dioxins (PCDD/Fs plus PCBs) for Australians by gender and age for the Northeast urban region.

Sex	Dioxin	Age (years)	Mean [serum][1] (ng WHO-TEQ/kg lipid wt)	%BF[2]	Body burden (ng WHO-TEQ/kg bw)	ALDE[3] (pg TEQ/kg bw/d)
Male	PCDD/F	<16	3.95	8.24	0.33	0.09
	PCBs		1.70		0.14	0.04
	Total		5.65		0.47	0.13
	PCDD/F	16-30	3.55	21.1	0.75	0.21
	PCBs		1.80		0.38	0.11
	Total		5.35		1.13	0.32
	PCDD/F	31-45	4.70	24.37	1.15	0.32
	PCBs		2.50		0.61	0.17
	Total		7.20		1.75	0.49
	PCDD/F	46-60	8.20	24.91	2.04	0.57
	PCBs		5.05		1.26	0.35
	Total		13.25		3.30	0.93
	PCDD/F	>60	10.25	24.09	2.47	0.69
	PCBs		7.15		1.72	0.48
	Total		17.50		4.22	1.19
Female	PCDD/F	<16	3.40	28.44	0.97	0.27
	PCBs		2.00		0.57	0.16
	Total		5.40		1.54	0.43
	PCDD/F	16-30	4.00	31.31	1.25	0.35
	PCBs		1.95		0.61	0.17
	Total		5.95		1.86	0.52
	PCDD/F	31-45	5.85	34.19	2.00	0.56
	PCBs		2.50		0.85	0.24
	Total		8.35		2.85	0.80
	PCDD/F	46-60	8.60	39.01	3.35	0.94
	PCBs		3.90		1.52	0.43
	Total		12.50		4.88	1.37
	PCDD/F	>60	14.00	40.17	5.62	1.58
	PCBs		9.55		3.84	1.08
	Total		23.50		9.44	2.66

1. TEQs calculated using the 1998 WHO TEFs. Data reported includes LODs for non-detected congeners (i.e. upper bound)
2. Percent body fat was derived from BMI data obtained from the National Health Survey (NHS, 2001) (>16 years) and the National Nutrition Survey (NNS, 1995) (<16 years) by the ABS, using a modified literature algorithm.
3. Averaged lifetime daily exposure (ALDE) was calculated from:

Intake (ng/kg bw/d) = Body burden (ng/kg bw) x 0.693/half-life/f

where the half-life is taken as 7.5 years and f, the fraction of dose that is absorbed, is assumed to be 0.9.

Table 3-7 Serum concentration, body burden and ALDE for PCDD/Fs, PCBs and total dioxins (PCDD/Fs plus PCBs) for Australians by gender and age for the Southeast urban region.

Sex	Dioxin	Age (years)	Mean [serum][1] (ng WHO-TEQ/kg lipid wt)	%BF[2]	Body burden (ng WHO-TEQ/kg bw)	ALDE[3] (pg TEQ/kg bw/d)
Male	PCDD/F	<16	4.40	8.42	0.37	0.09
	PCBs		2.50		0.21	0.08
	Total		6.90		0.58	0.17
	PCDD/F	16-30	4.10	21.36	0.88	0.25
	PCBs		2.60		0.56	0.16
	Total		6.70		1.43	0.40
	PCDD/F	31-45	5.40	23.78	1.28	0.36
	PCBs		3.95		0.94	0.26
	Total		9.35		2.22	0.63
	PCDD/F	46-60	7.60	24.39	1.85	0.52
	PCBs		5.95		1.45	0.41
	Total		13.55		3.30	0.93
	PCDD/F	>60	10.95	23.81	2.61	0.73
	PCBs		8.80		2.10	0.59
	Total		19.75		4.70	1.32
Female	PCDD/F	<16	3.05	28.44	0.87	0.24
	PCBs		3.75		1.07	0.30
	Total		6.80		1.93	0.54
	PCDD/F	16-30	3.45	30.71	1.06	0.30
	PCBs		4.15		1.27	0.36
	Total		7.60		2.33	0.66
	PCDD/F	31-45	5.80	35.26	2.05	0.58
	PCBs		6.40		2.26	0.63
	Total		12.20		4.30	1.21
	PCDD/F	46-60	7.95	38.55	3.06	0.86
	PCBs		7.10		2.74	0.77
	Total		15.05		5.80	1.63
	PCDD/F	>60	16.00	40.53	6.48	1.82
	PCBs		10.50		4.26	1.20
	Total		26.00		10.54	2.96

1. TEQs calculated using the 1998 WHO TEFs. Data reported includes LODs for non-detected congeners (i.e. upper bound)
2. Percent body fat was derived from BMI data obtained from the National Health Survey (NHS, 2001) (>16 years) and the National Nutrition Survey in 1995 (<16 years) by the ABS (NNS, 1995), using a modified literature algorithm.
3. Averaged lifetime daily exposure (ALDE) was calculated from:

Intake (ng/kg bw/d) = Body burden (ng/kg bw) x 0.693/half-life/f

where the half-life is taken as 7.5 years and f, the fraction of dose that is absorbed, is assumed to be 0.9.

Table 3-8 Serum concentration, body burden and ALDE for PCDD/Fs, PCBs and total dioxins (PCDD/Fs plus PCBs) for Australians by gender and age for the South urban region.

Sex	Dioxin	Age (years)	Mean [serum][1] (ng WHO-TEQ/kg lipid wt)	%BF[2]	Body burden (ng WHO-TEQ/kg bw)	ALDE[3] (pg TEQ/kg bw/d)
Male	PCDD/F	<16	4.60	8.30	0.38	0.11
	PCBs		1.50		0.12	0.04
	Total		6.10		0.51	0.14
	PCDD/F	16-30	3.80	21.27	0.81	0.23
	PCBs		1.90		0.40	0.11
	Total		5.70		1.21	0.34
	PCDD/F	31-45	5.20	23.46	1.22	0.34
	PCBs		2.05		0.48	0.14
	Total		7.25		1.70	0.48
	PCDD/F	46-60	8.75	24.31	2.13	0.60
	PCBs		3.90		0.95	0.27
	Total		12.65		3.08	0.86
	PCDD/F	>60	13.00	23.32	3.03	0.85
	PCBs		6.30		1.47	0.41
	Total		19.30		4.50	1.27
Female	PCDD/F	<16	3.10	28.37	0.88	0.25
	PCBs		1.40		0.40	0.11
	Total		4.60		1.31	0.37
	PCDD/F	16-30	3.80	29.77	1.13	0.32
	PCBs		1.60		0.48	0.13
	Total		5.40		1.61	0.45
	PCDD/F	31-45	5.60	35.51	1.99	0.56
	PCBs		1.85		0.66	0.18
	Total		7.45		2.65	0.74
	PCDD/F	46-60	7.60	39.49	3.00	0.84
	PCBs		3.20		1.26	0.36
	Total		10.80		4.26	1.20
	PCDD/F	>60	14.00	40.01	5.60	1.58
	PCBs		6.10		2.44	0.69
	Total		20.00		8.00	2.25

1. TEQs calculated using the 1998 WHO TEFs. Data reported includes LODs for non-detected congeners (i.e. upper bound)
2. Percent body fat was derived from BMI data obtained from National Health Survey (2001) (>16 years) and the National Nutrition Survey in 1995 (<16 years) by the ABS, using a modified literature algorithm.
3. Averaged lifetime daily exposure (ALDE) was calculated from:

Intake (ng/kg bw/d) = Body burden (ng/kg bw) x 0.693/half-life/f

where the half-life is taken as 7.5 years and f, the fraction of dose that is absorbed, is assumed to be 0.9.

Table 3-9 Serum concentration, body burden and ALDE for PCDD/Fs, PCBs and total dioxins (PCDD/Fs plus PCBs) for Australians by gender and age for the West urban region.

Sex	Dioxin	Age (years)	Mean [serum][1] (ng WHO-TEQ/kg lipid wt)	%BF[2]	Body burden (ng WHO-TEQ/kg bw)	ALDE[3] (pg TEQ/kg bw/d)
Male	PCDD/F	<16	4.50	8.30	0.37	0.11
	PCBs		1.90		0.16	0.04
	Total		6.40		0.53	0.15
	PCDD/F	16-30	3.10	21.20	0.66	0.18
	PCBs		1.65		0.35	0.10
	Total		4.75		1.01	0.28
	PCDD/F	31-45	6.20	23.72	1.47	0.41
	PCBs		2.55		0.60	0.17
	Total		8.75		2.08	0.58
	PCDD/F	46-60	6.80	24.36	1.66	0.47
	PCBs		4.05		0.99	0.28
	Total		10.85		2.64	0.74
	PCDD/F	>60	11.50	23.06	2.65	0.75
	PCBs		6.85		1.58	0.44
	Total		18.35		4.23	1.19
Female	PCDD/F	<16	4.30	28.41	1.22	0.34
	PCBs		1.60		0.45	0.13
	Total		5.90		1.68	0.47
	PCDD/F	16-30	3.65	30.28	1.11	0.31
	PCBs		1.40		0.42	0.12
	Total		5.05		1.53	0.43
	PCDD/F	31-45	5.00	34.15	1.71	0.48
	PCBs		2.20		0.75	0.21
	Total		7.20		2.46	0.69
	PCDD/F	46-60	6.70	37.94	2.54	0.72
	PCBs		3.10		1.18	0.33
	Total		9.80		3.72	1.05
	PCDD/F	>60	13.50	41.04	5.54	1.56
	PCBs		6.45		2.65	0.74
	Total		19.95		8.19	2.30

1. TEQs calculated using the 1998 WHO TEFs. Data reported includes LODs for non-detected congeners (i.e. upper bound)
2. Percent body fat was derived from BMI data obtained from National Health Survey (2001) (>16 years) and the National Nutrition Survey in 1995 (<16 years) by the ABS, using a modified literature algorithm.
3. Averaged lifetime daily exposure (ALDE) was calculated from:

Intake (ng/kg bw/d) = Body burden (ng/kg bw) x 0.693/half-life/f

where the half-life is taken as 7.5 years and f, the fraction of dose that is absorbed, is assumed to be 0.9.

Table 3-10 Serum concentration, body burden and ALDE for PCDD/Fs, PCBs and total dioxins (PCDD/Fs plus PCBs) for Australians by gender and age for the rural region.

Sex	Dioxin	Age (years)	Mean [serum][1] (ng WHO-TEQ/kg lipid wt)	%BF[2]	Body burden (ng WHO-TEQ/kg bw)	ALDE[3] (pg TEQ/kg bw/d)
Male	PCDD/F	<15	4.20	8.34	0.35	0.10
	PCBs		2.05		0.17	0.05
	Total		6.25		0.52	0.15
	PCDD/F	16-30	3.90	21.63	0.84	0.24
	PCBs		2.05		0.44	0.12
	Total		5.95		1.29	0.36
	PCDD/F	31-45	5.20	24.38	1.27	0.36
	PCBs		2.35		0.57	0.16
	Total		7.55		1.84	0.52
	PCDD/F	46-60	7.45	24.61	1.83	0.52
	PCBs		4.45		1.10	0.31
	Total		11.90		2.93	0.82
	PCDD/F	>60	10.35	23.48	2.43	0.68
	PCBs		7.30		1.71	0.48
	Total		17.65		4.14	1.17
Female	PCDD/F	<15	3.85	28.41	1.09	0.31
	PCBs		3.70		1.05	0.30
	Total		7.55		2.14	0.60
	PCDD/F	16-30	3.50	31.58	1.11	0.31
	PCBs		2.80		0.88	0.25
	Total		6.30		1.99	0.56
	PCDD/F	31-45	6.10	35.73	2.18	0.61
	PCBs		3.10		1.11	0.31
	Total		9.20		3.29	0.92
	PCDD/F	46-60	7.95	39.88	3.17	0.89
	PCBs		4.35		1.73	0.49
	Total		12.30		4.91	1.38
	PCDD/F	>60	15.50	40.18	6.23	1.75
	PCBs		9.85		3.96	1.11
	Total		25.35		10.19	2.86

1. TEQs calculated using the 1998 WHO TEFs. Data reported includes LODs for non-detected congeners (i.e. upper bound)
2. Percent body fat was derived from BMI data obtained from National Health Survey (2001) (>16 years) and the National Nutrition Survey in 1995 (<16 years) by the ABS, using a modified literature algorithm.
3. Averaged lifetime daily exposure (ALDE) was calculated from:

$$Intake\ (ng/kg\ bw/d) = Body\ burden\ (ng/kg\ bw) \times 0.693/half\text{-}life/f$$

where the half-life is taken as 7.5 years and f, the fraction of dose that is absorbed, is assumed to be 0.9.

3.1.1.8 Conclusions

Whilst the serum study is an important assessment of the levels of dioxin compounds in the Australian population, it has a number of limitations. In particular, by pooling samples, it is not possible to examine the distribution of contaminant levels among individuals. Additionally, because of the use of de-identified samples there was no means by which the length of residence in a particular area could be verified. Nevertheless, the study has enabled a number of important conclusions to be made.

1. **National averages:** the National average serum concentration and body burden for dioxin compounds was 10.9 ng WHO-TEQ/kg lipid and 3.22 ng WHO-TEQ/kg bw, respectively. The mean ALDE for all data was estimated as 1.32 pg WHO-TEQ/kg bw/day.

2. **Age variations:** Serum concentrations of PCDD/Fs and PCBs were found to increase with age. Thus, the mean serum concentration of PCDD/Fs ranged from 3.54 ng WHO-TEQ/kg lipid for <16 year old females, to 14.30 ng WHO-TEQ/kg lipid for the >60 year old females. For PCBs, the mean serum concentration ranged from 2.11 ng WHO-TEQ/kg lipid for <16 year old males, to 9.99 ng WHO-TEQ/kg lipid for the >60 year old females. For total dioxin compounds (PCDD/Fs plus PCBs), the mean serum concentration ranged from 6.05 ng WHO-TEQ/kg lipid for <16 year old males, to 24.26 ng WHO-TEQ/kg lipid for the >60 year old females. As noted elsewhere, older people are likely to have experienced higher exposures due to higher environmental levels of dioxin-like compounds in the mid-20th Century; since then, environmental levels have been decreasing (see further discussion on this below).

Similarly when normalised to body weight, serum concentrations increased with age. Thus the mean body burdens for total dioxins (PCDD/Fs plus PCBs) ranged from 0.47 ng WHO-TEQ/kg bw for <16 year old males to 4.70 ng WHO-TEQ/kg bw for >60 year old males, and from 2.14 ng WHO-TEQ/kg bw for <16 year old females to 11.34 ng WHO-TEQ/kg bw for >60 year old females. The higher body burden in older people is likely to reflect higher historical environmental exposures to dioxin compounds in the 1960s and 70s, and the fact that these compounds are only slowly metabolised and excreted from the body. Additionally, given that older people have higher percent total body fat compared to the younger strata, the higher body burden also results from the continuous deposition of dioxin compounds in adipose tissue.

3. **Geographical variations:** Small geographical variations were observed, with total dioxin (PCDD/Fs plus PCBs) serum concentrations and body burdens tending to be marginally higher in the Southeast region (Sydney, Canberra, Wollongong, Newcastle and other major population centres in New South Wales) compared to other 3 urban (South, West and Northeast) and rural regions, with the exception of older rural women (>60 years). For older women (>60 years; 10.2 ng WHO-TEQ/kg bw) residing in the rural region, body burden values were approximately 10% higher than similar aged urban females (9.1 ng WHO-TEQ/kg bw). These findings are unlikely to reflect any actual differences in exposure of the population in these regions.

4. **Sex variations:** Generally no clear differences in serum concentrations were found between males and females, although women from the oldest age group (>60 years) appear to have higher concentrations then similar aged men. However when expressed as body burdens, women consistently had higher amounts of dioxin compounds per kilogram body weight than men for the same age group. This was probably largely due to the higher total body fat in females compared to males. It could reasonably be expected that breast-feeding might help reduce serum levels of dioxins; however this study which used pooling of a limited

number of pathology samples across a range of age groups would not be likely to detect such an effect.

The study also found that, on average, PCBs accounted for approximately 30-40% of the total TEQ associated with the general population exposures to dioxin compounds.

5. **International comparisons:** In the Australian population, the blood serum levels of PCDD/Fs expressed as WHO-TEQ pg/g lipid were generally lower than those observed in American, European or New Zealand studies, and similar to values reported in Asian studies.

For the majority of studies, the concentrations of PCB #169 and PCB #126 in blood sera from the Australian population was lower than that reported for subjects from America, Europe, Asia or New Zealand. Moreover, in some studies the level of PCB #126 or PCB #169 was up to 10-fold lower than that reported in some European countries (Norway, Germany or Finland).

3.1.2 Breast milk analysis

Dioxin-like compounds are lipid soluble, poorly eliminated and thus can accumulate in human fat, including the lipids of human milk. Since PCDD/F concentrations in blood and human milk are reasonably similar when concentrations are expressed on a lipid basis, human milk levels can provide a monitoring tool for exposure of a given population in a particular area (Päpke, 1998). Recently a reasonably comprehensive study on levels of PCDD/Fs and dioxin-like PCBs in human milk samples from Australian primiparous mothers has been published (Müller et al, 2003a); these results are considered below, with respect to estimating levels of exposure of the Australian population to dioxin-like compounds.

The objective of the study by Müller et al (2003a) was to investigate the levels of dioxins and dioxin-like compounds (PCDD/Fs and PCBs) in pooled human milk samples of cohorts from Australian urban, industrial and rural environments. The protocol used was identical to that used by the World Health Organization (WHO) in international studies conducted during 1987/88, 1992/93 and 2003. Once lactation was established, about 100 ml of milk was collected by each of the study participants, from which aliquots of 30 ml from each of ca. 10 mothers were pooled to give samples of about 300 ml, representing 12 regions. Besides exposure, the key factors affecting the levels of dioxin-like compounds in human breast milk are the number of children that have been breast fed by an individual (Fürst et al. 1989; Yang et al, 2002), the duration of the lactation period and maternal age (Fürst et al, 1992b). The first two factors were controlled by limiting participants to primiparous mothers breastfeeding an infant aged between 2 and 8 weeks post-partum. The mean age ($\pm$ SD) of mothers in the study was 30.7 $\pm$ 4.5 years, with the individual pools ranging from 26.8 $\pm$ 5.4 to 34.0 $\pm$ 3.4 years.

Pooled samples from Adelaide (2 separate pools), Brisbane, Darwin Hobart, Melbourne (4 pools), Perth and Sydney (2 pools) represented urban environments, Newcastle and Wollongong each provided a pooled sample representing more industrialised urban environments, while samples from the regional centres of Dalby and Bendigo/Ballarat/Lakes Entrance provided two pools representing rural regions. In total,

173 samples were collected from 12 regions between October 2001 and September 2003. Of these, 16 were excluded because they were found to have violated the inclusion/exclusion criteria. The remaining 157 samples were analysed as 17 pooled samples.

In addition to these samples a further 24 "historical" samples that were collected in 1993 were obtained from the Faculty of Life Sciences, School of Medical Sciences at RMIT University, Melbourne (courtesy of Prof. Jorma Ahokas). They were analysed as three pools of eight samples, to give a total of 20 pooled samples for analysis.

All pooled samples were assayed by the Australian Government Analytical Laboratories (AGAL), Sydney, and two duplicate samples were sent to the State Laboratory of Nordrhein-Westfalen, Münster, Germany. Both laboratories are accredited for dioxin analysis.

Dioxin-like chemicals were detected in all pooled samples. It should be noted that because of good assay sensitivity and the fact that a significant number of the congeners of the PCDD/F and PCBs were detected in the samples, the differences between lower-, middle- and upper-bound means and medians in this study were quite small. For samples collected during 2001-2003, the mean and median upper-bound levels of summed PCDD/Fs and PCBs, were 9.0 and 8.9 pg WHO-TEQ/g lipid, respectively (see Appendix IX). The average lipid concentration of all pooled samples was 3.7 $\pm$ 0.5%.

Of all analysed samples, PCDD and PCDF congeners were detected in 93% and 62%, respectively. The levels of TCDD detected in all samples were very low and ranged from <0.6 pg/g lipid in the Wollongong sample to 1.4 pg/g lipid detected in one of the two pooled Sydney samples. The average contribution of TCDD to the total WHO-TEQ for all pooled samples was 8.7%. On a concentration pg/g lipid basis, OCDD was the PCDD/F congener with the highest concentration in all pooled breast milk samples. Table 3-11 below lists the congeners making the most contribution to total WHO-TEQ in the breast milk and blood plasma (see Section 3.1.1). On average, the PCBs contributed about 30% of the total WHO-TEQ in breast milk.

Table 3-11 Main congeners contributing to total WHO-TEQ - breast milk and blood

Congener	Breast Milk (1993)	Breast Milk (2001-2003)	Blood Plasma
TCDD/Fs			
1,2,3,7,8-PeCDD	26.9%	25.5%	19.0%
2,3,4,7,8-PeCDF	12.8%	13.8%	8.1%
1,2,3,6,7,8-HxCDD	10.4%	9.6%	11%
non-ortho-PCBs			
PCB126	12.7%	18.9%	18.0%
mono-ortho-PCBs			
PCB156	5.9%	7.0%	9.2%

In breast milk collected in or close to an industrial area of Wallonia in Belgium (Focant et al, 2002) 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 2,3,4,7,8-PeCDF and PCB-126 accounted for more than 90% of the WHO-TEQ. In breast milk from two areas in Korea, 2,3,4,7,8-PeCDD was the predominant PCDD/PCDF congener, with 2,3,7,8-TCDD being less than 3% of total PCDDs/PCDFs (Yang et al, 2002).

No obvious or systematic differences were observed in the levels of dioxin-like chemicals in breast milk samples collected from different regions of Australia during 2001-2003. Thus there were no significant difference between samples taken from urban and regional rural centres or between industrialised urban and other centres (see Appendix X). Levels, expressed as upper bound WHO-TEQs varied by a factor of 2.5, from a minimum value of 6 pg WHO-TEQ/g lipid in the rural Queensland sample to 15.2 pg WHO-TEQ/g lipid in the Brisbane sample (one pool from this city). The lowest concentrations were found in samples from a rural centre in Queensland, Wollongong (a quite heavily industrialised city), Adelaide (one of the two pools from this city), and Hobart. The higher value in the Brisbane sample was somewhat unexpected since in a previous study carried out as part of the worldwide WHO study on dioxins in breast milk, levels in a Brisbane sample were found to be close to the mean level observed of 8.3 pg WHO-TEQ/g lipid. The present result reflects an unusually low lipid content of 2.8% in the Brisbane sample, cf. 3.8 ± 0.5% for all remaining 16 samples. For results that are expressed on a lipid basis, a reduced lipid content can cause an overestimation of the actual concentration. If lipids are degraded in a sample (eg. when a sample is not adequately stored), an increase in the levels of dioxin-like compounds per unit lipid may be expected. The sampling design of this study relied on mothers collecting and storing samples themselves. Although instructions were provided, the study authors stated that it was unknown whether these instructions were always followed explicitly.

For samples collected from Melbourne women in 1993, the mean and median levels (upper bound) of PCDD/Fs and PCBs were 16 and 16.4 pg WHO-TEQ/g lipid, respectively (see Appendix IX). The average lipid concentration of these pooled samples was 3.9 $\pm$ 0.7%.

A comparison of the samples collected from Melbourne women in 1993 with those collected for the present study (2001 - 2003) clearly shows that the levels of dioxin-like compounds decreased over the ten-year time period. This is apparent if the comparison is done with all pooled samples from 2001 -2003 or just with the 4 Melbourne pools, for which the mean and median levels (upper bound) were 9.3 and 8.8 pg WHO-TEQ/g lipid. It should be noted that details of maternal parity and infant age at date of collection was not available for the older samples. However, despite this limitation, a clear decrease in the levels of these compounds over time was observed. The concentration decreased by approximately 45% between 1993 and 2001-2003. Consistently, PCDD/Fs as well as PCBs decreased in the samples.

Table 3-12 Change in WHO-TEQs in breast milk over 10 years

pg WHO-TEQ per g lipid	1993 Samples	2001-2003 Samples	
	Melbourne (3 pools)	Australia (17 pools)	Melbourne (4 pools)
Mean	16.0	9.0	9.3
Median	16.4	8.9	8.8

Data are upper bound means and medians.

A plot of the WHO-TEQ versus average age of donor mothers found no significant correlation ($r^2 = 0.16$). Similarly, the New Zealand breast milk study did not identify any relationship ($r^2 = 0.10$) between age and dioxin levels (Bates et al, 2001). Other studies have found a positive correlation between increasing maternal age and the levels of dioxin-like compounds (Fürst et al, 1992b; Beck et al, 1989); the lack of such a correlation in the Australian and New Zealand populations could possibly be due to the lower overall levels of dioxin-like compounds compared with breast milk levels in Europe and North America. Nevertheless, this relationship would be better assessed by examining individual rather than pooled samples.

The 1987/88 and 1992/93 international comparison studies organised by the WHO indicated that levels of dioxins in human milk were relatively high in industrialised countries when compared with non-industrialised countries (Liem et al, 2000). However, these international studies noted an average decline of breast-milk dioxin levels between the 2nd round investigation in 1992/1993 and the 3rd round in 2003 of about 40% (Malisch & Van Leeuwen 2003), with the largest declines in countries with the highest initial levels (Van Leeuwen & Malisch, 2002). In Japan, assays of breast milk samples collected in Osaka between 1973 - 1996 and stored frozen showed that the concentrations of dioxin-like compounds decreased by 50% over that period (Hirayama, 2000). Consistent with worldwide trends, the levels of dioxin-like compounds in the breast-milk of Australian mothers have significantly decreased over a ten-year period from 1993 to 2003.

As noted above, no consistent trends were observed between pools obtained from rural, industrial or urban regions of Australia. This is in agreement with results obtained in other studies in New Zealand (Bates et al, 2001) and Europe (Fürst et al, 1992b, Deml et al, 1996).

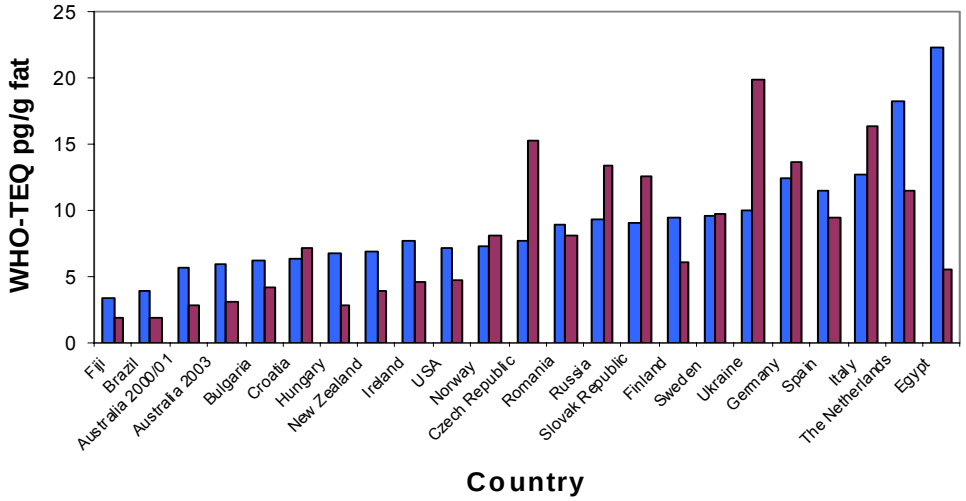

Figure 3-9 Comparison of levels of PCDD/Fs and PCBs in pooled human milk. (The first column for each country represents PCDD/Fs and the second, PCBs.)

Figure 3-9 graphically presents a comparison of PCDD/Fs and PCBs (as WHO-TEQ pg/g lipid) from the 3rd round WHO study from 2003. The lowest levels of PCDD/Fs and dioxin-like PCBs were found in the Southern hemisphere (Fiji, Brazil, Australia and New Zealand); in fact, after Fiji and Brazil, Australia had the third lowest levels of the 22 countries included in the comparison. Egypt had the highest WHO-TEQ levels for PCDD/Fs and the Ukraine had the highest WHO-TEQ for PCBs (Malisch & Van Leeuwen, 2003). Van Leeuwen & Malisch (2002) noted that for only a few countries (Australia, Brazil, Bulgaria and Hungary) were the observed levels for all three groups of compounds (PCDD/Fs, dioxin-like PCBs and indicator PCBs) consistently lower than other countries.

Higher levels than reported above have been reported from mothers living near heavily industrialised sites. Thus, relatively high levels of dioxin-like compounds have been reported in 20 non-pooled breast milk samples collected in or close to an industrial area of Wallonia in Belgium (Focant et al, 2002); PCDD/F concentrations ranged between 16.0 - 52.1 pg WHO-TEQ/g fat, with a mean of 29.4 pg TEQ/g fat. If coplanar PCBs (77, 126, 169) were included, levels ranged between 22.2 - 100.2 pg TEQ/g fat, with a mean of 40.8 pg TEQ/g fat. Similarly, the mean content of dioxins in seven pooled samples of human milk (40 individual trials) from Chapaevsk in Russia was 42.26 pg TEQ/g fat; Chapaevsk, in the Samara Region, is home to the Middle Volga chemical plant which produced hexachlorocyclohexane (lindane) and related chemicals from 1967 to 1987 (Revich et al, 2001).

Breast milk and blood have both been used to estimate body burdens of dioxin-like compounds in humans. Results of previous studies indicate that congener profiles differ somewhat between the two media. For the present study, no blood samples were collected from the participants and so the results obtained from blood serum study (Harden et al, 2004; see Section 3.1.1) were used for comparative purposes. Blood serum data were modelled to take into account age and then compared with predicted results on the basis of the average age of the donor mothers in each milk pool; overall, there was reasonably good agreement between the results from breast milk and plasma (for further details see Müller et al, 2004).

Despite the overall good comparability of the data from the blood and the breast milk study it may be noted that the PCDD/F and PCB congener profiles in the breast milk samples are slightly different from those observed in the blood study of the same age group. Specifically, PCBs and lower chlorinated dibenzodioxins occurred at similar or higher concentrations in breast milk samples compared to the blood samples. However with increasing level of chlorination (i.e. increasing hydrophobicity), there was a shift towards higher concentrations of congeners in the blood compared with breast milk.

In conclusion, the levels of dioxin-like chemicals in the breast milk of Australian women are similar across all regions of Australia but low by international standards. Consistent with world-wide trends, the levels of dioxin-like compounds have decreased over a ten-year period from 1993 to 2003, reflecting a global trend over recent decades of declining levels of dioxin-like compounds in the environment and in human tissues.

Since breast-milk levels can be taken to indicate the extent of exposure to dioxin-like compounds (after controlling for the number of children that have been breast fed by an individual, the duration of lactation, and maternal age), the international comparison of breast-milk levels of PCDD/Fs and PCBs for 22 countries indicates that Australian population exposures (including mothers and their breast-fed infants) are close to the lowest end of the scale.

Infants' dietary intake of PCDD/Fs and PCBs from breast milk is considered in Section 3.2.3.

3.2 Dietary Intake

As demonstrated by a variety of international risk assessments for dioxins, dietary exposure is expected to represent the greatest proportion of the overall intake of dioxins. Food Standards Australia New Zealand (FSANZ) conducted a survey of dioxins in a range of foods, which are representative of the total diet, in order to estimate the dietary exposure of Australians to dioxins (FSANZ, 2004). The contribution of dietary intake to the overall intake of dioxins and a comparison of the estimated dietary intake with the TMI are included in Chapter 4, Section 4.1.

3.2.1 Food Intake assessment

3.2.1.1 Survey of Australian foods for dioxin levels

Since no data existed in Australia on dioxin concentrations in food, an analytical survey was required before a dietary exposure assessment could be conducted.

Dioxin concentration data were obtained from the analysis of a range of foods sampled. A total of 168 composite samples of 22 different foods were analysed. Details of these foods are given in Appendix XI. Foods likely to have higher levels of dioxins (*eg.* meat, fish and dairy products) and those foods that are central to the Australian diet ('core foods' such as bread, potatoes, orange juice) were analysed.

Each sample analysed for dioxins was made up of a composite of four food purchases for core foods, or three food purchases for all other foods. Where appropriate, the composite food samples were prepared to a 'table ready' state before analysis, thus best representing the amounts of dioxins that would be consumed. For example, meat and eggs were cooked, while no additional preparation occurred for composite milk or bread samples. Details of the preparation undertaken for each food are available in the Supplementary Information (Part 5) to the 20th ATDS on the FSANZ web site (www.foodstandards.gov.au).

The methods used for the analysis of dioxins in food were based on the United States Environmental Protection Agency (US EPA) *Method 1613 Revision B* for PCDDs/PCDFs and *Method 1668 Revision A* for PCBs. Both methods use the technique of isotope dilution with high-resolution mass spectrometry for dioxin determination. These methods are available on the US EPA web site (www.epa.gov).

Survey samples were analysed for the 29 PCDD, PCDF and PCB congeners for which the WHO derived toxic equivalency factors (TEFs) for human risk assessment. WHO Toxic Equivalents (WHO-TEQs) (picograms/gram) were calculated by summing the weighted concentrations for each of the 17 specified PCDD/F and 12 PCB congeners, on both a fresh weight and lipid weight basis, for each food analysis. For foods with very low levels of lipid (*eg.* orange juice), WHO-TEQs were determined on a fresh weight basis only. Results were reported as both the lower bound and upper bound WHO-TEQs for each food sample (see introductory section for Chapter 3), noting that in this study the limit of quantitation (LOQ) rather than the limit of detection (LOD) was used and the LOQ is higher than the LOD.

No analysis of drinking water was carried out as a part of this survey. Given the exceedingly low water solubility of dioxins, there is virtually no exposure from drinking water, whether or not the water is chlorinated.

A summary of the mean PCDD/F and PCB concentrations for each food used in the dietary modelling is shown in Table 3-13. Individual composite sample PCDD/F and PCB summary results are available from FSANZ (FSANZ, 2004).

Peanut butter was selected for inclusion in the dioxin survey as it is a relatively high fat product, and can be a high consumption food in the diet of children. While still at a relatively low level, the lower and upper bound results for one peanut butter sample were unexpectedly high in PCDD/F (0.14-0.32 pg WHO-TEQ/gram) compared to other foods analysed in the survey. The high result was still included in the dietary modelling because it was from random samples of peanut butter available on supermarket shelves for purchase and consumption by the general public. The mean value of the four peanut butter analyses was used for the dietary modelling.

Of the ten composite fish fillet samples analysed, one sample contained greater amounts of PCBs than all the other composite samples. The high result was still included in the dietary modelling because it was from random samples of fish fillets available in supermarket for purchase and consumption by the general public. The mean value of the ten fish fillet analyses was used for the dietary modelling.

Table 3-13 Mean levels of PCDD/Fs and PCBs in Australian food

Food	Number of composite samples	PCDD/Fs		PCBs	
		Lower Bound pg WHO-TEQ/g	Upper Bound pg WHO-TEQ/g	Lower Bound pg WHO-TEQ/g	Upper Bound pg WHO-TEQ/g
Bacon	10	0.0135	0.0613	0.0117	0.0214
Baked beans	3	0.0002	0.0139	0.0011	0.0024
Bread, white	3	0.0004	0.0210	0.0003	0.0045
Butter	10	0.0105	0.1984	0.0173	0.0697
Chicken breast	11	0.0006	0.0156	0.0038	0.0057
Eggs	13	0.0026	0.0447	0.0062	0.0121
Fish fillets	10	0.0803	0.1269	0.5097	0.5100
Fish portions	9	0.0013	0.0183	0.0175	0.0204
Hamburger	10	0.0002	0.0197	0.0003	0.0069
Infant formula	5	0.0016	0.0150	0.0019	0.0027
Lamb chops	11	0.0004	0.0360	0.0040	0.0091
Leg ham	9	0.0004	0.0137	0.0012	0.0030
Liver pate	4	0.0005	0.0325	0.0020	0.0104
Margarine	6	0.0006	0.0508	0.0019	0.0071
Milk chocolate	1	0.0029	0.0440	0.0048	0.0120
Milk, whole	13	0.0010	0.0065	0.0013	0.0060
Minced beef	14	0.0008	0.0328	0.0046	0.0148
Orange juice	3	0.0000	0.0071	0.0002	0.0004
Peanut butter	4	0.0350	0.2350	0.0003	0.0132
Potatoes	3	0.0002	0.0127	0.0001	0.0016
Sausage	11	0.0013	0.0407	0.0083	0.0171
Tuna, canned	5	0.0024	0.0142	0.0269	0.0272

All samples are composites of three or four purchases.
All results are reported on a fresh weight basis.

3.2.1.2 International comparison of dioxin levels in food

Comparison of dioxin concentrations in food across different monitoring programs is difficult since there are differences in foods sampled, analytical methodologies and calculation and reporting of TEQs. Furthermore, some data may have been collected up to a decade ago and dioxin intakes would have fallen in the last decade. Therefore, a comparison of contemporary data with older data should be done cautiously. However, Tables 3-14 and 3-15 give some indication of the measured concentrations of dioxins in selected Australian foods compared with those measured in foods from other areas of the world. Data for the tables were derived from data reported by the European Commission (2000), the Codex Alimentarius Commission (2003), the US EPA (2000) and the Buckland et al (1998a), unless otherwise indicated. It should be noted that the Australian values reported in Table 3-14 are WHO-TEQs, which are 10-20% higher than the I-TEQs reported for other areas of the world.

Generally, Australian foods have levels of PCDD/Fs and PCBs that are similar to those reported in New Zealand and lower than those reported from other areas of the world.

Table 3-14 A comparison of PCDD/F concentrations in selected foods from different areas of the world.

Food	Mean PCDD/F I-TEQ (pg/g lipid weight)				
	Australia[1]	New Zealand[2]	USA	Europe[9]	Asia[9]
Beef	0.0006-0.24	0-0.11	0.89-2.86[5]	0.68	1.0
Pork	0.05-0.22[3]	0-0.20[4]	0.64-3.97[5]	0.26	0.8
Lamb	0.004-0.25	0-0.07	-	-	-
Poultry	0.02-0.53	0.037-0.29	0.10-5.17[5]	0.524	0.67
Fish	1.56-3.04	0.33-0.41	2.45-21.1[5]	9.92	0.002-10.2[6]
Eggs	0.013-0.42	0.017-0.12	0.8	1.19	-
Milk	0.04-0.23	0.019-0.16	0.98[7]	0.97	0.3-1.8
Bread/cereals[6]	0.00039-0.021	0.0012-0.0059	-	0.019	-
Fruit/ vegetables[6]	0.000023-0.013	0.0012-0.0016[8]	-	0.029	-

[1]-Values are WHO-TEQs which are 10-20% higher than I-TEQs and are reported as range of lower bound to upper bound
[2]-All New Zealand values reported a range of lower bound to medium bound
[3]- Assumes bacon is representative of all pork products
[4]-Pork meat
[5]- Values reported in Schecter et al (1997)
[6]- On a fresh wt basis
[7]- Calculated from fresh wt assuming 3.2% fat
[8]- Includes fried potatoes
[9]- Whether values represent lower and upper bound means was not reported

Table 3-15 A comparison of PCB concentrations in selected foods from different areas of the world.

Food	Mean PCB WHO-TEQ (pg/g lipid weight)				
	Australia[1]	New Zealand[2]	USA	Europe	Asia
Beef	0.03-0.11	0.0036-0.092	0.49	0.914	-
Pork	0.04-0.07[3]	0.15-0.43[4]	0.06	0.09-0.81[5]	-
Lamb	0.02-0.06	0.01-0.045	-	-	-
Poultry	0.18-0.24	0.018-0.14	0.29	0.59-0.7[5]	-
Fish	9.46-9.5	0.77	30[7]	35.3	0.004-2.0[5]
Eggs	0.04-0.11	0.05-0.11	0.87[10]	0.44-1.5[5]	-
Milk	0.04-0.11	0.027-0.15	0.5[9]	1.25	-
Bread/ cereals[6]	0.0003-0.005	0.00099-0.004	-	0.11	-
Fruit/ vegetables[6]	0.00006-0.0016	0.0012-0.0025[8]	-	0.03-0.12[5]	-

[1]-Values are reported as range of lower bound to upper bound
[2]-All New Zealand values reported a range of lower bound to medium bound
[3]- Assumes bacon is representative of all pork products
[4]-Pork meat
[5]-Range of min-max values reported
[6]- On a fresh wt basis
[7]- Calculated from fresh wt of fresh water fish and shellfish assuming 4% fat
[8]- Includes fried potatoes
[9]- Calculated from fresh wt, assumes 3.2% fat
[10]-Calculated from fresh wt, assumes 11.5% fat

3.2.1.3 Dietary exposure assessment

The dietary exposure assessment was conducted using dietary modelling techniques that combine food consumption data with dioxin concentration data to estimate the exposure to dioxins from the diet. The dietary exposure assessment was conducted using FSANZ's dietary modelling computer program, DIAMOND (for Dietary Modelling of Nutritional Data). This program is based on individual dietary records from a very large number of respondents. It contains a range of databases including:

- food consumption data from single 24-hour recall surveys (3 national dietary surveys conducted in Australia between 1983 and 1995 [2 years old and above surveyed], plus a 1997 New Zealand dietary survey [15+ years old])

- food chemical concentration data (MRLs for pesticide residues, Maximum Levels for contaminants, Maximum Permitted Levels for food additives; pesticide residue levels in food commodities from supervised field trials, surveys for levels of pesticide residues and contaminants in raw and processed food; manufacturers' data for levels of food additives)

- a recipe database (used to split prepared food into its constituent raw commodities).

Utilising its databases, this program can rapidly calculate, for different population subgroups, whether the dietary intake of a chemical in food exceeds the established health standard.

The exposure to dioxins was estimated by combining usual patterns of food consumption, as derived from the 1995 national nutrition survey (NNS) data, with concentrations of dioxins in foods as determined by the FSANZ analytical survey.

The age-gender groups assessed were infants (9 months), toddlers (2-4 years), boys and girls aged 4-15 years, males and females aged 16-29 years, males and females aged 30-44 years, males and females aged 45-59 years and males and females aged 60 years and over. In addition, exposure to dioxins was estimated for males, females and both genders combined from 2 years of age and above.

As there were no food consumption data available from the NNS on children under 2 years, a diet was constructed to enable dietary exposure to dioxins for infants at 9 months of age to be calculated. The recommended energy intake for a 9 month old boy at the 50th percentile weight was used as the basis for the model diet (WHO, 1983). Boys' weights were used because boys tend to be heavier than girls at the same age and therefore have higher energy and food requirements. It was assumed that 50% of the energy intake was derived from milk and 50% from solids (Hitchcock et al., 1986). The patterns of consumption of solid foods for a 2 year old child from the NNS were scaled down and used to determine the solid portion of the nine-month-old's diet. Certain foods such as nuts, coffee and alcohol were removed from the infant diet since nuts can be a choking risk (NHMRC, 2003) and coffee and alcohol are unsuitable foods for

infants (ACT Community Care, 2000). All milk consumption was assumed to be in the form of infant formula.

Only mean exposure to dioxins for this 9-month old age group was calculated. The 9-month old average diet was constructed by making a number of assumptions regarding energy intake and extrapolations from a 2-year old's diet. In constructing a 95th percentile diet for infants at 9 months, it could be assumed that a high consuming infant at 9 months would eat the same foods as a high consuming toddler at 2 years. However, this is unlikely to be the case, as a high consuming infant at nine months would eat more energy-dense foods. There was not enough information from references to enable a diet for a high consuming infant to be derived, and there are no individual food consumption data on high consuming infants from nutrition surveys. Therefore, there was no evidence to validate any extrapolations and assumptions for a high consuming infant. Consequently, estimated 95th percentile exposures for infants at 9 months were not calculated.

The 22 foods surveyed and analysed were matched (or mapped) to the foods reported as consumed in the NNS. This process assigns the levels of dioxins in the surveyed foods to the appropriate food consumption data to estimated dietary exposure to dioxins. In the mapping it was assumed that:

- all cereal products have the same PCDD/F and PCB concentration as white bread;
- crustaceans and molluscs have the same PCDD/F and PCB concentration as fish fillets;
- all vegetables have the same PCDD/F and PCB concentration as potatoes;
- all fruit and fruit juices have the same PCDD/F and PCB concentration as orange juice.

Given that it is impractical to analyse all foods in the food supply, a single food may be assumed to represent a whole groups of foods. For mixed foods, recipes were used to assign their ingredients to the appropriate survey food. Dioxins in some raw foods were also assumed to be carried over into the processed food proportional to the amount of fat in the product.

In the dietary modelling some general assumptions were made including:

- where a food containing PCDD/Fs and PCBs was included in a particular food group, all foods in that group contain the chemicals at the specified concentration for that group;
- any foods not analysed or included in a particular food group (*eg*. sugar, tea, coffee, soft drinks and alcoholic beverages), are assumed to contain no dioxins due to their extremely low fat content, except if they were mixed foods and their ingredients were analysed;

- for upper bound estimates of exposure, the concentrations of each of the congeners was taken as the LOQ for all cases where dioxin concentrations were reported as less than the LOQ;
- consumption of foods as recorded in the NNS represents current food consumption patterns; and
- consumers eat the same every day of the month.

There are several limitations associated with the dietary modelling including:

- monthly intakes of dioxins are based on 24-hour food consumption data (this is more of a limitations for foods not consumed daily, such as fish);
- exposures for high consumers are likely to be overestimated due to the use of 24-hour food consumption data; and
- the small number of foods analysed and the small number of random samples taken provides only a small subset of data on dioxin concentrations in the Australian food supply.

The DIAMOND program multiplies the specified concentration of dioxin by the amount of food that an individual consumed in order to estimate the exposure to each food. The exposures of each individual were then ranked and population exposures (mean and 95th percentile) were derived. To estimate dietary exposures on a per kilogram of body weight basis, each individual's total dietary exposure to dioxins from all foods was divided by their own body weight (as reported in the NNS), the results for all individuals were ranked, and population statistics (mean and 95th percentile exposures) were derived. Daily exposures, in picograms WHO-TEQ per kilogram of body weight, were multiplied by 30 to estimate monthly exposures.

Exposures to PCDD/Fs were calculated separately to PCBs for each population group. The exposure to total dioxins from all foods for each population group was then determined by summing the separate PCDD/F and PCB exposures.

Percentage contributions of each food group to total estimated exposures were calculated by dividing the sum of all consumers' exposures from one food group by the sum of all consumers' exposures from all foods containing dioxins, and multiplying this by 100.

Because the foods that were surveyed represent a wide range of foods commonly consumed as a part of the Australian diet, all dietary survey respondents were considered to be consumers of dioxins. Therefore, all results are reported on an 'all respondent' basis. Mean estimated monthly dietary intake data for PCDD/Fs and PCBs per kilogram of body weight for each population group are given in Table 3-16. Figure 3-10 shows the mean upper and lower bound estimates of total dioxin intake per kilogram bodyweight for each of the age groups. The 95th percentile estimated monthly intakes of PCDD/Fs and PCBs per kilogram of body weight are given in Appendix XII (except for infants because a 95th percentile was not calculated for this age group).

Table 3-16 Mean estimated monthly dietary exposure to dioxins

Sex	Age Group	PCDD/Fs (pg WHO-TEQ/kg bw/month)		PCBs (pg WHO-TEQ/kg bw/month)		Total Dioxins (pg WHO-TEQ/kg bw/month)	
		Lower Bound	Upper Bound	Lower Bound	Upper Bound	Lower Bound	Upper Bound
All	2+	0.9	10.2	2.8	5.4	3.7	15.6
Males	2+	0.9	10.9	3.1	5.9	4.1	16.9
Females	2+	0.8	9.5	2.6	5.0	3.4	14.5
Infants	9 months	4.5	49.0	7.3	11.8	11.8	60.8
Toddlers	2-4	1.9	25.0	4.3	11.8	6.2	36.7
Males	4-15	1.4	17.4	3.6	8.5	4.9	25.9
Females	4-15	1.2	14.8	3.1	7.1	4.2	21.9
Males	16-29	0.9	10.5	3.0	5.7	3.9	16.2
Females	16-29	0.7	8.8	2.4	4.6	3.1	13.4
Males	30-44	0.9	9.1	3.2	5.4	4.1	14.6
Females	30-44	0.7	8.0	2.4	4.3	3.1	12.3
Males	45-59	0.8	8.5	2.9	4.9	3.7	13.3
Females	45-59	0.7	7.6	2.7	4.5	3.4	12.1
Males	60+	0.7	7.9	2.8	4.6	3.5	12.5
Females	60+	0.6	7.6	2.3	4.1	3.0	11.6

Total dioxins = sum of intakes of PCDD/Fs and PCBs. Total dioxins may not equal the sum of the separate intakes due to rounding.

Estimated mean and 95th percentile exposures to total dioxins decreased with age due to food consumption being greater relative to body weight for children.

The difference between the upper bound and lower bound estimates of dietary exposures results from limitations of the analytical method and the high proportion of results that were reported as less than the limit of quantitation. It should be noted that the upper bound estimate is likely to be a very conservative overestimate and the actual dietary exposure for total dioxins lies somewhere between the lower and upper bound estimates (see introductory section of Chapter 3).

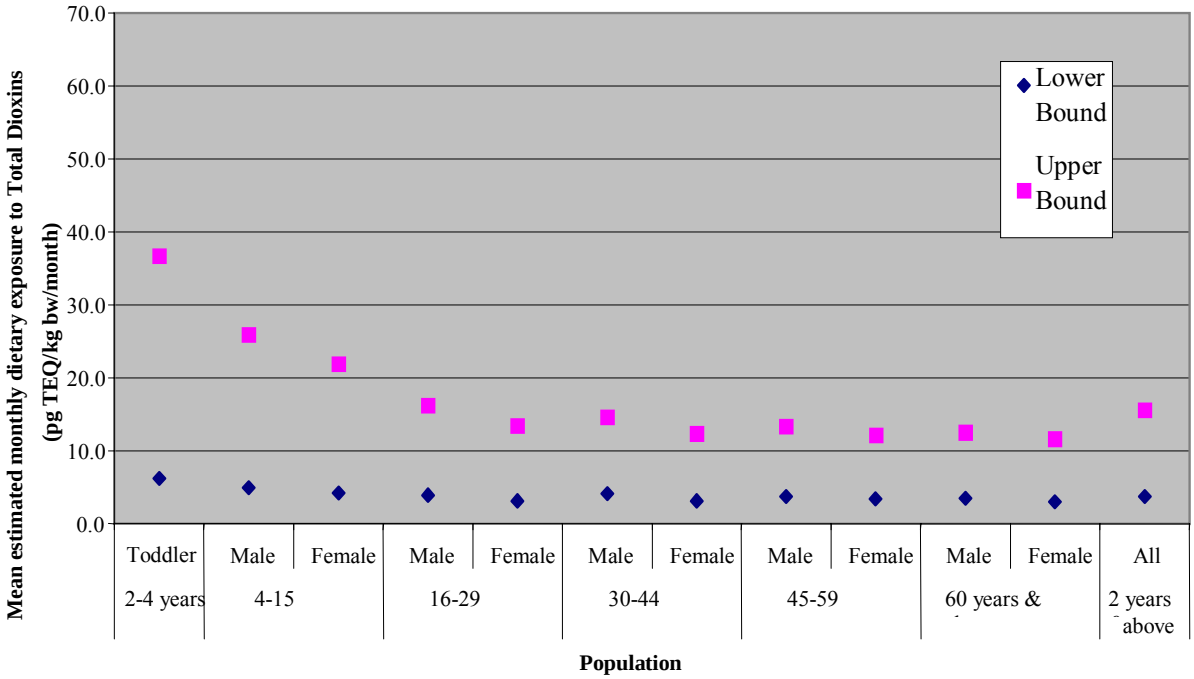

Figure 3-10 Mean estimated monthly dietary exposure to dioxins per kilogram of body weight.

The major contributors to both PCDD/F and PCB exposures were fish fillets (including crustaceans and molluscs) and milk products (including cheese, ice cream etc) in all age groups except infants. Figures 3-11 and 3-12 show the contribution of various food groups to PCDD/F and PCB intake respectively. As expected, in infants the major contributor to both PCDD/F and PCB exposures was infant formula, since it forms the major part of the diet in this age group.

The major foods that contributed to PCDD/Fs exposure differed slightly between adults and children, with milk being the major contributor for children (4-15 year old boys and girls and 2 –4 year old toddlers), and fish for adults (30-44, 45-59 and 60+ year old males and females). The contribution to PCDD/Fs exposure from fish and dairy products was almost equal in the 16-29 year age group.

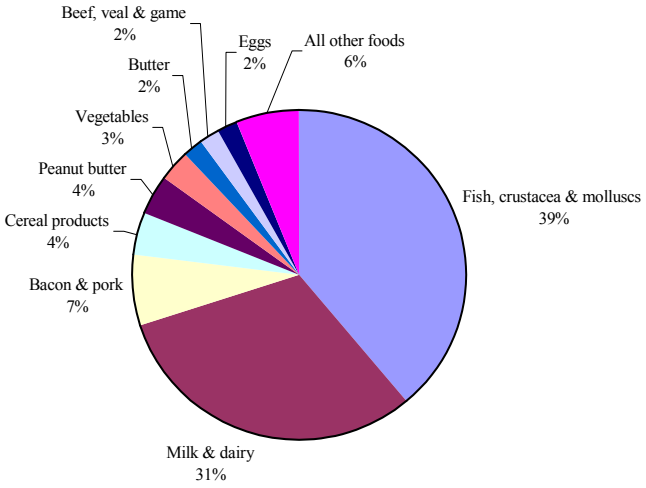

Figure 3-11 Percent contribution of major food contributors to PCDD/F dietary exposures for the population aged 2+ years

The major contributor to exposure to PCBs for all age groups except infants was fish fillets. Of the ten composite fish fillet samples analysed, one sample contained significantly greater amounts of PCBs. FSANZ performed additional dietary modelling using a mean value of PCBs for fish calculated excluding the one high value. In this scenario, fish remained the highest contributor to PCB exposure for adults. This may be attributed to the fact that people who consumed fish as a part of the 24-hour recall in the NNS were assumed to have consumed fish for 30 days when calculating the monthly exposures, which is unlikely because fish is not consumed every day by the majority of the population. However, milk was the highest contributor to PCB exposure for children and toddlers.

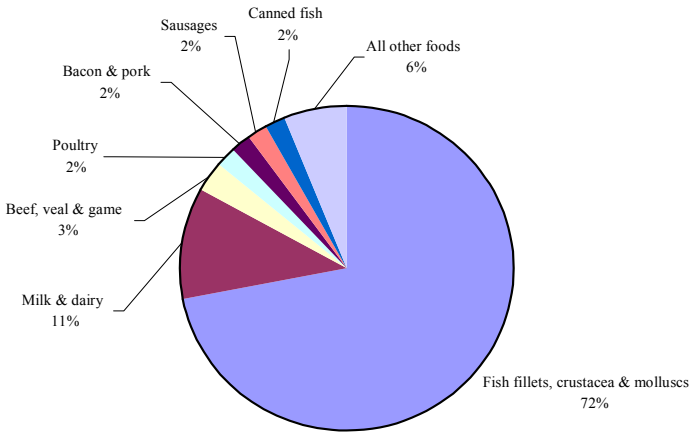

Figure 3-12 Percent contribution of major contributors to PCBs dietary exposures for the population aged 2+ years

The food groups that contributed to PCDD/F and PCBs dietary exposure for infants aged 9 months are shown in Appendices C and D respectively. The major contributors to PCDD/F exposure for infants were infant formula (78%), milk (from ice cream, cheese and infant desserts: all other milk consumption is assumed to be in the form of infant formula) (10%) and fish fillets (6%). Major contributors to PCBs exposure for infants were infant formula (61%) and fish fillets (26%).

3.2.1.3 International comparison of dietary intake of dioxins

Direct comparison of different dietary exposure assessments conducted by different countries is problematic for a number of reasons including differences in dietary survey design, age groups surveyed, different methods of determining food consumption for the population and different methods of collecting food data. In addition there can be quite different patterns of food consumption in different areas of the world and there may be differences in calculating and reporting of TEQs. Furthermore, some data may have been collected up to a decade ago and dioxin intakes would have fallen in the last decade. Therefore, a comparison of contemporary data with older data should be done cautiously. Nonetheless, Table 3-17 gives a comparison of the mean estimated dietary exposure for adults of different countries/regions of the world for the purpose of providing some indication of the dietary exposure of the Australian population relative to that of the populations of other countries.

In general terms, the estimated intake of dioxins by Australians is comparable to that of New Zealand and lower than that of most other industrialised nations.

Table 3-17 An international comparison of mean estimated dietary intakes of dioxins

Country/region	Reference	PCDD/Fs (pg WHO-TEQ/kg bw/month)	PCBs (pg WHO-TEQ/kg bw/month)	Total Dioxins (pg WHO-TEQ/kg bw/month)
Australia[1]	(this study)	0.9-10.2	2.8-5.4	3.7-15.6
New Zealand[2]	Buckland et al 1998a, Smith and Lopipero 2001	6.6	4.5	11.1
UK[3,4]	Food Standards Agency 2003	9	9-12	15-21
USA[6]	Schecter et al 1994a, 1996b US EPA, 2000	9-90 16.7	30 10.1	- 26.8
Europe[4]	European Commission 2000	12-45	24-45	36-90
Canada[5,6]	Birmingham et al 1989a	60	-	-
	Codex 2003	24	7.8	31.8
Germany[5,6]	Beck et al 1992	56		
The Netherlands	Freijer et al 2001	20.7	18.6	39

[1]-Range is lower bound to upper bound for all persons 2+years of age
[2]-Medium bound estimate for adult males
[3]-Range is lower bound to upper bound for average adult
[4]-Sum of PCDD/F and PCB may not equal sum of separate intakes due to rounding
[5]-Assuming a 70 kg person
[6]-I-TEQs. WHO-TEQs are 10-20% higher than I-TEQs

3.2.2 Agricultural commodities

The Australian Government Department of Agriculture, Fisheries and Forestry (DAFF) conducted a dioxin testing program through a joint arrangement between the Australian Government Department of the Environment and Heritage (DEH) and participating industry bodies.

In 2002, the National Residue Survey (NRS), managed by DAFF, arranged for the collection of approximately 220 samples from meat and fish products (DAFF, 2003). The collection of 19 milk samples was organised by the Australian Dairy Industry Corporation and a contract analytical laboratory carried out the analysis of all samples for PCDD/Fs and PCBs.

Table 3-18 shows the measured PCDD/F, PCB and total dioxins in the tested Australian agricultural commodities. Except for salmonids, there is a large difference between the lower bound and upper bound estimates. This is because only a small number of samples had detectable levels of dioxins and the assumption of non-detects being at the Limit of Detection (LOD) was by far the major contributor to the upperbound estimates. Therefore, the upper bound results are overestimates of dioxins present in the commodities.

Table 3-18 Mean dioxin concentrations in Australian agricultural commodities

Commodity	PCDD/F (pg WHO-TEQ/g fat)			PCB (pg WHO-TEQ/g fat)			Total dioxins (pg WHO-TEQ/g fat)		
	Lower bound	Medium bound	Upper bound	Lower bound	Medium bound	Upper bound	Lower bound	Medium bound	Upper bound
Beef	0.104	0.331	0.557	0.0731	0.181	0.289	0.177	0.512	0.847
Milk	0.0277	0.231	0.434	0.028	0.107	0.186	0.0557	0.338	0.620
Pigs	0.0029	0.167	0.331	0.0106	0.127	0.244	0.0212	0.294	0.575
Poultry	0.0012	0.166	0.330	0.0173	0.133	0.249	0.0184	0.299	0.579
Sheep	0.112	0.342	0.572	0.0346	0.133	0.231	0.147	0.475	0.803
	PCDD/F (pg WHO-TEQ/g fresh weight)			PCB (pg WHO-TEQ/g fresh weight)			Total dioxins (pg WHO-TEQ/g fresh weight)		
Salmonids[1]	0.173	0.201	0.228	0.398	0.500	0.602	0.571	0.701	0.830

[1]-aquacultured

Despite the inconsistency of methods and sampling of international dioxin data, it is useful to compare Australian data to international findings and international standards. A comparison was made between data generated in this study and the dioxin data for geographical regions in the recent Codex Commission on Food Additives and Contaminants (CCFAC) position paper (Codex Alimentarius Commission, 2003). It is important to note that these results are not directly comparable and the testing conducted for the Australian study includes more species and more compounds (i.e. PCDD/F, PCBs and Total WHO-TEQ) than data presented in the CCFAC paper. Therefore, several species/compound comparisons are not possible. Those that are possible are included Appendix XV and are presented as upperbound ranges of dioxins in the various species. In most cases the maximum PCDD/F and PCB concentrations in all Australian agricultural commodities was lower than that of other regions of the world.

In addition, the results of the current study were compared to the EU standard for PCDD/Fs in agricultural commodities. Table 3-19 shows that both the mean and the maximum values for all of the tested Australian commodities were below the EU standard.

Table 3-19 A comparison of PCDD/Fs in Australian agricultural commodities with the EU Standard for PCDD/Fs

Species	EU standard Maximum pg WHO-TEQ /g *	Mean** result from this study	Maximum** result from this study
Beef	3	0.557 (18.6%)	1.77 (59.0%)
Fish (salmonids)	4	0.228 (5.7%)	0.350 (8.75%)
Milk	3	0.434 (14.5%)	0.749 (25.0%)
Pig	1	0.331 (33.1%)	0.551 (55.1%)
Poultry	2	0.330 (16.5%)	0.529 (26.45%)
Sheep	3	0.572 (19.1%)	2.83 (94.3%)

* on a fat basis except for fish which is on a muscle basis. Where a congener is not detected, the EU standard assumes the LOD for that congener.

** mean and maximum results are upperbound concentrations expressed as pg WHO-TEQ/g. Values in parentheses are expressed as a percentage of the EU standard for that species).

Since "table ready" food products derived from the agricultural commodities sampled in this study were also included in the dietary survey and dietary modelling conducted by FSANZ, the potential human health risks of dioxin contaminated agricultural commodities will not be further discussed in this section. Section 3.2.1 contains details of the Australian population's estimated dietary exposure to dioxins.

3.2.3 Intake from human milk

Section 3.2.1 includes the estimated dioxin intake for infants (9-months old) fed 50% of their energy requirements from infant formula and 50% from solids and gives measured concentrations of dioxins in infant formula sampled in Australia. Section 3.1.2 outlines the results of a study by Müller et al (2003a) which investigated the current levels of dioxins in the breast milk of Australian mothers. Using the results of these analyses and the measured concentrations of dioxins in infant formula, the intake of dioxins by breast-fed and non-breast fed infants can be estimated.

In order to assess the dietary exposure to dioxins for infants at three months of age that are fully breast-fed, the quantity of breast milk consumed needed to be determined. Butte et al (2002) found that infants at 3 months of age from presumably well-nourished populations, including Australia, consumed a mean amount of 750 g of breast milk per day (weighted for sample size). The median (50^{th} percentile) weight for a male infant at three months is 6 kg (WHO, 1983). Boys' weights were used because boys tend to be heavier than girls at the same age and therefore have higher energy and food requirements. Therefore, using these figures, and multiplying by 30 to provide a monthly consumption, a fully breast fed infant at three months of age consumes 3800 g breast milk/kg bw/month. The mean concentrations of dioxins in breast milk used for this dietary exposure assessment were taken from the recent study of Müller et al (2003a).

As there were no food consumption data available from the NNS on children under two years, a diet was constructed to enable dietary exposure to dioxins for infants at nine months of age to be calculated. Details of the constructed diet for infants at 9 months are available in Section 3.2.1. In this constructed diet, milk was assumed to provide half of the infant's energy requirements. In order to determine the dietary exposure to dioxins for breast fed infants at 9 months, this same constructed diet was used, and all milk consumption was assumed to be breast milk. All other assumptions relating to the construction of the diet remained the same. As for infants at 3 months, the dioxin concentrations for breast milk used for calculating dioxin exposure for infants at 9 months were taken from Müller et al (2003a). As milk was assumed to only provide 50% of the energy requirements of an infant at 9 months, dioxin concentrations for all other foods, making up the other 50% of energy requirements were derived from the FSANZ dioxin total diet survey, which is outlined in Section 3.2.1.

The aim of the dietary exposure assessment was to make as realistic an estimate of dietary exposure to dioxins as possible. However, where significant uncertainties in the data existed, conservative assumptions were generally used to ensure that the dietary exposure assessment did not underestimate exposure.

For breast fed infants, the following assumptions were made:

- milk was the only food consumed for infants at 3 months;
- all milk consumed was breast milk for infants at 3 and 9 months;
- the dioxin concentration of breast milk for infants at 2-8 weeks is the dioxin concentration of breast milk for the whole term of breast-feeding each infant;
- the dioxin concentration for breast milk was the same for all infants, irrespective of the number of breast-fed siblings; and
- one gram of breast milk is equal to one millilitre of breast milk.

Table 3-20 gives the estimated lower and upper bound mean intakes of PCDD/Fs, PCBs and total dioxins for breast-fed and non-breast-fed Australian infants at 3 and 9 months of age.

Table 3-20 Estimated monthly intake of dioxin for Australian breast-fed and non-breast-fed infants

Compound	Bound	Estimated intake (pg WHO-TEQ/kg bw/month)			
		Breast-fed		Non-breast-fed	
		3 months	9 months	3 months	9 months
PCDD/F	Lower	807	490	5.9	4.4
	Upper	831	518	54.1	49.0
PCB	Lower	427	261	6.9	7.3
	Upper	427	264	9.7	11.8
Total dioxins	Lower	1234	751	12.8	11.8
	Upper	1258	782	63.9	60.8

As is the case with other aspects of this exposure assessment, comparison of different estimates of dioxin intake as a result of breast feeding is difficult because factors such as the sampling of breast milk, assumed intake of breast milk, infant age and percent of diet assumed to be from breast milk will differ between studies. Compared with intake estimates for breast-fed infants from other countries, the intake estimates for Australian infants were the lowest amongst those countries for which data were readily available (see Figure 3-13 for an international comparison of intake estimates for breast-fed infants). Smith and Lopipero (2001) estimated intake of total dioxins for New Zealand infants breast-fed for periods up to 12 months and calculated an average intake of between 37 and 52 pg WHO-TEQ/kg bw/day (equal to 1110-1560 pg WHO-TEQ/kg bw/month). Dioxin intakes for breast-fed Dutch infants (age not specified) were estimated by Liem and Rappe (1998) to be 115 pg WHO-TEQ/kg bw/day (equal to 3450 pg WHO-TEQ/kg bw/month). The estimate of Liem and Rappe (1998) was very similar to the 112-118 pg WHO-TEQ/kg bw/day (3360-3540 pg WHO-TEQ/kg bw/month) intake estimate of Patandin et al (1999b) for Dutch infants fed breast milk for 6 months. Estimated lower bound total dioxin intake of 76 pg WHO-TEQ/kg bw/day (2280 pg WHO-TEQ/kg bw/month) for Belgian infants that were breast-fed (Focant et al, 2002) was similar to that of Dutch infants. Two estimates of total dioxin intakes from breast milk by Korean infants were 60 and 85 pg WHO-TEQ/kg bw/day (1800 and 2550 pg WHO-TEQ/kg bw/month) (Yang J et al, 2002; Yang Y-H et al, 2002). The US EPA

(2000) estimated an average total dioxin intake of 92 pg WHO-TEQ/kg bw/day (2760 pg WHO-TEQ/kg bw/month) by US infants breast-fed for 12 months.

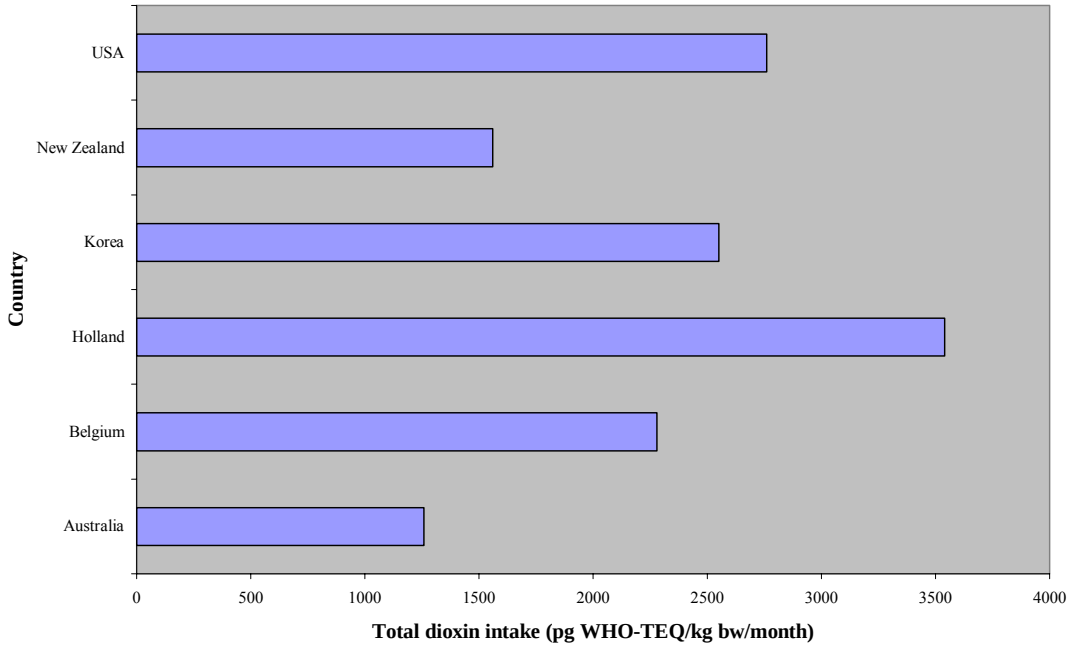

Figure 3-13 An international comparison of estimated dioxin intakes for breast-fed infants

[Maximum reported intakes (as given in above text) for solely breast-fed infants from each country. Australian value is upper bound estimate at 3-months.]

The estimated intake of dioxins during breast feeding of Australian infants was considerably higher than estimated dietary intakes of dioxins for the rest of the Australian population (3.7-15.6 pg WHO-TEQ/kg bw/month; see Section 3.2.1). Similar differences between the dioxin intake of breast-fed infants and the rest of the general population were also reported for the Dutch (Liem & Rappe, 1998), New Zealand (Smith & Lopipero, 2001) and the US populations (US EPA, 2000).

Estimated dietary exposure to dioxins for infants at 9 months is much less than for infants at 3 months as approximately half the energy requirements of a 9-month old infant are derived from foods other than breast milk, that have significantly lower dioxin concentrations. Exposure to dioxins from breast milk occurs for a very short time in a person's life. As the 1995 National Health Survey (NHS) did not survey children under the age of two, it is difficult to obtain data on the consumption of infant formula in Australia. However, a report based on the results of the NNS on the introduction of breast milk substitutes and solid foods to Australian children between 1992 and 1995 revealed that by the age of 26 weeks, the majority of children had been given infant formula (56.9%) (Donath & Amir, 2002).

The pattern of infant feeding at four weeks, 12 weeks and 24 weeks of life, using a sub-sample of children aged over six months, is shown in Table 3-21.

Table 3-21 Patterns of feeding for the first six months of a child's life

	At 4 weeks	At 12 weeks	At 24 weeks
Breast milk only	70.3%	57.8%	17.5%
Infant formula[a] only	25.1%	32.2%	15.8%
Breast milk and infant formula[a]	2.7%	3.1%	2.2%
Breast milk and solid food	0.7%	2.7%	23.3%
Infant formula[a] and solid food	1.0%	4.2%	36.2%
Breast milk, infant formula[a] and solid food	0.0%	0.1%	3.2%

[a] Includes milk substitutes other than infant formula
from Donath and Amir, 2002.

In addition to changes in the infant diet that reduce the intake of dioxins as an infant grows, the intake of dioxins by growing infants may also be reduced by changes in the dioxin concentration of breast milk. The estimates of intake given in Table 3-20 assume that dioxin concentrations in breast milk are constant over the nursing period. However, the dioxin concentration in maternal milk has been observed to decrease during lactation (Lakind, 2000; Fürst 1989). The modelling studies of the US EPA (2000) and Lorber and Phillips (2002) took into account the reduction in breast milk concentrations during lactation and predicted a decrease in infant intakes of dioxins during lactation (without accounting for any dietary changes). Therefore, the intake estimate given in Table 3-20 for 9-month old infants is likely to be an overestimate.

The dioxin intakes of breast-fed Australian infants were also considerably higher than those of non-breast-fed infants. This difference is due to the lower dioxin concentrations in infant formula, largely as a result of infant formulas containing vegetable fats rather than animal milk fats. Patandin et al (1999b) reported a similar difference with the mean daily dioxin intake per kilogram bodyweight for breast-fed Dutch infants being 50 times higher than that of non-breast-fed infants.

Although the intake of dioxins by breast-fed infants is considerably higher than the estimated adult and non-breast-fed infant intakes, the impact of breast feeding on the body burden in infants is likely to be lower. This can be attributed to the rapidly increasing body weight and lipid volume of the growing infant and the higher rate of dioxin excretion in infants compared with adults (see discussion below on body burden modelling). In the study of Kreuzer et al (1997) the difference in body burden between breast-fed and non-breast-fed infants was less than an order of magnitude and similarly, the study by the US EPA (2000) showed a difference in body burden between breast-fed and non-breast-fed infants of only two times at one year of age.

Several modelling studies have been conducted to investigate the impact of dioxin intake from breast feeding on body burdens of infants and the lifetime intake in adults (Kreuzer et al, 1997; Pantandin et al, 1999; Lorber & Phillips, 2002; US EPA, 2000). Although breast-fed infants were shown to have higher body burdens of dioxins during nursing, the body burden of breast-fed and non-breast-fed children was predicted to be similar after several years and to remain similar for the rest of life. The study by

Kreuzer et al (1997) is discussed below to examine the predicted impacts of dioxin intakes by infants on body burden over a lifetime.

Using data from their own study and other values reported in the literature, the authors have modelled TCDD levels in adipose tissue over a lifetime, in breast-fed (6 months) and non-breast-fed subjects. Figure 3-14 shows the time-course of the predicted concentrations of TCDD in lipids of adipose tissue or blood of a male subject from birth to 60 years of age. Note that this model is for TCDD only since to model related compounds would require consideration of different rates of bioaccumulation and biotransformation, and different rates and extent of protein binding. There is evidence that trans-placental transport from the mother to the fetus is close to 100%, leading to the treatment of the whole organism (mother/fetus) as a one-compartment model. Thus, based on a simulated initial maternal TCDD concentration of 2.23 ng/kg lipid), the TCDD concentration in the body of the newborn at the time of delivery was also taken to be the same, viz. 2.23 ng/kg lipid, a value also taken to be the level in breast milk.

For elimination of TCDD, the model takes into account excretion of TCDD in faecal lipids as well as its metabolic transformation. With respect to faecal excretion, data suggest that the faecal TCDD concentration reflects its concentration in lipids of the organism. The half-life of faecal elimination is proportion to the ratio of the volume of body lipids to the mass of lipids in faeces excreted per unit time; since the volume of body lipids increases at least 40 times during ageing but the mass of lipids in faeces excreted per unit time increases only about 1.7-times, the calculated half-life of faecal elimination changes considerably with age, from only ca. 0.42 years in newborns to ca. 9.5 years in 40-year old adults. The half-life of metabolic elimination is proportional to the total volume of body lipids and inversely proportional to liver surface area. Calculated half-lives for metabolic elimination were 1.5 years for newborns and about 10 years at age 40. However, according to the model, most TCDD is eliminated unchanged in the faeces during childhood and youth, whilst metabolic removal becomes more important with age. (With respect to increasing elimination half-life with age, it may be noted that the decline in TCDD levels in adipose tissue of young rhesus monkeys (0.3 - 2 years) revealed a mean half-life of ca. 180 days cf. 391 days in adults (Bowman et al, 1989b; 1990).

The upper curve of Figure 3-14 was computed assuming breast feeding for the first 6 months of life, followed by formula up to one year of age. The lower curve considers intake of only feeding formula for the same time period. For both scenarios, further nutrition was simulated to consist of common diet. The curves predicted for both feeding conditions differ considerably during the first years of life. Over the first year, predicted TCDD concentrations decrease for a non breast-fed subject, subsequently increasing to a maximum at ca. 16 years. The initial decrease reflects less uptake of TCDD from formula than during pregnancy when the foetus was in equilibrium with the mother's body burden.

For breast-fed infants, the simulation yields a rapid increase of TCDD in body lipids due to TCDD uptake from mother's milk. After weaning, the concentrations decrease during the following 3 or so years and the curves merge at about the age of 7 years. [Kreuzer et al (1997) noted that simulated TCDD levels in breast fed infants did not

exceed actual measurements of lipid TCDD levels in adults, which show a wide spread of values in different samples.]

Thus the model for TCDD levels in body lipids demonstrates that even relatively high concentrations of TCDD which may be reached after 6 months of breast feeding do not lead to a raised lifetime body burden. This is a reflection of the fact that the half-life due to metabolic transformation and faecal elimination is considerably shorter in infants than in older subjects. In addition, there is dilution of concentration by growth in body mass and the significant increase in total body fat volume.

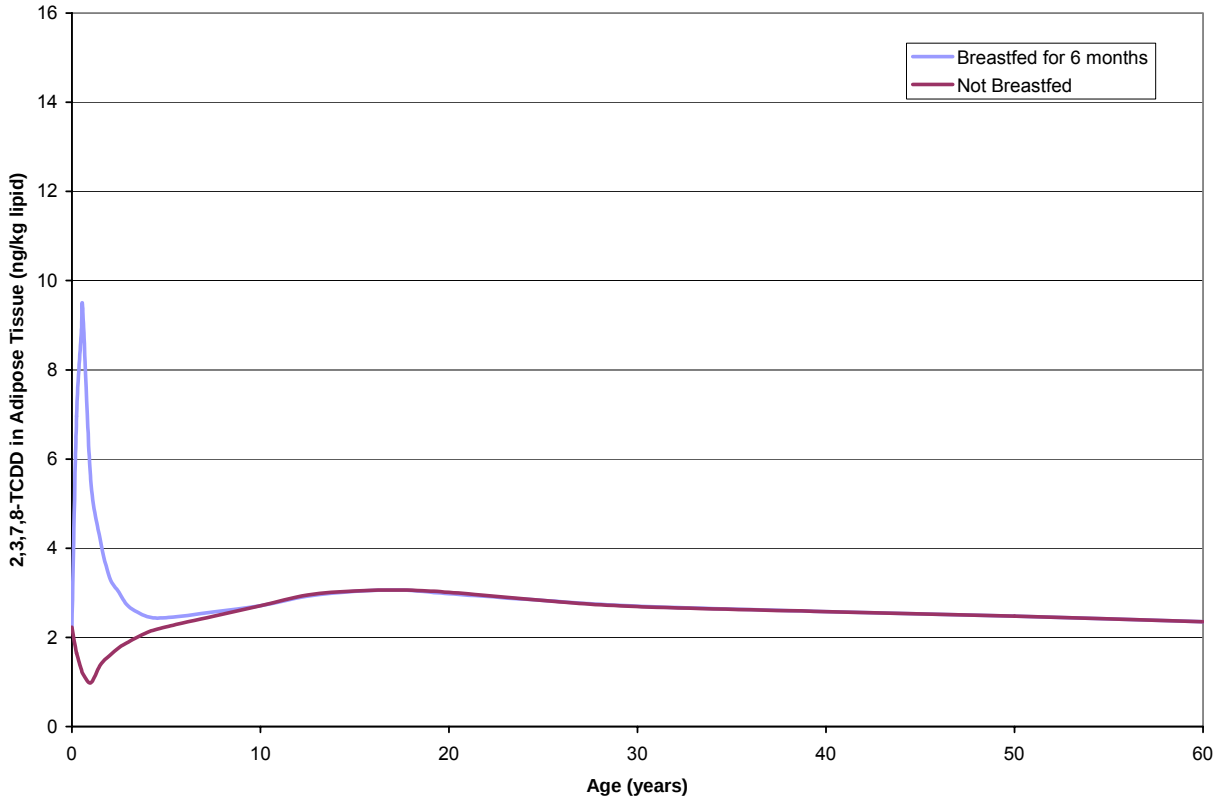

Figure 3-14 TCDD concentrations in lipid tissue of breast-fed and non-breast-fed infants

3.3 Intake from Air

The generation of dioxins results predominantly from combustion processes and atmospheric transport represents the primary route for transport of dioxins into the environment. A review of sources of dioxins in Australia (Pacific Air and Environment Pty Ltd, 2002b) identified a range of possible sources including bushfires and prescribed burning, residential wood combustion and industrial processes. This review was updated recently using United Nations Environment programme standardised protocols for estimating dioxin emissions to air, water and land. In this update, uncontrolled combustion processes which include biomass burning such as forest,

grassland and harvest residue fires and waste burning and accidental domestic/industrial fires were shown to represent the largest single category contributor to dioxins in air (Bawden et al., 2004).

In this section, discussion of dioxin contributions from motor vehicles is based on data from an Environment Australia report commissioned to assess dioxins emissions from motor vehicles (Pacific Air and Environment Pty Ltd, 2002a). Comment on the contribution of bushfires to dioxin air levels is made predominantly from a report on dioxin release from bushfires, commissioned by DEH (Meyer & Beer, 2004). Similarly, comment on the contribution of wood heaters to dioxin air levels in Australia is made from two technical reports on the use of firewood and solid fuel burning appliances also commissioned by DEH (Gras, 2002; Todd, 2002).

As well as commenting on main sources of air dioxins, this section provides a dioxin inhalation exposure assessment for different population subgroups based on data from a project, which determined ambient air levels of dioxins in Australia. The Australian dioxin ambient air level study (Gras & Müller, 2003) measured dioxin levels in urban, rural and remote airsheds. Based on these data, estimated daily inhalational exposures to dioxins were calculated for 5 separate Australian population subgroups - newborn, infant (one year), child (10 years), adult woman and adult man. Daily inhalation exposures per kg body weight were based on data for inhalation rates and body weights from the draft Australian Exposure Assessment Handbook (EnHealth, 2003).

3.3.1 Ambient air

Data on dioxins in ambient air were provided by the DEH ambient air project (Gras & Müller, 2003) which sampled air from a total of 10 sites representing three different airsheds:

1. Urban (residential, light and heavy industrial areas in State capital city sites and large regional centres), consisting of:
    - Kwinana, Perth, WA (industrial);
    - Duncraig, Perth, WA (mid-sized urban);
    - Darwin, NT (small urban within a remote rural region);
    - Eagle Farm, south-east Qld (light industrial);
    - Westmead, Sydney, NSW (major urban, some light industry impact from mixed industrial/urban air shed);
    - Alphington, Melbourne, Vic (major urban area, Yarra Valley);
    - Netley, Adelaide, SA (light industrial).

2. Rural (grazing, cropping and intensive horticulture areas) consisting of:
    - Mutdapilly, south-east Qld (agricultural/grazing)
    - Boorolite, lower north-east Vic (agricultural/grazing), and

3. Remote Reference Area
    - Cape Grim, Tasmania

Sampling was usually conducted monthly over a 12-month period to establish possible seasonal variations in dioxin concentration related to emissions from sources such as wood heaters and bushfires. At two sites (Mutdapilly and Netley), the sampling period was 12 months, collected at intervals of two months.

Samples were collected using high volume samplers designed to collect both gas and particle-phase dioxins. Subsequent extractions and analyses for a total of 29 dioxin and dioxin-like congeners and homologues were conducted at the Australian Government Analytical Laboratories, Sydney.

Data for each of the three air sheds were averaged over the year and combined as WHO-TEQs for PCDD/Fs, PCBs or total dioxins. Lower bound, middle bound and upper bound limits were determined by differing treatment of dioxin concentrations below the limit of detection (LOD), set at three times the sample blank noise standard deviation (0.6 fg WHO-TEQ_{DF}/m^3). For lower bound limits, values below the LOD were assumed to be zero. For middle bound limits, values below the LOD were assumed to be half the LOD. Upper bound limits were calculated by assuming values below the LOD were equal to the LOD.

Summarised air data from the DEH ambient air project are depicted in Appendix XVI. Across all three airsheds, PCDD/Fs were present in much higher concentrations than PCBs. As expected, urban airsheds showed the highest levels of dioxins (total dioxins, mean lower and upper bound limits 13.61 – 14.37 fg WHO-TEQ/m^3). Total dioxin levels were approximately five to six times higher than those for rural airsheds (mean lower and upper bound limits 1.94 – 2.82 fg WHO-TEQ/m^3) and an order of magnitude higher than those for the remote reference site (mean lower and upper bound limits 0.73 – 1.47 fg WHO-TEQ/m^3).

Comparisons to levels reported overseas show that Australian ambient air concentrations are relatively low. Mean concentrations of PCDD/Fs for rural sites are 1.52 – 2.35 fg WHO-TEQ/m^3 (lower and upper bound limit), lower than the mean of 3.77 fg I-TEQ/m^3 for the lowest reported New Zealand rural site (Buckland et al, 1999), and much lower than the 12 fg I-TEQ/m^3 reported for rural locations in the USA (Cleverly et al, 2000).

Similarly, mean concentrations of dioxins for Australian urban sites are 11.8-12.50 fg WHO-TEQ/m^3 (lower and upper bound limit), comparable to New Zealand rural locations (4 – 16 fg I-TEQ/m^3) (Buckland et al, 1999) and lower than many urban sites across Europe (for detail, see Gras & Müller, 2003).

Inhalation Exposure Assessment

Inhalation exposures for five population subgroups were calculated using exposure factor data from the draft Australian Exposure Assessment Handbook (AEAH). Body weights for adult women and adult men were taken as those for individuals 25-44 years of age. The weight for a child (10 years) was the average of values given for male and female children. For infants and newborn for which data are lacking in the draft AEAH, infant weights (1 year) were assumed to be half the average weight for 2-3 year old

males and females. Newborn weights were assumed to be half the weight of infants (3.8 kg).

Table 3-22 Inhalation rates and body weights of population subgroups

	Inhalation Rate (m^3/day)	Body Weight (kg)
Newborn[+]	0.8	3.8
Infant (1 year)[#]	3.8	7.7
Child (10 years)	15.0	35.7
Adult Woman[*]	21.0	67.3
Adult Man[*]	23.0	82.4

+ assumed to be one-half the body weight of infants
# assumed to be one-half the body weight of 2-3 year olds
* 25-44 years of age

There is a paucity of data on human absorption of dioxins from inhalation exposure. ATSDR (2000) notes the study of Wolff (1985) examining capacitor workers exposed to PCBs. This study claims the inhalation route as responsible for up to 80% of the absorbed PCB levels in adipose tissue.

In rats, at least 95% of a single dose of 2,3,7,8- tetrachlorodibenzo-p-dioxin (TCDD) was reported to be absorbed following intratracheal application. In this study, pulmonary absorption was greater than oral absorption (Diliberto et al, 1996). In a single human volunteer, > 87% absorption was reported following a single oral dose of 2,3,7,8-TCDD (Poiger & Schlatter, 1986). Notwithstanding species differences, taken together, these data would suggest extensive absorption of dioxins via the inhalation route in humans.

Differences in absorption are expected between dioxins in the gaseous (vapour) dissolved liquid and solid (particulate) states. On the basis of animal data and information on the fate of particles in the respiratory system, the US EPA estimated that the fraction of 2,3,7,8-TCDD absorbed into the human body from inhalation of soil particles ranges from 0.25-0.29 (US EPA, 1984b).

The ambient air data from the DEH Ambient Air Project do not distinguish between gaseous and particulate dioxins. Overall, therefore, in the absence of detailed information on pulmonary deposition and absorption of dioxins of different material states and of the different congeners and homologues in humans, this exposure assessment assumes 100% pulmonary deposition and absorption for all dioxin species. This assumption is in line with policy of the US Department of Health and Human Services (DHHS) which, in the absence of bioavailability information, assumes 100% bioavailability for health effects evaluations (DHHS, 2002).

Inhalation exposures to dioxins were estimated using urban and rural ambient airshed data. Lower and upper bound exposure estimates were calculated according to the following formula using lower and upper bound mean ambient air dioxin concentrations (Gras & Müller, 2003) and standard values for air intakes and body weights from the Australian Exposure Assessment Handbook:

Estimated Daily Dioxin Intake (fg WHO-TEQ/kg bw/day**)** =

[dioxin ambient air concentration (fg/m^3) x daily inhalation rate (m^3/day)]/ body weight (kg)

Inhalation exposure estimates using urban and rural airshed data are depicted in Tables 3-23 and 3-24.

Table 3-23 Mean estimated monthly inhalation exposure to dioxins (pg WHO-TEQ/kg bw/day) - Urban airshed

	PCDD/Fs		PCBs		Total Dioxins	
	Lower Bound	Upper Bound	Lower Bound	Upper Bound	Lower Bound	Upper Bound
Newborn	0.074	0.079	0.012	0.012	0.086	0.091
Infant (1 year)	0.174	0.185	0.027	0.028	0.202	0.213
Child (10 years)	0.148	0.157	0.023	0.024	0.172	0.181
Adult Woman	0.110	0.117	0.017	0.018	0.127	0.134
Adult Man	0.098	0.105	0.015	0.016	0.114	0.120

Table 3-24 Mean estimated monthly inhalation exposure to dioxins (pg WHO-TEQ/kg bw/month) - Rural airshed

	PCDD/Fs		PCBs		Total Dioxins	
	Lower Bound	Upper Bound	Lower Bound	Upper Bound	Lower Bound	Upper Bound
Newborn	0.010	0.015	0.003	0.003	0.012	0.018
Infant (1 year)	0.022	0.035	0.006	0.007	0.029	0.042
Child (10 years)	0.019	0.030	0.005	0.006	0.024	0.035
Adult Woman	0.014	0.022	0.004	0.004	0.018	0.026
Adult Man	0.013	0.019	0.004	0.004	0.016	0.024

As expected, given significant anthropogenic sources of dioxins such as fossil fuel combustion, inhalation exposure to dioxins is approximately 5-6 times higher in the urban compared to the rural environment.

Amongst the 5 population subgroups assessed, dioxin intake per kg body weight per day was highest for infants and children. The values for infant appear slightly higher than those for child, but are dependent on the assumption of body weight in the absence of weight information for infants in the AEAH. Weight data for adult men and women were available in the AEAH and the calculated dioxin intake for women was slightly greater than that for men. This reflects the fact that women have a significantly lower average body weight than men although the volume of air they breathe per day is only slightly smaller.

For the lower measured levels of dioxins in rural and remote region air compared to urban air, assumptions regarding measurements below the LOD have a greater relative

impact. As a percentage of absolute mass estimates, differences between lower and upper bound values are much greater for rural compared to the urban environments because measured levels are closer to the LOD.

3.3.2 Motor vehicles

Dioxins are formed by combustion processes. In a study commissioned to determine sources of dioxins in Australia, Bawden et al (2004) noted that anthropogenic sources, particularly industrial combustion processes, are significant contributors to environmental dioxin levels.

In the light of dioxin generation from vehicles, Environment Australia commissioned a study to estimate the total contribution to environmental dioxins from motor vehicle use in Australia. In this study, a survey of international dioxin inventories identified emissions from motor vehicles as important sources (Pacific Air and Environment Pty Ltd, 2002a).

Although it is recognised that dioxins are formed during combustion, the mechanisms of formation are poorly or incompletely understood. Production processes in which chlorine and a carbon source are present at temperatures greater than 200°C are potential dioxin sources. Although no specific data on dioxin formation within vehicle engines or exhausts were found (Pacific Air and Environment Pty Ltd, 2002a), the general formation mechanisms that are known to apply during combustion are assumed to apply to internal combustion engines. For example, studies show particular dioxin formation in the cooler zones of waste incinerator systems where catalytic surfaces, excess oxygen, organic matter and appropriate temperatures (approximately 300°C) are present. These conditions are assumed analogous to environmental conditions in exhaust systems of diesel and petrol engines (Bacher et al., 1991; Jones, 1993). Also, whereas high temperatures and long residence times in furnaces lead to complete combustion and lower dioxin emissions, the incomplete combustion in internal combustion engines, as suggested by low efficiency and significant emissions of incomplete combustion products such as hydrocarbons and carbon monoxide, indicates a potential for dioxin formation.

In the absence of Australian data, Pacific Air and Environment Pty Ltd (2002a) presents data from international studies of vehicle dioxins emissions for different vehicle classes. Most data were in the form of fuel-based emission factors (as pg/L fuel). In order to estimate total dioxin emissions, fuel-based emission factors were combined with Australian fuel economy data for varying vehicle types to account for differences in fuel economy between countries, and then combined with use (kilometres travelled) data for different vehicle types from the Australian Bureau of Statistics (ABS) and the National Environment Protection Council. Alternatively, the fuel-based emission factors were combined with total fuel consumption data for each vehicle type from the ABS to derive total dioxin emissions. Lastly, as a worst case estimate which includes off-road traffic and non-road traffic dioxin emissions, emission factors were combined with total fuel use statistics from the Department of Industry, Tourism and Resources (DoITR) (Table 3-25).

Table 3-25 Dioxin emissions estimates using different vehicle use/fuel datasets

Data Source	Total Dioxins Emissions (g I-TEQ/year)
Vehicle fuel economy/activity data (ABS)	0.7-16.5
Vehicle total fuel consumption data (ABS)	0.6-17.3
Total fuel use statistics (DoITR)	0.7-24.3

From Pacific Air and Environment Pty Ltd, 2002a.

On the basis of Australian fuel economy and activity (kilometres) data, total dioxin emissions from Australian road traffic were estimated at 0.7-16.5 g I-TEQ per year. On the basis of total individual vehicle type fuel consumption data, total dioxin emissions from Australian road traffic were estimated at 0.6-17.3 g I-TEQ per year. On the basis of total fuel use statistics, (which then includes off-road traffic and non-road traffic emissions), worst case estimates of 0.7-24.3 g I-TEQ per year were obtained.

Using a current inventory estimate of total dioxin air emissions in Australia of 500 g WHO-TEQ per annum (Pacific Air and Environment Pty Ltd, 2002b) the above figures represent a contribution from vehicle use of 0.12-4.9% of total dioxin emissions to air.

These estimates are accompanied by significant uncertainties. Unfortunately, there is a lack of measured data internationally on dioxin emissions from road traffic. Despite the variety and number of vehicles currently in operation worldwide, relatively few test data on dioxin emissions are available. Studies generally only consider small numbers of vehicles with estimates sensitive to factors such as driving conditions, fuel quality and ambient temperatures. Overall, assumptions only allowed the estimation of emission factors ranges and not average emission factors (Pacific Air and Environment Pty Ltd, 2002a).

3.3.3 Bushfires

The generation of dioxins *via* combustion processes and the high frequency of bushfires, prescribed fires and agricultural waste burning suggest these events as noteworthy sources of dioxins discharged to air in Australia (Pacific Air and Environment Pty Ltd, 2002b). Although measured data on emissions from small scale controlled burns are available (eg. woodheaters), the complexity of dioxin chemistry precludes the extrapolation of data from such studies to the characterisation of combustion processes in the field. Therefore, on the basis of a lack of measured data on emissions from bushfires, prescribed fires and agricultural waste burning in Australia, a study was commissioned to determine the emissions of dioxins from field fires (Meyer & Beer, 2004).

Dioxin emissions were measured from 21 field burns and 19 laboratory burns designed to replicate combustion processes of open fires. Field burns comprised 13 fuel reduction fires, 2 cane burns, 4 fires in tropical savannah woodlands and 2 wildfires. Cereal straw, native sorghum, sugar cane trash and forest leaf litter were subject to laboratory burns in a dedicated test corridor at the CSIRO fire testing laboratory. As well as dioxin emissions, total suspended particulate matter and carbon dioxide concentrations were measured so that emission factors relating dioxin concentrations to combusted fuel masses (expressed per gram of carbon) could be derived.

For field burns, mean emission rates for total dioxins were calculated for fuel reduction fires, savannah fires, sugar cane fires and wildfires were 1.8, 2.3, 2.1 and 1.0 pg WHO-TEQ/g carbon respectively.

In contrast, most emission rates measured in laboratory burns were much higher than field burns. Mean emission rates for straw, sorghum and sugar cane were 33, 69 and 9.8 pg WHO-TEQ/g carbon respectively. However, emission rates from laboratory leaf litter burns were much lower with a mean of 1.7 pg WHO-TEQ/g carbon. These emission factors incorporate middle bound estimates where values below the limit of detection (LOD) were assumed to be half the LOD.

Congener profiles observed in laboratory burns were different to those observed in field burns, but consistent with emissions measured from wood combustion in domestic heaters. Overall, laboratory burns produced a wide range of PCDD/F congeners with lower chlorinated species most abundant. Furans were substantially more abundant than dioxins. In contrast, field burns produced predominantly dioxins with higher chlorinated species most abundant.

The contrast between emissions measured in the laboratory and in the field were thought to arise from differences in the durations at which smoke plumes remain at high temperatures necessary for heterogeneous dioxin synthesis. In laboratory tests, as in domestic heating appliances, gases and particulates are thought to be retained in the combustion space in a temperature environment above 200°C which is optimal for dioxin synthesis. In contrast, in field burns, air entrained in the smoke plume rapidly cools below this temperature and thus extensive dioxin synthesis is prevented. These observations preclude laboratory tests as appropriate surrogates for emissions testing in the field (Meyer & Beer, 2004).

Emission rates derived from field measurements were combined with National Greenhouse Gas Inventory (NGGI) algorithm and activity data to derive total emissions of dioxins/furans and PCBs from different types of field fires. Using NGGI data, total emissions of PCDD/Fs and PCBs from agricultural, forest and savannah fires were estimated at 152 g WHO-TEQ/year for 1994 and 233 g WHO-TEQ/year for 2001. The increase was due to increased fire activity (Meyer & Beer, 2004).

Using a current estimate of total dioxin air emissions in Australia of 500 g WHO-TEQ per annum (Bawden et al, 2004), the comparable emissions figure for 2001 represents a best estimate contribution from field fires of 47% of total dioxin emissions to air.

3.3.4 Wood heaters

Studies of atmospheric fine particulates in Australian cities suggest that residential wood combustion for heating is a major source of winter aerosol mass (Gras & Müller, 2003).

One of the findings of a recent Australian dioxin ambient air level study (Gras & Müller, 2003) was a strong seasonal cycle in dioxin concentrations both as mass concentrations and TEQ. A winter concentration maximum was measured for all major

population centres studied. Moreover, the period of enhanced concentrations was shorter in northern locations compared to southern locations. This seasonal variation in dioxin levels and correlation with aerosol non-sea-salt potassium as a tracer for biomass burning indicate residential wood smoke as the source of winter increases (Gras & Müller, 2003). The particular seasonal patterns of dioxin congeners and homologues show strong correlation to patterns found in studies of wood smoke emissions from residential wood heaters in New Zealand (Buckland et al, 1999) and more recently in Australia (Gras, 2002; Gras & Müller, 2003).

Residential combustion (furnaces, stoves, fireplaces) was identified as a potential source of air dioxins also in a source survey of dioxin air emissions in Australia (Pacific Air and Environment Pty Ltd, 2002b). In this study, dioxin emission factors for residential combustion activities were derived. However, because of a lack of Australian emissions data, estimates were based on information from the US, UK and the Netherlands and, as well as wood, fossil fuels such as oil or coal were also considered. However, stoves burning wood have a greater potential for dioxin emissions due to increased chlorine and/or dioxin precursors present in wood compared to oil or coal (Pacific Air and Environment Pty Ltd, 2002b). For example, much higher dioxin emissions are estimated for wood treated with pentachlorophenol (PCP) preservative.

Based on international data, Australian emission factors for PCDD/Fs of 1-3 and 1-29 µg I-TEQ /tonne fuel burned for stoves and fireplaces respectively burning clean wood were derived. Emission factors were higher for "treated" wood: 10-50 and 100-500 µg I-TEQ /tonne fuel burned for stoves and fireplaces respectively. The latter figure of 500 µg I-TEQ /tonne fuel directly reflects data from the Netherlands for combustion of wood containing PCP.

Using these emission factors and estimations of wood burning activities for different installations i.e. stoves versus fireplaces (combined total of 4000 ktonnes wood/year), the Pacific Air and Environment Pty Ltd (2002b) report estimated a total release of PCDD/Fs from residential wood combustion of 15-98 g I-TEQ/year.

With controlled burns in the emissions study, no detectable emissions of PCDD/Fs were detected above background (1 ng/kg fuel) for softwood fuel, whereas, overall, levels of 7.5 ng/kg fuel were detected for hardwood fuel. Accounting for operating parameters derived from the survey of wood burning appliance users which considered heater types, fuel types, fuel moisture content and appliance fuel loading, a final best-estimate emission factor of 4.1 ng WHO-TEQ/kg fuel was calculated. Wood treated with preservative was not tested in this study (Gras, 2002). This figure is comparable to and at the lower end of emissions factors ranges estimated previously by Pacific Air and Environment Pty Ltd (2002b) of 1-3 and 1-29 µg I-TEQ /tonne fuel for stoves and fireplaces respectively based on overseas data.

Although information on the types of wood used for heating was obtained from the users survey, this study did not provide a figure for total wood consumed. However, figures for total firewood consumed per year of 3-5.5 million tonnes was provided in the companion study by Todd (2002) on residential firewood use. This conforms well with the 4000 ktonnes/year estimate of Pacific Air and Environment Pty Ltd (2002b).

Assuming this upper figure of 5.5 million tonnes of wood combusted for residential purposes, the total release of dioxins based on the recent best-estimate emission factor from measurements from controlled burnings of Australian wood would be 22.6 g WHO-TEQ/year.

Using a current inventory estimate of total dioxin air emissions in Australia of 500 g WHO-TEQ per annum (Bawden et al, 2004) the above figure represents a contribution from residential wood combustion of 4.5% of total dioxin emissions to air.

Summary

In a response to the lack of quantitative Australian data on the composition of emissions arising from the use of domestic combustion heaters, Environment Australia commissioned separate companion studies reviewing residential wood fuel use, wood smoke and air toxics (Todd, 2002) and emissions from domestic solid fuel heating appliances (Gras, 2002). The studies comprised a review of residential firewood combustion, solid-fuel appliances, surveys of the number and type of wood burning appliances and fuels in use in southern Australia and the collection and analysis of emissions from controlled burns of different Australian wood fuels in different heaters.

Motor vehicles represent an anthropogenic source of dioxins. Combining overseas dioxin vehicle emission factors, Australian motor vehicle economy and activity data, fuel consumption data and total fuel use statistics, dioxin emissions of 0.6 - 24.3 g I-TEQ/year were estimated to result from motor vehicle use. Compared to the current total dioxin air emission estimation of 500 g WHO-TEQ per annum (Bawden et al., 2004) contributions from vehicle use represent between 0.1-5% of total dioxin emissions to air.

A study of dioxins in ambient air (Gras & Müller, 2003) showed a strong seasonal cycle in dioxin air concentrations. A winter concentration maximum was measured for all major population centres studied with periods of enhanced concentrations shorter in northern locations compared to southern locations. Studies of atmospheric fine particulates in Australian cities suggest that residential wood combustion for heating is a major source of winter aerosol mass. A study of emissions from wood heaters (Gras, 2002) showed that accounting for heater types, fuel types, fuel moisture content and appliance fuel loading, a final best-estimate emission factor of 4.1 ng WHO-TEQ/kg fuel was calculated for Australian wood heaters. Assuming a total of 5.5 million tonnes of total wood combusted for residential purposes (Todd, 2002), the total release of dioxins from burnings of Australian wood for heating was estimated at 22.6 g WHO-TEQ/year, representing around 4.5% of total dioxin emissions to air.

A report of the impact of bush fires on dioxin emissions established emission factors based on measurements of field fires and laboratory burns of different fuels (Meyer & Beer, 2004). Both the dioxin congener patterns and quantities of release differed considerably between the field and laboratory. In general, emission rates measured in laboratory burns were much higher than field burns. Congener patterns in laboratory burns showed the production of a wide range of dioxin/furans with furans

predominating. On the other hand, congener patterns for field fires showed predominantly formation of dioxins.

Differences in emission rates and congener patterns were explained by variations in the residence time of gases and particulates at a temperature range within the combustion space suitable for widespread dioxin/furan formation. In general, the limited heterogeneous dioxin/furan release seen in field fires was attributed to air entrainment and rapid cooling of emissions within the smoke plumes. Using National Greenhouse Gas Inventory data, total emissions of dioxins/furans/PCBs from agricultural, forest and savannah fires were estimated at 152 g WHO-TEQ/year for 1994 and 233 g WHO-TEQ/year for 2001. When compared to the current total release inventory of 500 g WHO-TEQ per annum (Bawden et al, 2004), the 2001 best estimate of this release is 46.6% of total dioxin emissions to air.

It should be noted that since bushfires, grass and scrub fires have been part of the Australian landscape for aeons, humans and the environment have been exposed to low levels of dioxin-like compounds and human metabolism has been coping with dioxin compounds for thousands of years.

An Australian dioxin ambient air study (Gras & Muller, 2003) measured dioxin levels in urban, rural and remote airsheds. Based on these data, estimated daily inhalational exposures to dioxins were calculated for 5 separate Australian population subgroups-newborn, infant (one year), child (10years), adult woman and adult man. Daily inhalation exposures per kg body weight were based on data for inhalation rates and body weights from the draft Australian Exposure Assessment Handbook (EnHealth Council, 2003)

As expected, inhalation of urban air provides a greater dioxin exposure than rural air. Of the separate subgroups examined, infants (one year) were assessed with the highest total dioxin inhalation intake per kilogram body weight (urban air, 0.174-0.178 pg WHO-TEQ/kg bw/month), followed by child (10 years) (0.148-0.157 pg WHO-TEQ/kg bw/month). Women had a marginally higher inhalation exposure per kg bodyweight to dioxins (0.017-0.018 pg WHO-TEQ/kg bw/month) than men (0.015-0.016 pg WHO-TEQ/kg bw/month), reflecting their lower body weight as compared with males but relatively similar air intake volume per unit time.

3.4 Intake from Soil

Humans may be exposed to dioxins from environmental or occupational sources or as a result of industrial accidents. Dietary intake is generally considered to account for approximately 95% of the human intake of dioxins in Australia. The remainder of human intakes of dioxins occurs via other routes such as inhalation and ingestion of contaminated air particles, soil ingestion and dermal contact with soil, air particles or water.

Dioxins have very low water solubility, high octanol-water partition coefficients and low vapour pressure. In soils, these physical and chemical properties of dioxins cause them to absorb strongly to soil organic matter and therefore they have limited mobility

within the soil profile. The possible environmental fates of dioxins sorbed to soil particles include burial, resuspension as dust or erosion by water to ultimately form a part of sediments lying beneath water columns. Dioxins may also volatilise from soils into the air. Due to their chemical stability and resistance to biodegradation, dioxins persist in soils.

3.4.1 Ambient levels of dioxins in Australian soils

Under the information gathering phase of the National Dioxins Program, the Department of Environment and Heritage commissioned a study to determine ambient environmental levels (air, water, soils and fauna) of dioxins in Australia. This section uses the data from the study designed to determine dioxin levels in Australian soils to estimate human intakes of dioxins as a result of exposure to soil.

The overall objective of the study by Müller et al (2003b) was to determine ambient environmental levels of dioxins in Australian soils across a range of landforms, climates and land-uses. Samples were collected from 86 locations representing urban, industrial, agricultural and remote sites across Australia. Urban sites were concentrated in capital cities and major towns, including coastal and inland population centres. Industrial sites were concentrated in areas dominated by industry, but no specific industries were targetted. Agricultural sites included areas used for sugarcane, cotton, grazing, forestry, cereals or horticulture. Remote sites sampled included open forest, closed forest, inland areas, coastal areas, regions subject to regular burning and regions where fire is excluded. The sampling locations covered three different regions in Australia; north, south-east and south-west with samples covering all land-use types. In addition, historical evidence of soil dioxin contamination was determined through analysis of ten samples collected from the same agricultural plot at the Waite Agricultural Research Institute, South Australia. These soil samples were collected in 1925, 1935, 1945, 1950, 1956, 1963, 1973, 1981, 1983, and 2001. Figure 3-15 shows details of the sites sampled by Müller et al (2003b).

A summary of the sampling strategy is described in Table 3-26. The sampling protocol was designed for the determination of the concentrations of dioxins in soil across a range of environments and land-uses. Sites which may have been subject to specific local contamination were avoided.

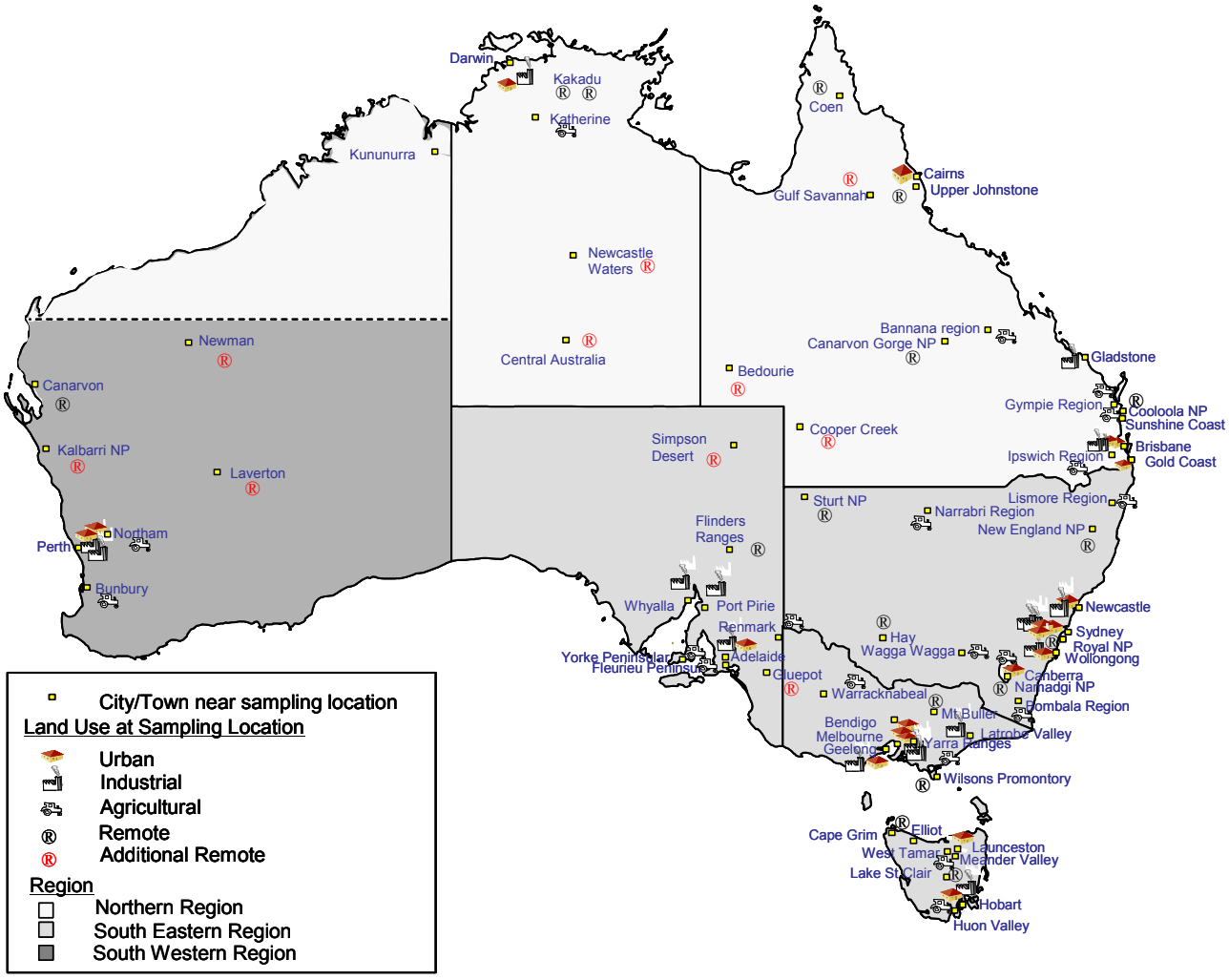

Figure 3-15 Details of sites sampled as a part of the study to determine dioxin levels in Australian soils.

From Müller et al, 2003

Table 3-26 Summary of the sampling strategy and number of samples analysed for the study.

Land Use	Region			
	Northern	South-Eastern	South-Western	Total
Industrial	6	18	3	27
Urban	6	18	2	26
Agricultural	5	16	2	23
Remote	6	10	3	19
Additional Remote[1]	6	2	1	9
Total	29	64	11	104

[1] Additional remote sampling locations were selected to specifically cover inland regions.

The analytical methodology for the determination of PCDD/Fs and PCBs was based on quantification of the analytes through isotopic dilution techniques and is modified from those described by the US EPA methods 1613B and 1668A, respectively. The study design allowed determination of both analytical and sampling reproducibility. A component of the study involved an inter-laboratory calibration in which samples that had been analysed by AGAL were analysed the Dioxin Laboratory of Environment Canada. PCDD/Fs and PCBs were reported as pg/g soil on a dry weight basis. Total toxic equivalents for PCDD/Fs (WHO-TEQ_{DF}), PCBs (WHO-TEQ_{P}) and total toxic equivalents for PCDD/Fs and PCBs (WHO-$TEQ_{DF\&P}$) were calculated using the WHO Toxic Equivalents Factors (TEFs).

Dioxins were detected in all but 1 of the 114 different soil samples analysed. Concentrations of PCDD/Fs and PCBs expressed as TEQs ranged from below the limit of detection (about 0.05 pg/g dry weight (dwt) depending on the specific sample) to 43 pg/g dwt. Dioxin concentrations in soils of north and south-east regions were similar, whereas the concentration in the soils from the south-west region was lower. The median concentration of total dioxins expressed as WHO-$TEQ_{DF\&P}$ were 0.98, 0.74 and 0.21 pg/g dwt in the north, south-east and south-west regions respectively. The highest concentrations of dioxins were found in soils near the centres of population within the south-eastern coastal regions of Australia, whereas those in western Australia and remote and inland areas were low.

The major finding from this study was that land use is a key determinant of dioxin concentrations in Australian soils. Four key land-use types were sampled in this study: industrial, urban (non-industrial), agricultural and remote. Table 3-27 gives the lower and upper bound estimates of PCDD/F, PCBs and total dioxins across land use types. The data clearly demonstrate that mean concentrations of dioxins are substantially higher in soils from urban or industrial locations than in those from agricultural and remote locations. However, mean concentrations in soils from urban and industrial locations were similar, as were those from soils from agricultural and remote locations.

One of the urban sites sampled in Hobart, Tasmania, had the highest PCDD/F concentration (approximate 43 pg WHO-TEQ/g dwt) measured in this study. When this site was re-sampled, the PCDD/F concentration was reported as 1.5 pg WHO-TEQ/g dwt. Both the original “high” value and the re-sampled value were included in the calculation of dioxin TEQs for urban soils. These TEQs were then used in the estimation of human exposure from urban soils, since the use of these “high” values would represent a “worst-case” for dioxin exposure as a result of contact with Australian soils. Table 3-27 summarizes the levels of PCDD/Fs, PCBs and total dioxins (as TEQs) in soil from different land use areas. For comparison, the mean and range of dioxin concentrations calculated from results of analyses of soils samples taken between 1925 and 2001 are also given in Table 3-27.

Table 3-27 Dioxin concentrations Australian soils according to land use

Land use	Bound	PCDD/F (WHO-TEQ pg/g dwt)			PCB (WHO-TEQ pg/g dwt)			Total Dioxins (WHO-TEQ pg/g dwt)		
		Min.	Max.	Mean	Min.	Max.	Mean	Min.	Max.	Mean
Agricultural	Lower	0	4.0	0.40	0	0.087	0.0094	0	4.1	0.41
	Upper	0.054	4.4	0.64	0.007	0.092	0.021	0.061	4.5	0.66
Industrial	Lower	0.063	11	2.6	0.005	1.7	0.36	0.069	11	2.9
	Upper	0.177	11	2.8	0.025	1.9	0.38	0.20	11	3.2
Remote	Lower	0.00056	5.0	0.38	0	0.078	0.0054	0.00068	5.1	0.38
	Upper	0.073	5.2	0.62	0.002	0.08	0.017	0.08	5.3	0.63
Urban[1]	Lower	0.023	42	5.9	0	1.6	0.41	0.081	42	6.3
	Upper	0.20	43	6.0	0.011	1.6	0.41	0.26	43	6.4
Urban[2]	Lower	0.023	22.8	4.3	0	1.6	0.40	0.08	23.3	4.7
	Upper	0.20	23	4.6	0.011	1.6	0.41	0.26	23.5	5.0
Reference[3]	Lower	0.37	2.7	1.1	0.0035	1.1	0.16	0.39	3.8	1.3
	Upper	0.55	2.7	1.1	0.025	1.1	0.18	0.59	3.8	1.3

[1]-includes the "high" PCDD/F TEQ value and the re-sampled value for one site in Hobart

[2]- excludes the "high" PCDD/F TEQ value for one site in Hobart and includes the re-sampled value for that site

[3]- mean and range of results from 1925-2001

The results of the analysis of the reference site at the Waite Agricultural Research Institute are also shown in Figure 3-16. Interestingly, the oldest sample collected in the 1920s contained detectable concentrations of PCDD/Fs and also PCBs. The concentrations of dioxins in the sample from the 1920s are greater than in the samples from the 1930s and 1940s. It is uncertain whether the result is an artefact related to sampling or storage of the sample, although it is not clear how selective contamination of the oldest sample could have occurred. Furthermore, no explanation was available for the peak of dioxins observed in 1981.

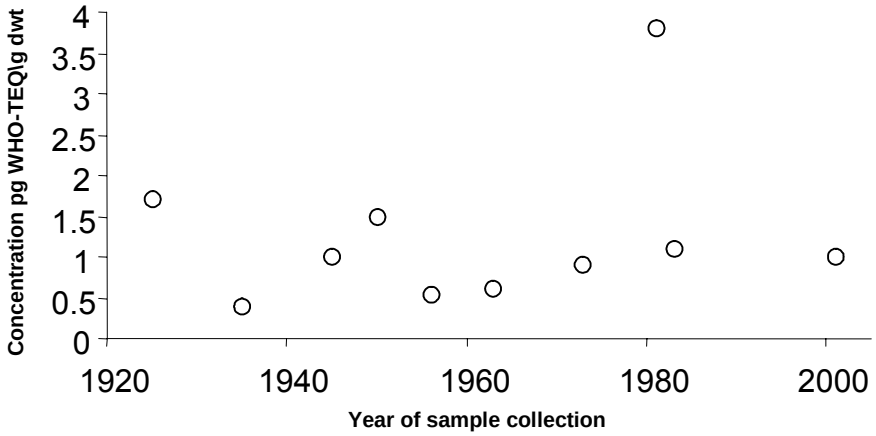

Figure 3-16 Total dioxin concentrations (as WHO-TEQ) in soil samples taken from the reference site between 1925 and 2001.

Modified from Muller et al, 2003b.

Typically in all samples (including the historical samples) that were collected in this study the PCDD/F homologue profile as well as the congener profiles were dominated by octachlorodibenzodioxin (OCDD). The soil congener profiles obtained from this study indicate that the dominance of the higher chlorinated PCDDs is less pronounced in samples from the more temperate regions. This result maybe seen as an indication that the domination of higher chlorinated PCDDs in samples from the tropical regions is at least in part related to fate processes of the chemicals where the least volatile and most persistent PCDDs accumulate specifically in tropical environments whereas the more volatile lower chlorinated PCDD/Fs are transported from these environment to colder climates where they remain.

The congener profile for PCBs was dominated by PCB 118 (ca.50 to 70%) followed by PCB 105 (10 to 20%). No apparent differences in PCB profiles were observed between soils from different locations.

Comparing results across different soil monitoring studies is difficult since there may be differences in the aims of the studies (e.g. determining background levels versus identification of contamination and potential hotspots), differences in the sampling regimens and methodology, and differences in the expression and reporting of results

(e.g. type of TEQs, expression - dry weight versus organic carbon basis, mean versus median, ranges). Nonetheless, Figures 3-17 and 3-18 compare dioxin concentrations across land uses from several countries, to give some indication of Australian soil levels of dioxins relative to other countries.

The concentrations of dioxins in urban and industrial locations sampled as part of the study by Müller et al (2003b) were similar to those reported in previous Australian studies (Buckland et al, 1994; Sund et al, 1993). Dioxin levels in agricultural and remote locations sampled by Müller et al (2003b) were also similar to results of previous Australian studies. However, Müller et al (1996) reported higher levels in some agricultural areas and the study by Buckland et al (1994) reported a higher maximum dioxin concentration in a bushfire-affected area. In general the dioxin levels in Australian soils were similar to those reported in the New Zealand Organochlorine Program (Buckland et al, 1998b). On the basis of toxic equivalents, concentrations of dioxins are on average much lower than those reported from many industrial sites globally and are among the lowest background concentrations internationally, across all land-uses.

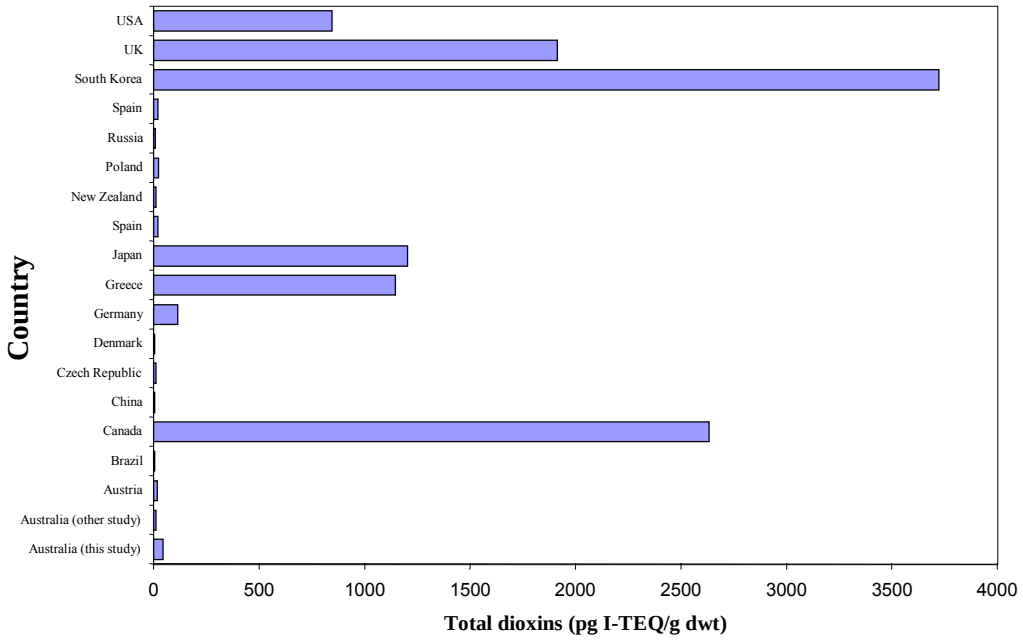

Figure 3-17 An international comparison of dioxin concentrations in soils from industrial and urban locations.

Data from Müller et al, 2003b.

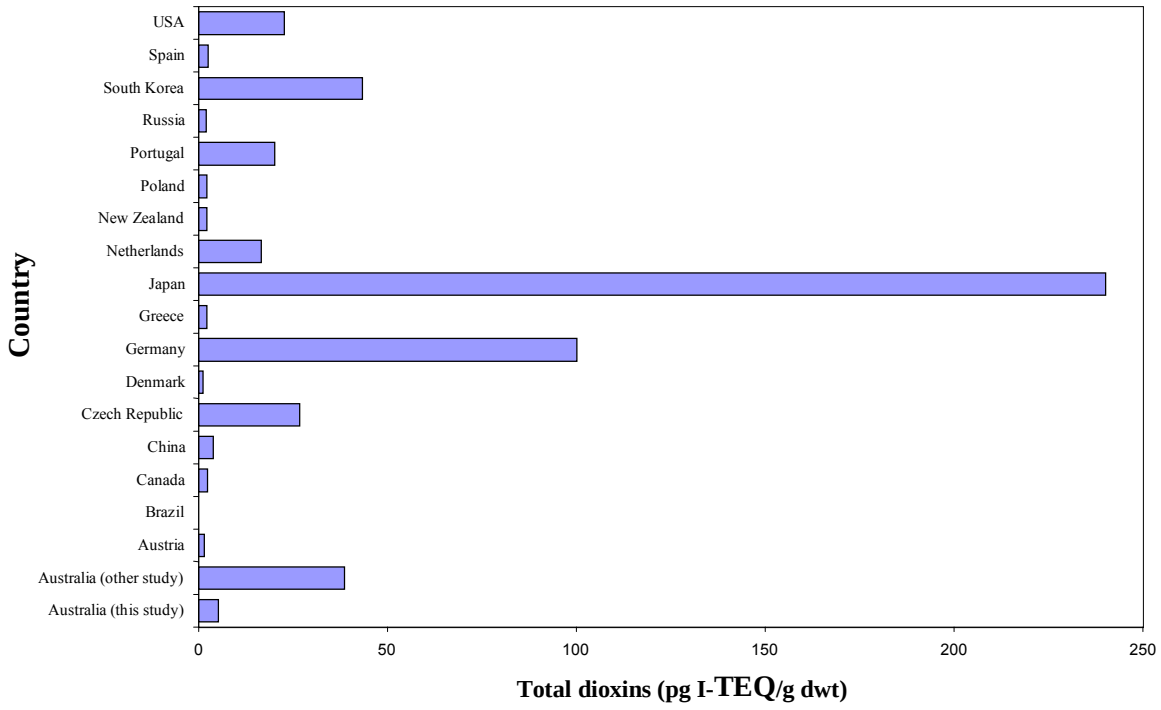

Figure 3-18 An international comparison of dioxin concentrations in soils from remote (reference) and agricultural land use sites.

Data from Müller et al, 2003b.

3.4.2 Estimation of dioxin intake from Australian soils

Direct human exposure to dioxins in soil can occur as a result of ingestion or by skin contact. Soil ingestion commonly occurs in young children during mouthing of toys or other objects, inadvertent hand-to-mouth transfer and as a consequence of non-sanitary eating habits. In addition, deliberate ingestion of soil (known as pica) has also been observed in young children. Although, soil ingestion also occurs in adults as a result of accidental hand-to-mouth transfer (eg. when eating or smoking), it occurs to a lesser extent in adults than in children. Direct skin contact with soils occurs in both adults and children with the extent of exposure dependent upon a number of factors including the surface area of exposed skin, the body part(s) exposed and the activity undertaken at the time of exposure.

Since a majority of the Australian population lives in urban areas that were sampled as a part of the study conducted by Müller et al (2003b), the mean lower and upper bound values for PCDD/F, PCB and total dioxins in urban soils were used to estimate the intake of dioxins from soil. The values used included the "high" PCDD/F TEQ and the resampled value for one of the sites in Hobart (see Table 3-27, row named "Urban[1]"). Formulae and assumptions used in the estimation of dioxin intakes from ingestion and estimated systemic exposure as a result of both ingestion and dermal contact with soils are given in Appendix XVII. Table 3-28 gives the estimate monthly intake of PCDD/F, PCB and total dioxins as a result of soil ingestion and Table 3-29 gives the estimated

mean monthly systemic exposure from both ingestion and dermal contact with soils and the total estimated exposure from soil.

Table 3-28 Estimated mean monthly intake of dioxins as a result of soil ingestion

Age	Bound	Mean monthly oral intake* (pg WHO-TEQ/kg bw/month)		
		PCDD/F	PCB	Total dioxins
Child	Lower	1.18	0.082	1.26
	Upper	1.20	0.082	1.28
Adult	Lower	0.063	0.0044	0.068
	Upper	0.064	0.0044	0.069

* 'oral intake' means amount ingested

Table 3-29 Estimated mean monthly exposure to dioxins as a result of soil ingestion and dermal contact with soil

Age	Bound	Mean monthly exposure* (pg WHO-TEQ/kg bw/month)								
		PCDD/F			PCB			Total dioxins		
		Oral	Dermal	Total	Oral	Dermal	Total	Oral	Dermal	Total
Child	Lower	0.59	0.141	0.73	0.041	0.046	0.087	0.63	0.187	0.82
	Upper	0.60	0.143	0.74	0.041	0.046	0.087	0.64	0.189	0.89
Adult	Lower	0.032	0.025	0.057	0.002	0.008	0.01	0.034	0.033	0.067
	Upper	0.032	0.025	0.057	0.002	0.008	0.01	0.034	0.033	0.067

* 'oral' exposure estimate assumes that 50% of dioxins ingested are systemically absorbed. See appendix XVI for formula and assumptions used for calculation of oral and dermal exposure.

The intake and systemic exposure estimates above are both likely to be overestimates since the mean TEQs for urban/industrial soils were higher than those for any other land uses sampled in the study by Müller et al (2003) and they included the "high" TEQ value from an urban site in Tasmania rather than excluding that value. Not all members of the general population would be exposed to soils containing dioxins at levels similar to those used for the intake/systemic exposure estimates. In addition, several conservative assumptions were used in calculating the intake/exposure estimates (eg. 24% or 30% of the total skin surface is exposed to the same amount of soil everyday for a lifetime).

As is the case with other components of this exposure assessment (eg. dietary exposure), comparisons between exposure assessments conducted by different groups/countries is complicated by differences in sampling, methodologies and assumptions used for intake estimates and calculating and reporting TEQs. Few other countries have undertaken soil monitoring and the estimation of dioxin intakes as a result of exposure to soil. Table 3-30 compares the intake estimates as a result of ingestion and dermal contact with soil (where available) from several countries.

The US EPA (2000) estimated exposure to dioxins from soil ingestion to be 0.063 pg WHO TEQ/kg/day (1.89 WHO-TEQ/kg/month) for children of 1-5 years of age and 0.0067 WHO TEQ/kg/day (0.201 WHO-TEQ/kg/month) for adults. A less recent

assessment conducted in the Netherlands estimated daily exposure to TCDD from ingestion of soil to be 0.1 pg I-TEQ/day (0.042 pg I-TEQ/kg/month for a 70 kg adult) (Theelen, 1991). Birmingham et al (1989) estimated intake of PCDD/Fs from soil ingestion by the Canadian population to be 0.02 pg I-TEQ/kg/day (0.6 pg I-TEQ/kg/month).

Exposure to dioxins as a result of dermal contact with soil in the USA was estimated as 0.0014 pg WHO-TEQ/kg/day (0.042 pg WHO-TEQ/kg/month) for children of 1-5 years of age and 0.0016 WHO-TEQ/kg/day (0.048 WHO-TEQ/kg/month) for adults (US EPA 2000). An assessment for the Dutch population estimated TCDD intake from dermal contact with soil as 0.15 pg I-TEQ/day (0.064 pg I-TEQ/kg/month for a 70 kg adult) (Theelen et al, 1991).

Table 3-30 An international comparison of dioxin intake estimates (for adults) as a result of contact with soils

Country	Mean monthly intake (pg WHO or I-TEQ/kg bw/month)		
	Oral	Dermal	Total
Australia (this report)[1]	0.069	0.033	0.102
Canada[2]	0.60	-	-
USA[1]	0.201	0.048	0.249
Netherlands[3]	0.042	0.064	0.106

[1]-total dioxins
[2]- PCCD/F only
[3]- TCDD only

3.5 Intake from Water and Sediments

Under the information gathering phase of the National Dioxins Program, the Department of Environment and Heritage commissioned a series of studies to determine the ambient environmental levels (air, water, soils and fauna) of dioxins in Australia. This section uses the data from the study that measured dioxin levels in the aquatic environment (Müller et al, 2003c) to assess human intakes of dioxins as a result of exposure to water, aquatic sediments and aquatic biota.

3.5.1 Water

One of the studies commissioned by the Department of Environment and Heritage measured ambient levels of dioxins in the aquatic environment in Australia. This study measured dioxin concentrations in aquatic sediment, but no water samples were collected for measurement of dioxins in water. Dioxins have very low water solubility and therefore dioxin concentrations in Australian water are expected to be very low and are unlikely to contribute significantly to the overall intake of dioxins.

In a recent human health and environmental risk assessment conducted in relation to an Australian site that may have been contaminated with dioxins (a decommissioned sewerage treatment plant), dioxin levels in ground water were insignificant. Therefore,

dioxins in ground water were not considered to be a significant source of human exposure (Gorman et al, 2003). This is supported by Canadian, German and American estimates of water intakes of PCDD/Fs of 0.1, 0.005 and 0.008 pg I-TEQ/day respectively (Liem and Rappe, 1998). These estimated intakes from water were one thousandth or less of the estimated overall intakes for dioxins. Furthermore, the US EPA's 2000 draft reassessment for dioxins reports dioxin levels in water as 0.0005 pg WHO-TEQ/L and estimates intake from water to be 0.000011 pg WHO-TEQ/kg/day. Therefore, the intake of dioxins from ingestion of water is considered to be negligible in Australia and will not be considered further in this report.

3.5.2 Sediments

The study to determine ambient levels of dioxins in the aquatic environment in Australia involved the collection of several thousand aquatic sediment cores from locations representative of major catchments according to priorities identified by the National Pollution Inventory. A range of samples were collected in freshwater, estuarine and marine locations. In addition to sediment samples, bivalve shellfish samples were also collected when available. Fish were also obtained through local commercial fishing industries with an emphasis on local catches of table species.

Dioxins were found in all Australian aquatic sediments analysed, with levels ranging from 0.002 pg WHO-TEQ/g dry weight (dwt) to 520 pg WHO-TEQ/g dwt. Highest levels were found in Sydney harbour in the sediments from the Parramatta River estuary (100 and 520 pg WHO-TEQ/g dwt) and the western section of Port Jackson (78 and 130 pg WHO-TEQ/g dwt), which is one of the most urbanised and industrialised regions of Australia. In addition, elevated concentrations were also found in other estuarine waters near Sydney (Botany Bay) as well as the estuaries in or near Brisbane, Melbourne, Hobart, Perth and Wollongong. Considering all sediment samples, the median concentrations were 0.2, 2.3 and 0.12 pg WHO-TEQ/g dwt in sediments from freshwater, estuarine and marine locations respectively. This is due to the association of higher densities of urban/industrial areas with estuarine waters compared to remote and agricultural areas (*i*.e. interaction between urban/industrial and estuarine waters). Urban/industrial locations had significantly greater levels of dioxin-like chemicals than samples from remote and agricultural locations. Further details of the dioxins in the aquatic environment are discussed in the environmental risk assessment.

Direct human exposure to aquatic sediments is not considered to be a widespread or frequent occurrence. If it does occur, the amounts of sediment to which people may be exposed is likely to be small and the duration of contact prior to removal is likely to be short. Therefore, the human health risk associated with exposure to dioxin contaminated sediments is likely to be negligible and will not be considered any further in this report. However, since aquatic biota may be exposed to contaminated sediment, there is potential for human dietary exposure to aquatic organisms such as fish and shellfish, which may bioaccumulate dioxins. Therefore, the results of the measurement of dioxins in fish and bivalves is considered, as follows.

Dioxins were detected in all 18 bivalve samples covering the different regions and various environments of Australia. Total dioxin levels ranged from 0.0068 – 3.4 pg

WHO-TEQ/g wet weight (wwt) with a mean of 0.69 pg WHO-TEQ/g wwt. Dioxins were detected in all 23 fish samples with levels ranging 0.054 to 0.85 pg WHO-TEQ/g wwt. As expected from the sediment results for the Sydney harbour area, highest levels of dioxin-like chemicals were found in a bivalve sample (1.2 pg WHO-TEQ/g wwt) and a fish sample (0.47 pg WHO-TEQ/g wwt) collected from Port Jackson. There was little difference between the lower bound and middle bound estimates for both bivalves and fish. A summary of dioxin concentrations in bivalves and fish collected as a part of this study is given in Table 3-31.

Table 3-31 Middle bound mean dioxin concentration in fish and shellfish in Australia (range of min-max)

Organism	PCDD/F (pg WHO-TEQ/g wet weight)	PCB (pg WHO-TEQ/g wet weight)	Total dioxins (pg WHO-TEQ/g wet weight)
Fish	0.083 (0.0051-0.48)	0.036 (0.0016-0.37)	0.12 (0.011-0.85)
Bivalves	0.27 (0.0041-1.3)	0.42 (0.0027-2.6)	0.69 (0.0068-3.4)

Although people would consume fish and shellfish caught in the areas covered by this study, the intake of dioxins from these sources has been considered as a part of the dietary intake assessment (Section 3.2.1.2). The dietary intake of fish assessed in that section incorporates both fish and shellfish. Therefore, it will not be further considered in this section. However, it is interesting to note that one of the fish fillets sampled in the food survey contained higher levels of dioxins than any of the fish samples measured in the aquatic monitoring study. Since the fish fillet with the high levels of dioxins was included in the dietary intake calculations, the intake from seafood taken from the most contaminated sites sampled in the aquatic monitoring study has been adequately modelled. Despite the higher levels of dioxins in seafoods as cf. other foodstuffs, the importance of including fish in a nutritious diet has been emphasized by many agencies and organisations (see eg. IOM, 2004).

3.6 Intake from Specific Exposure Sources

3.6.1 Industrial sources

The manufacture and use of chlorinated aromatic chemicals have been significant sources of dioxin-like compounds in the environment. In addition to the use of certain pest-control chemicals which were contaminated with dioxin-like compounds (see below), other chemicals such as the PCBs were deliberately manufactured and had industrial uses. Other industrial processes, such as the production of chlorine-bleached pulp, have also led to environmental contamination by PCDD/Fs as unwanted by-products.

Australia's National Pollutant Inventory (NPI) reports on estimates of emissions of chemical substances and where and from what sources they are generated. The NPI holds emission data reported by industrial facilities, and aggregated emission data collected by participating jurisdictions. Aggregated data cover smaller facilities that are not required to report, and mobile and non-industrial sources such as transport and

domestic activities. The accuracy of the NPI data varies according to the technique used to estimate releases. For the aggregated emissions data in particular, comparative analysis of the data may be misleading, because jurisdictions may have used different estimation techniques.

The Australian NPI provides an emission report for polychlorinated dioxins and furans; a summary of the data (reporting year 2002 - 2003) may be found *via* http://www.npi.gov.au/. 335 Facilities from 31 industry sources reported polychlorinated dioxins and furans emissions. Additional aggregated emission data were collected for 8 sources, for a total of 39 sources. Total mass emissions were estimated at 0.5 kg, of which virtually all was to air, less than 1% to land and virtually none to water. The percentage contribution from different sources was estimated to be as follows: backyard incinerators (31.6%); electrical equipment and appliance manufacturing (19.0%); basic non-ferrous metal manufacturing (10.3%); electricity supply (7.0%); burning (fuel reduction, regeneration, agriculture)/wildfires (5.2%); and 'other' (27.0%).

PCBs

The polychlorinated biphenyls or PCBs refer to a family of 209 congeners, that is, chemicals with the same basic structure, in which the biphenyl structure has chlorine atoms substituted for hydrogen atoms to varying degrees. Approximately 100 of these congeners are present in various technical mixtures of PCBs that were produced commercially in large quantities until the late 1970s. PCBs were used in electrical appliances, such as transformers and capacitors, hydraulic fluids, plasticisers and dye carriers. They are also generated and released into the environment as unintentional by-products of chemical manufacturing and incineration.

PCBs are amongst a broader group of harmful persistent organic pollutants (POPs) that are toxic, persist in the environment and animals, bioaccumulate through the food chain, and pose a risk of causing adverse effects to human health and the environment. Because of their physical characteristics, POPs are transported long distances and are often deposited in areas where they have never been used or produced. As discussed elsewhere in this document, some PCBs have dioxin-like characteristics. Concerns over the potential risks to health, food chain and environment led to a ban on the importation of PCBs and PCB-contaminated or PCB-containing equipment to Australia in the 1970s.

Australia has a PCBs Management Plan for disposal and destruction of PCBs. Details of the plan are available from the Department of the Environment and Heritage (DEH) website at www.deh.gov.au/industry/chemicals/scheduled-waste/pcbs/index.html.

3.6.2 Chlorinated pesticides - manufacture and use

The manufacture and use of chlorinated aromatic chemicals have been significant sources of PCDD/Fs in the environment. Such chemicals include the wood preservative and biocide pentachlorophenol (PCP) and the herbicide 2,4,5-trichlorophenoxyacetic acid (2,4,5-T).

Historically, higher-level exposures to PCDD/PCDFs in PCP and 2,4,5-T has probably been restricted to relatively small groups of people involved in the handling and use of the pesticides. For example, a study published in 1992 reported that the blood serum TCDD levels in pesticide applicators involved for many years in ground-level spraying of 2,4,5-T in New Zealand were significantly higher than those of a comparison group (Smith et al, 1992). PCP and 2,4,5-T are no longer approved for use in Australia.

2,4,5-T

The herbicide 2,4,5-T (2,4,5-trichlorophenoxyacetic acid) was introduced in the 1960s and was once used in Australia to control woody weeds such as blackberries. It is a relatively simple chemical that structurally mimics certain natural plant growth regulators. It is difficult to manufacture pure 2,4,5-T without some contamination by dioxins; TCDD alone is the major contaminant of 2,4,5-T (Schechter et al, 1998). Dioxin levels in 2,4,5-T were generally in the low ppm to high ppt range, with more recently produced batches typically contaminated at the lower levels. 2,4,5-T was withdrawn from use in the late 1980s and is no longer approved for use or marketed in Australia. Furthermore, 2,4,5-T with dioxin contamination is now strictly controlled in international trade through the UNEP Prior Informed Consent or PIC Procedure (the 'Rotterdam' Convention).

The links between dioxins and potential adverse health and environmental effects have been established for well over 20 years. With respect to dioxin contamination of 2,4,5-T, appropriate controls to protect human health were established in the early 1970s via standards set by the National Health and Medical Research Council (NHMRC). In 1975, the NHMRC established a maximum level of dioxin contamination in 2,4,5-T of 0.1 mg/kg (100 ppb). In 1982, this level was lowered 10-fold to 0.01 mg/kg, reflecting improved analytical capability to monitor dioxin levels in technical-grade 2,4,5-T. At the time, both these standards were considered adequate to protect the health of agricultural workers and the public. Illegally imported batches of chemical which have been the subject of a Western Australian (WA) investigation have been reported as containing 200 times the 1975 standard, although definitive evidence that such contaminated 2,4,5-T was used in the Agricultural Protection Board spraying program is lacking.

The Western Australian Parliament conducted an inquiry into a government weed control program undertaken by the Agriculture Protection Board (APB) from 1975 to 1985 in the Kimberleys and other regions of WA. It has been suggested that some of the 2,4,5-T used may have been heavily contaminated by dioxins, with some evidence indicating that contaminated stock may have been illegally imported from about 1969 to 1971. Apart from the formation of toxic dioxins during manufacture of 2,4,5-T, if pure 2,4,5-T is subjected to high temperatures (eg. as in a factory fire, which may have been the case with contaminated material imported into Western Australia), 2,4,5-T molecules can chemically combine to form dioxins. This is also the case with its immediate precursor, 2,4,5-trichlorophenol (TCP).

An Occupational Health Physician, Dr Andrew Harper, interviewed 90 former Agricultural Protection Board (APB) employees involved with this Government

spraying program. His report, the Kimberley Chemical Use Review (Harper, 2002), concluded that exposure to unregulated levels of dioxins could not be ruled out. Whilst Dr Harper acknowledged that the review was not a scientific investigation, he found an association between illness and exposure to herbicides and considered that about one third of those interviewed had developed a chronic disability that was possibly or probably attributable to these chemicals. He also suggested that longer serving workers may have been more commonly affected. The WA State Government considered that further evaluation was required before the conclusion of this review that "illness developed in association with the spray" could be accepted. Consequently, an Expert Medical Panel was appointed to evaluate the results of the review. The Panel, chaired by Bruce Armstrong, Adjunct Professor of Epidemiology at the University of Sydney and Director of the NSW State Cancer Council's Epidemiology Unit,
produced an interim progress report, the Interim Report of the Expert Medical Panel to Evaluate the Kimberley Chemical Use Review Recommendations , which was tabled in the WA Legislative Council on 13th March 2003. The Panel requested that additional work be undertaken, including further analysis of data on the health status of former APB employees, and a review of the risk assessment and adverse event reporting mechanisms for chemicals used in agricultural protection programs. The Panel subsequently re-convened to consider this information and a further report was forwarded to the WA Cabinet in February 2004. The final report of The Expert Medical Panel to Evaluate Recommendations of the Kimberley Chemical Use Review, dated December 2003, was published on the internet on 27th February 2004 (accessed via http://www.ministers.wa.gov.au).

The Panel concluded the following:

1. Based on published evidence identifying a 'probable' link between exposure to chlorphenoxy herbicides containing TCDD and an increased overall cancer risk; the likelihood that spray workers were highly exposed to the herbicide (which may or may not have contained unregulated levels of TCDD); and evidence that APB workers have experienced a somewhat higher incidence of cancer than the community overall, albeit not statistically significant, the Panel concluded that "APB workers may suffer or may have suffered already an increase in the risk of cancer due to their exposure to herbicides containing the dioxin TCDD in the spray program". With respect to cancers, 17 APW workers were matched to people on the WA Cancer Registry, with 18 cancers; only two cancers (non-Hodgkin lymphoma and one which might have been a retroperitoneal soft-tissue sarcoma) were of a type linked to exposure to chlorphenoxy herbicides or TCDD. With respect to all cancer incidence cf. a comparison Kimberley population, a high degree of uncertainty about the true difference is due to the small number of observed cancer cases in the APB cohort.

2. The symptoms of ill health that the APB workers reported do not form a pattern such as to suggest that they were directly caused by their exposure to herbicides during their employment in the spray program. Furthermore, the symptoms of anxiety and depression reported by the APB workers were no more prevalent in the APB workers than in the general community; hence they are unlikely to be due to their employment in the spray program.

3. Little evidence was available to determine whether or not the APB workers have experienced increased rates of a number of other conditions that might possibly be caused by exposure to chlorphenoxy herbicides containing dioxins. No cases of chloracne were reported to have been diagnosed in APB workers; a definitive diagnosis of this condition would have indicated exposure. For diabetes, possibly associated with exposure to dioxins (see Chapter 2), its prevalence in the Australian aboriginal population is high and any additional effect from dioxin exposure would be very difficult to distinguish. In fact, expected deaths from diabetes in the indigenous population was "appreciably" greater than that actually observed in APB workers.

4. On the basis of a best estimate Standardised Mortality Ratio (SMR) of 1.09 (95% CI = 0.79-1.42), the Panel concluded that there was no strong evidence to suggest that the mortality in APB workers was higher than in the general Kimberley population.

5. A majority of the Panel recommended that a survey of serum TCDD levels be conducted in APB workers and a comparison population in the Kimberley. The results of such a survey could strengthen the evidence for the Panel's conclusion that APB workers may suffer or may have already suffered an increase in the risk of cancer due to their exposure to herbicides.

In its response, the Government of WA advised that it would act expeditiously through the workers' compensation system to assist APB workers diagnosed with cancer. Specifically, "the Government employer (APB) and insurer (RiskCover) will accept that cancers diagnosed in a former worker in the Kimberley weed spraying program, now or in the future, and assessed as being linked to 2,4,5-T herbicide use, will be eligible for consideration for compensation".

Pentachlorophenol

The historical use of pentachlorophenol (PCP) in the timber industry has resulted in occupational exposure to PCDD and PCDFs for some timber workers. It appears that the higher chlorinated (five to eight chlorines) PCDDS and PCDFs are found at elevated levels (Schecter et al, 1998). PCP was widely used both for anti-sapstain treatment for the interim protection of freshly sawn timber against fungal staining and as a permanent timber preservative. In addition to acute health effects of PCP exposure (including eye irritation, upper and lower respiratory tract irritation and skin changes such as burning, irritation and dermatitis), effects of contaminants such as dioxins were of concern. Whilst there does not appear to be any firm evidence of significant long-term health effects from the use of PCP, the possibility of such effects cannot be excluded.

Chlorinated phenols such as PCP were widely used in Australia to protect softwood timber from decay. In 1996 the then Department of Health and Family Services provided written comments to the Australian Pesticides and Veterinary Medicines Authority (APVMA; then the National Registration Authority for Agricultural and Veterinary Chemicals, or NRA) on acceptable levels of microcontaminants in PCP. The

impurities of concern in PCP were hexachlorobenzene (HCB) and dioxins, in particular tetrachloro-dibenzodioxins (TCDDs) and hexachloro-dibenzodioxins (HCDDs). Impurity limits were proposed, in the interests of ensuring that the Australian standard for dioxins and HCB impurities were at the lowest levels that can be achieved in the manufacturing method. However, at that time, it appears that PCP and pentachlorophenoxide were exempt from NRA requirements for technical-grade active constituent approval and thus these recommendations were not further considered. A search of the APVMA's pesticide products database indicates that, whilst there were two old PCP-containing wood-treatment products on the database in 1996, there are now no such registered products on the Australian market. However, PCP may be available in Australia for industrial and manufacturing purposes, and inappropriate continued use from stored stocks cannot be discounted.

With regard to those workers who have been exposed to PCP contaminated with dioxins, it is likely that they have concentrations of these chemicals in their blood higher than those in the general population. Whether or not they have experienced symptoms and health effects at these concentrations is unknown. Although PCDD/Fs gradually break down and are eliminated from the body, because these chemicals have long half-lives these workers can continue to be exposed for quite some years after workplace exposure ceased.

Other pesticides

As part of an ongoing review of 2,4-D, targeted for completion in 2004, Canada's Pest Management Regulatory Agency (PMRA) has found that in addition to 2,4,5-T and pentachlorophenol (PCP), pesticides known to be contaminated with dioxins, several other pesticides currently used in Canada may contain traces of dioxin and furans. Dioxins were found in 2,4-D although not in amounts causing any environmental concern. Other pesticides reported as containing dioxin include chlorthal-dimethyl (also known as dimethyl tetrachloroterephthalate, Dacthal or DCPA), dicamba, dichlorprop (2,4-DP), hexaconazole, MCPA, mecoprop and quintozene. This issue is being examined by the Australia's pesticide regulator, The Australian Pesticide and Veterinary Medicines Authority (APVMA). A Canadian media report of the PMRA finding also listed "dichlorophenoxyl-phenol" as one of the pesticides; this appears to be an incorrect reference to 5-chloro-2-(2,4-dichlorophenoxyl) phenol (i.e. the disinfectant 'Triclosan') which may contain traces of several non-toxic dioxin congeners. The issue of impurities in Triclosan has been previously investigated by NICNAS within DoHA's Office of Chemical Safety.

3.6.3 Cigarettes

Dioxins are a natural product of the combustion of organic material. The amount of dioxins formed depends principally on: (1) high temperature processes and/or incomplete combustion; (2) the presence of organic carbon; and (3) the presence of chlorine (either in organic or inorganic form). The presence of materials containing dioxins will obviously also increase the release of these substances during the combustion process (UNEP Chemicals, 2003).

Tobacco leaf naturally contains both organic carbon and chloride ions (regardless of the presence or absence of pesticide residues or chemical/flavouring additives in the tobacco) and consequently, as for any thermal process, “combustion” of cigarettes and cigars produces dioxins.

Investigations of the ten most popular brands smoked in Germany gave “emissions” of 0.1 pg I-TEQ/cigarette (Ball et al, 1990). There were no results from cigars, but given the greater quantity of tobacco present in a cigar (2 - 20 times that of a cigarette), a value of approximately 0.3 pg I-TEQ is reasonable.

Lofroth and Zebuhr (1992) report dioxin concentrations in both mainstream and sidestream smoke from one brand of Swedish cigarettes as approximately 1 pg I-TEQ per cigarette for mainstream smoke (smoke from 20 cigarettes; one 2-second puff of 35 ml, each minute) and 2 pg I-TEQ per cigarette for sidestream smoke. No individual isomer made up more than 20% of the total dioxin content with most isomers below the detection limits of 0.3 – 1.3 pg. These values are about 10-times those reported in the German study, although the congener profiles were relatively similar. Dioxins have also been reported in tobacco smoke by Muto and Takizawa (1989).

In Australia, recent estimates (November 2002) suggest that approximately 1/5th (19.8%) of the population smoke (Wakefield & Bobevski, 2003). The average number of cigarettes smoked per day (factory made and 'roll-your-own'), including those who smoke on a daily or weekly basis, is 14.4 ($\pm$ 12.2 SD; n = 1,585) and for daily smokers, 15.7 + 12.2 (n = 1,414).

Assuming an intake per cigarette of between 0.1 - 0.5 pg TEQ (the upper value assuming inhalation of 50% of mainstream smoke containing 1 pg TEQ/cigarette; see above) would give a daily inhalation intake for an 'average' smoker of around 1.5 - 7.5 pg/day. Assuming 100% uptake *via* the lungs (see Section 3.3) means that the systemic exposure estimate would be the same. Ball et al (1990) estimated that smoking 20 cigarettes/day could result in a TEQ intake (PCDD/Fs) of up to 3 pg/day.

A daily inhalation intake for an 'average' smoker of around 1.5 - 7.5 pg/day is equivalent to ca. 0.5 - 3.0 pg/kg bw per month (assuming a bodyweight of 70 kg). While it is not clear whether the cigarette TEQs from the published literature are based on lower bound or upper bound estimates, they may be crudely compared with the mean estimated intake of PCDD/Fs from food in Australia of 0.9-10.2 pg WHO-TEQ/kg bw per month (lower bound and upper bound means for the population greater than 2 years old; see Section 3.2.1). This means that with an intake from smoking possibly being 1/3rd of that coming from food, smokers are likely to have a measurably elevated dioxin intake cf. non-smokers. This intake comparison is consistent with the US intake estimate, with PCDD/F exposure *via* cigarette smoking representing "over 10 percent of the average daily background dose of CDD/CDFs from soil, air, water and foods" (US EPA, 2000).

Non-smokers are also likely to be exposed to dioxins from passive intake of cigarette smoke. However, individual exposure to so-called 'sidestream' smoke is much more variable than the exposure of smokers themselves since it depends on a person's proximity to smokers, how often they are near smokers, and the extent of ventilation in

the smoking area. These extra uncertainties mean that it is not feasible to reasonably estimate the contribution of inhaled sidestream smoke to dioxin intake.

Whilst we do not have any experimental data in animals on the cancer risks from inhalation exposure to dioxins, available evidence suggests that for smokers, the health risks from other toxic and carcinogenic components of cigarettes far outweigh the likely health risk from the PCDD/Fs. However, it appears that encouraging people to give up smoking would help to reduce their body burden of dioxins; in young women in particular, smoking has the potential to increase their tissue levels of dioxins which can ultimately transfer to any future offspring *via* prenatal (transplacental) and postnatal (breast feeding) routes.

In view of the age of the available studies on dioxins in cigarette smoke (Ball et al, 1990; Lofroth & Zebuhr, 1992; Muto & Takizawa,1989), this could be an area for further investigation eg. laboratory experiments to accurately quantify release from burning cigarettes and epidemiology studies to see if cigarette smokers do indeed have higher body burdens of dioxins cf. matched controls (ie. to clearly ascertain whether cigarettes are a dioxin-source problem or not).

3.7 Exposure Estimates from All Sources

3.7.1 Estimated intake of dioxins from all sources

The total dioxin intake for the Australian adult population can be estimated by adding the estimated intakes from all sources of exposure. Table 3-32 gives the estimated PCDD/F, PCB and total dioxin intakes from air, food, soil and water, and the total estimated intake of dioxins for Australian adults. From this data it can be seen that intake from food represents between 95% and 99% of the total intake of dioxins, with intake from contact with soils and breathing of air representing 5% or less of the total intake of dioxins for Australian adults.

Table 3-32 Estimated exposure of Australian adults to dioxins from all sources

Source of exposure	Total intake (pg WHO TEQ/kg bw/month)					
	PCDD/Fs		PCBs		Total dioxins	
	Lower bound	Upper bound	Lower bound	Upper bound	Lower bound	Upper bound
Air[1]	0.104	0.111	0.016	0.017	0.120	0.127
Food[2]	0.9	10.2	2.8	5.4	3.7	15.6
Soil[3]	0.057	0.057	0.01	0.01	0.067	0.067
Water[4]	-	-	-	-	-	-
TOTAL	1.06	10.37	2.83	5.42	3.89	15.79

[1]- mean of adult male and female intake for urban airshed exposure
[2]- all Australians 2+ years of age, lower and upper bound estimates use LOQ rather than LOD
[3]- total of both dermal exposure and ingestion of soil from urban sites
[4]- intake from water was not estimated but is expected to be negligible (see Section 3.5.1)

The intake estimates given in Table 3-32 do not include an estimate of dioxin intake from cigarette smoking. Cigarette smokers will have a higher intake of dioxins than

non-smokers. Section 3.6.3 estimates a smoker's intake of PCDD/Fs from cigarette smoke as 0.5-3.0 pg
I-TEQ/kg bw/month, which is up to approximately one third of the upper bound PCDD/F intake estimated from food. No data were available on PCBs in cigarette smoke. Assuming that the PCB intake of a smoker is the same as a non-smoker, then a conservative upper bound estimation of the total dioxin intake of an average smoker is approximately 19 pg TEQ/kg bw/month.

Table 3-33 gives the estimated PCDD/F, PCB and total dioxin intakes from air, food, soil and water, and the total estimated intake of dioxins for young children in Australia. From this data it can be seen that intake from food represents between 86 and 97% of the total intake of dioxins, while intake from contact with soils and breathing of air represents between 3 and 14% of the total intake of dioxins.

The estimated total dioxin intakes of young Australian children are higher than those of the Australian adult population. This is expected since children have higher levels of food consumption relative to body weights than adults and intake from food represents the greatest source of exposure to dioxins. The estimated total dioxin intake from air is only slightly higher in young children than adults, but young children have significantly higher intakes of dioxins from soil since they have the potential to ingest much more soil than adults.

Table 3-33 Estimated exposure of young children in Australia to dioxins from all sources

Source of exposure	Total intake (pg WHO TEQ/kg bw/month)					
	PCDD/Fs		PCBs		Total dioxins	
	Lower bound	Upper bound	Lower bound	Upper bound	Lower bound	Upper bound
Air[1]	0.174	0.185	0.027	0.028	0.202	0.213
Food[2]	1.9	25.0	4.3	11.8	6.2	36.7
Soil[3]	0.73	0.74	0.087	0.087	0.82	0.83
Water[4]	-	-	-	-	-	-
TOTAL	2.80	25.92	4.41	11.91	7.22	37.74

1- intake of 1-year old child for urban airshed exposure
2- children 2-4 years of age, lower and upper bound estimates use LOQ rather than LOD
3- total of both dermal exposure and ingestion of soil from urban sites by a child 2-3 years of age
4- intake from water was not estimated but is expected to be negligible (see Section 3.5.1)

Other than the US EPA's (2000) comprehensive human exposure and health assessment, there are few recent, readily available multimedia dioxin health risk assessments that have been conducted by other countries. Liem and Rappe (1998) compared estimated daily exposures to PCDD/Fs in Canada, Germany, the Netherlands, the United Kingdom and the United States of America. However, these estimates were based on data collected in the late 1980s or early 1990s and several studies have shown that human exposures to dioxins have declined significantly since then, making it inappropriate to compare data collected approximately a decade apart (Codex Alimentarius Commission, 2003; European Commission, 2002; Food Standards Agency (UK) (2003); US EPA, 2000; Malish and Van Leewen, 2003).

Table 3-34 compares the recently estimated intake of dioxins in Australian and US populations with a US estimate of PCDD/F intake prepared in 1994 (US EPA, 1994). The data illustrate the decline in PCDD/F intake that has occurred in the USA since the early 1990s and shows that the current Australian dioxin intake estimates are lower than the recent US EPA estimates, even allowing for the fact that the Australian upper bound mean is being compared with the US middle bound mean. The PCDD/F intake estimates made in the late 1980s/early 1990s for 4 other countries and reported by Liem and Rappe (1998) were similar to those in the USA measured at about the same time (US EPA, 1994).

Table 3-34 Estimated adult intakes of dioxins from all sources: a comparison of recent Australian and American estimates with an American PCDD/F intake estimate from 1994.

Source of exposure	Total intake (pg WHO TEQ/kg bw/month)						
	PCDD/Fs			PCBs		Total dioxins	
	Australia 2004[1]	USA 2000[2]	USA 1994[3]	Australia 2004[1]	USA 2000[2]	Australia 2004[1]	USA 2000[2]
Air	0.111	0.69	0.94	0.017	-	0.127	0.69
Food[4]	10.2	16.7	49.7	5.4	10.2	15.6	26.76
Soil[5]	0.057	0.249	0.34	0.01	-	0.067	0.249
Water	-	0.0003	0.003	-	-	-	0.0003
TOTAL	10.37	17.7	51.4	5.42	10.2	15.79	27.9

[1]-upper bound mean
[2]-middle bound mean, except soil which is lower bound mean
[3]-middle bound I-TEQ estimate
[4]-total intake from all foodstuff
[5]-includes dermal and ingestion intakes for Australia 2004 and USA 2000 and soil ingestion for USA 1994

The intake estimates given in Tables 3-32 and 3-33 were calculated by combining the measured dioxin concentrations in environmental media and food with the estimated extent of contact (by ingestion, inhalation, dermal contact etc) with the media (see Sections 3.2 to 3.6). This approach gives the estimated current intake of dioxins in the Australian population.

Since dietary intake contributes by far the greatest proportion of the total intake of dioxins, the variability and uncertainty associated with the dietary intake assessment are the factors most likely to impact significantly on the overall intake assessment. In general terms, the major sources of uncertainty associated with the dietary intake assessment are those related to the analysis of dioxins in foodstuffs and those related to assumptions used in the dietary exposure modelling. Examples of some of the possible sources of uncertainty include the use of upper bound estimates (which generally leads to an overestimate of intake), the use of 24-hour recall survey data, the limited range of foodstuffs analysed and assumptions that certain foods that were not analysed contain dioxins at the same levels as similar foods that were analysed. For further details of some of the assumptions and uncertainties associated with dietary intake assessment see Section 3.2 and FSANZ (2004).

Other sources of uncertainty associated with the estimation of dioxin intake from all sources include the use of several default parameters for assessment of intakes from soils and air eg. assumptions about population average body weights and body fat percentages, air intake volumes, extent of contact with soils, the half- life of dioxins in the human body etc. Another potential source of uncertainty is the possible omission of a significant, but unidentified source of dioxin intake. Overall, the use of conservative assumptions, in particular the use of upper bound estimates for intake calculations, is most likely to have resulted in an overestimate of dioxin intake by the Australian population.

3.7.2 Estimating intake from measured body burdens

An alternative approach to investigating the exposure of the Australian population to dioxins is to estimate the average lifetime daily exposure (ALDE) from the measured body burdens of dioxin using a simple pharmacokinetic model. This approach to estimating dioxin intake is detailed in Section 3.1.1.5, and is based upon the fact that, assuming a steady-state between intake and excretion, a theoretical estimated average daily intake which would lead to a measured body burden can be calculated. Estimation of the total body burden of dioxins takes advantage of the fact that the concentration of these compounds in fat is constant throughout the body. Thus, whatever fat sample is used (eg. fat in blood or breast milk samples) gives an estimate of the concentration in all fat in the body. Then, using data on the percentage of total body weight which is made up of fat, the total body burden of dioxin can be easily estimated.

The ALDE estimated across all age groups to achieve the measured blood levels of dioxins was 1.3 pg WHO-TEQ/kg bw/day (40 pg WHO-TEQ/kg bw/month). This is approximately 2.5 times higher than the total dioxin intake estimate for adults calculated from current levels in food and the environment (15.7 pg WHO-TEQ/kg bw/month). The US EPA (2000) found daily dioxin intake estimated on the basis of blood serum data was approximately 2.2 times higher than the dioxin intake estimated from current levels in food and the environment. This difference is expected since the intake estimate based on blood serum measurement reflects past exposures to dioxin levels in food and the environment, which were higher than current levels (as outlined above and in Section 3.1). In addition, there is likely to be significant variability and uncertainty associated with each of the estimates.

It will be apparent that the calculations of TEQ intakes show that infants and children have higher intake rates than adults on a bodyweight basis (for reasons given in Section 3.7.1), yet simple ALDE calculations indicate the opposite. The reasons for this apparent discrepancy in the ALDE calculations include the fact that environmental levels of dioxin-like compounds were higher in the past than they are at present and thus adults have had proportionately greater exposure than younger people ie. given that the annual exposure to dioxin-like compounds has decreased over the decades, a back calculation using body burden in older age groups would be expected to yield a higher estimate of ALDE than one done for a younger age group that is only affected by more recent intakes. Furthermore, this simple steady-state model makes the assumption of constant half-life over the lifetime of an individual, an assumption which is very unlikely to be correct. If the average half-life increases with age, as expected with reduced fecal excretion and changing metabolism of dioxins (see discussion at Section 3.2.3), then a higher ALDE would be calculated for the younger, and a lower ALDE would be calculated for the older age categories ie. the discrepancy in ALDEs between the age groups would be much less apparent.

Thus, the use of a simple steady-state model which assumes a constant elimination half-life for dioxins in the human body regardless of its age or physiological status, can at best provide only a relatively crude back-estimate of a daily dioxin intake which may have led to a measured body burden at a particular time in life.

4. Health risk assessment

4.1 Health Risks for the General Population

4.1.1 Dietary exposure as a proportion of the Tolerable Monthly Intake (TMI)

Figure 4-1 shows the mean estimated monthly exposure to total dioxins for the range of population groups aged 2 years and above expressed as a percentage of the TMI. Appendix XVIII contains detailed tables of the mean and 95th percentile exposure results, as a percentage of the TMI, for PCDD/F, PCBs and total dioxins.

In all cases, the mean and 95th percentile estimated dietary exposure to total dioxins for all age-gender categories (from 2 years and above) were below the TMI of 70 pg WHO-TEQ/kg bw/month. Across all age groups from 2 years and above, the estimated mean exposure to total dioxins was between 5% (lower bound) and 22% (upper bound) of the TMI. The 95th percentile exposure for the same population was between 23% (lower bound) and 58% (upper bound) of the TMI. For the population groups representing the younger members of the population, the mean and 95th percentile dietary exposure estimates are higher percentages of the TMI, as a result of their lower bodyweights and a higher proportion of milk and dairy products in their diets.

The mean estimated dietary exposure for infants aged 9 months (fed 50% infant formula/ 50% solids, see Section 3.2.1.2) as a percentage of the TMI was considered separately from other population groups since this was derived using a different methodology and cannot be directly compared to other population groups. For this population group, the 95th percentile exposures were not calculated (see Section 3.3 for discussion). Estimated mean exposure to total dioxins for infants aged 9 months was 17% (lower bound) to 87% (upper bound) of the TMI. Infants at this age had the highest calculated mean exposure to total dioxins as a percentage of the TMI because of their high food consumption relative to body weight.

It is apparent that the estimated dietary intake vs age gives a different picture from that obtained when average lifetime daily exposures (ALDEs), which are back-calculated from measured dioxin body-burdens using a simple steady-state model, are plotted vs age. The errors and uncertainties in the simple model used for ALDE calculations are given in sections 3.1.1.5 and 3.7.

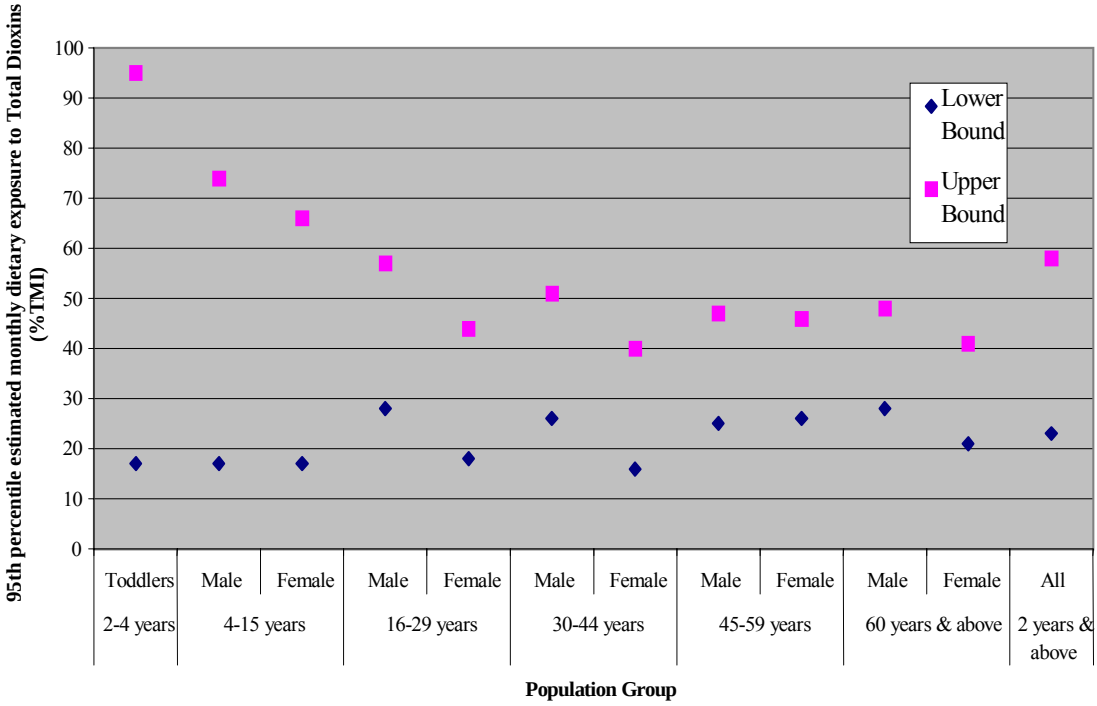

Figure 4-1 Mean estimated dietary exposure to total dioxins as a percentage of the TMI

Lower Bound – assumes results reported as being below the LOQ are zero.
Upper Bound – assumes results reported as being below the LOQ are at the LOQ.
Australian TMI = 70 pg TEQ/kg bw/month.
Dioxins = sum of intakes of PCDD/F and PCBs.
Estimated dietary exposures are based on food consumption data from the 1995 NNS

4.1.2 A comparison of intake from all sources with the TMI

The potential risk to the health of the general public as a result of exposure to dioxins can be estimated by comparing the current exposure estimates (outlined in Section 3.7) with the tolerable monthly intake (TMI) for dioxins. The upper bound mean total dioxin intakes for adults and young children (approx. 1-4 years of age) in Australia were 15.6 and 37.5 pg WHO-TEQ/ kg bw/month respectively. These estimates of intake represent 22% and 54% of the TMI of 70 pg WHO-TEQ/kg bw/day respectively. However, it should be noted that the upper bound intake estimates given in Section 3.7 are likely to be conservative overestimates, therefore the average intake by these two age groups is likely to be less.

Since the TMI is determined on the basis of the most sensitive adverse effects observed in animal studies and includes an appropriate safety factor, it is considered unlikely that the estimated average dioxin exposure of the Australian population (1+ years of age) would result in any appreciable health risk. However, because there are uncertainties in our understanding of the health effects that may be associated with exposure to dioxins, higher margins of safety are desirable to further reduce the potential for any possible risk to public health as a result of such exposure.

The intake from all sources was not calculated for children <1 year of age. However, the discussion in Section 4.1.1 about the dietary intake of a 9-month old infant fed 50% infant formula and 50% solids indicates that the total dioxin intake of this group of the population (fed this diet) is likely to be slightly lower than the TMI. It should be noted that the intake of infants is likely to have been overestimated and infants would only be exposed at these levels for a small proportion of the total lifetime. Section 4.2 includes further discussion of the potential for health risks in breast-fed infants.
In addition to the average exposures of the Australian population there may be certain segments of the population that could have exposures somewhat higher than the general population as a result of occupational exposure, smoking or elevated dietary exposure to certain foods that may contain high levels of dioxins. The potential health risk for segments of the population that may have elevated exposure to dioxins is detailed in Section 4.2.

4.1.3 Cancer risk

The IARC and other agencies/organisations have concluded that the available epidemiology data suggest that TCDD is likely to be a human carcinogen. Statistically significant increases in risks for all cancers were found in highly exposed workers with longer latency periods. Although the estimated Standardised Mortality Ratios (SMRs) for cancer were consistent across studies with the highest exposures, they were generally low.

A number of national agencies have endeavoured to provide quantitative estimates of cancer risk, based on low-dose extrapolation from both animal and human data. In view of the ongoing debate about the existence of a threshold level below which dioxins will not increase cancer risk, about the potency of the various dioxins, furans and PCBs in causing cancer, and the variability in various quantitative risk estimates, this assessment has not endeavoured to conduct a quantitative risk assessment. The available data from high dose animal studies and studies of human occupational and accidental exposures cannot be extrapolated quantitatively with any confidence down to values corresponding to the background exposures of the general population.

However, it is noted that the body burden of dioxins in the general population is several orders of magnitude lower than the body burdens of the most highly exposed industrial cohorts or by the neighbouring population during the industrial accidental exposure at Seveso (eg. Kogevinas, 2000), where there is evidence of some increased cancer risk. Although the excess cancer risk at the highest exposures in human epidemiology studies are statistically significant, most assessments of the cancer risks posed by dioxins note that these results need to be evaluated with caution as the overall risks are not high and the strongest evidence was for industrial populations with high exposures to dioxins, and also with heavy exposure to other chemicals. Furthermore, lifestyle factors such as smoking were not evaluated. JECFA also noted, *inter alia*, that there were few precedents of carcinogens that increase the risk for cancer at all sites combined, with no excess risk for any specific tumour predominating.

In the high-exposure industrial cohorts studied by IARC (IARC, 1997), blood lipid levels estimated to the last time of exposure were 2000 ng/kg (mean, with levels up to

32,000 ng/kg; US cohort), 1434 ng/kg (geometric mean, range 301 - 3,683 ng/kg; Dutch cohort), 1008 ng/kg (geometric mean; German workers with severe chloracne), and up to 2252 ng/kg (Boehringer cohort, Germany). The mean serum concentration across the Australian population was determined as 10.9 ng WHO-TEQ/kg on a lipid-adjusted basis (range: 4.6-28 ng WHO-TEQ/kg lipid). Thus, the workers in the industrial cohorts studied were exposed to TCDD levels two to three orders of magnitude higher than those experienced by the Australian population

The exposure of Australians to dioxins may also be compared to the levels required to cause tumours in laboratory animal studies. In 2001 the Joint FAO/WHO Expert Committee on Food additives (JECFA) noted that in a long-term carcinogenicity study in rats in which the incidence of liver tumours was increased over that in controls, the LOEL of 10 ng/kg bw/day for TCDD corresponded to a steady-state body burden of 290 ng/kg bw/day. In order for humans to attain a similar steady-state body burden, they would have to have a daily intake of 150 pg/kg bw (FAO/WHO, 2002), equivalent to 4,500 pg/kg bw per month. As estimated above, the upper bound mean total dioxin intakes by young children (1-4 years of age) and adults in Australia were 37.5 and 15.6 pg WHO-TEQ/ kg bw/month respectively. The margin of safety between these values is greater than immediately apparent if one takes into account the conclusion that rats are likely to be somewhat more sensitive than humans to the carcinogenic effects of TCDD (see 'Hazard Assessment' at Section 2) and the fact that the human intake is expressed as WHO-TEQ (total dioxin-like compounds) while the rats study was conducted using the most potent dioxin, TCDD.

As discussed in Section 2 ('Hazard Assessment') the Tolerable Monthly Intake value established on the basis of non-cancer effects is sufficiently protective to guard against any carcinogenic risk. This conclusion has been reached by the JECFA, the EC-SCF, the US SAB Panel, and other independent risk assessors.

4.2 Health Risks for Specific Population Sub-Groups

4.2.1 Breast-fed infants

As noted in Section 3.2.3, since infants have a high dietary intake and low bodyweight, they have higher exposures to food contaminants per kilogram of body weight than adults. Since human breast milk generally contains higher dioxin levels than infant formulas (which are based on plant-derived oils rather than animal fats), there are some concerns about breast-fed infants receiving a higher intake of dioxin-like compounds than formula-fed infants. However, data assessed in Section 3.2.3 indicate that, compared with intake estimates for breast-fed infants from other countries, estimates of intakes by Australian infants were the lowest amongst those countries for which data were retrieved.

Notwithstanding this, it is noted that during the breast-feeding period, absolute intake of dioxins is likely to be higher in breast-fed infants than formula-fed infants[27], while the

[27] A peer-review comment was that the breast milk comparison should be with "low levels/natural levels" in breast milk rather than with levels in formula. The difficulty arises in ascertaining what is a "natural"

estimated intake per kg bodyweight is clearly likely to be higher than dietary intakes of dioxins for the rest of the Australian population. Available evidence does suggest, however, that dioxin intake for breast-fed infants diminishes over time. This can be explained by the observations that the dioxin concentration in maternal milk decreases during lactation, that the excretion rate of dioxins is higher in infants than in adults, and the fact that food intake per unit body weight and per unit total body fat decreases with age (attributed to the rapidly increasing body weight and lipid volume of the growing infant).

At issue is whether there are likely to be any developmental consequences of a period of somewhat higher exposure to dioxin-like compounds during breast feeding as cf. formula-fed infants. In order to help answer this question, a number of studies have been conducted.

A 1997 Dutch review (Cuijpers et al, 1997) of four epidemiological studies published between 1984 and 1996 (referred to as the Michigan study, the Rotterdam/Groningen study, the Amsterdam study, and the North-Carolina study) led the reviewers to conclude that these studies did not indicate any adverse effect of postnatal exposure *via* mother's milk to dioxins, furans and PCBs on the postnatal development of children. While the authors of the reviewed studies suggested that neurotoxic effects in children exposed to relatively high prenatal levels of dioxins could not be excluded, Cuipers and co-authors opined that this conclusion remained to be demonstrated. At best, the results of the epidemiological studies served a function in the identification of possible hazards of dioxins but could not be used for any quantitative risk assessment purposes.

A large prospective follow-up study, the "Dutch PCB/Dioxin Study" was initiated in 1989. In 1993, this study became part of a multi-centre cohort study with Germany and Denmark, financed by the European Community. Of 418 'healthy' mother-infant pairs, fifty percent (n = 209) of the children were breast-fed and 50% were formula-fed during infancy. The cohort was also fairly evenly divided in location between a highly industrialised area and a semi-urban area. Subjects were followed from birth until 6 years of age. The primary goal of this study was to gain insight into possible toxic effects associated with environmental PCB and dioxin exposure and the contribution of prenatal *vs* postnatal exposure to neurobehavioural and cognitive outcomes (Patandin, 2001).

In considering the numerous papers published as a result of the Dutch PCB/Dioxin Study, it needs to be borne in mind that 'prenatal' exposure refers to direct transfer of dioxins to the developing foetus from the mother whereas 'postnatal' exposure refers to post-partum transfer *via* breast milk; thus both breast-fed and formula fed babies have equivalent prenatal exposures to dioxin-like compounds. Because of the fact that quite subtle developmental changes are being studied and because it may not have been possible to distinguish between pre- or postnatal exposures, some of the published findings from the Dutch PCB/Dioxin Study (see below) report on effects of peri-natal

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level; because of the limited numbers of samples taken, pooling of samples, and limited stratification of samples, no such samples could be clearly identified in this current study. Furthermore, it should be noted that no significant differences in dioxin levels were noted between rural, urban and industrialised urban areas in Australia.

exposure (exposure 'around' the time of birth) rather than specific pre- or post-birth exposures.

Prenatal PCB exposure was related to lower psychomotor scores at 7 months of age, poorer neurological condition at birth and at 18 months. At 42 months, prenatal PCB exposure was related to lower scores on the Kaufman Assessment Battery for Children, but no effect on the neurological condition was seen. Postnatal PCB and dioxin exposure through lactation was related to lower psychomotor development at 7 months (Vreugdenhil & Weisglas-Kuperus, 2000). Yet, in an assessment of play behaviour is school-age children, Vreugdenhil et al (2002b) reported more feminized play in boys as well as girls to be associated with higher prenatal dioxin levels, not with postnatal exposure to dioxin and PCBs through breast feeding.

Boersma and Lanting (2000) and Boersma et al (2001) investigated long-term effects of perinatal exposure to PCBs and dioxins on neurological and cognitive development in these infants from birth to 6 years of age. Data obtained suggested that prenatal exposure to PCBs may have subtle negative effects on early neurological and cognitive development of children but there were consistently beneficial effects of breast-feeding on brain development when children were studied from 18 months up to school age. Various possible mechanisms to explain the ability of breast feeding to counteract adverse developmental effects were suggested, including the transfer of hormones and biologically-active peptides, various long-chain fatty acids found in human milk which are important in supporting brain growth and development, as well as the psychosocial aspects of nursing. In a related component of the study which assessed the cognitive and motor abilities of school-age children using the McCarthy Scales of Children's Abilities, the authors (Vreugendhil et al, 2002) concluded that subtle cognitive and motor developmental delays from prenatal (perinatal?) PCB and dioxin exposure may persist into school age "when parental and home characteristics were less optimal", but such effects were not measurable in children raised in more optimal environments. That is, the intellectual stimulation provided by a more advantageous parental and home environment appeared to counteract any possible effects of prenatal exposure to PCBs and dioxins on cognitive and motor abilities. (Note that while half of this population was fully breast-fed for at least 6 weeks and the other half formula fed during infancy, the study focussed on linking effects to prenatal exposure.)

Weisglas-Kuperus et al (2000) suggested that prenatal exposure to PCBs and dioxins is associated with changes in the T-cell lymphocyte population in healthy Dutch infants, concluding that in Dutch preschool children the effects of perinatal background exposure to PCBs might be associated with a greater susceptibility to infectious diseases. However, the authors also hypothesized that this might lead to a lower prevalence of allergic diseases.

As appears to be the case in the Dutch PCB/Dioxin Study, a number of other studies (eg. Gladen et al, 1988; Jacobson et al, 1990; Huisman et al, 1995) also indicate that any neurological deficits associated with exposure to dioxins and other organochlorine contaminants appears to be associated with *in utero* exposure rather than breastfeeding, in spite of the higher doses received postnatally through breast milk than transplacentally.

A program established by the Japanese Ministry of Health and Welfare measured concentrations of dioxins in breast milk samples collected in Osaka over a 23-year period between 1973 - 1996 showed a decrease of approximately 50% in the level of dioxin-like compounds in the fat. It was reported that there were no changes in the health status of Japanese infants over this period (Hirayama, 2000). However, such a broad conclusion does not add significant information to the debate about effects of perinatal exposure of infants to dioxins.

Tsutsumi et al (2000) studied a cohort of Japanese females of reproductive age (2,281 control subjects and 567 patients with endometriosis) and reported that females who had been breast-fed had a lower incidence of endometriosis in adult life than non breast-fed infants. This unexpected finding led them to conclude that, if dioxin exposure was partly responsible for an increased incidence of endometriosis in women, it was not due to dioxin exposure during the breast-feeding period.

In two episodes of epidemic poisoning in Japan and Taiwan (so-called Yusho and Yu-Cheng incidents, respectively), developmental effects in infants and children born to mothers who had been exposed to PCDFs and PCBs included a higher incidence of natal teeth and later, missing permanent teeth, delayed eruption of permanent teeth, and disturbed root development (Ikeda, 1996; Rogan et al, 1988). A Finnish study (Alaluusua et al, 1996) concluded that long breast feeding may increase the risk of mineralization defects in children, possibly because of environmental contaminants (not identified). Further investigations (Alaluusua et al, 1999) suggested that such defects occurred more often and were more severe in children who had been exposed to higher amounts of polychlorinated aromatic hydrocarbons than in those exposed to lower amounts. Another Finnish study on 34,457 infants born in 1997-2000 (Alaluusua et al, 2002) indicated that the prevailing levels of PCDD/Fs and PCBs appeared to be below the threshold to cause perinatal eruption of teeth.
More recently, this Finnish research team has concluded that, despite findings that dioxins can have adverse effects on tooth development, breast feeding should not be restricted. This was made on the basis of observations that dioxin levels are declining and the fact that the benefits outweigh any possible risks (Alaluusua, 2004).

Hoover (1999) estimated the exposure of Canadian infants to persistent organochlorines in breast milk, using probabilistic methods. Although the levels of persistent compounds have been declining in Canadian breast milk, there were potential risks arising from exposure to dioxins, furans and PCBs. It was concluded that the well-documented benefits of breast-feeding qualitatively appeared to outweigh potential health concerns associated with organochlorine exposure. Furthermore, the risks of mortality from not breast-feeding as estimated by Rogan and colleagues (Rogan et al, 1991) exceeded any theoretical cancer risk estimated for infant exposure to potential carcinogens in Canadian breast milk. Rogan et al (1991) concluded that only extreme levels of contaminants could result in a greater health hazard than failure to breast feed. Thus, any recommendation to reduce or eliminate breast feeding would only be appropriate in isolated situations in which there was heavy exposure of the mother, such as might occur occupationally or from consumption of highly contaminated food (Rogan et al, 1991).

Despite evidence that breast-fed infants may initially have somewhat higher exposures to dioxin-like compounds than formula-fed infants, it has been widely concluded that, in addition to meeting nutritional needs, breast milk provides numerous immunological, developmental, psychological, economic, and practical advantages. Furthermore, a range of studies support the conclusion that breast-feeding may be related to the prevention of some adult-onset health problems such as diabetes and coronary heart disease. There are a large number of publications which catalogue specific benefits of breast feeding; some of these are outlined in the following Table.

Table 4-1 Some reported health benefits of breast feeding

Morbidity and mortality	Protection against otitis media, bacteraemia, meningitis, diarrhoea, necrotizing enterocolitis, gastro-intestinal disorders, anaemia, eczema, respiratory and urinary tract infections, Sudden Infant Death Syndrome (SIDs), Crohn's disease, celiac disease and Type I diabetes
Neurological effects	Long-chain fatty acids in breast milk are essential for brain development; Breast-fed infants score higher in a variety of neurodevelopmental tests and are at a lower risk for learning disability; Exclusively breast-fed infants show more advanced psychological and psychomotor development at one year of age; Pre-term infants fed breast milk (even by tube-feeding) had better IQ outcomes at age 7-8;
Immunological effects	Breast-fed infants are protected against a variety of immune-related disorders including auto-immune diseases, food allergies and allergic dermatitis; Immune systems of breast-fed infants appear to mature more quickly; Immunological protection afforded by breast milk reduces the overall morbidity in breast-fed infants.
Physical development	Enhances the maturation of the neonatal intestinal tract.
Vision	Fatty acids in breast milk are important for optimal retinal development and visual function.
Psychological	Provides an opportunity for mother/infant bonding, with implications for emotional development and adult psychoaffective behaviour.

Table adapted from Hoover (1999) and references therein.

The WHO estimated the percentage of lifetime intake of PCDD/Fs and PCBs that would be obtained from nursing and concluded that exposure is small in comparison to the benefits of breast feeding (WHO, 1988). After more recent extensive evaluation of the literature, the WHO has re-stated that current scientific evidence does not support altering its global public health recommendation of exclusive breast-feeding for 6 months, followed by safe and appropriate complementary foods, with continued breast-feeding, up to 2 years of age or beyond, as appropriate (Pronczuk et al, 2002). Nevertheless, it has also stated that further efforts to control environmental releases of these compounds is warranted, based on results of epidemiological studies showing the possibility of subtle clinical, endocrine and neurodevelopmental effects, in conjunction with related data obtained in experimental animals (Brouwer et al, 1998; AMAP 2003).

In conclusion, breast-fed infants are likely to have an intake of dioxins over the breast-feeding period which is somewhat higher than in formula-fed infants. However, by far the majority of evidence in the scientific literature suggests that any short-term adverse effects of this intake are far outweighed by the beneficial effects of breast feeding.

4.2.2 Workers exposed to chlorinated pesticides

Occupational exposure to the herbicide 2,4,5-T (2,4,5-trichlorophenoxyacetic acid) contaminated with TCDD is considered in some detail in Section 3.6.2. It appears that some heavily contaminated 2,4,5-T may have been illegally imported from about 1969 to 1971 and used in a government weed control program undertaken by the Agriculture Protection Board (APB) from 1975 to 1985, in the Kimberleys and other regions of WA. An inquiry was conducted by the Parliament of Western Australia; the final report of The Expert Medical Panel to Evaluate Recommendations of the Kimberley Chemical Use Review (made public on 27th February 2004; accessed via http://www.ministers.wa.gov.au) concluded that the cohort of APB workers examined may have experienced a somewhat higher incidence of cancer than the community overall, although the results were not statistically significant. Other signs and symptoms of ill health that the APB workers reported did not appear to be caused by their exposure to herbicides during their employment in the spray program. Thus, no cases of chloracne were reported to have been diagnosed (a condition which indicates exposure). Symptoms of anxiety and depression reported by the APB workers were no more prevalent than in the general community. For diabetes, possibly associated with exposure to dioxins (see Section 2), the expected diabetes-related death rate in the indigenous referent population was greater than that observed in APB workers. Further, there was no strong evidence to suggest that mortality in APB workers was higher than in the general Kimberley population. It is not possible to comment further on any link between cancer incidence and exposure to dioxins in this case, since no survey of serum dioxin levels has yet been conducted in APB workers involved in 2,4,5-T spraying programs. The results of such a survey, if performed, could indicate whether these workers had significantly higher historical exposures to dioxins than a control population. Thus, the available information from this study does not allow any assessment to be made of the likely increase in cancer risk from a given exposure to dioxins.

2,4,5-T and 2,4-D were manufactured in Sydney for more than 25 years at the Union Carbide site at Rhodes. DDT was manufactured there for almost 40 years. Unfortunately, information about the health of these workers does not appear to be available. However, there is information available about the site – particularly dioxin levels.

The historical use of pentachlorophenol (PCP) in the timber industry in Australia to protect softwood timber from decay has most likely resulted in occupational exposure to PCDD and PCDFs for some timber workers. Whether or not they have experienced symptoms and health effects due to such exposures is unknown. Whilst there does not appear to be any evidence of significant long-term health effects from the use of PCP, the possibility of such effects cannot be excluded.

4.2.3 Cigarette smokers

Very approximate estimates (Section 3.6.3) indicate that intake of PCDD/Fs by the average smoker could be around 1/3rd of that coming from food. Thus, smokers are likely to have a measurably elevated dioxin intake cf. non-smokers, with the potential for an increased body burden of dioxins. Smokers place themselves at significant health

risk from the many other toxic and carcinogenic components present in cigarette smoke, a risk which far outweighs the risk from intake of this level of dioxins. However, it appears that encouraging people to give up smoking would help to reduce body burdens of dioxins in the 1/5th of the Australian population which smoke; in young women in particular, smoking has the potential to increase their tissue levels of dioxins which could ultimately transfer to any future offspring *via* prenatal (transplacental) and postnatal (breast feeding) routes.

Non-smokers are also likely to be exposed to dioxins from passive intake of cigarette smoke. However, because individual exposure to so-called 'sidestream' smoke is much more variable than the exposure of smokers themselves, it is not feasible to reasonably estimate the extra contribution of inhaled sidestream smoke to dioxin intake *via* the lungs.

4.2.4 Subsistence and recreational fishermen

In Australia, indigenous populations which may consume diets high in seafood are located in northern coastal areas away from key population centres. Thus the seafood that they consume is unlikely to present a significant dietary source of dioxin-like compounds.

In considering the intake of recreational fishermen based in larger population centres, the typical dioxin concentrations in seafood and typical rates of consumption have been included in the dietary intake assessment conducted by FSANZ (see Section 3.2.1). The kinds of exposures likely to occur in Australian waters are addressed within the estimates of variability of the levels of dioxin-like compounds found, and are not considered to be likely to result in a population subgroup which would be significantly more exposed than the general population. Except in a place like Homebush Bay where the fish are significantly more contaminated due to the contamination of sediments resulting from the manufacture of 2,4,5-T. The sediments of Homebush Bay and the land where the chemicals were manufactured is about to be remediated. Currently, there is a ban on all types of fishing in the area to try and ensure that people don't get exposed to these fish that have significant levels of dioxins.

4.2.5 Indigenous populations

The Aboriginal and Torres Strait Islander population in Australia tends not to have a high intake of animal fats from wild-caught game, including land animals (kangaroos, wallabies, lizards etc) and marine species (eg. dugongs, turtles and crocodiles). Overall, indigenous diets would not generally rely more heavily on animal fats than the rest of the Australian population (advice from the Population Health Division of the Australian Department of Health and Ageing). In Australia with its temperate, tropical and hot climatic zones, the contamination of native Australian animals which may be food sources for the aboriginal population is not a significant problem cf. levels of persistent organic pollutants (including dioxins) found in the extensive fat stores of arctic mammals e.g. seals and polar bears. This arctic contamination arises from the trans-boundary migration of POPs in the northern hemisphere, with their volatilisation from tropical and temperate climate zones and subsequent precipitation in the polar zone of the Arctic Circle. An ecological risk assessment of dioxins in Australia (Gatehouse,

2004) also noted that only low levels of dioxins were found in Australian fauna, this being particularly so in low-trophic-level herbivores and in marine mammals living in the open ocean environments of this continent.

5. Recommendations

Although hundreds of epidemiology studies have looked at the human health effects of dioxin exposures, neither the full extent of dioxin contamination nor the magnitude of the associated human health risks are clearly understood (eg. Institute of Medicine, 2004). Because of this, and in the light of increasing scientific knowledge about the biological actions and effects of dioxin-like compounds, it would be prudent to continue efforts to reduce any potential risks to human health. Thus, a cautious and conservative approach should be adopted with respect to dioxin-like compounds.

5.1 Some Specific Risk Management Recommendations

The following are some suggested specific measures to help reduce population body-burdens of dioxins.

- Programs which have been introduced to reduce the release of dioxin-like compounds to the environment need to be on going.

- Ways to block the cycling of dioxins through the food supply need to be identified. Reducing the level of dioxins in feed given to livestock, poultry and aquaculture fish will help to reduce the levels of dioxins in the food supply. This may be achieved by reducing the amount of animal fat used as a growth enhancer in stockfeed, and sourcing fish-based aquaculture feed (eg. pilchards, sardines) from non-polluted environments.

- Since foods high in animal fats are a source of exposure to these chemicals, current efforts to promote lower saturated fat intake in the population should continue[28].

- The utility and feasibility of setting Maximum Limits (MLs), action levels and target values for dioxin-like compounds in those food groups which contribute most to the human body burden of dioxins could be considered by the health, food and agriculture portfolios. Exceeding action thresholds, if set, would instigate efforts to identify sources of contamination, whilst target values would be set lower than current average background levels.

- Current programs to discourage cigarette smoking should be maintained. In particular, any measures which reduce dioxin intake in young women are likely to help reduce their body burden of dioxins and ultimately, the amount of dioxins

[28] Note that the relative specific heath risks of exposure to dioxins are low compared to those arising from a high intake of saturated fats

which may be transferred to their offspring, both prenatally (*via* trans-placental transfer) and postnatally *via* breast milk[29].

- The population burden of dioxin-like compounds should be monitored periodically, to see whether risk reduction strategies are effective.

Note that these recommendations are preliminary risk management recommendations made by the Office of Chemical Safety and they will be further developed following discussions with other government agencies and consideration of public input.

[29] As for dietary intake of saturated fats, the specific health risks associated with dioxin exposure are low compared to the known adverse effects of smoking. This could be an area for further investigation eg. to ascertain whether smokers have higher body burdens of dioxins cf. matched controls.

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Appendices

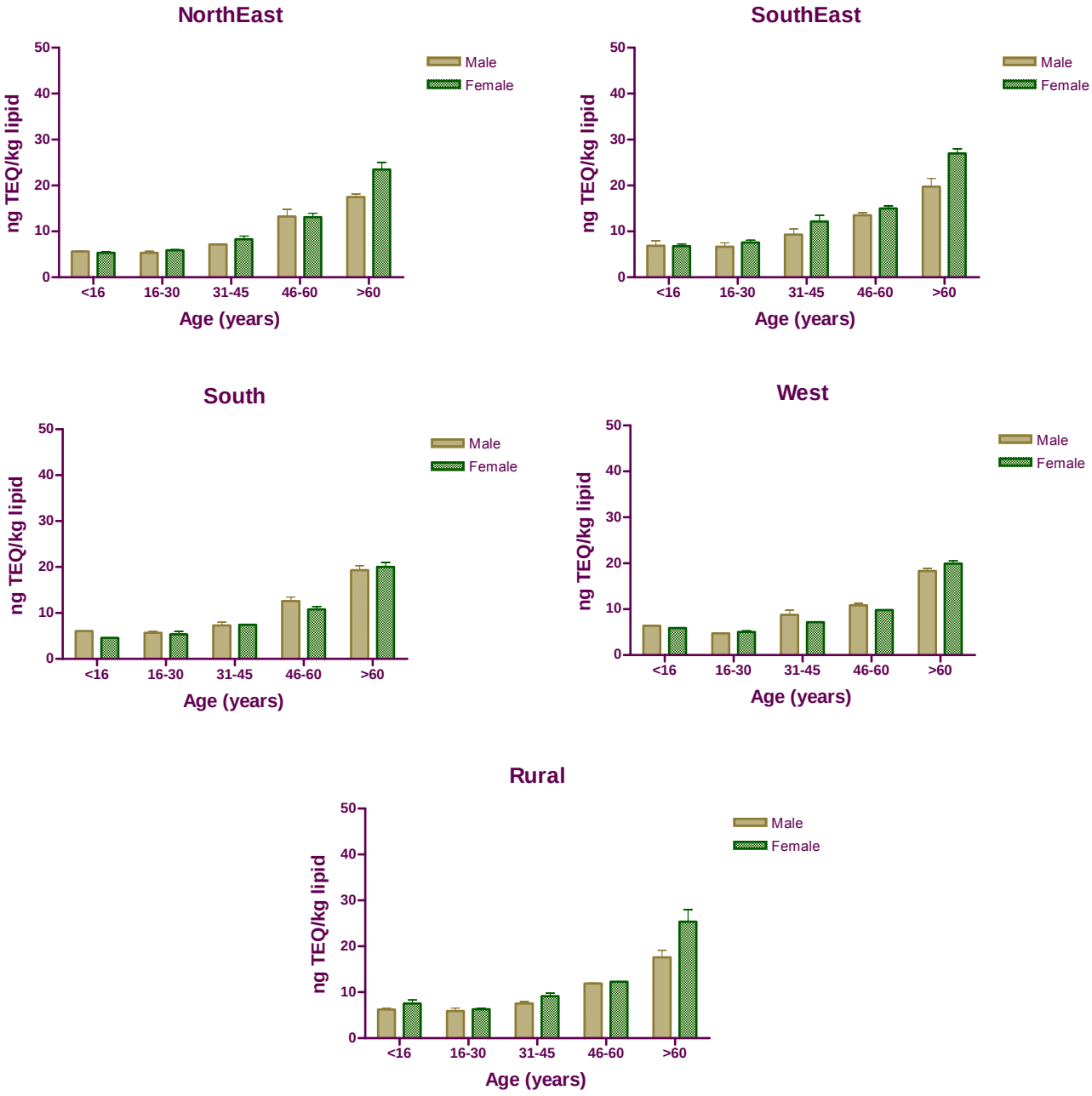
Appendix 1 Acronyms and Abbreviations

ALDE	Average Lifetime Daily Exposure
ATSDR	Agency for Toxic Substances and Disease Registry
BMI	Body Mass Index
DAFF	Australian Department of Agriculture, Fisheries & Forestry (formerly Agriculture, Fisheries & Forestry Australia, or AFFA)
bw	bodyweight
CAC	Codex Alimentarius Commission
CI	Confidence Interval
COT	UK Department of Health's Committee on the Toxicity of Chemicals in Food, Consumer Products, and the Environment
DEH	Australian Government Department of the Environment and Heritage (formerly 'Environment Australia', or EA)
DoHA	Australian Government Department of Health and Ageing
DRRS	The Dioxin Reassessment Review Subcommittee of the Executive Committee of US EPA's Science Advisory Board
EC	European Commission
EC-SCF	EC-Scientific Committee on Food
EHDI	estimated human daily intake
EHMI	estimated human monthly intake
FAO	Food and Agriculture Organization of the United Nations
FSANZ	Food Standards Australia New Zealand
GD	gestational day
IARC	International Agency for Research on Cancer
IC3	indole-3-carbinol
IgG	immunoglobulin G
ILO	International Labour Organization
IPCS	International Programme on Chemical Safety
I-TEQ	international toxic equivalence
JECFA	Joint Expert Committee on Food Additives
LO(A)EL	lowest observable (adverse) effect level
LOD	Limit of Detection
LOQ	Limit of Quantification (or Quantitation)
μg	microgram; 10^{-6} grams
MRL	minimal risk levels; also maximum residue limit
mRNA	messenger ribonucleic acid
ng	nanogram; 10^{-9} grams
NHMRC	National Health & Medical Research Council

NICNAS	National Industrial Chemicals Notification and Assessment Scheme
NIOSH	US National Institute for Occupational Safety and Health
NO(A)EL	no observable (adverse) effect level
OCS	Office of Chemical Safety, DoHA
OR	odds ratio
PAHs	polyaromatic hydrocarbons
PBDDs	polybrominated dibenzo-*p*-dioxins
PBDFs	polybrominated dibenzofurans
PCBs	polychlorinated biphenyls
PCDDs	polychlorinated dibenzo-*p*-dioxins
PCDFs	polychlorinated dibenzofurans
pg	picogram; 10^{-12} grams
ppt	parts per trillion (one in a million million, or 10^{-12})
PTMI	provisional tolerable monthly intake
RfD	reference dose
SAB	US EPA's Science Advisory Board
RR	relative risk
SMR	standardised mortality ratio
TCDD	2,3,7,8-tetrachloro-dibenzo-p-dioxin
TDI	tolerable daily intake
TEF	toxic equivalency factors
TEQ	toxic equivalence
TGA	Therapeutic Goods Administration
TMI	tolerable monthly intake
TWI	tolerable weekly intake
UNEP	United Nations Environment Programme
US EPA	United States Environmental Protection Agency
WHO	World Health Organization
WHO-ECEH	European Centre for Environmental Health

Appendix 2 Mean total WHO-TEQ (PCDD/Fs plus PCBs) in the serum of a representative group of the Australian population by age group, sex and region.

Data shown represent average upper bound WHO-TEQ values for pooled samples across 5 regions obtained for males and females from the 5 age groups.



Appendix 3 PCB loadings[30] for PCB #126 and PCB #169 for a representative sample of the Australian population.

		PCB Loading				
		<16 years	16-30 years	31-45 years	46-60 years	>60 years
South, Females	3,3',4,4',5-PeCB (126)	64.29%	56.25%	42.97%	42.19%	40.16%
	3,3',4,4',5,5'-HxCB (169)	2.57%	2.66%	3.78%	4.06%	3.77%
South, Males	3,3',4,4',5-PeCB (126)	73.33%	57.89%	41.46%	30.77%	34.92%
	3,3',4,4',5,5'-HxCB (169)	3.33%	3.79%	4.93%	4.74%	4.60%
RURAL, Females	3,3',4,4',5-PeCB (126)	64.86%	75.00%	50.00%	39.08%	41.62%
	3,3',4,4',5,5'-HxCB (169)	1.43%	1.54%	2.84%	3.45%	2.79%
RURAL, Males	3,3',4,4',5-PeCB (126)	56.10%	56.10%	44.68%	37.08%	39.04%
	3,3',4,4',5,5'-HxCB (169)	2.32%	2.88%	4.00%	3.71%	3.22%
North East, Females	3,3',4,4',5-PeCB (126)	67.50%	61.54%	44.00%	26.41%	36.65%
	3,3',4,4',5,5'-HxCB (169)	2.10%	2.33%	3.14%	3.72%	2.46%
North East, Males	3,3',4,4',5-PeCB (126)	64.71%	55.56%	38.60%	28.71%	36.36%
	3,3',4,4',5,5'-HxCB (169)	2.88%	3.42%	4.40%	3.66%	3.36%
West, female	3,3',4,4',5-PeCB (126)	75.00%	52.86%	44.55%	35.48%	45.74%
	3,3',4,4',5,5'-HxCB (169)	2.56%	3.50%	4.32%	5.00%	3.80%
West, male	3,3',4,4',5-PeCB (126)	52.63%	57.58%	39.80%	35.80%	42.34%
	3,3',4,4',5,5'-HxCB (169)	3.84%	4.30%	5.69%	5.31%	4.53%
South East, females	3,3',4,4',5-PeCB (126)	77.33%	74.70%	57.03%	55.63%	50.91%
	3,3',4,4',5,5'-HxCB (169)	1.35%	1.69%	1.80%	2.25%	1.95%
South East, males	3,3',4,4',5-PeCB (126)	60.00%	55.77%	51.90%	42.02%	40.91%
	3,3',4,4',5,5'-HxCB (169)	2.44%	3.54%	3.67%	3.70%	3.18%

[30] PCB loadings is defined as the serum concentration (WHO-TEQ pg/g lipid) divided by the total PCB WHO-TEQ.

Appendix 4 Comparisons of serum levels with international data

A comparison of Australian levels of PCDD/Fs (ng/kg lipid) with other countries

Country	Sampling year	No. of samples	Total PCDD/F	Total TEQ PCDD/F	Reference
Australia	2002/3	9090	291.1	6.68	Current study
U.S.	unknown	16	778.8^	19.1	Tepper (1997)
U.S.	1995/1996	5	491.0	12.1**	Schecter et al (1998)
	1995/1996	5	324.5	10**	Schecter et al (1998)
Finland	1993	18	893.7	50.4	Kontsas et al (1998)
Spain	1995	97	640.3	13.4	Gonzalez et al (2000)
	1997	91	na	16.7	Gonzalez et al (2000)
Spain	1993	11	582.0	15.7	Jimenez et al (1996)
Spain	unknown	20	na	27.0	Schuhmacher et al (1999)
Belgium	1999	47	na	48.6 *	Covaci et al (2001)
Norway	1992	10	631.1	21.4 #	Johansen et al (1996)
Germany	1989	228	942.2	43.7	Wittsiepe et al (2000)
	1992	157	703.2	38.1	Wittsiepe et al (2000)
	1993	17	534.5	29.1	Wittsiepe et al (2000)
	1994	74	376.7	29.1	Wittsiepe et al (2000)
	1995	69	431.6	24.1	Wittsiepe et al (2000)
	1997/1998	9	452.0	20.7	Wittsiepe et al (2000)
	1989-1998	744	671.7	35.6	Wittsiepe et al (2000)
Germany	unknown	16	na	18.5	Menzel et al (1998)
Germany	1994	134	508.8	19.1	Paepke et al (1996)
Germany	unknown	15	573.1	18.4	Wuthe et al (1996)
	unknown	45	326.7	7.3	Wuthe et al (1996)
	unknown	79	318.1	8.2	Wuthe et al (1996)
	unknown	39	303.4	10.0	Wuthe et al (1996)
	unknown	44	260.6	9.0	Wuthe et al (1996)
	unknown	46	289.0	9.3	Wuthe et al (1996)
	unknown	33	333.8	10.1	Wuthe et al (1996)
Japan	unknown	20	400.6	20.3**	Kumagai et al (2002)
Japan	1998	na	na	11*	Ueda et al (1999)
China	unknown	50	148.0	4.8	Schechter et al (1996)
	unknown	51	178.0	6.4	Schechter et al (1996)
New Zealand	1996/1997	1834	459.0	12.7*	Buckland et al (2001)
New Zealand	1992/1993	28	866.6	11.6 **	Hannah et al (1994)

Concentrations expressed in pg/g lipid and TEQ expressed using I-TEF unless otherwise specified
na = Not assessed
# = µg/L
* = ng/g lipid
*WHO-TEF
** TEF unknown
^ pg/g median

APPENDIX IV Continued

A comparison of Australian levels of PCBs (ng/kg lipid) with other countries

Country	Sampling year	No. of samples	PCB #126	PCB #169	TEQ non-ortho PCBs	TEQ total PCBs	Reference
Australia	2002/3	9090	14.3	13.1	1.6	4.0	Current study
U.S.	unknown	16	18	27	na	na	Kang et al (1997)
U.S.	1991/1993	7	na	na	na	na	Greizerstein et al (1999)
U.S.	1995/1996	5	21.7	9	2.26	na	Schecter et al (1998)
		5	16.3	6.7	1.7	na	Schecter et al (1998)
U.S.	1995	150	10.8	15.7	na	na	Shadel et al (2001)
Finland	1993	18	69.4	82.8	na	11.1*	Kontsas et al (1998)
Spain	1993	11	55.21	30.26	7.03*	na	Jimenez et al (1996)
Spain	1995	97	na	na	na	na	Gonzalez et al (2000)
	1997	91	na	na	na	na	Gonzalez et al (2000)
Belgium	1996/1998	96	na	na	na	na	Pauwels et al (2000)
Belgium	1999	47	na	na	na	25.8	Covaci et al (2001)
Norway	1992	10	93.4	70.1	na	45	Johansen et al (1996)
Germany	1994	104	80.3	101.8	na	na	Paepke et al (1996)
Germany	unknown	15	67.3*	116.2*	na	na	Wuthe et al (1996)
	unknown	45	37.6	24.6	na	na	Wuthe et al (1996)
	unknown	79	41.9	29.4	na	na	Wuthe et al (1996)
	unknown	39	52.6	37.4	na	na	Wuthe et al (1996)
	unknown	44	44.8	30.3	na	na	Wuthe et al (1996)
	unknown	46	49.4	36.7	na	na	Wuthe et al (1996)
	unknown	33	45.2	34	na	na	Wuthe et al (1996)
Japan	1993/1994	50	46	23	na	21	Iida et al (1999)
Japan	1998	253	na	na	7.3	na	Ueda et al (1999)
New Zealand	1996/1997	1834	30	20	na	6.86	Buckland et al (2001)

Concentrations expressed in ng/kg lipid unless otherwise specified (Note: ng/kg lipid is equivalent to pg/g lipid.)

TEQ expressed using WHO-TEF unless otherwise specified
na = Not assessed
# = µg/L
* = ng/g lipid
*I-TEQ

Appendix 5 The differences in geographical stratification and population (000s) between the two different dietary surveys NNS (1995) and NHS (2001).

National Health Survey (NHS, 2001)

Geographical stratification		Age (years) & population (000s)			
STUDY	SURVEY	16-30	31-45	45-60	>60
NORTHEAST URBAN	MAJOR URBAN QLD	198-201	198-201	147-157	119-132
Southeast Urban	Major urban NSW/ACT	503-507	500-501	395-419	282-338
South Urban	Major urban VIC/TAS/SA	440-444	467-479	370-371	305-370
West Urban	Major Urban WA	119-121	125-129	109-129	109-119
Rural	Rural balance all states and territories	508-565	621-692	476-580	491-508

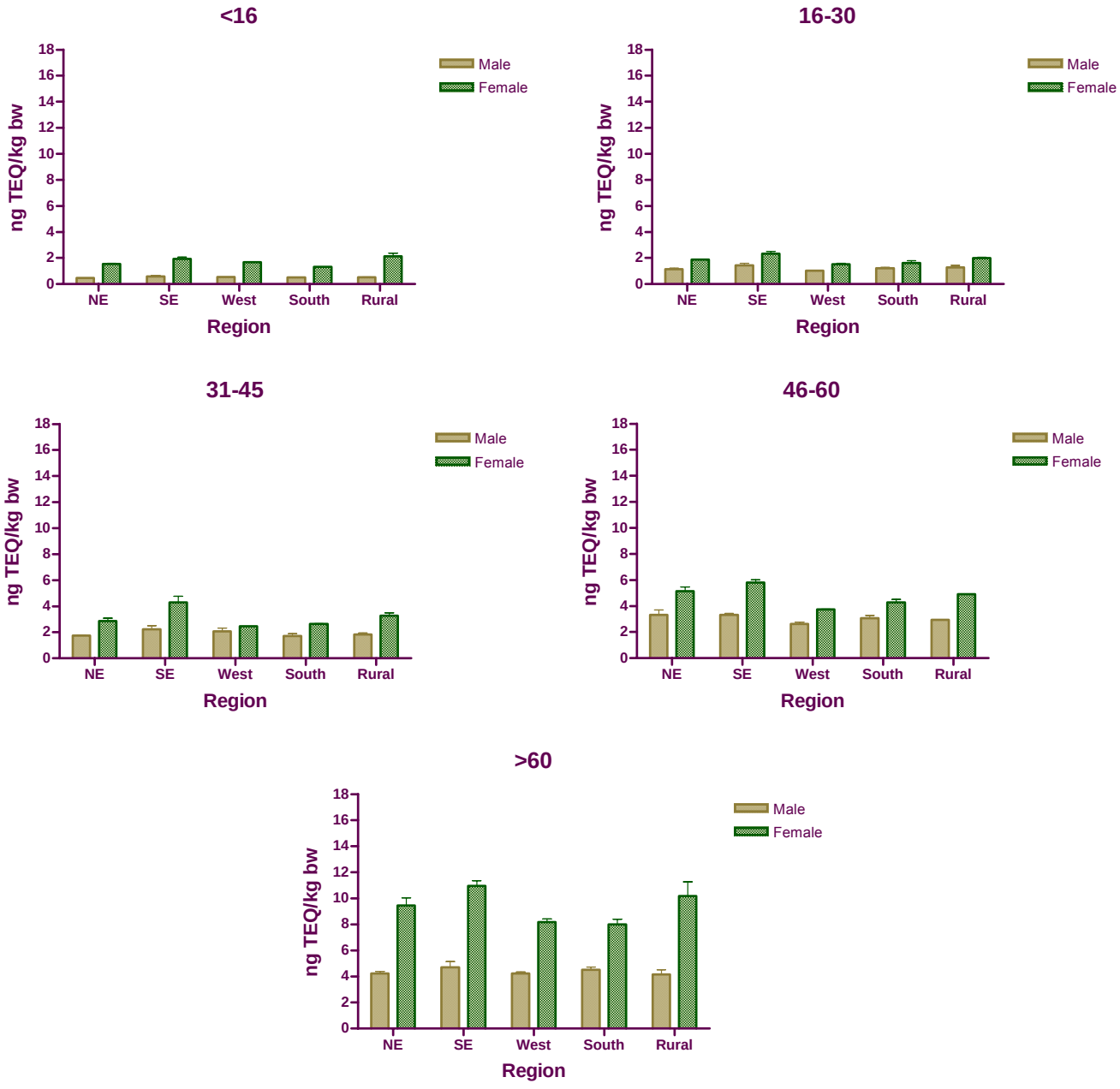
Major urban is classified as urban areas with a population > 100000

National Nutrition Survey (NNS, 1995)

Geographical stratification		Age (years) & population (000s)
STUDY	SURVEY	<16
NORTHEAST URBAN	METRO QLD	47-51
Southeast Urban	Metro NSW/ACT	110-117
South Urban	Metro VIC/TAS/SA	114-140
West Urban	Metro WA	39-47
Rural	Rural and NT	172-177

Appendix 6 Mean total PCDD/Fs and PCBs body burden of a representative group of the Australian population by age, sex and region.

Data shown represent average body burden values for pooled samples across 5 regions obtained for males and females from the 5 age groups.



Appendix 7 Upper bound blood serum concentrations, body burden and ALDE for PCDD/Fs, PCBs and total dioxins (PCCDD/Fs plus PCBs) for a representative sample of the Australian population by age group, sex and region.

Location / Sex	Dioxin	Age (years)	Plasma concentration (upper bound) (ng TEQ/kg lipid)				Fat Content	PCDD/F/PCB body burden (ng TEQ/kg bw)				PCDD/F & PCB ALDE
			POOL 1	POOL 2	MEAN	SD	(%)	POOL 1	POOL 2	MEAN	SD	(pg TEQ/kg bw/d)
NE Urban Male	PCDD/F	<16	4.00	3.90	3.95	0.07	8.24	0.33	0.32	0.33	0.01	0.09
	PCB		1.80	1.60	1.70	0.14		0.15	0.13	0.14	0.01	0.04
	Total		5.80	5.50	5.65	0.21		0.48	0.45	0.47	0.02	0.13
	PCDD/F	16-30	3.60	3.50	3.55	0.07	21.1	0.76	0.74	0.75	0.01	0.21
	PCB		2.10	1.50	1.80	0.42		0.44	0.32	0.38	0.09	0.11
	Total		5.70	5.00	5.35	0.49		1.20	1.06	1.13	0.10	0.32
	PCDD/F	31-45	4.50	4.90	4.70	0.28	24.37	1.10	1.19	1.15	0.07	0.32
	PCB		2.60	2.40	2.50	0.14		0.63	0.58	0.61	0.03	0.17
	Total		7.10	7.30	7.20	0.14		1.73	1.78	1.75	0.03	0.49
	PCDD/F	46-60	7.70	8.70	8.20	0.71	24.91	1.92	2.17	2.04	0.18	0.57
	PCB		4.00	6.10	5.05	1.48		1.00	1.52	1.26	0.37	0.35
	Total		11.70	14.80	13.25	2.19		2.91	3.69	3.30	0.55	0.93
	PCDD/F	>60	9.50	11.00	10.25	1.06	24.09	2.29	2.65	2.47	0.26	0.69
	PCB		7.10	7.20	7.15	0.07		1.71	1.73	1.72	0.02	0.48
	Total		16.80	18.20	17.50	0.99		4.05	4.38	4.22	0.24	1.19
NE Urban Female	PCDD/F	<16	3.60	3.20	3.40	0.28	28.44	1.02	0.91	0.97	0.08	0.27
	PCB		2.00	2.00	2.00	0.00		0.57	0.57	0.57	0.00	0.16
	Total		5.60	5.20	5.40	0.28		1.59	1.48	1.54	0.08	0.43
	PCDD/F	16-30	4.10	3.90	4.00	0.14	31.31	1.28	1.22	1.25	0.04	0.35
	PCB		1.70	2.20	1.95	0.35		0.53	0.69	0.61	0.11	0.17
	Total		5.80	6.10	5.95	0.21		1.82	1.91	1.86	0.07	0.52
	PCDD/F	31-45	6.70	5.00	5.85	1.20	34.19	2.29	1.71	2.00	0.41	0.56
	PCB		2.30	2.70	2.50	0.28		0.79	0.92	0.85	0.10	0.24
	Total		9.00	7.70	8.35	0.92		3.08	2.63	2.85	0.31	0.80
	PCDD/F	46-60	8.80	8.40	8.60	0.28	39.01	3.43	3.28	3.35	0.11	0.94
	PCB		3.90	3.90	3.90	0.00		1.52	1.52	1.52	0.00	0.43
	Total		14.00	12.30	13.15	1.20		5.46	4.80	5.13	0.47	1.44

	PCDD/F		14.00	14.00	14.00	0.00		5.62	5.62	5.62	0.00	1.58
	PCB	>60	11.00	8.10	9.55	2.05	40.17	4.42	3.25	3.84	0.82	1.08
	Total		25.00	22.00	23.50	2.12		10.04	8.84	9.44	0.85	2.66

APPENDIX VII Continued

Location Sex	Dioxin	Age (years)	Plasma concentration (upper bound) (ng TEQ/kg lipid)				Fat Content	PCDD/F/PCB Body burden (ng TEQ/Kg bw)				PCDD/F & PCB ALDE
			POOL 1	POOL 2	MEAN	SD	(%)	POOL 1	POOL 2	MEAN	SD	(pg TEQ/kg bw/d)
SE Urban	PCDD/F	<16	5.30	3.50	4.40	1.27	8.42	0.45	0.29	0.37	0.11	0.10
Male	PCB		2.70	2.30	2.50	0.28		0.23	0.19	0.21	0.02	0.06
	Total		8.00	5.80	6.90	1.56		0.67	0.49	0.58	0.13	0.16
	PCDD/F	16-30	3.60	4.60	4.10	0.71	21.36	0.77	0.98	0.88	0.15	0.25
	PCB		2.30	2.90	2.60	0.42		0.49	0.62	0.56	0.09	0.16
	Total		5.90	7.50	6.70	1.13		1.26	1.60	1.43	0.24	0.40
	PCDD/F	31-45	5.10	5.70	5.40	0.42	23.78	1.21	1.36	1.28	0.10	0.36
	PCB		3.10	4.80	3.95	1.20		0.74	1.14	0.94	0.29	0.26
	Total		8.20	10.50	9.35	1.63		1.95	2.50	2.22	0.39	0.63
	PCDD/F	46-60	7.30	7.90	7.60	0.42	24.39	1.78	1.93	1.85	0.10	0.52
	PCB		5.70	6.20	5.95	0.35		1.39	1.51	1.45	0.09	0.41
	Total		13.00	14.10	13.55	0.78		3.17	3.44	3.30	0.19	0.93
	PCDD/F	>60	12.00	9.90	10.95	1.48	23.81	2.86	2.36	2.61	0.35	0.73
	PCB		9.60	8.00	8.80	1.13		2.29	1.90	2.10	0.27	0.59
	Total		21.60	17.90	19.75	2.62		5.14	4.26	4.70	0.62	1.32
SE Urban	PCDD/F	<16	3.20	2.90	3.05	0.21	28.44	0.91	0.82	0.87	0.06	0.24
Female	PCB		3.10	4.40	3.75	0.92		0.88	1.25	1.07	0.26	0.30
	Total		6.30	7.30	6.80	0.71		1.79	2.08	1.93	0.20	0.54
	PCDD/F	16-30	3.50	3.40	3.45	0.07	30.71	1.07	1.04	1.06	0.02	0.30
	PCB		3.60	4.70	4.15	0.78		1.11	1.44	1.27	0.24	0.36
	Total		7.10	8.10	7.60	0.71		2.18	2.49	2.33	0.22	0.66
	PCDD/F	31-45	5.70	5.90	5.80	0.14	35.26	2.01	2.08	2.05	0.05	0.58
	PCB		7.80	5.00	6.40	1.98		2.75	1.76	2.26	0.70	0.63
	Total		13.50	10.90	12.20	1.84		4.76	3.84	4.30	0.65	1.21
	PCDD/F	46-60	8.40	7.50	7.95	0.64	38.55	3.24	2.89	3.06	0.25	0.86
	PCB		6.10	8.10	7.10	1.41		2.35	3.12	2.74	0.55	0.77
	Total		14.50	15.60	15.05	0.78		5.59	6.01	5.80	0.30	1.63
	PCDD/F	>60	15.00	17.00	16.00	1.41	40.53	6.08	6.89	6.48	0.57	1.82
	PCB		11.00	11.00	11.00	0.00		4.46	4.46	4.46	0.00	1.25
	Total		26.00	28.00	27.00	1.41		10.54	11.35	10.94	0.57	3.08

APPENDIX VII Continued

Location Sex	Dioxin	Age (years)	Plasma concentration (upper bound) (ng TEQ/kg lipid)				Fat Content	PCDD/F/PCB body burden (ng TEQ/kg bw)				PCDD/F & PCB ALDE
			POOL 1	POOL 2	MEAN	SD	(%)	POOL 1	POOL 2	MEAN	SD	(pg TEQ/kg bw/d)
S Urban	PCDD/F	<16	4.60		4.60	0.00	8.3	0.38	0.38	0.38	0.00	0.11
Male	PCB		1.50	N/A	1.50	0.00		0.12	0.12	0.12	0.00	0.04
	Total		6.10		6.10	0.00		0.51	0.51	0.51	0.00	0.14
	PCDD/F	16-30	3.90	3.70	3.80	0.14	21.27	0.83	0.79	0.81	0.03	0.23
	PCB		2.10	1.70	1.90	0.28		0.45	0.36	0.40	0.06	0.11
	Total		6.00	5.40	5.70	0.42		1.28	1.15	1.21	0.09	0.34
	PCDD/F	31-45	4.60	5.80	5.20	0.85	23.46	1.08	1.36	1.22	0.20	0.34
	PCB		1.90	2.20	2.05	0.21		0.45	0.52	0.48	0.05	0.14
	Total		6.50	8.00	7.25	1.06		1.52	1.88	1.70	0.25	0.48
	PCDD/F	46-60	9.30	8.20	8.75	0.78	24.31	2.26	1.99	2.13	0.19	0.60
	PCB		4.20	3.60	3.90	0.42		1.02	0.88	0.95	0.10	0.27
	Total		13.50	11.80	12.65	1.20		3.28	2.87	3.08	0.29	0.86
	PCDD/F	>60	12.00	14.00	13.00	1.41	23.32	2.80	3.26	3.03	0.33	0.85
	PCB		6.30	6.30	6.30	0.00		1.47	1.47	1.47	0.00	0.41
	Total		18.30	20.30	19.30	1.41		4.27	4.73	4.50	0.33	1.27
S Urban	PCDD/F	<16	3.10		3.10	0.00	28.37	0.88	0.88	0.88	0.00	0.25
Female	PCB		1.40	N/A	1.40	0.00		0.40	0.40	0.40	0.00	0.11
	Total		4.60		4.60	0.00		1.31	1.31	1.31	0.00	0.37
	PCDD/F	16-30	4.10	3.50	3.80	0.42	29.77	1.22	1.04	1.13	0.13	0.32
	PCB		1.90	1.30	1.60	0.42		0.57	0.39	0.48	0.13	0.13
	Total		6.00	4.80	5.40	0.85		1.79	1.43	1.61	0.25	0.45
	PCDD/F	31-45	5.60	5.60	5.60	0.00	35.51	1.99	1.99	1.99	0.00	0.56
	PCB		1.80	1.90	1.85	0.07		0.64	0.67	0.66	0.03	0.18
	Total		7.40	7.50	7.45	0.07		2.63	2.66	2.65	0.03	0.74
	PCDD/F	46-60	8.10	7.10	7.60	0.71	39.49	3.20	2.80	3.00	0.28	0.84
	PCB		3.30	3.10	3.20	0.14		1.30	1.22	1.26	0.06	0.36
	Total		11.40	10.20	10.80	0.85		4.50	4.03	4.26	0.34	1.20
	PCDD/F	>60	15.00	13.00	14.00	1.41	40.01	6.00	5.20	5.60	0.57	1.58
	PCB		5.90	6.30	6.10	0.28		2.36	2.52	2.44	0.11	0.69
	Total		21.00	19.00	20.00	1.41		8.40	7.60	8.00	0.57	2.25

APPENDIX VII Continued

Location Sex	Dioxin	Age (years)	Plasma concentration (upper bound) (ng TEQ/kg lipid)				Fat Content	PCDD/F/PCB body burden (ng TEQ/kg bw)				PCDD/F & PCB ALDE
			POOL 1	POOL 2	MEAN	SD	(%)	POOL 1	POOL 2	MEAN	SD	(pg TEQ/kg bw/d)
West Urban	PCDD/F	<16	4.50		4.50	0.00	8.3	0.37	0.37	0.37	0.00	0.11
Male	PCB		1.90	N/A	1.90	0.00		0.16	0.16	0.16	0.00	0.04
	Total		6.40		6.40	0.00		0.53	0.53	0.53	0.00	0.15
	PCDD/F	16-30	3.00	3.20	3.10	0.14	21.2	0.64	0.68	0.66	0.03	0.18
	PCB		1.70	1.60	1.65	0.07		0.36	0.34	0.35	0.01	0.10
	Total		4.70	4.80	4.75	0.07		1.00	1.02	1.01	0.01	0.28
	PCDD/F	31-45	5.30	7.10	6.20	1.27	23.72	1.26	1.68	1.47	0.30	0.41
	PCB		2.40	2.70	2.55	0.21		0.57	0.64	0.60	0.05	0.17
	Total		7.70	9.80	8.75	1.48		1.83	2.32	2.08	0.35	0.58
	PCDD/F	46-60	7.20	6.40	6.80	0.57	24.36	1.75	1.56	1.66	0.14	0.47
	PCB		4.10	4.00	4.05	0.07		1.00	0.97	0.99	0.02	0.28
	Total		11.30	10.40	10.85	0.64		2.75	2.53	2.64	0.16	0.74
	PCDD/F	>60	11.00	12.00	11.50	0.71	23.06	2.54	2.77	2.65	0.16	0.75
	PCB		6.80	6.90	6.85	0.07		1.57	1.59	1.58	0.02	0.44
	Total		17.80	18.90	18.35	0.78		4.10	4.36	4.23	0.18	1.19
West Urban	PCDD/F	<16	4.30		4.30	0.00	28.41	1.22	1.22	1.22	0.00	0.34
Female	PCB		1.60	N/A	1.60	0.00		0.45	0.45	0.45	0.00	0.13
	Total		5.90		5.90	0.00		1.68	1.68	1.68	0.00	0.47
	PCDD/F	16-30	3.40	3.90	3.65	0.35	30.28	1.03	1.18	1.11	0.11	0.31
	PCB		1.40	1.40	1.40	0.00		0.42	0.42	0.42	0.00	0.12
	Total		4.80	5.30	5.05	0.35		1.45	1.60	1.53	0.11	0.43
	PCDD/F	31-45	4.90	5.10	5.00	0.14	34.15	1.67	1.74	1.71	0.05	0.48
	PCB		2.30	2.10	2.20	0.14		0.79	0.72	0.75	0.05	0.21
	Total		7.20	7.20	7.20	0.00		2.46	2.46	2.46	0.00	0.69
	PCDD/F	46-60	6.70	6.70	6.70	0.00	37.94	2.54	2.54	2.54	0.00	0.72
	PCB		3.00	3.20	3.10	0.14		1.14	1.21	1.18	0.05	0.33
	Total		9.70	9.90	9.80	0.14		3.68	3.76	3.72	0.05	1.05
	PCDD/F	>60	13.00	14.00	13.50	0.71	41.04	5.34	5.75	5.54	0.29	1.56
	PCB		6.40	6.50	6.45	0.07		2.63	2.67	2.65	0.03	0.74
	Total		19.40	20.50	19.95	0.78		7.96	8.41	8.19	0.32	2.30

APPENDIX VII Continued

Location Sex	Dioxin	Age (years)	Plasma concentration (upper bound) (ng TEQ/kg lipid)				Fat Content	PCDD/F/PCB body burden (ng TEQ/kg bw)				PCDD/F & PCB ALDE
			POOL 1	POOL 2	MEAN	SD	(%)	POOL 1	POOL 2	MEAN	SD	(pg TEQ/kg bw/d)
Rural	PCDD/F	<16	4.30	4.10	4.20	0.14	8.34	0.36	0.34	0.35	0.01	0.10
Male	PCB		2.20	1.90	2.05	0.21		0.18	0.16	0.17	0.02	0.05
	Total		6.50	6.00	6.25	0.35		0.54	0.50	0.52	0.03	0.15
	PCDD/F	16-30	3.40	4.40	3.90	0.71	21.63	0.74	0.95	0.84	0.15	0.24
	PCB		1.90	2.20	2.05	0.21		0.41	0.48	0.44	0.05	0.12
	Total		5.30	6.60	5.95	0.92		1.15	1.43	1.29	0.20	0.36
	PCDD/F	31-45	4.80	5.60	5.20	0.57	24.38	1.17	1.37	1.27	0.14	0.36
	PCB		2.30	2.40	2.35	0.07		0.56	0.59	0.57	0.02	0.16
	Total		7.10	8.00	7.55	0.64		1.73	1.95	1.84	0.16	0.52
	PCDD/F	46-60	7.40	7.50	7.45	0.07	24.61	1.82	1.85	1.83	0.02	0.52
	PCB		4.40	4.50	4.45	0.07		1.08	1.11	1.10	0.02	0.31
	Total		11.80	12.00	11.90	0.14		2.90	2.95	2.93	0.03	0.82
	PCDD/F	>60	8.70	12.00	10.35	2.33	23.48	2.04	2.82	2.43	0.55	0.68
	PCB		7.40	7.20	7.30	0.14		1.74	1.69	1.71	0.03	0.48
	Total		16.10	19.20	17.65	2.19		3.78	4.51	4.14	0.51	1.17
Rural	PCDD/F	<16	3.60	4.10	3.85	0.35	28.41	1.02	1.16	1.09	0.10	0.31
Female	PCB		4.70	2.70	3.70	1.41		1.34	0.77	1.05	0.40	0.30
	Total		8.30	6.80	7.55	1.06		2.36	1.93	2.14	0.30	0.60
	PCDD/F	16-30	3.60	3.40	3.50	0.14	31.58	1.14	1.07	1.11	0.04	0.31
	PCB		2.50	3.10	2.80	0.42		0.79	0.98	0.88	0.13	0.25
	Total		6.10	6.50	6.30	0.28		1.93	2.05	1.99	0.09	0.56
	PCDD/F	31-45	5.60	6.60	6.10	0.71	35.73	2.00	2.36	2.18	0.25	0.61
	PCB		3.00	3.20	3.10	0.14		1.07	1.14	1.11	0.05	0.31
	Total		8.60	9.80	9.20	0.85		3.07	3.50	3.29	0.30	0.92
	PCDD/F	46-60	8.10	7.80	7.95	0.21	39.88	3.23	3.11	3.17	0.08	0.89
	PCB		4.20	4.50	4.35	0.21		1.67	1.79	1.73	0.08	0.49
	Total		12.30	12.30	12.30	0.00		4.91	4.91	4.91	0.00	1.38
	PCDD/F	>60	15.00	16.00	15.50	0.71	40.18	6.03	6.43	6.23	0.28	1.75
	PCB		7.70	12.00	9.85	3.04		3.09	4.82	3.96	1.22	1.11
	Total		22.70	28.00	25.35	3.75		9.12	11.25	10.19	1.51	2.86

Appendix 8 Lower bound blood serum concentrations, body burden and ALDE for PCDD/Fs, PCBs and total dioxins (PCCDD/Fs plus PCBs) for the Australian population.

Location Sex	Dioxin	Age (years)	Plasma concentration (lower bound) (ng TEQ/kg lipid)				Fat Content	PCDD/F/PCB body burden (ng TEQ/kg bw)				PCDD/F & PCB ALDE
			POOL 1	POOL 2	MEAN	SD	(%)	POOL 1	POOL 2	MEAN	SD	(pg TEQ/kg bw/d)
NE Urban Male	PCDD/F	<16	2.70	2.50	2.60	0.14	8.24	0.35	0.32	0.34	0.02	0.09
	PCB		0.65	0.65	0.65	0.00		0.08	0.08	0.08	0.00	0.02
	Total		3.45	3.15	3.30	0.21		0.45	0.41	0.43	0.03	0.12
	PCDD/F	16-30	1.30	2.30	1.80	0.71	21.1	0.27	0.49	0.38	0.15	0.11
	PCB		0.90	0.70	0.80	0.14		0.19	0.15	0.17	0.03	0.05
	Total		2.20	3.00	2.60	0.57		0.46	0.63	0.55	0.12	0.15
	PCDD/F	31-45	3.10	3.50	3.30	0.28	24.37	0.76	0.85	0.80	0.07	0.23
	PCB		1.50	2.40	1.95	0.64		0.37	0.58	0.48	0.16	0.13
	Total		4.60	5.90	5.25	0.92		1.12	1.44	1.28	0.22	0.36
	PCDD/F	46-60	6.70	7.60	7.15	0.64	24.91	1.67	1.89	1.78	0.16	0.50
	PCB		4.00	6.00	5.00	1.41		1.00	1.49	1.25	0.35	0.35
	Total		10.70	13.60	12.15	2.05		2.67	3.39	3.03	0.51	0.85
	PCDD/F	>60	8.70	9.30	9.00	0.42	24.09	2.10	2.24	2.17	0.10	0.61
	PCB		7.10	7.20	7.15	0.07		1.71	1.73	1.72	0.02	0.48
	Total		15.80	15.50	15.65	0.21		3.81	3.73	3.77	0.05	1.06
NE Urban Female	PCDD/F	<16	2.40	0.99	1.70	1.00	28.44	0.68	0.28	0.48	0.28	0.14
	PCB		0.74	0.57	0.66	0.12		0.21	0.16	0.19	0.03	0.05
	Total		3.24	1.60	2.42	1.16		0.92	0.46	0.69	0.33	0.19
	PCDD/F	16-30	3.10	2.90	3.00	0.14	31.31	0.97	0.91	0.94	0.04	0.26
	PCB		0.61	0.80	0.71	0.13		0.19	0.25	0.22	0.04	0.06
	Total		3.70	3.70	3.70	0.00		1.16	1.16	1.16	0.00	0.33
	PCDD/F	31-45	4.80	3.70	4.25	0.78	34.19	1.64	1.27	1.45	0.27	0.41
	PCB		1.40	1.40	1.40	0.00		0.48	0.48	0.48	0.00	0.13
	Total		6.20	5.10	5.65	0.78		2.12	1.74	1.93	0.27	0.54
	PCDD/F	46-60	8.20	7.70	7.95	0.35	39.01	3.20	3.00	3.10	0.14	0.87
	PCB		3.90	2.70	3.30	0.85		1.52	1.05	1.29	0.33	0.36
	Total		12.10	10.40	11.25	1.20		4.72	4.06	4.39	0.47	1.23
	PCDD/F	>60	13.00	13.00	13.00	0.00	40.17	5.22	5.22	5.22	0.00	1.47
	PCB		11.00	8.10	9.55	2.05		4.42	3.25	3.84	0.82	1.08
	Total		24.00	21.10	22.55	2.05		9.64	8.48	9.06	0.82	2.55

APPENDIX VIII Continued

Location Sex	Dioxin	Age (years)	Plasma concentration (lower bound) (ng TEQ/kg lipid)				Fat Content	PCDD/F/PCB body burden (ng TEQ/kg bw)				PCDD/F & PCB ALDE
			POOL 1	POOL 2	MEAN	SD	(%)	POOL 1	POOL 2	MEAN	SD	(pg TEQ/kg bw/d)
SE Urban	PCDD/F	<16	3.00	0.96	1.98	1.44	8.42	0.25	0.08	0.17	0.12	0.05
Male	PCB		1.30	0.79	1.05	0.36		0.11	0.07	0.09	0.03	0.02
	Total		4.30	1.80	3.05	1.77		0.36	0.15	0.26	0.15	0.07
	PCDD/F	16-30	2.80	3.60	3.20	0.57	21.36	0.60	0.77	0.68	0.12	0.19
	PCB		0.89	2.90	1.90	1.42		0.19	0.62	0.40	0.30	0.11
	Total		3.70	6.50	5.10	1.98		0.79	1.39	1.09	0.42	0.31
	PCDD/F	31-45	4.80	4.70	4.75	0.07	23.78	1.14	1.12	1.13	0.02	0.32
	PCB		3.10	4.80	3.95	1.20		0.74	1.14	0.94	0.29	0.26
	Total		7.90	9.50	8.70	1.13		1.88	2.26	2.07	0.27	0.58
	PCDD/F	46-60	7.10	7.50	7.30	0.28	24.39	1.73	1.83	1.78	0.07	0.50
	PCB		5.70	6.20	5.95	0.35		1.39	1.51	1.45	0.09	0.41
	Total		12.80	13.70	13.25	0.64		3.12	3.34	3.23	0.16	0.91
	PCDD/F	>60	11.00	9.40	10.20	1.13	23.81	2.62	2.24	2.43	0.27	0.68
	PCB		9.60	8.00	8.80	1.13		2.29	1.90	2.10	0.27	0.59
	Total		20.60	17.40	19.00	2.26		4.90	4.14	4.52	0.54	1.27
SE Urban	PCDD/F	<16	2.10	2.00	2.05	0.07	28.44	0.60	0.57	0.58	0.02	0.16
Female	PCB		3.10	4.40	3.75	0.92		0.88	1.25	1.07	0.26	0.30
	Total		5.20	6.40	5.80	0.85		1.48	1.82	1.65	0.24	0.46
	PCDD/F	16-30	3.00	3.30	3.15	0.21	30.71	0.92	1.01	0.97	0.07	0.27
	PCB		3.60	4.70	4.15	0.78		1.11	1.44	1.27	0.24	0.36
	Total		6.60	8.00	7.30	0.99		2.03	2.46	2.24	0.30	0.63
	PCDD/F	31-45	5.60	5.50	5.55	0.07	35.26	1.97	1.94	1.96	0.02	0.55
	PCB		7.80	5.00	6.40	1.98		2.75	1.76	2.26	0.70	0.63
	Total		12.40	10.50	11.45	1.34		4.37	3.70	4.04	0.47	1.14
	PCDD/F	46-60	8.10	6.90	7.50	0.85	38.55	3.12	2.66	2.89	0.33	0.81
	PCB		6.10	8.10	7.10	1.41		2.35	3.12	2.74	0.55	0.77
	Total		14.20	15.00	14.60	0.57		5.47	5.78	5.63	0.22	1.58
	PCDD/F	>60	13.00	14.00	13.50	0.71	40.53	5.27	5.67	5.47	0.29	1.54
	PCB		10.00	5.00	7.50	3.54		4.05	2.03	3.04	1.43	0.86
	Total		23.00	19.00	21.00	2.83		9.32	7.70	8.51	1.15	2.39

APPENDIX VIII Continued

Location Sex	Dioxin	Age (years)	Plasma concentration (lower bound) (ng TEQ/kg lipid)				Fat Content	PCDD/F/PCB body burden (ng TEQ/kg bw)				PCDD/F & PCB ALDE
			POOL 1	POOL 2	MEAN	SD	(%)	POOL 1	POOL 2	MEAN	SD	(pg TEQ/kg bw/d)
S Urban	PCDD/F	<16	2.50		2.50	0.00	8.3	0.21	0.21	0.21	0.00	0.06
Male	PCB		0.48	N/A	0.48	0.00		0.04	0.04	0.04	0.00	0.01
	Total		3.00		3.00	0.00		0.25	0.25	0.25	0.00	0.07
	PCDD/F	16-30	2.90	2.60	2.75	0.21	21.27	0.62	0.55	0.58	0.05	0.16
	PCB		2.00	0.63	1.32	0.97		0.43	0.13	0.28	0.21	0.08
	Total		4.90	3.23	4.07	1.18		1.04	0.69	0.86	0.25	0.24
	PCDD/F	31-45	3.60	4.90	4.25	0.92	23.46	0.84	1.15	1.00	0.22	0.28
	PCB		1.20	1.30	1.25	0.07		0.28	0.30	0.29	0.02	0.08
	Total		4.80	6.10	5.45	0.92		1.13	1.43	1.28	0.22	0.36
	PCDD/F	46-60	8.60	7.40	8.00	0.85	24.31	2.09	1.80	1.94	0.21	0.55
	PCB		4.20	3.60	3.90	0.42		1.02	0.88	0.95	0.10	0.27
	Total		13.00	11.00	12.00	1.41		3.16	2.67	2.92	0.34	0.82
	PCDD/F	>60	11.00	11.00	11.00	0.00	23.32	2.57	2.57	2.57	0.00	0.72
	PCB		6.30	6.30	6.30	0.00		1.47	1.47	1.47	0.00	0.41
	Total		17.30	17.30	17.30	0.00		4.03	4.03	4.03	0.00	1.13
S Urban	PCDD/F	<16	2.30		2.30	0.00	28.37	0.65	0.65	0.65	0.00	0.18
Female	PCB		0.50	N/A	0.50	0.00		0.14	0.14	0.14	0.00	0.04
	Total		2.80		2.80	0.00		0.79	0.79	0.79	0.00	0.22
	PCDD/F	16-30	3.40	2.50	2.95	0.64	29.77	1.01	0.74	0.88	0.19	0.25
	PCB		0.60	0.45	0.53	0.11		0.18	0.13	0.16	0.03	0.04
	Total		4.00	3.00	3.50	0.71		1.19	0.89	1.04	0.21	0.29
	PCDD/F	31-45	4.30	4.40	4.35	0.07	35.51	1.53	1.56	1.54	0.03	0.43
	PCB		0.95	1.90	1.43	0.67		0.34	0.67	0.51	0.24	0.14
	Total		5.25	6.30	5.78	0.74		1.86	2.24	2.05	0.26	0.58
	PCDD/F	46-60	7.50	5.80	6.65	1.20	39.49	2.96	2.29	2.63	0.47	0.74
	PCB		3.30	3.10	3.20	0.14		1.30	1.22	1.26	0.06	0.36
	Total		10.80	8.90	9.85	1.34		4.26	3.51	3.89	0.53	1.09
	PCDD/F	>60	14.00	12.00	13.00	1.41	40.01	5.60	4.80	5.20	0.57	1.46
	PCB		5.90	6.30	6.10	0.28		2.36	2.52	2.44	0.11	0.69
	Total		19.90	18.30	19.10	1.13		7.96	7.32	7.64	0.45	2.15

APPENDIX VIII Continued

Location Sex	Dioxin	Age (years)	Plasma concentration (lower bound) (ng TEQ/kg lipid)				Fat Content	PCDD/F/PCB body burden (ng TEQ/kg bw)				PCDD/F & PCB ALDE
			POOL 1	POOL 2	MEAN	SD	(%)	POOL 1	POOL 2	MEAN	SD	(pg TEQ/kg bw/d)
West Urban	PCDD/F	<16	1.20		1.20	0.00	8.3	0.10	0.10	0.10	0.00	0.03
Male	PCB		0.86	N/A	0.86	0.00		0.07	0.07	0.07	0.00	0.02
	Total		2.10		2.10	0.00		0.17	0.17	0.17	0.00	0.05
	PCDD/F	16-30	2.10	2.10	2.10	0.00	21.2	0.45	0.45	0.45	0.00	0.13
	PCB		0.74	0.64	0.69	0.07		0.16	0.14	0.15	0.01	0.04
	Total		2.84	2.74	2.79	0.07		0.60	0.58	0.59	0.01	0.17
	PCDD/F	31-45	4.10	6.40	5.25	1.63	23.72	0.97	1.52	1.25	0.39	0.35
	PCB		2.40	2.70	2.55	0.21		0.57	0.64	0.60	0.05	0.17
	Total		6.50	9.10	7.80	1.84		1.54	2.16	1.85	0.44	0.52
	PCDD/F	46-60	5.70	5.30	5.50	0.28	24.36	1.39	1.29	1.34	0.07	0.38
	PCB		4.10	4.00	4.05	0.07		1.00	0.97	0.99	0.02	0.28
	Total		9.80	9.30	9.55	0.35		2.39	2.27	2.33	0.09	0.65
	PCDD/F	>60	9.80	9.20	9.50	0.42	23.06	2.26	2.12	2.19	0.10	0.62
	PCB		6.80	6.90	6.85	0.07		1.57	1.59	1.58	0.02	0.44
	Total		16.60	16.10	16.35	0.35		3.83	3.71	3.77	0.08	1.06
West Urban	PCDD/F	<16	0.93		0.93	0.00	28.41	0.26	0.26	0.26	0.00	0.07
Female	PCB		0.43	N/A	0.43	0.00		0.12	0.12	0.12	0.00	0.03
	Total		1.36		1.36	0.00		0.39	0.39	0.39	0.00	0.11
	PCDD/F	16-30	2.40	2.60	2.50	0.14	30.28	0.73	0.79	0.76	0.04	0.21
	PCB		1.40	0.68	1.04	0.51		0.42	0.21	0.31	0.15	0.09
	Total		3.80	3.28	3.54	0.37		1.15	0.99	1.07	0.11	0.30
	PCDD/F	31-45	3.50	3.80	3.65	0.21	34.15	1.20	1.30	1.25	0.07	0.35
	PCB		2.30	2.10	2.20	0.14		0.79	0.72	0.75	0.05	0.21
	Total		5.80	5.90	5.85	0.07		1.98	2.01	2.00	0.02	0.56
	PCDD/F	46-60	5.10	6.00	5.55	0.64	37.94	1.93	2.28	2.11	0.24	0.59
	PCB		3.00	3.20	3.10	0.14		1.14	1.21	1.18	0.05	0.33
	Total		8.10	9.20	8.65	0.78		3.07	3.49	3.28	0.30	0.92
	PCDD/F	>60	12.00	13.00	12.50	0.71	41.04	4.92	5.34	5.13	0.29	1.44
	PCB		6.40	6.50	6.45	0.07		2.63	2.67	2.65	0.03	0.74
	Total		18.40	19.50	18.95	0.78		7.55	8.00	7.78	0.32	2.19

APPENDIX VIII Continued

Location Sex	Dioxin	Age (years)	Plasma concentration (lower bound) (ng TEQ/kg lipid)				Fat Content	PCDD/F/PCB body burden (ng TEQ/kg bw)				PCDD/F & PCB ALDE
			POOL 1	POOL 2	MEAN	SD	(%)	POOL 1	POOL 2	MEAN	SD	(pg TEQ/kg bw/d)
Rural	PCDD/F	<16	2.60	2.60	2.60	0.00	8.34	0.22	0.22	0.22	0.00	0.06
Male	PCB		1.00	0.66	0.83	0.24		0.08	0.06	0.07	0.02	0.02
	Total		3.60	3.30	3.45	0.21		0.30	0.28	0.29	0.02	0.08
	PCDD/F	16-30	2.30	3.00	2.65	0.49	21.63	0.50	0.65	0.57	0.11	0.16
	PCB		0.79	1.00	0.90	0.15		0.17	0.22	0.19	0.03	0.05
	Total		3.09	4.00	3.55	0.64		0.67	0.87	0.77	0.14	0.22
	PCDD/F	31-45	4.40	4.70	4.55	0.21	24.38	1.07	1.15	1.11	0.05	0.31
	PCB		2.30	2.40	2.35	0.07		0.56	0.59	0.57	0.02	0.16
	Total		6.70	7.10	6.90	0.28		1.63	1.73	1.68	0.07	0.47
	PCDD/F	46-60	7.10	6.90	7.00	0.14	24.61	1.75	1.70	1.72	0.03	0.48
	PCB		4.40	4.50	4.45	0.07		1.08	1.11	1.10	0.02	0.31
	Total		11.50	11.40	11.45	0.07		2.83	2.81	2.82	0.02	0.79
	PCDD/F	>60	8.20	11.00	9.60	1.98	23.48	1.93	2.58	2.25	0.46	0.63
	PCB		7.40	7.10	7.25	0.21		1.74	1.67	1.70	0.05	0.48
	Total		15.60	18.10	16.85	1.77		3.66	4.25	3.96	0.42	1.11
Rural	PCDD/F	<16	2.50	2.40	2.45	0.07	28.41	0.71	0.68	0.70	0.02	0.20
Female	PCB		4.70	0.95	2.83	2.65		1.34	0.27	0.80	0.75	0.23
	Total		7.20	3.35	5.28	2.72		2.05	0.95	1.50	0.77	0.42
	PCDD/F	16-30	2.60	1.10	1.85	1.06	31.58	0.82	0.35	0.58	0.33	0.16
	PCB		0.78	3.10	1.94	1.64		0.25	0.98	0.61	0.52	0.17
	Total		3.38	4.20	3.79	0.58		1.07	1.33	1.20	0.18	0.34
	PCDD/F	31-45	5.30	5.10	5.20	0.14	35.73	1.89	1.82	1.86	0.05	0.52
	PCB		1.40	1.60	1.50	0.14		0.50	0.57	0.54	0.05	0.15
	Total		6.70	6.70	6.70	0.00		2.39	2.39	2.39	0.00	0.67
	PCDD/F	46-60	7.80	7.50	7.65	0.21	39.88	3.11	2.99	3.05	0.08	0.86
	PCB		4.20	4.50	4.35	0.21		1.67	1.79	1.73	0.08	0.49
	Total		12.00	12.00	12.00	0.00		4.79	4.79	4.79	0.00	1.35
	PCDD/F	>60	14.00	15.00	14.50	0.71	40.18	5.63	6.03	5.83	0.28	1.64
	PCB		7.70	12.00	9.85	3.04		3.09	4.82	3.96	1.22	1.11
	Total		21.70	27.00	24.35	3.75		8.72	10.85	9.78	1.51	2.75

Appendix 9 Minimum, Maximum, Weighted Mean and Median Values for Breast Milk Samples - 1993 and 2001-2003 Studies

	1993 Breast Milk Sample Data				2003 Breast Milk Sample Data			
	Min	**Max**	**Wtd Mean**	**Median**	**Min**	**Max**	**Wtd Mean**	**Median**
WHO-TEF - PCDD/Fs								
Lower bound	8.4	11.8	10.3	10.6	3.7	9.7	5.7	5.5
Middle Bound	9.0	12.0	10.6	10.8	3.7	9.8	5.8	5.6
Upper Bound	9.6	12.2	10.9	11.0	3.7	9.9	5.9	5.7
WHO-TEF - PCBs								
Lower bound	3.7	7.4	5.1	4.2	1.8	5.4	3.1	2.6
Middle Bound	3.7	7.4	5.1	4.2	1.8	5.4	3.1	2.6
Upper Bound	3.7	7.4	5.1	4.2	1.8	5.4	3.1	2.6
WHO-TEF - Total								
Lower bound	14.3	15.9	15.4	15.9	6.0	15.1	8.8	8.9
Middle Bound	14.5	16.4	15.7	16.2	6.0	15.1	8.9	8.9
Upper Bound	14.6	17.0	16.0	16.4	6.0	15.1	9.0	8.9

Appendix 10 Mean PCDD/F, PCB and Total WHO-TEQs by Region - Industrial, Urban and Rural

	Mean Values (pg/g lipid)		
	Urban Regions (n=12)	**Industrial Regions (n=2)**	**Rural Regions (n=3)**
WHO-TEF - PCDD/F			
Lower bound	6.2	4.4	5.3
Middle Bound	6.2	4.6	5.4
Upper Bound	6.3	4.9	5.5
WHO-TEF PCB			
Lower bound	3.1	3.3	2.8
Middle Bound	3.1	3.4	2.8
Upper Bound	3.1	3.4	2.8
WHO-TEF Total			
Lower bound	9.3	7.7	8.1
Middle Bound	9.3	8.0	8.2
Upper Bound	9.4	8.2	8.2

Appendix 11 Foods analysed for dioxins

Food	Number of composite samples analysed	Number of Purchases included in each composite sample
Meat & Meat Products		
Bacon	10	3
Beef, minced	14	4
Hamburger	10	3
Lamb chops	11	3
Leg ham[1]	9	3
Sausages, meat, thick	11	3
Liver pate (chicken)	4	3
Dairy Products		
Butter[31]	10	3
Chocolate, milk[1]	1	3
Milk, whole[1]	13	4
Infant formula[1]	5	3
Margarine/Table spread	6	4
Fish		
Fish fillets[1]	10	3
Fish portions	9	3
Tuna, Canned[1]	5	3
Poultry & Eggs		
Eggs[1]	13	4
Chicken breasts[1]	11	3
Cereal Products		
Bread, white[1]	3	4
Other Foods		
Baked beans[1]	3	3
Orange juice[1]	3	4
Peanut butter[1]	4	3
Potatoes[1]	3	4
Total Samples (Total foods)	**165** (22)	

[1]Additional sample collection performed by AGAL.

Appendix 12 95th percentile estimated monthly dietary exposure to dioxins per kilogram of body weight.

Sex	Age group	PCDD/Fs (pg WHO-TEQ/kg bw/month)		PCBs (pg WHO-TEQ/kg bw/month)		Total Dioxins (pg WHO-TEQ/kg bw/month)	
		Lower Bound	Upper Bound	Lower Bound	Upper Bound	Lower Bound	Upper Bound
All	2+	2.9	23.7	13.2	16.9	16.1	40.6
Males	2+	3.2	25.0	14.5	18.4	17.7	43.3
Females	2+	2.7	22.4	12.1	16.0	14.8	38.4
Toddlers	2-4	4.0	43.6	8.0	22.6	12.1	66.2
Males	4-15	3.5	33.2	8.3	18.7	11.8	51.9
Females	4-15	3.2	29.0	8.5	17.4	11.7	46.4
Males	16-29	3.5	21.3	15.8	18.6	19.3	39.9
Females	16-29	2.2	17.7	10.4	13.3	12.6	31.0
Males	30-44	3.0	18.1	15.4	17.3	18.4	35.4
Females	30-44	2.2	16.1	9.3	11.9	11.5	28.0
Males	45-59	2.9	16.5	14.9	16.6	17.8	33.1
Females	45-59	2.8	14.8	15.6	17.4	18.4	32.2
Males	60+	3.0	14.9	16.7	18.8	19.7	33.6
Females	60+	2.3	14.8	12.5	14.0	14.9	28.8

TMI = 70 pg TEQ/kg bw/month
Total dioxins = sum of intakes of PCDD/Fs and PCBs. Total dioxins may not equal the sum of the separate intakes due to rounding.
Estimated dietary exposures are based on food consumption data from the 1995 NNS

Appendix 13 Percent contribution of food groups to PCDD/F mean dietary exposures for each population group

Food Name	9 months	2+ years			2-4 years	4-15 years		16-29 years		30-44 years		45-59 years		60+ years	
	All	All	Males	Females	All	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Fish fillets, including crustacea and molluscs	6	39	40	38	18	26	24	35	35	45	39	44	46	47	44
Milk (full fat) including cheese, icecream and infant dessert	10	31	30	33	55	45	44	33	35	25	31	25	28	24	29
Bacon	1	7	8	6	2	5	6	9	7	8	7	7	7	8	6
White bread, including all cereal products	2	4	4	4	5	5	5	4	5	4	5	4	4	4	4
Peanut butter	0	4	5	4	8	5	7	4	5	5	4	5	3	3	3
Potatoes, including all vegetables	1	3	3	4	2	2	3	3	3	3	4	3	4	3	4
Butter	0	2	2	2	1	1	2	2	2	2	2	2	2	3	3
Beef, minced	0	2	2	2	1	1	1	2	2	2	2	2	1	2	1
Eggs	0	2	2	2	1	2	2	2	2	2	2	2	2	2	2
Milk chocolate	1	1	1	1	2	2	3	2	2	1	2	1	1	0	1
Chicken breasts	0	1	1	1	1	1	1	1	2	1	1	1	1	1	1
Sausages, meat, thick	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Margarine, table spread	0	1	1	1	0	1	1	1	1	0	0	0	0	1	1
Infant formula	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Percentage food contributions to PCDD/F and PCB exposure based on ‘lower bound’ values.

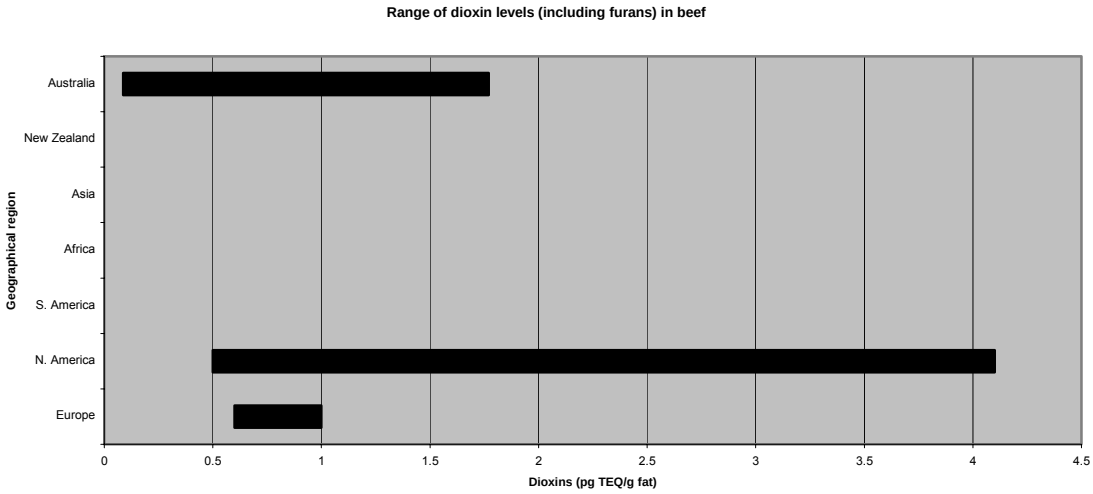
Appendix 14 Percent contribution of food groups to PCB mean dietary exposures for each population group

Food Name	9 months	2+ years			2-4 years	4-15 years		16-29 years		30-44 years		45-59 years		60+ years	
	All	All	Males	Females	All	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Fish fillets, including crustacea and molluscs	26	72	73	71	49	60	57	68	68	76	72	75	77	78	76
Milk (full fat) including cheese, icecream and infant dessert	4	11	11	12	30	21	21	13	13	9	11	8	9	8	10
Beef, minced	1	3	3	3	2	3	3	4	3	3	3	3	2	3	2
Chicken breasts	1	2	2	2	2	2	2	3	3	2	2	2	1	1	2
Bacon	1	2	2	2	1	2	2	2	2	2	2	2	2	2	1
Sausages, meat, thick	1	2	2	1	3	3	3	2	1	1	1	2	1	1	1
Tuna, canned	1	2	1	2	1	1	2	1	2	1	2	2	2	1	2
Eggs	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Butter	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
White bread, including all cereal products	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
Lamb chops	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Orange juice, including all fruit	2	1	1	1	2	1	1	1	1	0	1	1	1	1	1
Milk chocolate	1	1	1	1	1	1	2	1	1	0	1	0	0	0	0
Margarine, table spread	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0
Infant Formula	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Baked beans	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0

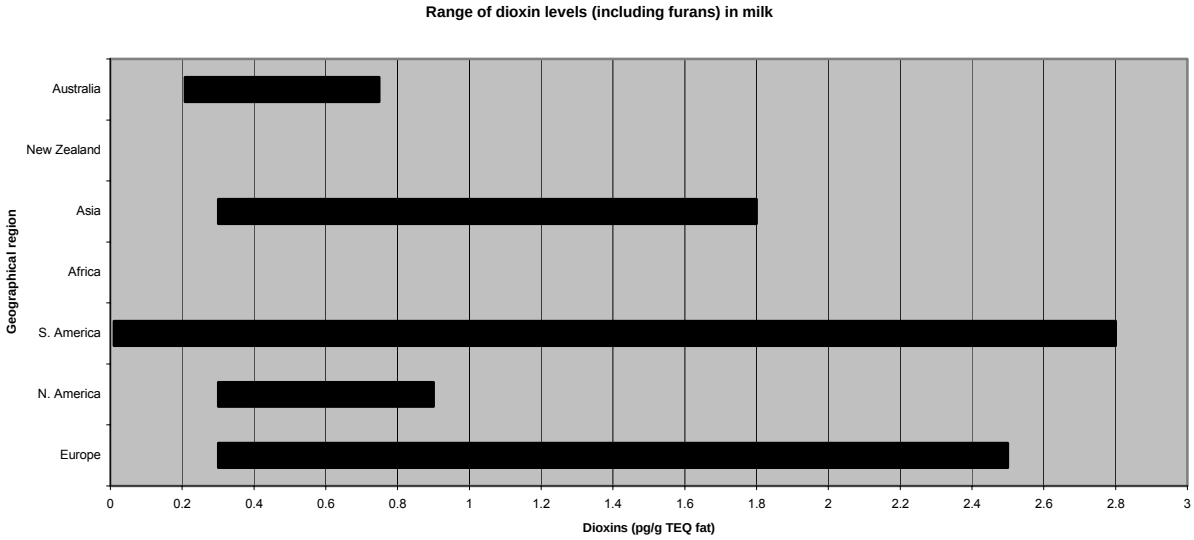
Percentage food contributions to PCDD/F and PCB exposure based on ‘lower bound’ values.

Appendix 15 An international comparison of the range of dioxins in agricultural commodities

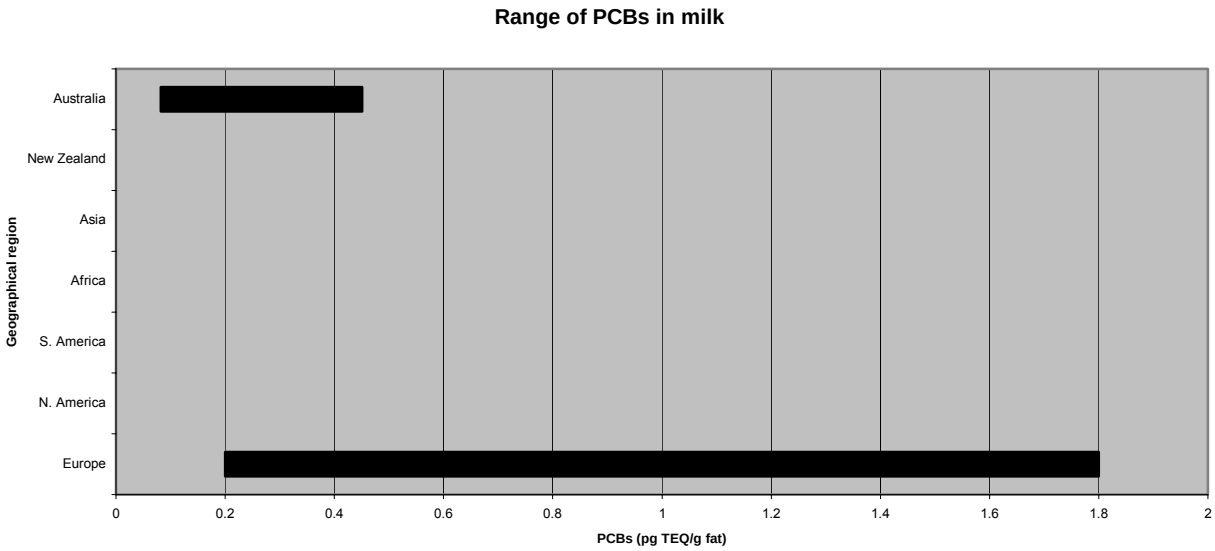
Range of PCDD/Fs in beef



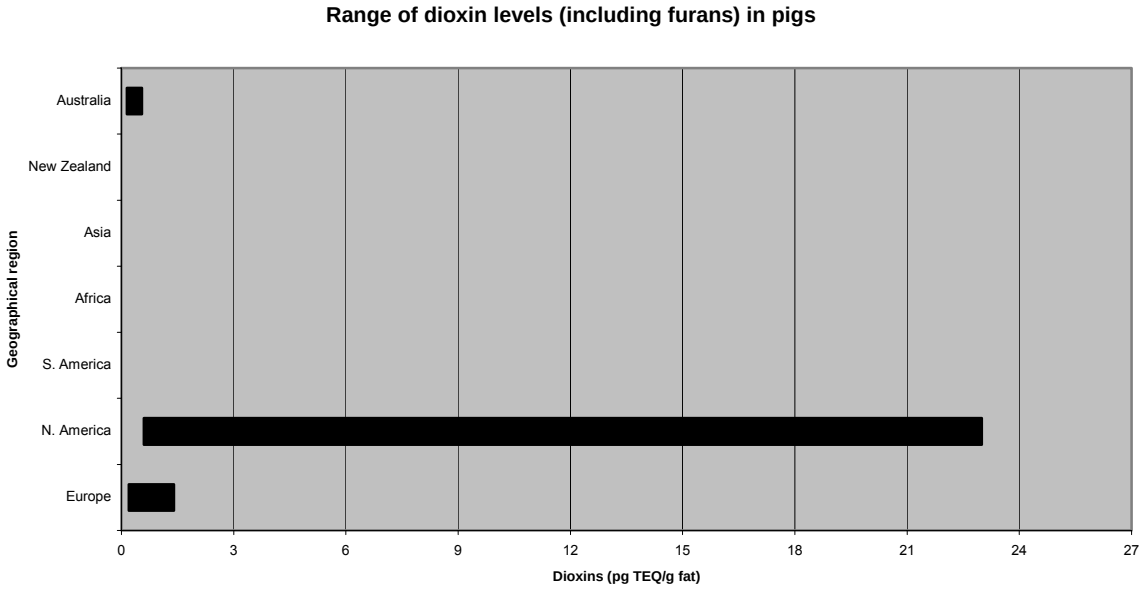
Range of PCDD/Fs in milk



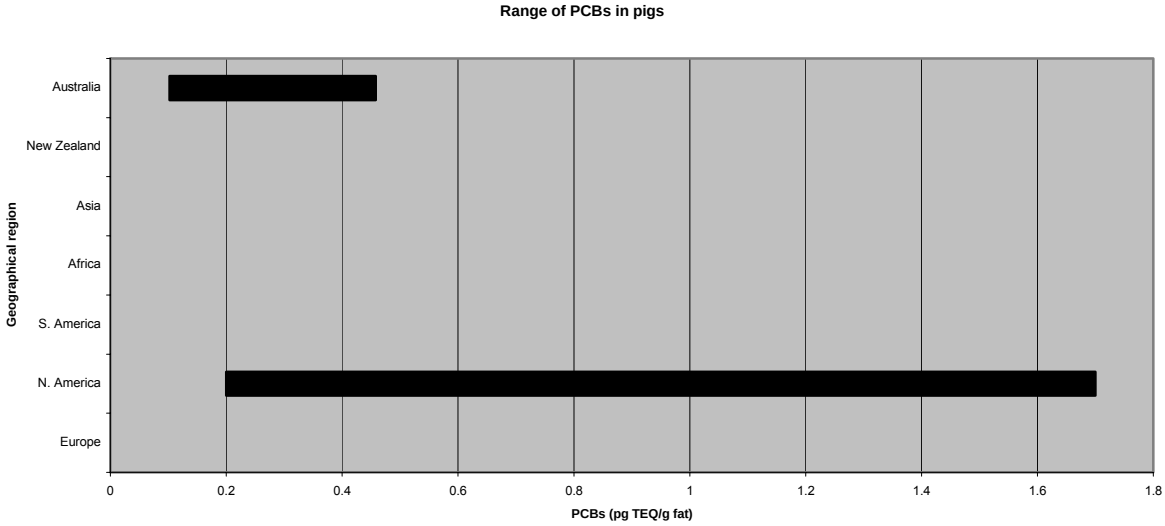
Range of PCBs in milk



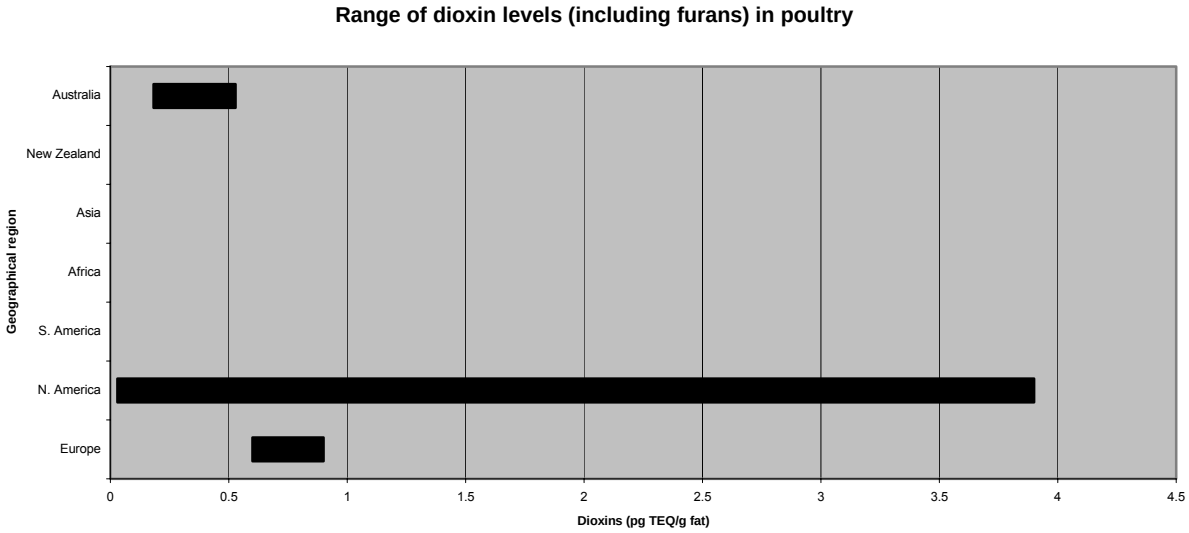
Range of PCDD/Fs in pigs



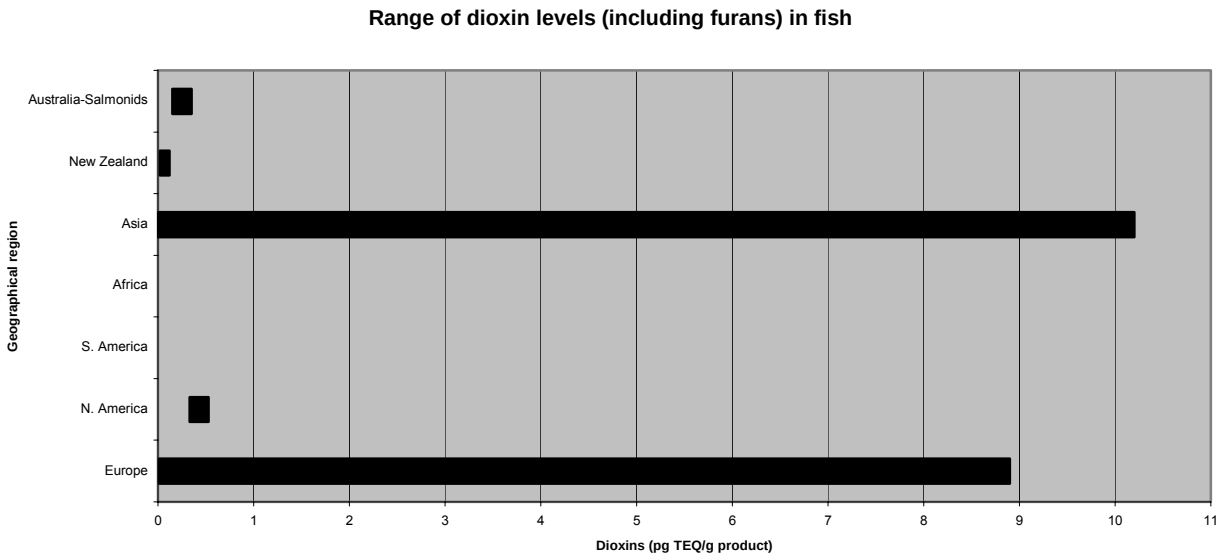
Range of PCBs in pigs



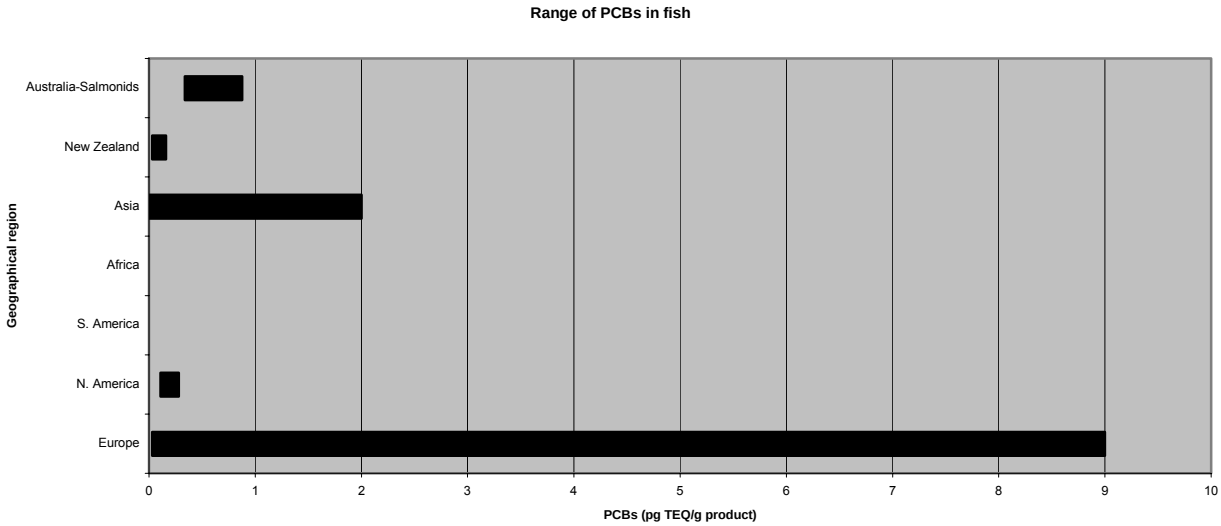
Range of PCDD/Fs in poultry



Range of PCDD/Fs in fish



Range of PCBs in fish



Appendix 16 Summarised Ambient Air Data from the DEH Ambient Air Study

		LOWER BOUND			MID BOUND			UPPER BOUND		
		DF	**PCB**	**DFPCB**	**DF**	**PCB**	**DFPCB**	**DF**	**PCB**	**DFPCB**
URBAN	**min**	0.14	0.14	0.38	0.37	0.19	0.75	0.58	0.24	1.09
	max	63.42	12.31	65.12	63.42	12.33	65.12	63.42	12.32	65.12
n=76	**mean**	11.77	1.84	13.61	12.14	1.86	14.00	12.49	1.88	14.37
	median	4.80	1.49	7.22	4.98	1.50	7.59	5.36	1.60	7.91
	SD	15.01	1.95	15.28	14.88	1.94	15.13	14.72	1.93	14.96
RURAL	**min**	0.01	0.08	0.15	0.31	0.10	0.65	0.47	0.12	0.81
	max	15.70	1.70	15.78	16.01	1.70	16.11	16.31	1.70	16.43
n=19	**mean**	1.52	0.42	1.94	1.93	0.45	2.38	2.35	0.47	2.82
	median	0.31	0.28	0.74	0.70	0.33	1.02	1.21	0.38	1.48
	SD	3.55	0.41	3.54	3.53	0.40	3.53	3.54	0.39	3.54
REMOTE	**min**	0.00	0.01	0.04	0.23	0.03	0.35	0.42	0.04	0.63
	max	4.43	0.41	4.67	4.43	0.40	4.68	4.44	0.41	4.68
n=10	**mean**	0.64	0.09	0.73	1.00	0.11	1.11	1.34	0.13	1.47
	median	0.07	0.04	0.12	0.48	0.07	0.62	0.95	0.09	1.01
	SD	1.37	0.13	1.42	1.27	0.12	1.30	1.24	0.11	1.26

Appendix 17 Formulae and Assumptions Used in Estimating the Intake and Systemic Exposure to Dioxins from Soil

Intake from ingestion of soil was calculated according to following formula:

$$\frac{\text{Dioxin concentration in soil x amount of soil ingested/day x 30}}{\text{Body weight}}$$

Systemic exposure from ingestion of soil was calculated according to following formula:

$$\frac{\text{Dioxin concentration in soil x amount of soil ingested/day x fraction absorbed x 30}}{\text{Body weight}}$$

For both the intake and systemic exposures, the amount of soil ingested was assumed to be 100 mg/day for child (1-5 years old) and 25 mg/day for adult. Body weights used were 15 kg for a 3 year old child and 70 kg for an adult (EnHealth, 2003; EnHealth, 2002; US EPA, 2002). The fraction of dioxins absorbed from soil was taken as 0.5, which was considered appropriate on the basis of results reported in animal and *in vitro* studies (Shu et al, 1988, Ruby et al, 2002)

Monthly systemic exposure from dermal contact with soil was estimated according to the following formula:

$$\frac{\text{Dioxin concentration in soil x area of exposed skin x dermal adherence x fraction absorbed x 30}}{\text{Body weight}}$$

Body weights used were as outlined above. Areas of exposed skin used were:
Child 1992 cm^2 =30% of total skin surface area (EnHealth, 2003; US EPA, 2002)
Adult 4700 cm^2 =24% of total skin surface area (EnHealth, 2003)

Since the draft Australian Exposure Assessment Handbook lacks dermal adherence factors for both children and adults, the dermal adherence factors used were 0.2 mg/cm^2 for a child and 0.07 mg/cm^2 for an adult (US EPA, 2001b). The fraction of PCDD/Fs absorbed was 0.03 and the fraction of PCBs absorbed through the skin was 0.14 (US EPA, 2001b). It was also assumed that dermal contact with soils occurred to the same extent every day of the year over a lifetime.

Appendix 18 Estimated monthly dietary exposures to PCDD/F, PCBs and total dioxins, as a percentage of the TMI.

Sex	Age group	PCDD/F (% TMI)		PCBs (% TMI)		Total Dioxins (% TMI)	
		Lower Bound	Upper Bound	Lower Bound	Upper Bound	Lower Bound	Upper Bound
All	2+	1	15	4	8	5	22
Males	2+	1	16	4	8	6	24
Females	2+	1	14	4	7	5	21
Infants	9 months	7	77	10	17	17	87
Toddlers	2-4	3	36	6	17	9	52
Males	4-15	2	25	5	12	7	37
Females	4-15	2	21	4	10	6	31
Males	16-29	1	15	4	8	6	23
Females	16-29	1	13	3	7	4	19
Males	30-44	1	13	5	8	6	21
Females	30-44	1	11	3	6	4	18
Males	45-59	1	12	4	7	5	19
Females	45-59	1	11	4	6	5	17
Males	60+	1	11	4	7	5	18
Females	60+	1	11	3	6	4	17

TMI = 70 pg TEQ/kg bw/month

Total dioxins = sum of intakes of PCDD/F and PCBs. Total dioxins may not equal the sum of the separate intakes due to rounding.

95th percentile dietary exposure to dioxins as a percentage of the TMI

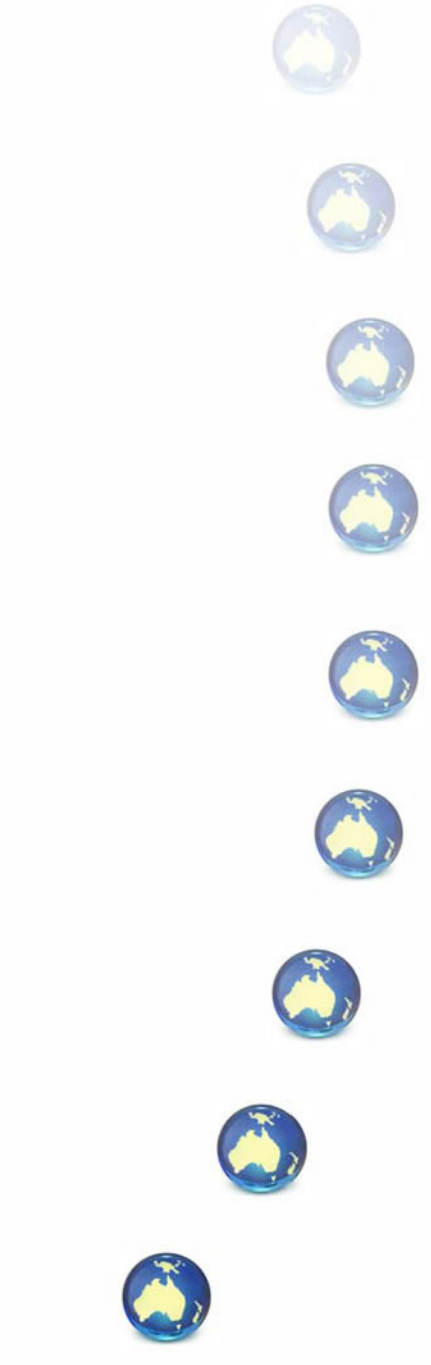
Sex	Age group	PCDD/F (% TMI)		PCBs (% TMI)		Total Dioxins (% TMI)	
		Lower Bound	Upper Bound	Lower Bound	Upper Bound	Lower Bound	Upper Bound
All	2+	4	34	19	24	23	58
Males	2+	5	36	21	26	25	62
Females	2+	4	32	17	23	21	55
Toddlers	2-4	6	62	11	32	17	95
Males	4-15	5	47	12	27	17	74
Females	4-15	5	41	12	25	17	66
Males	16-29	5	30	23	27	28	57
Females	16-29	3	25	15	19	18	44
Males	30-44	4	26	22	25	26	51
Females	30-44	3	23	13	17	16	40
Males	45-59	4	24	21	24	25	47
Females	45-59	4	21	22	25	26	46
Males	60+	4	21	24	27	28	48
Females	60+	3	21	18	20	21	41

TMI = 70 pg TEQ/kg bw/month
Total dioxins = sum of intakes of dioxins-furans and PCBs. Total dioxins may not equal the sum of the separate intakes due to rounding.
Estimated dietary exposures are based on food consumption data from the 1995 NNS
Infant estimated dietary exposures are based on a constructed infant diet (see Section 3.2.2).

Appendix 19 Toxic Equivalency Factors (TEFs)

Congener		EPA/87[a]	NATO/88[b]	WHO/94[c]	WHO/98[d]
PCDDs					
2,3,7,8-TCDD		1	1		1
1,2,3,7,8-PeCDD		0.5	0.5		1
1,2,3,4,7,8-HxCDD		0.04	0.1		0.1
1,2,3,7,8,9-HxCDD		0.04	0.1		0.1
1,2,3,6,7,8-HxCDD		0.04	0.1		0.1
1,2,3,4,6,7,8-HpCDD		0.001	0.1		0.01
1,2,3,4,6,7,8,9-OCDD		0	0.001		0.0001
PCDFs					
2,3,7,8-TCDF		0.1	0.1		0.1
1,2,3,7,8-PeCDF		0.1	0.05		0.05
2,3,4,7,8-PeCDF		0.1	0.5		0.5
1,2,3,4,7,8-HxCDF		0.01	0.1		0.1
1,2,3,7,8,9-HxCDF		0.01	0.1		0.1
1,2,3,6,7,8-HxCDF		0.01	0.1		0.1
2,3,4,6,7,8-HxCDF		0.01	0.1		0.1
1,2,3,4,6,7,8-HpCDF		0.001	0.01		0.01
1,2,3,4,7,8,9-HpCDF		0.001	0.01		0.01
1,2,3,4,6,7,8,9-OCDF		0	0.001		0.0001
PCBs					
IUPAC #	**Structure**				
77	3,3',4,4'-TCB			0.0005	0.0001
81	3,4,4',5-TCB			-	0.0001
105	2,3,3',4,4'-PeCB			0.0001	0.0001
114	2,3,4,4',5-PeCB			0.0005	0.0005
118	2,3',4,4',5-PeCB			0.0001	0.0001
123	2',3,4,4',5-PeCB			0.0001	0.0001
126	3,3',4,4',5-PeCB			0.1	0.1
156	2,3,3',4,4',5-HxCB			0.0005	0.0005
157	2,3,3',4,4',5'-HxCB			0.0005	0.0005
167	2,3',4,4',5,5'-HxCB			0.00001	0.00001
169	3,3',4,4',5,5'-HxCB			0.01	0.01
170	2,2',3,3',4,4',5-HpCB			0.0001	-
180	2,2',3,4,4',5,5'-HpCB			0.00001	-
189	2,3,3',4,4',5,5'-HpCB			0.0001	0.0001

[a] US EPA, 1987
[b] NATO/CCMS, 1988
[c] Ahlborg et al, 1994
[d] van den Berg et al, 1998



EPHC

National Dioxins Program - National Action Plan for addressing Dioxins in Australia

October 2005

Environment Protection and Heritage Council

NOTE

This National Action Plan has been developed by a Project Team of government officers, at the request of the Environment Protection and Heritage Council. The views and opinions expressed in this publication do not necessarily reflect those of any members or member government of the Environment Protection and Heritage Council.

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PREFACE

At its 11th meeting on 1 July 2005, the Environment Protection and Heritage Council (EPHC) agreed to release the draft *National Action Plan for Addressing Dioxins in Australia* for an eight-week public comment period.

Fourteen submissions were received and taken into consideration in preparing a revised Plan. A summary of the comments provided is included in Appendix 2.

The EPHC has agreed that this revised Action Plan will be the guiding document for addressing dioxins in Australia. The plan will be implemented in consultation with other ministerial councils with an interest in dioxins including Food Regulation, Primary Industries and Health.

The Action Plan will contribute towards meeting Australia's obligations in relation to reducing dioxin releases as required under Article 5 of the Stockholm Convention. The Action Plan will become part of Australia's National Implementation Plan (NIP) which will set out how we will meet broader obligations under the Convention.

The plan will be amended from time to time to reflect international moves aimed at minimising, and where feasible, ultimate elimination of dioxin releases.

Further information about this plan should be made to:

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EXECUTIVE SUMMARY

This National Action Plan sets out a range of actions that will be taken by Australian governments to minimise, and where feasible, ultimate elimination of dioxin releases. The actions include:

Air emissions

- Governments to adopt or reaffirm 0.1 ng TEQ/m^3 as a guideline emission level for new combustion facilities and for existing combustion facilities when they are upgraded.
- Governments to use recommendations in the Stockholm Convention Best Available Techniques and Best Environmental Practices guidance for new facilities and for existing facilities when they are upgraded.
- Governments to continue with existing measures aimed at reducing particle emissions from domestic woodheaters including community education on the correct operating practices for woodheaters, seeking improvements to woodheater installation and emission standards, and sponsoring research to improve our understanding of woodheater emissions.
- The Australian Government to monitor overseas research looking at emissions of dioxins from diesel, LPG and CNG vehicles to determine whether further action is required in Australia.
- Australian Government to undertake further research on dioxin emissions from bushfires to provide firmer evidence of dioxins to help governments determine appropriate response measures, if any.
- The EPHC Air Toxics Working Group to utilise NDP Ambient Air study data when assessing the relative priority of dioxins, for possible inclusion in the Air Toxics NEPM.

Soils

- In the review of the Site Contamination NEPM during 2005/2006, consider including health-based investigation levels for dioxins. Investigation level for sites contaminated with dioxins may provide guidance which will lead to uniformity of site risk assessment. Consider the feasibility of a screening process for identifying sites where dioxins could be present.
- Governments to continue best efforts towards remediating sites contaminated with significant levels of dioxins and undertake this work in an environmentally sound manner.
- Australian Government to consider further research to improve our knowledge of natural dioxins formation, and the sources and exposure risks of dioxins in the soils of coastal eastern Australia.

Water

- Governments to consider including a level for dioxins in water when undertaking a future update of the Australian and New Zealand Guidelines for Fresh and Marine Water Quality 2000.

Sediments

- Governments to consider including a level for dioxins in sediments when undertaking a future update of the Australian and New Zealand Guidelines for Fresh and Marine Water Quality 2000.

Sediments

- Governments to consider including a level for dioxins in sediments when undertaking a future update of the Australian and New Zealand Guidelines for Fresh and Marine Water Quality 2000.

Biota

- Subject to resources, the Australian Government to give consideration to undertaking further studies of biota in order to assess whether source directed measures are having the desired effect in lowering dioxin levels in the environment.

Wastes

- Where information identifies environmental or human health risks from dioxins in water recycling and biosolids activities, governments to consider including a level for dioxins when undertaking a future update of the National Water Quality Management Strategy (NWQMS):
    - Guidelines for Water Recycling – Managing Health and Environmental Risks
    - Guidelines for Sewerage Systems – Biosolids Management
- Governments to consider including a level for dioxins when undertaking a review of the NWQMS Guidelines for Sewerage Systems: Acceptance of Trade Waste (Industrial Waste) 1994.
- Governments to take into account the Stockholm Convention Best Available Techniques and Best Environmental Practices guidance for production of pulp when new mills or modifications to existing mills are proposed.
- Governments to set a level for dioxins in fertilisers and industrial residues when applied to land for soil amelioration purposes.
- No further action required at this time to amend the level of dioxins and furans in re-refined base oil.
- Governments to continue the removal from use and destruction of scheduled wastes in accordance with the three plans under the National Strategy for the Management of Scheduled Waste.
- Governments to ensure that the Stockholm Convention guidance on Best Available Techniques and Best Environmental Practices is considered in selecting the process to treat the HCB waste so as to prevent or minimise the formation and release of dioxins.

National Pollutant Inventory

- Governments to consider reporting dioxins in toxic equivalents (TEQs) under the National Pollutant Inventory.

Human intake

- Governments to continue with existing programs that discourage cigarette smoking and promote lower saturated fat intake.
- Government to continue to promote the health benefits of exclusive breastfeeding to the age of six months, then the introduction of complementary foods and continued breastfeeding thereafter.

- Subject to resources, governments to consider periodically monitoring the population burden of dioxins in order to assess whether risk reduction strategies are having the desired effect in lowering dioxin levels in humans.

Agricultural products

- Subject to resources, Australian Government to give consideration to undertaking a study in ten years in order to ensure dioxin levels in livestock commodities remain within international and domestic standards.
- The Australian Government to work with Australian animal production industries to support implementation of voluntary measures to address hazards, including dioxins, in animal feeds.

Food

- Subject to resources, give consideration to undertaking a study in ten years to determine if dioxins levels in food have remained low.
- Consider setting maximum levels or generally expected levels for dioxins in food, should a future survey reveal that source-directed measures have been ineffective at reducing dioxin levels in foods.

Other actions

- The Australian Government to continue investigating possible legislative avenues with which it can address dioxins in the environment, as obliged under the Stockholm Convention.

Glossary

ATDS	Australian Total Diet Survey
BAT	Best Available Techniques
BEP	Best Environmental Practices
COP	Conference of Parties
CSIRO	Commonwealth Scientific and Industrial Research Organisation
DAFF	Department of Agriculture, Fisheries and Forestry
DEH	Department of the Environment and Heritage
EPA	Environment Protection Authority / Agency
EPBC Act	Environment Protection and Biodiversity Conservation Act
EPHC	Environment Protection and Heritage Council
EU	European Union
FRSC	Food Regulation Standing Committee
FSANZ	Food Standards Australia and New Zealand
HCB	Hexachlorobenzene
MfE	Ministry for the Environment, New Zealand
MRL	Maximum Residue Limit
NAP	National Action Plan
NATO CCMS	North Atlantic Treaty Organization Committee on the Challenges to Modern Society
NEPC	National Environment Protection Council
NEPM	National Environment Protection Measure
NDP	National Dioxins Program
NPI	National Pollutant Inventory
NRS	National Residue Survey
NWQMS	National Water Quality Management Strategy
OCP	Organochlorine Pesticides
PCBs	Polychlorinated biphenyls
PCDDs	Polychlorinated dibenzodioxins (dioxins)
PCDFs	Polychlorinated dibenzofurans (furans)
POPs	Persistent Organic Pollutants
TCDD	2,3,7,8-Tetrachlorodibenzo-p-dioxin, the most toxic dioxin
TEF	Toxic Equivalency Factors

TEQ	Toxic Equivalents
UNEP	United Nations Environment Program
WHO	World Health Organization

Units of measurements

	Symbol	
Milligrams	mg	1×10^{-3} (0.001g)
Microgram	μg	1×10^{-6} (0.000 001g)
Nanogram	ng	1×10^{-9} (0.000 000 001g)
Picogram	pg	1×10^{-12} (0.000 000 000 001g)
Femtograms	fg	1×10^{-15} (0.000 000 000 000 001g)

1. BACKGROUND

1.1 National Dioxins Program

The Commonwealth Government provided $5 million over four years towards the National Dioxins Program (NDP), a program to improve our knowledge on dioxin levels in Australia and to determine the risk to both human health and the environment.

The NDP began in 2001 and is being implemented in three phases. Phase one involved gathering information about the current levels of dioxins in the Australian environment, community, food and levels of emissions. Studies under this part of the program began in July 2001 and were completed in 2004.

Phase two used the information gathered in the phase one studies to undertake a risk assessment to determine the potential risks of dioxins to the environment. An assessment was also made of the potential risks for human health from exposure to dioxins either directly from the environment or from dioxins in food. The findings of the studies and the risk assessments are contained in a series of twelve technical reports – see the Reference section for more details.

The final phase of the NDP is to implement appropriate measures aimed at reducing, and where feasible, eliminating the release of dioxins in Australia. This Action Plan outlines a range of actions to be implemented.

The Action Plan was released on 1 July 2005 for an eight-week public comment period ending on 26 August 2005 with fourteen submissions received from organisations and individuals.

1.2 What are dioxins?

The term "dioxins" describes a group of compounds that belong to the larger family of persistent organic pollutants. These compounds share similar chemical structures, properties and biological characteristics including toxicity. These compounds can accumulate in the body fat of animals and humans and tend to remain unchanged for long periods. Several hundred of these compounds exist and are members of three closely related families:

- polychlorinated dibenzo-p-dioxins (PCDDs or dioxins)
- polychlorinated dibenzofurans (PCDFs or furans)
- certain co-planar polychlorinated biphenyls (PCBs).

Dioxins are not deliberately produced, but are released into the environment as a result of combustion activities including power generation, waste incineration, metal smelting, the manufacture of some chemicals, as well as from natural sources such as bushfires and volcanoes. It is estimated that over 96 per cent of dioxins present in the environment have originated from emissions to air. PCBs were produced commercially in large quantities until the late 1970s and used in electrical appliances, such as transformers and capacitors, hydraulic fluids, plasticisers and dye carriers. Some types of PCBs are also generated and released into the environment as unintentional by-products of chemical manufacturing and combustion processes.

The NDP has focused on the 29 most toxic of these compounds which are recognised internationally as being harmful to humans and animals. These are listed in Table 1. To assist the reader, the term "dioxins" is used in this paper to refer to the three families, but there are instances where specific mention is made to furans and PCBs.

Table 1: Dioxin, furans and PCB toxic equivalent factors (both I-TEF or NATO and WHO_{98} TEF).

Congener	IUPAC No.	NATO CCMS or $WH0_{94}$-TEF	WHO_{98}-TEF [3]
Dioxins[a]			
2,3,7,8-TetraCDD [a]	-	1 [1]	1
1,2,3,7,8-PentaCDD	-	0.5	1
1,2,3,4,7,8-HexaCDD	-	0.1	0.1
1,2,3,6,7,8-HexaCDD	-	0.1	0.1
1,2,3,7,8,9-HexaCDD	-	0.1	0.1
1,2,3,4,6,7,8-HeptaCDD	-	0.01	0.01
OctaCDD	-	0.001	0.0001
Furans[b]			
2,3,7,8-TetraCDF [b]	-	0.1	0.1
1,2,3,7,8-PentaCDF	-	0.05	0.05
2,3,4,7,8-PentaCDF	-	0.5	0.5
1,2,3,4,7,8-HexaCDF	-	0.1	0.1
1,2,3,6,7,8-HexaCDF	-	0.1	0.1
1,2,3,7,8,9-HexaCDF	-	0.1	0.1
2,3,4,6,7,8-HexaCDF	-	0.1	0.1
1,2,3,4,6,7,8-HeptaCDF	-	0.01	0.01
1,2,3,4,7,8,9-HeptaCDF	-	0.01	0.01
OctaCDF	-	0.001	0.0001
Non-ortho PCB [c]			
3,3',4,4'-tetrachlorobiphenyl	PCB#77	0.0005 [2]	0.0001
3,4,4',5-tetrachlorobiphenyl	PCB#81	-	0.0001
3,3',4,4',5-pentachlorobiphenyl	PCB#126	0.1	0.1
3,3',4,4',5,5'-hexachlorobiphenyl	PCB#169	0.01	0.01
Mono-ortho PCB [c]			
2,3,3',4,4'-pentachlorobiphenyl	PCB#105	0.0001	0.0001
2,3,4,4',5-pentachlorobiphenyl	PCB#114	0.0005	0.0005
2,3',4,4',5-pentachlorobiphenyl	PCB#118	0.0001	0.0001
2',3,4,4',5-pentachlorobiphenyl	PCB#123	0.0001	0.0001
2,3,3',4,4',5-hexachlorobiphenyl	PCB#156	0.0005	0.0005
2,3,3',4,4',5'-hexachlorobiphenyl	PCB#157	0.0005	0.0005
2,3',4,4',5,5'-hexachlorobiphenyl	PCB#167	0.00001	0.00001
2,3,3',4,4',5,5'-heptachlorobiphenyl	PCB#189	0.0001	0.0001

2. WHAT DO WE KNOW ABOUT DIOXINS IN AUSTRALIA?

Prior to establishment of the NDP, limited Australian studies showed environmental levels were low, but a lack of information made it difficult to assess dioxin impacts on the environment and human health. Starting in mid 2001, information studies were undertaken by leading Australian scientific organisations, with assistance from overseas experts, under contract to the Australian Government Department of the Environment and Heritage (DEH). Completed in 2004, these studies involved collecting samples from a range of environments across Australia, a cross section of the community, and a range of foods and agricultural commodities. Studies also looked at emissions from bushfires and motor vehicles.

As the laboratory analysis of dioxins is very expensive, the number of samples collected for each study was limited and as a result caution must be taken with interpreting the findings. Despite these limitations, the studies provide the largest survey of dioxin levels ever undertaken in Australia and will provide valuable baseline data for comparison in future work and for determining trends.

The studies show that the ambient levels of dioxins in the environment are generally low compared with other countries and that levels in the Australian population are also low. Specifically the studies showed:

- the total emissions of dioxins to the environment from all sources range from 160-1790 g per year. Uncontrolled combustion[1] (including controlled and wildfires, waste burning and accidental fires) contributes an estimated 1360 g or around 70% of all dioxin emissions. Prescribed burning and wildfires contribute between 30-570 g per year, or about 20-30% of the total emissions. As there is still uncertainty about this estimate, the Department of the Environment and Heritage (DEH) has commissioned further research to refine it.
- ferrous and non-ferrous metal production; production of chemicals and consumer goods such as paper; fossil fuel power generation; waste disposal, landfilling and waste incinerators are other main sources of emissions, emitting 420 g or around 23%.
- domestic woodheaters contribute around 4% of dioxin emissions. As dioxin levels are higher in air in urban areas during winter, these increased levels are most likely due to smoke from these heaters. However, ambient levels of dioxins in the major cities are still low compared with other countries.
- dioxins from motor vehicles account for less than 2% of total dioxin emissions. Leaded petrol vehicles accounted for about 40-45% of total dioxins emissions in 1998. With the banning of leaded petrol in January 2002 the levels will have substantially declined.
- dioxin levels in soils are generally lower than those reported in many industrial countries. Levels in soils from urban and industrial locations are substantially higher than in agricultural and remote locations. Higher levels of dioxins were found in soils from coastal eastern Australia. It has been suggested in other studies that high dioxin levels may extend along the entire eastern coastline of Australia. The comparatively elevated levels of dioxins in these

[1] The UNEP Toolkit for Identification of Dioxins and Furan Releases defines uncontrolled combustion as covering all combustion that does not occur in controlled devices such as incinerators, stoves and boilers.

soils are so far unexplained. The other studies suggest this might be due to historical geological processes. The close proximity of these areas to the coast and possible past periods of submergence by the sea led to elevated chlorine in the soil, a known precursor for dioxin formation. The evidence for dioxin formation involving natural geological processes includes:

  - a lack of identifiable human activities that could give rise to the dioxin levels
  - the dioxin profile does not relate to any current industrial activity
  - analysis of marine sediment core samples extending prior to the European occupation also showing elevated levels of dioxins
  - the occurrence of similar dioxin profiles in soil and sediment samples from other parts of the world, e.g. Mississippi River in the USA, Germany and Finland.

- aquatic environments in urban and industrial areas had higher levels of dioxins in sediments and animals than samples from agricultural and remote locations.
- dioxins emitted to air can deposit on plant, soil and water surfaces, which can then enter the food chain when animals eat leaves, soils or sediments contaminated with dioxins. Dioxins levels in Australian fauna are highest in birds of prey due to their high position in the food chain. Marine mammals living in estuaries close to urban/industrial areas also had relatively high levels. Levels were generally much lower in herbivorous animals such as kangaroos. Overall, compared with fauna from other countries, the levels are generally low.
- the ecological risk assessment concluded that the dioxin levels in fauna reflect the animal's position on the food chain with herbivorous organisms having the lowest levels, while birds of prey had the highest levels. The assessment also concluded that fish are at low risk when exposed to the dioxins levels in the Australian aquatic environment, marine mammals living in open oceans of Australia have no risk, but dolphins in urban/industrial estuaries were at risk. Terrestrial mammals are at a low risk when exposed to background levels of dioxins.
- levels in agricultural commodities, including beef, sheep, pigs, poultry, milk and farmed salmon are low compared with levels in products from other countries. They are well below standards set by the European Union.
- levels in food are low. Food samples collected under the Food Standards Australia New Zealand diet survey were analysed and showed that fish, meat and dairy products were the major food groups contributing to dioxins exposure for the general population.
- levels of dioxins in the Australian population are low by international standards. Levels are higher in older people due to a number of factors including on-going accumulation over a lifetime, the fact that older people were exposed to much higher levels in the 1940s-1960s when regulations governing the control of industrial emissions were minimal, and potential differences in metabolism and body fat.
- for Australians aged two years or older, the monthly intake of dioxins from food was between 3.9-15.8 pg TEQ/kg body weight/month or between 6-23% of the Australian Tolerable Monthly Intake of 70 pg TEQ/kg bw/month set by the National Health and Medical Research Council.

The reports of the National Dioxins Program studies can be accessed on the DEH website at: http://www.deh.gov.au/industry/chemicals/dioxins/index.html

3. WHY ARE DIOXIN LEVELS GENERALLY LOW IN AUSTRALIA?

The generally low levels of dioxins in the Australia environment can be attributed to a number of factors. Firstly, the levels are a reflection of the relatively low level of industrial activity in Australia compared with other countries. For example, in many northern hemisphere countries, dioxin levels are high due to a number of factors such as the extensive industrial complexes which generate dioxins and past burning of municipal waste in incinerators without adequate controls for the cleaning of exhaust gases. The large populations also contribute to higher levels through emissions from sources such as domestic heating and motor vehicles. Stricter controls on dioxin emissions from these sources and the use of improved technology have seen the levels of dioxins in many of these countries decline over the past decade.

The NDP studies found that levels of dioxins were higher in urban areas than agricultural areas in Australia. These elevated levels could be attributed to emissions over many decades from sources such as industrial facilities, motor vehicles and domestic woodheaters. Some of the highest levels in urban areas were associated with former industrial sites contaminated with dioxins due to past chemical production activities.

Secondly, actions taken by Australian governments and others over the past decade to address other toxic chemicals have most likely also led to reduced emissions of dioxins. Some of these activities include:

- the implementation of clean air regulations by States and Territories requiring industrial facilities to reduce emissions either through the use of more efficient filtering systems or cleaner production techniques
- the actions by industry in monitoring and reducing emissions of dioxins
- the banning of backyard rubbish burning
- establishing programs to replace older, polluting woodheaters with appliances that contribute to better air quality, and implementing community education programs aimed at reducing particle emissions from woodheaters
- in 2002 phasing-out the use of leaded petrol which is a known source of dioxins
- Australian environment ministers rejecting a proposal in 1992 for a centralised high temperature waste disposal facility for the treatment of intractable wastes and instead promoting the separate treatment of each waste stream through programs such as the National Strategy for the Management of Scheduled Wastes[2]. Under this Strategy, three management plans were developed to phase-out and destroy organochlorine pesticides (OCPs), hxachlorobenzene (HCB) and polychlorinated biphenyls (PCBs)
- banning the manufacture and use of chemicals known to be sources of dioxins including pentachlorophenol and 2,4,5-T
- destroying OCPs and PCBs in destruction facilities which operate in accordance with world's best practice

[2] The Strategy was endorsed by environment ministers in 1993 and provides for the safe management and disposal of scheduled wastes. The Strategy provides for the development and implementation of the three national plans dealing with organochlorine pesticides, hexachlorobenzene and polychlorinated biphenyls.

- remediating old industrial sites contaminated with toxic chemicals, including dioxins, such as the 2000 Olympics site at Homebush Bay, Sydney

4. WHAT ARE THE OBLIGATIONS UNDER THE STOCKHOLM CONVENTION?

In the 1990s, countries recognised the need to take international action aimed at reducing persistent organic pollutants (POPs) to protect the environment and human health. This led to the formation of the Stockholm Convention on Persistent Organic Pollutants which entered into force on 17 May 2004. As at 2 May 2005, 151 countries had signed and 98 had ratified the Convention. Australia ratified the Convention on 20 May 2004.

The objective of the Stockholm Convention is to protect human health and the environment from the effects of POPs. The Convention sets out a range of measures to reduce and, where feasible, eliminate POP releases, including emissions of by-product POPs and to ensure the sound management of stockpiles and wastes that contain POPs.

The Convention focuses on the following twelve POPs which have been used as pesticides, industrial chemicals, or are by-products from industrial processes. These chemicals have been identified for action due to their persistence, bioaccumulation, long-range dispersion and toxicity:

Chemical	**Pesticide**	**Industrial**	**Unintentionally produced**
Aldrin	✓		
Chlordane	✓		
Dieldrin	✓		
Endrin	✓		
Heptachlor	✓		
Hexachlorobenzene (HCB)	✓	✓	✓
Mirex	✓		
Toxaphene	✓		
Polychlorinated biphenyls (PCBs)		✓	✓
DDT	✓		
Dioxins (polychlorinated dibenzo-p-dioxins)			✓
Furans (polychlorinated dibenzofurans)			✓

Under Article 5 of the Convention, Parties are obliged to take measures to reduce, and where feasible, eliminate releases of unintentionally produced POPs, including dioxins, furans, HCB and dioxin-like PCBs. Parties must set out how they would implement these obligations in a National Action Plan (NAP). The actions proposed in this paper would form the basis of Australia's NAP.

Article 5 also requires Parties to promote the development of and (where appropriate) require the use of products or processes to prevent the formation and release of unintentionally produced POPs; and promote and, in accordance with its NAP, require the use of Best Available Techniques (BAT) and Best Environmental Practices (BEP) for new sources, and where existing sources are substantially modified. The Convention defines "Best Available Techniques" as using the most effective and advanced techniques that can be practically adopted to *prevent or minimise* harmful emissions of by-product POPs and other environmental impacts, or *reduce* them to acceptable limits.

"Available" techniques means those techniques that are accessible to the operator and that are developed on a scale that allows implementation in the relevant industrial sector, under economically and technically viable conditions, taking into consideration the costs and advantages.

"Best environmental practices" means the application of the most appropriate combination of environmental control measures and strategies.

The Convention requires Parties to use BAT for **new sources** in the following categories as soon as practicable but no later than four years after the entry into force of the Convention for that Party; this would be May 2008 for Australia:

- waste incinerators, including co-incinerators of municipal, hazardous or medical waste or of sewage sludge
- cement kilns firing hazardous waste
- production of pulp using elemental chlorine or chemicals generating elemental chlorine for bleaching
- thermal processes in the metallurgical industry including secondary copper, aluminium and zinc production and sinter plants in the iron and steel industry.

Parties are also required to promote in accordance with the implementation schedule of its action plan, the use of BAT and BEP to prevent the release of dioxins for **existing sources** for the above industries as well as other categories including:

- open burning of waste, including burning of landfill sites
- thermal processes in the metallurgical industry not mentioned above
- residential combustion sources
- fossil fuel fired utility and industrial boilers
- firing installation for wood and other biomass fuels
- specific chemical production processes releasing unintentionally formed persistent organic pollutants, especially production of chlorophenols and chloranil
- crematoria
- motor vehicles, particularly those burning leaded gasoline
- destruction of animal carcasses
- textile and leather dyeing (with chloranil) and finishing (with alkaline extraction)
- shredder plants for the treatment of end of life vehicles
- smouldering of copper cables
- waste oil refineries.

An international Expert Group comprising representatives from Parties, including Australia, has developed draft guidelines on BAT and provisional guidance on BEP. These Guidelines are not prescriptive but will assist Parties in ensuring that facilities, which are known sources of dioxins, are operating in line with world's best practice. The first meeting of Conference of the Parties of the Stockholm Convention (May 2005) recommended that Parties take the draft guidelines and provisional guidance into consideration, where practicable and feasible, in activities related to unintentionally produced persistent organic pollutants. The Expert Group will undertake further work over the next two years to improve the information contained in the BAT and BEP guidelines with a

view their consideration and adoption at the third Conference of the Parties in 2007. Consideration needs to be given to determine how these guidelines will be implemented in a consistent manner in Australia and how they might be reflected in regulatory requirements in jurisdictions.

Article 6 of the Convention requires Parties to develop appropriate measures to eliminate releases of POPs from stockpiles and wastes by:

- developing appropriate strategies for identifying stockpiles, products and articles containing, consisting of or contaminated with POPs
- implementing measures to reduce or eliminate releases from stockpiles and wastes containing POPs in a manner that protects human health and the environment
- taking appropriate measures to ensure that waste products containing dioxins are handled in an environmentally friendly manner and are disposed of in a way that destroys the POPs content
- endeavouring to develop strategies for identifying sites contaminated with POPs; if remediation is required then it must be done in an environmentally sound manner.

The three management plans developed under the National Strategy for the Management of Scheduled Wastes will contribute to meeting these obligations.

5. WAYS TO ADDRESS DIOXINS IN AUSTRALIA

A review of existing national, State and Territory environmental programs and legislation shows that there are a number of measures which apply controls, standards or guidelines for chemicals. Some already cover dioxins whereas others could be modified to include, for example, a guideline level for the emissions of dioxins. Some measures are subject to review over the next one to two years and will need to consider dioxins in these reviews.

This section outlines the existing measures, identifies gaps and suggests actions to address dioxins in Australia.

Table 2 summarises dioxin emissions estimates from the top 25 emitters categories as determined in the National Dioxins Program "Inventory of Dioxin Emissions in Australia, 2004".

Table 2: Emission estimates by subcategory - top 25 emitters

Source Category	Annual Estimated Release (g TEQ/annum)			
	Air	**Water**	**Land**	**Total** [a]
Biomass burning (includes prescribed burning	240	0	1,020	1,270
Pulp and paper production	0.4	0.2	103	104
Waste burning and accidental fires	88	0	8.7	97
Zinc production	50	0	0	50
Fossil fuel power plants	14.3	0	27.7	42.0
Aluminium production	4.45	0	31.80	36.26
Sewage and sewage treatment	0	0.9	33	34
Metal ore sintering	32	0	0	32
Medical waste incineration	6.39	0.36	21.9	28.7
Household heating and cooking with biomass	20.2	0	1.6	21.8
Iron and steel production plants	20.3	0	0.03	20.3
Copper production	1	0	13	14
Composting	0	0	7.3	7.3
Diesel engines	5.4	0	0	5.4
Other non-ferrous metal production	4	0	0	4
Heavy oil fired engines	3	0	0	3
Domestic heating and cooking with fossil fuels	0.4	0	2.5	2.9
Open water dumping	0	1.5	0	1.5
Ceramics production	1	0	0	1
Lead production	0.5	0	0	0.5
Cement production	0.48	0	0	0.48
Crematoria	0.3	0	0.15	0.46
4-Stroke Engines	0.3	0	0	0.3
Landfills and waste dumps	0	0.2	0	0.2
2-Stroke engines	0.2	0	0	0.2
Other	0.06	0.05	0.7	0.9
Total	**500**	**3.2**	**1,271**	**1,778**

5.1 AIR

The inventory of dioxin emissions in Australia (NDP Technical Report No 3) shows that the main sources of dioxins to the environment are from uncontrolled combustion (includes prescribed burning and wildfires, waste burning and accidental fires) which is estimated to contribute nearly 70% of total emissions. The next highest emitters of dioxins to air are metal smelting (including zinc, aluminium, iron and steel) and fossil fuel power generation. Domestic woodheaters contribute around 4%.

Emissions from combustion facilities

The level of 0.1 ng TEQ/m^3 of dioxins has been accepted internationally as a goal for achieving best practice for controlling emissions of dioxins from combustion sources.

In Australia this level has been adopted by most States and Territories with some jurisdictions prescribing this level in legislation while others adopting it as a licence condition (Table 3). The responsibility for licensing facilities rests with the States and Territories and not the Australian Government.

Table 3: Jurisdictional regulations for dioxin emissions to air

	ACT	NSW	QLD	SA	TAS	VIC	WA
Level	0.1 ng/m^3	0.1 ng/m^3 (stack)	0.1 ng/m^3	0.1 ng/m^3	0.1 ng/m^3 * (stack)	0.1 ng/m^3 *	0.1 ng/m^3
How	Lic	Leg	Lic	Lic	Lic	Lic	Lic
Apply		New facilities and upgrades.	New facilities and upgrades		New and upgrade of old facilities. Permit conditions to reflect best practice.	New facilities	

Legend:

Leg: Prescribed through legislation

Lic: Prescribed through licensing agreements

* The new figure of 0.0037 ng/m^3 at ground level has come into effect on 1 June 2005 under the *Environment Protection Policy (Air Quality) 2004*

As discussed under Section 4, Parties under the Stockholm Convention are required from four years after entry into force for them to promote BAT and BEP for new facilities and existing facilities which are to be modified. Although these Guidelines will not be mandatory for Parties, they must be taken into consideration and will provide a valuable benchmark against which Australian governments can ensure that facilities that are known sources of dioxins are meeting world's best practice.

Actions for Governments:

Adopt or reaffirm 0.1 ng TEQ/m^3 as a guideline emission level for new combustion facilities and for existing combustion facilities when they are upgraded.

Use recommendations in the Stockholm Convention BAT and BEP guidance for new facilities and for existing facilities when they are upgraded.

Emissions from domestic woodheaters

The ambient air study (NDP Technical Report No 4) has shown that levels of dioxins in ambient air are low compared with other countries. There was an increase in urban areas over winter most likely due to wood burning for residential heating. Domestic woodheaters account for around 4% of total dioxin emissions.

DEH, along with State and Territory governments, has implemented a range of measures to reduce woodsmoke from domestic heaters in recent years. These measures include woodheater replacement programs, education and awareness programs, development of regulations to minimise excessive smoke from woodheaters, and the development of more stringent particle emission standards. Although the principal objective of these initiatives is to reduce particle emissions from woodheaters, it is expected that the levels of dioxins over the winter months would also be reduced as a result of these initiatives.

Actions for Governments:

Continue with existing measures aimed at reducing particle emissions from domestic woodheaters including community education on the correct operating practices for woodheaters, seeking improvements to woodheater installation and emission standards, and sponsoring research to improve our understanding of woodheater emissions.

Emissions from motor vehicles

The study of dioxin emissions from motor vehicles (NDP Technical Report No 2) has shown that motor vehicles contribute less than 2% of total dioxin emissions, with leaded petrol and diesel fuel vehicles the highest contributors. However, in January 2002 the Commonwealth Government phased out the use of leaded petrol in Australia.

With the phase-out of leaded fuel, it is expected that the total dioxin emissions from motor vehicles will have substantially declined in recent years.

There is little information on the emissions of dioxins from diesel vehicles, but what research has been undertaken indicates that diesel vehicles may contribute a large proportion of the total dioxin emissions from motor vehicles. The reason for the formation of dioxins in diesel engines is still unclear.

In the absence of any dioxin emissions data, vehicles using Liquefied Petroleum Gas (LPG) and Compressed Natural Gas (CNG) are assumed to have emission factors similar to passenger cars running on unleaded petrol. However, the motor vehicle study noted that the overall impact of these vehicle types on total dioxin emissions is low due to LPG and CNG vehicles accounting for only a small part of total vehicle kilometres travelled.

Action for the Australian Government:

Monitor overseas research looking at emissions of dioxins from diesel, LPG and CNG vehicles to determine whether further action is required in Australia.

Emissions from bushfires

The bushfires study (NDP Technical Report No 1) shows that prescribed burning and wildfires may account for around 20-30% of total dioxin emissions to the environment. Savannah fires in northern Australia account for 83% of these emissions.

Restrictions cannot be placed on wildfires, but they are placed on hazard reduction control burns to minimise impact on human health from smoke and not to destroy too much native vegetation. As the conditions for the formation of dioxins in bushfires are very complex and are still not fully understood, it would be very difficult to place conditions on permits aimed solely at reducing dioxin emissions.

DEH will fund further research on the formation and emission of dioxins from bushfires. This research will aim to provide a more accurate estimation of the total emissions of dioxins from bushfires in Australia and to determine the extent to which dioxin releases are the result of new dioxin formation during a fire, or re-mobilisation of existing dioxin stored in the top soil, ground litter and vegetation. The CSIRO, in conjunction with the National Research Centre for Environment Toxicology will undertake this research in 2005.

Action for the Australian Government:

Undertake further research on dioxin emissions from bushfires to provide firmer evidence on the formation of dioxins to help governments determine appropriate response measures, if any.

Air toxics NEPM

In February 2001, the National Environment Protection Council (NEPC) established a Working Group to scope the development of a National Environment Protection Measure (NEPM) for Air Toxics, sometimes known as hazardous air pollutants. In June 2001, the Working Group recommended that five priority air toxics be the subject of a NEPM, from a list of 29 air toxics including dioxins. Dioxins were not identified as a priority at that time as there were insufficient data on their levels in Australia.

In June 2001, NEPC commenced the development of a NEPM for Air Toxics to address benzene, toluene, formaldehyde, xylenes and polycyclic aromatic hydrocarbons (PAHs). The draft Air Toxics NEPM and Impact Statement were released for public consultation in May 2003. At the 9th meeting of EPHC in December 2004, Council resolved to make the National Environment Protection (Air Toxics) Measure.

While results from the NDP show that the risk presented by dioxins in ambient air in Australia is very low, dioxins, along with other air pollutants, will be considered for possible future inclusion in the Air Toxics NEPM. A Working Group has been established under the EPHC to develop a process to prioritise air toxics.

Action for Governments:

The EPHC Air Toxics Working Group to utilise NDP Ambient Air study data when assessing the relative priority of dioxins, for possible inclusion in the Air Toxics NEPM.

5.2 SOILS

The soil study (NDP Technical Report No 5) shows that dioxin levels in remote and agricultural areas are generally lower compared with soils in urban and industrial areas. Overall, the study found that levels in soils are generally low compared to levels in many other countries. The comparatively elevated levels of dioxins in coastal soils in Queensland are so far unexplained. Scientists have suggested that the higher levels of dioxins in coastal eastern Australian soils may be due to historical geological processes. Further research would be needed in order to confirm this view or to determine another sources, if considered warranted.

The area of land with this high level of naturally occurring dioxin is very large. Given the dioxin levels found, it appears that remediation is neither warranted nor indeed feasible.

There are currently no national agreed acceptable level or guidelines in place for dioxins in soils in Australia. However, the *National Environment Protection (Assessment of Site Contamination) Measure 1999* specifies an effective process that covers chemicals that do not have a nationally agreed health investigation level.

Site Contamination NEPM

The purpose of the *National Environment Protection (Assessment of Site Contamination) Measure 1999* (Site Contamination NEPM) is to establish a nationally consistent approach to the assessment of site contamination to ensure sound environmental management practices by regulators, site assessors, environmental auditors, land owners, developers and industry. The desired environmental outcome for the Site Contamination NEPM is to provide adequate protection to human health and the environment, where site contamination has occurred, through the development of an efficient and effective national approach to the assessment of site contamination. The Site Contamination NEPM provides general guidance in relation to ecological, groundwater and health-based investigation levels.

The Site Contamination NEPM sets health-based investigation levels for a range of chemicals including heavy metals, pesticides and PCBs. Currently, there is no health-based investigation level set for dioxins. At its 9th meeting in December 2004, EPHC agreed to undertake a review of the Site Contamination NEPM. It was resolved to establish a committee to assist with this review which would develop and release an issues paper. The review will consider the need to establish investigation levels for additional chemicals including dioxins.

Some States and Territories have sites contaminated with dioxins, and some of these have been remediated, including some orphan sites. Clean-up of a contaminated site is usually required if the levels of contamination pose an unacceptable risk to human health or the environment. Where contaminants are moving off the site, State and Territory governments will continue to require, encourage or undertake the clean-up of such sites as they come to their attention and as contaminated site policy dictates.

Action for Governments:

In the review of the Site Contamination NEPM during 2005/2006, consider including health-based investigation levels for dioxins. Investigation level for sites contaminated with dioxins may provide guidance which will lead to uniformity of site risk assessment. Consider the feasibility of a screening process for identifying sites where dioxins could be present.

Continue best efforts towards remediating sites where dioxin contamination poses an unacceptable risk to the environment or human health and undertake this work in an environmentally sound manner.

Action for the Australian Government

Consider further research to improve our knowledge of natural dioxins formation, and the sources and exposure risks to sources of dioxins in the soils of coastal eastern Australia.

5.3 WATER

Dioxins are insoluble in water, therefore the most effective way of determining levels in aquatic environments is to analyse sediments and aquatic animals. This is discussed in section 5.4.

As part of Australia's National Water Quality Management Strategy, the *Australian and New Zealand Guidelines for Fresh and Marine Water Quality 2000 Volume 1* (the *Water Quality Guidelines*) provides a guide for setting water quality objectives required to sustain current, or likely future, environmental values (beneficial uses) for natural and semi-natural water resources in Australia and New Zealand.

These and other National Water Quality Management Strategy guidelines help communities and water authorities achieve consistency for the level of service provided by local water and sewage systems.

The *Water Quality Guidelines* mention dioxins (2,3,7,8-tetrachlorodibenzo-*p*-dioxin) in marine ecosystems, but as there was insufficient data available on dioxins when the guidelines were being developed, no level is given for dioxins in any water ecosystem.

It is expected that these guidelines will be updated in the next few years. Inclusion of a level for dioxins in water could be considered, although as dioxins are insoluble in water, the setting of a level may be problematic given the difficulty in measuring their presence.

Action for Governments:

Consider including a level for dioxins in water when undertaking a future update of the Australian and New Zealand Guidelines for Fresh and Marine Water Quality 2000.

5.4 SEDIMENTS

The results of the aquatic environment study (NDP Technical Report No 6) show that the levels of dioxins in most aquatic environments in Australia are generally low when compared to levels from many other industrialised countries. However, sediments in urban and industrial areas had significantly higher levels of dioxins than sediments in remote and agricultural locations. Some estuaries, for example, Port Jackson, Sydney had very high levels in sediments similar to those found in estuaries adjacent to industrial centres in other countries. These elevated levels may be due to

historical contamination from former chemical manufacturing sites near Homebush Bay. These sites are subject to current clean-up activities by the NSW Government.

The *Water Quality Guidelines* applies to sediment quality, but there are no levels for dioxins. These guidelines are expected to be updated in future, with sediment levels a component of the update. Inclusion of a level for dioxins could be considered.

Action for Governments:

Consider including a level for dioxins in sediments when undertaking a future update of the Australian and New Zealand Guidelines for Fresh and Marine Water Quality 2000.

5.5 BIOTA

Dioxins emitted to air can deposit on plant, soil and water surfaces. Dioxins can then enter the food chain when animals eat contaminated leaves, soils or sediments. The dioxins are then absorbed into animal fat. Dioxins increase in concentration as they move up the food chain, so that carnivores are more likely to have higher levels than herbivores.

The fauna study (NDP Technical Report No 7) found that levels are generally lower in Australia compared with fauna in other countries. Birds of prey had the highest levels, due to their position at the top of the food chain. Levels were much lower in herbivorous animals such as kangaroos, galahs and dugongs.

There are currently no regulated levels for dioxins in biota in Australia. The ecological risk assessment (NDP Technical Report No 11) noted that more reliable risk estimations would require information on the toxicity of dioxins to Australian wildlife species. However, as Australian ethical committees and current State legislation generally do not allow toxicity testing on native species, the establishment of a level for dioxins in biota would be very difficult. Reduction of emissions in Australia will most likely lead over time to lower levels of dioxins in Australian biota.

Action for Governments:

Subject to resources, the Australian Government to give consideration to undertaking further studies of biota in order to assess whether source directed measures are having the desired effect in lowering dioxin levels in biota.

5.6 WASTES

Sewage effluent and biosolids

The risk to environmental and human health from dioxins in sewage effluent and biosolids is low. The inventory of dioxin emissions (NDP Technical Report No.3) shows that sewage treatment works emit small amounts of dioxins to land. Emissions from biomass burning and paper production represent the most significant contributors to land.

The potential for dioxins to enter sewerage systems is low, primarily due to the limited number of industrial sources that produce dioxins and discharge to sewer. In addition, trade waste policies employed by sewage management authorities may limit or exclude dioxins from entering the sewerage system. Increasing use of recycled sewage and biosolids has the potential to shift some of the load of dioxin presently discharged to waterways to land.

Dioxins in recycled water are currently being considered by the Environmental Contaminant Working Group for the *National Guidelines for Water Recycling - Managing Health and Environmental Risk* being prepared under the National Water Quality Management Strategy (NWQMS). These Guidelines are being developed in consultation with the States and Territories and are due for completion in 2005. They will cover water recycling and water sensitive urban design using a risk management framework already tested on the Australian Drinking Water Guidelines. These Guidelines will supersede current guidelines for reclaimed water and urban stormwater management.

The NWQMS *Guidelines for Sewerage Systems Biosolids Management* were agreed to at the Natural Resource Management Ministerial Council in December 2004. These guidelines are due for public release in mid 2005. A level for dioxins was not included in these guidelines. However, as the knowledge of dioxin levels in biosolids is limited, further work and research is presently being undertaken in this area to confirm what the quantities are and the risks they pose.

Action for Governments:

Where information identifies environmental or human health risks from dioxins in water recycling and biosolids activities, consider including a level for dioxins when undertaking a future update of the National Water Quality Management Strategy:

- Guidelines for Water Recycling – Managing Health and Environmental Risks; and

- Guidelines for Sewerage Systems – Biosolids Management.

Trade Waste

Through the NWQMS *Guidelines for Sewerage Systems: Acceptance of Trade Waste (Industrial Waste) 1994*, (*Trade Waste Guidelines*), trade waste, a liquid waste generated from any industry, business, trade or manufacturing process, must be managed to minimise the cost to the community of processing waste, to ensure environmental protection and encourage waste minimisation.

There are currently no levels set for dioxins. However, the guidelines may be amended where the local sewage authority has an appropriate scientific basis to nominate alternative criteria.

Action for Governments:

Consider including a level for dioxins when undertaking a review of the NWQMS Guidelines for Sewerage Systems: Acceptance of Trade Waste (Industrial Waste) 1994.

National Strategy for the Management of Scheduled Wastes

In 1991, the former Australia and New Zealand Environment Conservation Council (ANZECC) considered a draft strategy based on the recommendations of a joint taskforce to tackle the problem of scheduled wastes. The Strategy was released to address concerns by industry and environment groups on the disposal of this waste. An independent panel was established to investigate the extent and production of scheduled waste and alternative disposal technologies to be used. Based on this recommendation, ANZECC rejected the proposal to establish a centralised high temperature waste disposal facility and instead, establish criteria and arrangements to assess new technologies. The

revised Strategy was considered by government and non-governmental agencies and in 1992 ANZECC endorsed the '*National Strategy for the Management of Scheduled Wastes'*.

The Strategy focuses on emerging, alternative, non-incineration waste destruction technologies with the aim to provide for the safe management and disposal of scheduled waste. For the purpose of the Strategy, scheduled wastes means a material or article containing a chemical, or mixture of chemicals exceeding the threshold concentration and threshold quantity, which is:

- organic in nature
- resistant to degradation by chemical, physical or biological means
- toxic to humans, animals, vegetation or aquatic life
- bioaccumulative in humans, flora and fauna.

The key aspects of the Strategy are:

- identification of separate waste streams facilitating distinct and diverse management and disposal options
- nationally agreed and consistent principles and practice
- regulatory support through legislation and regulations
- commercially viable management disposal/destruction strategies for wasteholders
- based on a consultative and open process.

The main development under the Strategy, was the establishment of three management plans which specify threshold concentrations, quantities of chemicals to be covered and phase-out dates for the three groups of chemical wastes:

- *Organochlorine Pesticides Waste Management Plan 1999*
- *Polychlorinated Biphenyls Management Plan 1996* (revised 1999)
- *Hexachlorobenzene Waste Management Plan 1996*

The three plans all require that emissions of dioxins to atmosphere from the destruction of scheduled wastes shall not exceed 0.1 ng TEQ/m^3.

While there has been good progress in removing organochlorine pesticides and polychlorinated biphenyls from use and destroying them, the process for the treatment of the hexachlorobenzene (HCB) waste held at the Orica site in Botany is under review. In determining the treatment process for the HCB waste, consideration should be given to the Stockholm Convention guidance on Best Available Techniques and Best Environmental Practices to prevent or minimise the formation and release of dioxins.

Action for Governments:

Continue the removal from use and destruction of scheduled wastes in accordance with the three plans under the National Strategy for the Management of Scheduled Waste.

Ensure that the Stockholm Convention guidance on Best Available Techniques and Best Environmental Practices is considered in selecting the process to treat the HCB waste so as to prevent or minimise the formation and release of dioxins.

Pulp mill guidelines

Commonwealth Ministers in May 1989 commissioned the CSIRO to undertake a study of bleached chemical pulp mill technology and environmental implications. On the basis of the conclusions from this study, the first set of guidelines, *Environmental Guidelines for New Bleached Eucalypt Kraft Pulp Mills* (*Pulp Mill Guidelines*) for the pulp mill industry were developed and subsequently revised in 1995 to include current State/Territory policies and incorporate new technical information. The objective of these Guidelines is to ensure protection of the environment from emissions generated by future pulp mills.

The guidelines set emission limits to ensure that the best technology and best environmental management practices are used in any new mill. The limits for dioxins in the effluent stream to be discharged to water are set at 15 pg/L.

In 2004 the Tasmanian Government reviewed these guidelines to take into consideration current world's best practice for any future bleached eucalypt kraft mills. They are consistent with the BAT and BEP guidance for production of pulp developed under the Stockholm Convention. The review, undertaken by the Tasmanian Resource Planning and Development Commission, has set new restrictions on a mill's environmental impact which all but eliminates dioxins and cuts organochlorine emissions and organic matter discharged in waste water.

With the discharge to effluent, the Commission has recommended that dioxins be set at a maximum limit of 10 pg/L, a reduction from the previous level of 15 pg/L.

The Stockholm Convention BAT and BEP guidance will be revised in future to include new technologies or practices.

Action for Governments:

Take into account the Stockholm Convention BAT and BEP guidelines for production of pulp when new mills or modifications to existing mills are proposed.

Reuse of industrial residues for land management applications

In October 2002 the EPHC agreed to develop a national approach for the re-use and recycling of industrial residues. The Ministers directed the EPHC Standing Committee to develop a national framework for the reuse and recycling of industrial residues focusing initially on their use in land management applications. It is envisaged that the framework would provide guidance on management approaches for industrial residues from source to end-use, and its ultimate fate in the environment.

Industrial residues are by-products (wastes) from industry which can be reused and recycled as an efficient means of enabling industry to contribute to sustainable resource management. Industrial residues have the potential to exhibit valuable soil conditioning and fertiliser properties due to their high levels of essential elements, such as zinc and magnesium, which are deficient in some Australian soils. However, there are a number of elements, such as cadmium, that can have adverse affects on the environment and human health, if present in high concentrations.

The EPHC Industrial Residues Working Group is currently working with the Fertiliser Working Group, a Primary Industries Standing Committee body, in developing national standards for contaminants in fertiliser. A standard for dioxins will be included.

Action for Governments:

Consider setting a level for dioxins in fertilisers and industrial residues when applied to land for soil amelioration purposes.

Used Oil Regulations

The *Product Stewardship for Oil Program* was introduced in 2001 by the Australian Government to provide incentives to increase used oil recycling with the aim to encourage the environmentally sustainable management and re-refining of used oil.

The *Product Stewardship (Oil) Act 2000* establishes the general framework and benefit entitlements of the arrangements. The objectives of the Act are to:

- develop a product stewardship arrangement for used oils
- ensure the environmentally sustainable management, re-refining and reuse of used oil
- support economic recycling options for used oil.

Under the *Product Stewardship (Oil) Amended Regulations 2003 (No. 1)*, the total amount of dioxins and furans in re-refined base oil (Category 1) must be less than 10 pg/g of oil. This level was based on methods developed by the United States of America Environment Protection Agency.

A review of the Act in July 2004 was tabled in the House of Representatives in November 2004. The recommendations are now currently out for public consultation. There were no recommendations to amend the level of dioxins and furans in re-refined base oil.

Action for the Australian Government:

No further action required at this time to amend the level of dioxins and furans in re-refined base oil.

5.7 NATIONAL POLLUTANT INVENTORY

The *National Pollutant Inventory (NPI) National Environmental Protection Measure* is an Internet database designed to provide the community, industry and government with information on the types and amounts of certain substances being emitted to the environment.

The NPI contains data on 90 priority substances, including polychlorinated dioxins and furans, which were identified as important because of their possible health and environmental effects. The NPI requires reporting from a wide range of industry and non-industry sources using a variety of techniques. Facilities must report on dioxins and furans if they exceed the reporting threshold i.e. if a facility uses 2,000 tonnes or more of fuel, or 60,000 megawatt hours of energy per year.

Currently, the NPI reports the emissions of polychlorinated dioxins and furans in kilograms per year. However, polychlorinated dioxins and furans are complex mixtures and are usually reported by other programs and studies in toxic equivalents (TEQ). TEQ is a means of scaling the emissions of each type of dioxins and furans according to their relative toxicity.

The reporting of polychlorinated dioxins and furans in TEQs would bring the NPI into line with current world's best practice. It would also provide a more useful data set, simplify reporting by industry and enable easier benchmarking within Australia and between other countries.

At the 9th meeting of EPHC in December 2004, Council resolved to review the NPI NEPM. The NPI NEPM has been operational for six years and as the program is used by a variety of groups, the review was to establish whether the program is currently delivering all the benefits expected of the program.

The review targeted the areas for improvements and built on earlier reviews, evaluating whether previous recommendations were still relevant. The review set out to identify possible changes to design parameters for the NPI. The outcome of the review will provide a starting point for Council to consider whether to embark on a process to vary the NPI NEPM.

The review has been carried out by an independent reviewer under the supervision of an EPH Standing Committee working group and the results have been submitted to EPHC.

Action for Governments:

Consider reporting dioxins in toxic equivalents (TEQs) under the National Pollutant Inventory.

5.8 HUMAN INTAKE

The human health risk assessment (NDP Technical Report No 12) found that the public health risk for Australians from the exposure of dioxins from food and other sources is low. However to keep this level low, the report made a number of recommendations with the aim of reducing any potential risks to human health:

- programs to reduce the release of dioxins into the environment need to be ongoing
- ways to block the cycling of dioxins through the food supply need to be identified
- reducing the levels of dioxins in feed given to livestock, poultry and aquaculture fish will help to reduce the levels of dioxins in the food supply
- since foods high in animal fats are a source of exposure to these chemicals, current efforts to promote lower saturated fat intake in the population should continue
- due to the inhalation of dioxins through cigarette smoke, current programs to discourage cigarette smoking should be maintained
- the population burden of dioxin-like compounds should be monitored periodically, to see whether risk reduction strategies are effective.

Action relating to reducing the environmental release of dioxins is considered under sections 5.1 to 5.7 and section 5.11. Action relating to stockfeed is considered under section 5.9.

As the levels of dioxins in breast milk are low by international standards and have declined over the last decade (as outlined in NDP Technical Report No 10) it should be noted that it is the advice of the World Health Organisation and the National Health and Medical Research Council (NHMRC) in Australia that breast milk is the best food for babies.

Efforts to promote lower saturated fat intake in the population are reflected in several recent Australian Government initiatives. The *NHMRC's 2003 Dietary Guidelines for Australian Adults* and the *Dietary Guidelines for Children and Adolescents in Australia* both recommend 'limiting saturated fat' in the diet and provide practical advice on how this can be achieved. This recommendation is supported by the Australian Government's national food selection guide, the *Australian Guide to Healthy Eating* (1998), an educational resource providing advice on eating for good health. Organisations such as Nutrition Australia, the Dieticians Association of Australia and the National

Heart Foundation of Australia also support reducing saturated fat intake through provision of professional and consumer-based advice, resources and projects. Other national initiatives, including a focus on healthy eating, although not specifically aimed at reducing saturated fat intake, include: the National strategic framework and agenda for action for public health nutrition, (*Eat Well Australia*, 2000-2010) developed by the Strategic Inter-Governmental Nutrition Alliance and the Australian Government's response to the issue of overweight and obesity in children - *Healthy Weight 2008: the national action agenda for children and young people and their families* (2003).

Tobacco leaf naturally contains both organic carbon and chlorine ions and consequently, as for any thermal process, "combustion" of cigarettes and cigars produces dioxins. On studies undertaken in Germany and Sweden, emissions on average from the smoking of a cigarette were 0.1pg TEQ/cigarette. Recent studies in Australia illustrate that on average the smoking population smoke 14 to 15 cigarettes per day. For those who smoke approximately 20 cigarettes a day, this could result in a dioxin intake of 3 pg/day. For smokers, the health risk from other carcinogenic components of cigarettes far outweigh the likely health risk from dioxins, however, it appears that encouraging people to give up smoking would help reduce their body burden of dioxins.

Australia has a comprehensive tobacco policy expressed in the *National Tobacco Strategy 2004-2009*. The Australian Government discourages cigarette smoking through the national prohibition of tobacco advertising and sponsorship; health warnings on tobacco packaging; the classification and scheduling of smoking cessation pharmacotherapies; customs duty and excise on tobacco products; control of illicit production and distribution; and prohibition of smoking in certain venues such as airports. The Government has introduced regulations to require new, graphic health warnings on cigarette packaging from March 2006. States and Territories are responsible for smoking cessation support services (Quitlines); regulation of retailers, including registration and licensing where applicable; prevention, detection and prosecution of sales to minors; smoking restrictions in non-Australian Government venues (the vast majority); and local restrictions on advertising and sponsorship, including point of sale advertising. Both tiers of government are involved in public information campaigns. These efforts have given Australia one of the lowest smoking rates in the world (17.4% of the population aged 14 and over were smokers in 2004).

Action for Governments:

Continue with existing programs that discourage cigarette smoking and promote lower saturated fat intake.

Continue to promote the health benefits of exclusive breastfeeding to the age of six months, then the introduction of complementary foods and continued breastfeeding thereafter.

Subject to resources, give consideration to periodically monitoring the population burden of dioxins in order to assess whether risk reduction strategies are having the desired effect in lowering dioxin levels in humans.

5.9 AGRICULTURAL PRODUCTS

Agricultural commodities

The Australian National Residue Survey (NRS) is a program conducted by the Department of Agriculture, Fisheries and Forestry (DAFF). The NRS was established in the early 1960s as the Commonwealth's response to growing concerns about pesticide residues in major meat export markets. The purpose of the NRS now is to monitor and report the level of residues and contaminants in food, inputs to production and/or the environment. Since then, the range of commodities covered by the NRS has expanded and now, about 15 animal, 14 plant and selected fisheries and aquaculture products are monitored. The NRS is not involved in the testing of imported food or animal feedstuffs.

Residue[3] testing is an important part of the national strategy to minimise unwanted residues and environmental contamination in food. Monitoring identifies potential problems and any necessary follow-up action. Residue testing is also an important measure of product quality, particularly for exporting countries such as Australia. The NRS also monitors and reports the level of residues and contaminants in food and inputs to production and/or the environment.

The NRS conducts or is involved in monitoring surveys and surveillance, compliance and residue prevention programs. Residue prevention programs are designed to prevent or minimise the risks of unacceptable residues to public health and trade. Chemical commodity combinations to be included in surveys are determined by the NRS in consultation with industries on the basis of risk assessments, and those combinations of highest risk are including in the NRS monitoring surveys. In conducting risk assessments, the main factors considered include international and/or domestic perceptions of the chemical commodity combination as a possible public health hazard or trade barrier, the toxicity of the chemical or its break-down products and the extent and results of previous monitoring of the chemical commodity combination.

Concentrations of residues of agricultural and veterinary chemicals and environmental contaminants, such as metals, are assessed against Australian standards that are expressed as Maximum Residue Limits (MRL), which are maximum permissible limits for chemical residues in food. MRL's are set by Food Standards Australia New Zealand (FSANZ) and the Australian Pesticides and Veterinary Medicines Authority (APVMA). MRLs have been set for PCBs in food such as meats, however there are no current limits set for dioxins and furans.

Contaminants that have been surveyed include organochlorines, organophosphates, PCBs, and antimicrobials. Dioxins were surveyed in 2002-03 for the first time under the NDP and the results were reported in the NDP Technical Report No 8[4]. The NDP study shows that levels of dioxins and dioxin-like PCBs in Australia's meat, milk and fish are low and compare favourably with levels reported in comparable studies from other countries. No samples contained dioxin levels exceeding the European Union standard. In view of the results of this survey, and given the significant costs associated with dioxins testing, DAFF does not support routine on-going testing of livestock commodities but would consider further testing in ten years, subject to resources.

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[3] Residues in agricultural terms are generally used to describe a small amount of a chemical treatment or its breakdown products which remain in or on a product. Residues in food safety include elements, such as metals, or other chemicals which may be present in food either through natural circumstances or as a consequence of industrial or agricultural activities.

[4] The work in this study was co-funded by participant industry groups.

Action for the Australian Government:

Subject to resources, give consideration to undertaking a study in ten years in order to ensure dioxin levels in livestock commodities remain within international and domestic standards.

Stockfeeds

Regulatory controls over imports of animal feeds are primarily the responsibility of the Australian Government. No specific legislation currently exists to address potential food hazards in imported animal feeds unless they can be shown to be a quarantine risk and dealt with under the *Quarantine Act 1908*. There are currently controls in every Australian jurisdiction to prevent the use of restricted animal material in feeds for ruminants. Other feed controls are managed under the "Uniform Australian Standards for the Labelling and Content of Stock Foods", which was agreed to by the then Standing Committee on Agriculture and Resource Management (now Primary Industries Standing Committee, PISC) in February 1997.

While Australian animal production industries have considered and implemented voluntary measures to address hazards in animal feeds, the regulatory framework has identifiable gaps. Controls over animal feeds across domestic jurisdictions are very variable and there is no current Commonwealth statutory structure to deal with imports of animal feeds beyond the scope of specific quarantine concerns.

The Australian Government red meat industry partnership, SAFEMEAT, recently endorsed a proposed national framework for managing food safety risks associated with stockfeeds. In March 2005, PISC agreed that the Primary Industries Health Committee (PIHC) would establish a working group to examine and evaluate components of a proposed framework for addressing the issue of animal feed controls in Australia. The working group will determine the scope of the framework for national feed standards ensuring coverage of terrestrial and aquatic animal production. Reference will be made to existing animal feed standards to ensure the standard is applied Australia-wide and is effective in controlling all known or anticipated hazards of concern in animal feeds.

Action for the Australian Government:

Work with Australian animal production industries to support implementation of voluntary measures to address hazards, including dioxins, in animal feeds.

Establish a working group to examine and evaluate components of a proposed framework for addressing the issue of animal feed controls in Australia.

5.10 FOOD

FSANZ, working in partnership with Australia's Commonwealth, State and Territory governments and the New Zealand Government, protects the health and safety of the people in Australia and New Zealand by maintaining a safe food supply. A key activity for FSANZ is monitoring the food supply to ensure that existing food regulatory measures provide adequate protection of consumer health and safety. The Australian Total Diet Survey (ATDS) is part of that monitoring.

The ATDS estimates Australian consumers' dietary exposure to substances found in the food supply through the testing of food samples collected from around Australia that are representative of the total

diet. In order to achieve more accurate dietary exposure estimates, the foods examined in the ATDS are prepared to a 'table ready' state before they are tested.

The samples collected for the 20th ATDS in 2000/2001 were analysed for dioxins. These results were then combined with dietary information from the 1995 National Nutrition Survey to assess the population's dietary exposure. The resulting dietary exposure assessment contributed to the overall dioxin human health risk assessment conducted by the Department of Health and Ageing as part of the NDP (NDP Technical Report No 12).

For the general population, over 95% of exposure to dioxins is through the diet, with foods of animal origin such as meat, dairy products and fish being the main sources.

An Australian Tolerable Monthly Intake (TMI) value for dioxins and furans of 70 pg TEQ/kg body weight/month, was recommended by the Therapeutic Goods Administration and the National Health and Medical Research Council in 2002. This level was based on the most sensitive reproductive effects of dioxins in animals. The recommended TMI from all sources combined and including dioxins, polychlorinated furans and dioxin-like PCBs, is equivalent to that set by the Joint Expert Committee on Food Additives (JECFA), a committee of the United Nations Food and Agriculture Organization (FAO) and the World Health Organization (WHO). The human health risk assessment found that for Australians aged 2 years or older, the monthly intake of dioxins was between 3.9-15.8 pg TEQ/kg bw/month or between 6-23% of the TMI. Since the completion of the Human Health Risk Assessment of Dioxins in Australia, the Therapeutic Goods Administration has considered available information published post 2002 and found no evidence that would suggest the Australian TMI should be updated at this stage.

As there are limitations associated with the data used to characterise the risk associated with exposure to dioxins from food, in general, conservative assumptions were used to minimise the possibility that risks would be underestimated. On the basis of this analysis the public health and safety risk for all Australians from exposure to dioxins from foods is very low.

The results and recommendations of the National Dioxins Program's human health risk assessment were considered by the Food Regulation Standing Committee (FRSC) in June 2005. FRSC acknowledged that source-directed measures that reduce the release of dioxins into the environment are the most appropriate means of ensuring a long term reduction in the exposure of Australians to dioxins, including through food. Given the current low public health risk, FRSC agreed that setting maximum levels (MLs) and generally expected levels (GELs) for dioxins in food is not appropriate at this stage. However, FRSC supports the repeat of the National Dioxins Program's dioxin dietary exposure survey in ten years, contingent on future decisions about funding and the lead agency. Should a future survey show that source-directed measures have been ineffective at reducing dioxin levels in foods, FRSC will give further consideration to establishing levels for dioxins in food.

Action for the Governments:

Subject to resources, give consideration to undertaking a study in ten years to determine if dioxin levels in food have remained low

Consider setting maximum levels or generally expected levels for dioxins in food, should a future survey reveal that source-directed measures have been ineffective at reducing dioxin levels in foods..

5.11 OTHER ACTIONS

The Australian Government is also investigating possible legislative avenues with which it can address dioxins in the environment, to ensure the discharge of Australia's obligations under the Stockholm Convention. One suggested legislative avenue is through approval being required under the *Environment Protection and Biodiversity Conservation Act 1999* for dioxin emissions above a particular level or resulting from particular activities.

Action for the Australian Government

Continue to investigate possible legislative avenues with which it can address dioxins in the environment, as obliged under the Stockholm Convention.

6. WHAT MEASURES DO OTHER COUNTRIES HAVE FOR DIOXINS?

Some countries have implemented standards or levels for dioxins in air, water, soil and other areas including daily human exposure (tolerable daily intake) and levels in food. Examples of the range of guidelines are shown in Table 3 while further information on the range of measures in some countries is provided in Appendix 1.

Air

For emissions from combustion facilities, many countries have adopted the level of 0.1 ng TEQ/m^3 recommended by the World Health Organization (WHO). However, some countries, such as Canada, have set different levels for different industry sectors whether they are new or existing. The USA has a level of 0.2 ng/m^3 and Japan has limits between 0.1 and 5 ng TEQ/m^3.

Soils

There are no common international guidelines for dioxins in soils. Where countries have established guidelines the levels vary according to the land use. Levels in agricultural and residential areas tend to be lower than levels for industrial areas.

Water and sediments

As dioxins are insoluble in water they are very difficult to analyse. Accordingly, very few countries have set guidelines for dioxins in water. However, some countries have set levels for dioxins in sediments with different levels for marine and freshwater.

Biota

Few countries have established guidelines for dioxins in biota. Canada has set levels for mammals and birds.

Foods

There are no common international guidelines for dioxins in foods. The EU has developed standards in EU Regulation (EC) No. 2375/2001 but these only refer to dioxins and furans and do not include dioxin-like PCBs. It is expected that in the future, a new EU standard will encompass dioxin-like PCBs.

Human body burden

A number of countries have established human exposure standards for dioxins, generally referred to as tolerable daily or weekly intakes. Current or proposed tolerable daily intakes (TDIs) range from 1 pg TCDD/kg bw (the Netherlands and Germany), through 4 pg/kg bw (Japan), 5 pg TCDD/kg bw (Sweden, Norway, Finland and Denmark), to 10 pg TCDD or TEQs/kg bw (UK and Canada).

Table 4: Examples of dioxin guideline levels in other countries

AIR[5]	**Levels expressed in TEQs**[6]
Canada	0.1 ng/m^3
UK	1.0 ng/m^3
Ireland	0.1 ng/m^3
US	0.2 ng/m^3
Japan	0.1-5 ng/m^3
SOILS	
Canada	4 ng/kg
USA	1000 ng/kg
Japan	1 ng/kg
Finland	2 ng/kg
Germany	1000 ng/kg
Italy	5000 ng/kg
The Netherlands	1000 ng/kg
Sweden	250 ng/kg
WATER	
UK	0.01 ng/L
US	0.3 ng/L
Japan	0.001 ng/L
SEDIMENTS	
UK	55 ng/kg – saltwater and freshwater
Japan	150 pg/g
The Netherlands	100 ng/kg
HUMAN INTAKE	
Canada	10 pg TEQ/kg bodyweight (bw)/day
UK	10 pg TEQ/kg bw/day
USA	0.006 pg TEQ/kg bw/day
Japan	4 pg TEQ/kg bw/day
Austria	10 pg TCDD/kg bw/day
Denmark	5 pg TCDD/kg bw/day
Finland	5 pg TCDD/kg bw/day
France	1 pg TCDD/kg bw/day
Germany	1 pg TCDD/kg bw/day
Italy	10 pg TCDD/kg bw/day
The Netherlands	1pg TCDD/kg bw/day
Sweden	5 pg TCDD/kg bw/day

[5] Levels shown for air are emission limits for sources.

[6] Countries express the levels of dioxins in different units. To assist in enabling comparisons, the levels for environmental media are shown in ng/m^3 or ng/kg and in pg/kg for human intake.

Appendix 1: Dioxin measures in other countries

New Zealand

In 1995, the New Zealand Ministry for the Environment (MfE) commenced a National Organochlorines Program. The Program assessed the extent of contamination of the New Zealand environment by certain organochlorines including polychlorinated dioxins and furans. The scientific and other reports arising from the Organochlorines Program can be viewed on the MfE's website at http://www.mfe.govt.nz/publications/hazardous/#organochlorines.

Surveys were undertaken of the background level of organochlorines, including dioxins, in environmental media (air, soil, fresh water, estuaries and sediment). The level of dioxins found in the New Zealand environment are generally low compared to other (northern hemisphere) countries for which comparable data has been collected. An inventory of dioxin emissions to air, land, water and reservoir sources has been compiled; a market basket survey of the level of organochlorines in retail foods enabled New Zealanders' dietary intake to be assessed; and a major population-based survey of the levels of dioxin and other organochlorines in the serum of New Zealanders was also undertaken. On the basis of the serum study a dioxin health risk appraisal was undertaken for the New Zealand population.

Air

In October 2001, the MfE released a proposal, *Action Plan for Reducing Discharges of Dioxins to Air*, containing a draft national environmental standard to regulate dioxin emissions from industrial facilities. The original dioxin-specific proposal has now been superseded and integrated into a package of proposed regulations to improve general ambient air quality in respect to other air toxics, including dioxins. Certain combustion activities are to be prohibited, including the open burning of tyres and oil, landfill fires, road-seal burning, new high temperature hazardous waste incinerators, school and hospital incinerators, and the burning of coated wire to recover metals.

Water

A survey of New Zealand's riverine and estuarine environments showed them to be relatively free of dioxins, and markedly lower than concentrations reported in other developed countries.

Soil

There are existing interim soil acceptance criteria for dioxins contained in the Health and Environment Guidelines for Selected Timber Treatment Chemicals (Ministry for the Environment and the Ministry of Health, 1997). It is anticipated that these will be reviewed in tandem with work planned in Australia to develop a possible contaminated soil NEPM for dioxin.

Body

The Ministry of Health in 2002 adopted a new dioxins exposure Interim Maximum Monthly Intake (IMMI) value of 30 pg TEQ/kg body weight/month (approximately 1 pg TEQ/kg body weight /day). This value was established as a result of a WHO reassessment of toxicological data for dioxins. The IMMI represents an approximately 10-fold reduction from what was previously considered to be an "acceptable" level of dioxin exposure. The dioxin criteria recalculation followed the methodology, exposure scenarios and exposure assumptions used in the 1997 Guidelines to derive soil acceptance criteria but replacing the former TDI with the IMMI. In relation to New Zealand, estimated intakes are believed to be currently lower than the WHO range for most of the population, though they appear to have been higher in earlier years.

Canada

Under the *Canadian Environmental Protection Act* (CEPA), the federal *Toxic Substances Management Policy* and the Canadian Council of Ministers of the Environment's (CCME) *Policy for the Management of Toxic Substances*, dioxins are targeted for 'virtual elimination'[7] in the Canadian environment.

In April 1996, the Deputy Minister's Committee of the CCME gave its approval for a task force to work towards assembling the *Canadian Environmental Quality Guidelines* that integrated national environmental quality guidelines for water, soil, sediment, tissue residue and air. The *Canadian Environmental Quality Guidelines* represents the culmination of more than a decade of harmonised, national science-based development work in Canada.

Determination of the Canada Wide Standards (CWS) has focused on anthropogenic sources that are releasing dioxins and furans to the atmosphere and soil in a continuous process. Development of the CWS for dioxins and furans takes into consideration environmental benefits, available technologies, socio-economic impacts, opportunities for pollution prevention and collateral benefits from reductions in other pollutants.

In January 1999 the Federal/Provincial Task Force on Dioxins released the first *Dioxins and Furans and Hexachlorobenzene Inventory of Releases* followed by a revised update published in February 2001, which identified six priority sectors accounting for about 80% of national emissions that have been identified as priorities for action. These are:

- waste incineration
- burning salt laden wood
- residential wood combustion
- iron sintering
- electric arc furnace steel manufacturing
- conical municipal waste combustion.

Air

The CWS, under the *Canadian Environmental Quality Guidelines* for pulp and paper boilers burning salt-laden wood, sets out numeric targets and timeframes for reducing dioxin and furan emissions from new and existing boilers. The dioxin and furan standard for all existing pulp and paper mill boiler emissions will be 0.5 ng/m^3 by 2006 and the standard for new pulp and paper mill boilers will be 0.1$ng/m^{3.}$

Water

There are currently no standards for dioxins in freshwater and marine environments.

Soil

Dioxin and furan contamination in soil is the subject of national guidelines. These guidelines outline ambient or "alert levels" which may be used by jurisdictions as benchmarks for the management and

[7] Virtual elimination is the reduction of releases to the environment of the most dangerous toxic substances to a level below which these releases cannot be accurately measured.

monitoring of dioxins and furans present in the environment. The CWS process has focussed on anthropogenic sources that release dioxins and furans to soil in a continuous process. The development of the standard for dioxins and furans takes into consideration environmental benefits, available technologies, socio-economic impacts, opportunities for pollution prevention and collateral benefits from reductions in other pollutants.

The levels for dioxins and furans in sediment and soil are as follows:

Sediment	
- Freshwater (Interim Sediment Quality Guideline – ISQG)	0.85 ng/kg
- Freshwater (Probable Effect Level – PEL)	21.5 ng/kg
- Marine (ISQG)	0.85 ng/kg
- Marine (PEL)	21.5 ng/kg
Soil	4 ng/kg

Other

The Canadian standard for dioxins and furans in wildlife tissue residue is 0.71 ng/kg for mammals and 4.75 ng/kg for birds.

Canada has also established a tolerable daily intake for dioxins and furans of 10 pg/kg bodyweight per day for people.

United Kingdom

The UK Environment Agency's Strategy, *Managing Chemicals for a Better Environment*, focuses the Agency's chemical management activities on those substances where the Agency can take action to most effectively contribute to environmental improvement. This action may be direct or indirect and may be at any point in the chemical lifecycle. The strategy focuses on chemicals that may directly affect the environment or human health through environmental exposure.

The Environment Agency is currently looking at the risk a chemical poses on the environment; this requires consideration of two factors:

- the hazardous properties of the chemical – e.g. its toxicity
- the likelihood of exposure to that chemical – for example, environmental exposure is likely to be higher for a chemical in wide use across society (e.g. a substance in a domestic cleaning product) than it will be for a chemical used in a few specialist applications at a few chemical plants.

Dioxins have been identified as a group of chemicals listed for further investigation.

The Environment Agency seeks to regulate releases to the environment of dioxin emissions and lower the risk of causing detrimental effects to the environment or human health.

Air

In the UK, dioxin emissions are controlled under the *Pollution Prevention and Control Regulations*, under the *Pollution Prevention and Control Act 1999*. The proposed new European incineration directive will replace three existing directives on the incineration of municipal and hazardous waste, amongst other things, setting a maximum dioxin emission limit of 0.1 ng/m^3 in stack gas. For

combustion processes the recommended limit value is 0.1 ng/m^3 and for various metal processes and papermaking processes, the recommended limit is 1.0 ng/m^3.

Water

The UK standards for dioxins in water are:

Freshwater pelagic community	0.01 ng/l
Saltwater pelagic community	No standard
Freshwater sediment benthic community	55 ng/kg (for 3% OC)
Freshwater sediment benthic community	185 ng/kg (for 10% OC)
Marine sediment benthic community	55 ng/kg (for 3% OC)

Note: OC – Octachlorodibenzo-*para*-dioxin

Pelagic communities are those that live in the water (below the surface and above the seafloor)

Benthic communities are those that live in or on sediments.

Soil

There are currently no standards for levels of dioxins or furans in soil.

Other

The UK Ministry for Agriculture, Fisheries and Foods has established a recommended maximum tolerable concentration of 0.66 ng/kg for dioxins in cows milk.

The UK has adopted a tolerable daily intake for dioxins and furans of 10 pg/kg bodyweight per day for people.

United States

Over the last 20 years, the US EPA has looked for ways to reduce dioxins levels in the environment. Collectively, these actions have resulted in strict controls on all known and quantifiable major industrial sources of dioxin releases. As a result of the EPA's efforts, along with efforts by state government and private industry, known and quantifiable industrial emissions of dioxins in the US have been reduced by more than 90% from 1987 levels.

The EPA undertook a major scientific study entitled, *Exposure and Human Health Reassessment of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) and Related Compounds.* The study is commonly referred to as the EPA dioxin reassessment. The study focuses on sources of dioxins, levels of dioxin-like compounds in environmental media, human exposures to dioxins, information on critical human health end points, mode of action, pharmacokinetics, dose-response and finally, key findings pertinent to the potential hazards and risks of dioxins, including a discussion of all important assumptions and uncertainties.

Air

New stringent regulatory requirements promulgated by the EPA under the authority of the *Clean Air Act* set emission limits for dioxins, and other hazardous air pollutants based on maximum achievable control technology. The EPA has recently regulated dioxin emissions from facilities that burn hazardous waste which include waste incinerators, cement kilns and some lightweight aggregate kilns. For example, the limit for discharges of dioxins and furans from municipal waste incinerators is 0.2 ng/m^3.

Water

Dioxin releases to water are managed through a combination of risk-based and technology-based tools established under the *Clean Water Act*. To maintain the level of drinking water in the country, a maximum contaminant level goal (non-enforceable, voluntary health goal) of zero and a maximum contaminant level of 300 pg/L has been set.

Soil

Under the EPA Superfund, an important aspect is the clean up of dioxin contaminated lands. Around the country there are many Superfund sites which have successfully been cleaned up, however, to prevent further contamination of dioxins to land, the EPA has developed Hazardous Waste Identification and Disposal Rules which identify and strictly limit the disposal options of waste containing dioxins.

The US Public Health Service and the EPA have both issued a directive that 1000 ng/kg is the appropriate criterion to use for dioxins and furans in residential soil.

Wastes

The EPA proposed rules to restrict the use of dioxin-contaminated pulp and paper sludge and guidelines have been developed to limit the dioxin concentration to 31.9 pg/L.

The EPA proposed regulations limiting the dioxin content of cement kiln dust from cement plants and sludge when these by-product materials are used as soil additives.

In October 2003, the US EPA made the decision not to regulate dioxins in land-applied sewage sludge as studies have shown that dioxins from this source do not pose a significant risk to human health or the environment.

Other

The US EPA has set limits on the level of human exposure of dioxins at 0.006 pg/kg bodyweight per day.

Japan

The Law Concerning Special Measures Against Dioxins (the Dioxins Law) came into force in January 2000 to regulate the levels of dioxins in air, water and soil as well as emissions from small incinerators. This law also stipulates basic standards for dioxins in soil. The Dioxins Law stipulates the standards for dioxins as:

Ambient Air	0.6 pg-TEQ/m^3
Water	1 pg-TEQ/L
Sediment	150 pg-TEQ/g
Soil	1,000 pg-TEQ/g
Effluent	10 pg-TEQ/L
Tolerable Daily Intake	4 pg-TEQ/kg bw/day

European Union

The cornerstone of the EU environmental action is the Sixth Environment Action Program entitled *Environment 2010: Our Future, Our Choice* which has the priorities of:

- tackling climate change and global warming
- protecting the natural habitat and wildlife
- addressing environment and health issues
- preserving natural resources and managing waste.

In October 2001, to secure better protection of human health and the environment from the effects of dioxins the Commission adopted a *Communication on a Community Strategy for Dioxins, Furans and Polychlorinated Biphenyls*. The Communication outlines the problem of dioxins, the progress in addressing the problem, the remaining gaps, the basis for community action and develops a strategy to reduce the presence of these compounds in the environment, in feed and food.

Table 4 describes the current guidelines for dioxins applied within Member States of the EU.

Table 5: Current standards and guidelines for dioxins in the Member States of the EU

Country	Incineration of Waste Emissions (I-TEQ/m^3)	Iron/Steel Sintering Emissions (I-TEQ/m^3)	Paper Processing Emissions	Contaminant Soils (I-TEQ/kg)	Water	Fertiliser / Compost (I-TEQ/kg)	Sewerage Sludge	Foodstuffs (TCCD/g)	Daily Human Intake
Austria	0.1 ng	Before 31 Dec 2005 – 0.25 ng After 1 Jan 2005 – 0.1 ng (Electrical arc furnaces 0.4 ng)		No guidelines – in the past were applied to individual cases and were same level as Germany	N	Fertiliser – 50 ng Culture substrates – 20 ng	100 ng I-TEQ/kg	3 ng I-TEQ/kg (feed stock to cows)	10 pg TCCD/kg/bw (A target of 1 pg should be achieved)
Belgium	0.1 ng	New plant – 0.5 ng Existing plant – 2.5 ng			N		0.1 ng I-TEQ m^3	5 pg (foods with >2% fat) 100 pg (foods with ≤2% fat)	No maximum tolerable intake recommended
Denmark	0.1 ng				N				5 pg N-TEQ/kg/bw
Finland	New plant – 1.0 ng Existing plant – limit value 1.0 ng (target value 0.1 ng)			Proposed guideline – 2 ng Limit value – 500 ng (agricultural and residential)	N				5 pg N-TEQ/kg/bw
France	0.1 ng (new and existing)		1 ng I-TEQ/year		N			5 pg I-TEQ/g (milk and milk products)	1 pg I-TEQ/kg/bw
Germany	0.1 ng	0.1 ng	0.1 ng I-TEQ m^3	Agriculture – 5 ng – 40 ng Playgrounds – 100 ng Residential areas – 1,000 ng Industrial areas – 10,000 ng	N	Compost – 17 ng	100 ng	5 pg I-TEQ/kg (milk) 0.9 pg I-TEQ/kg (milk fat)	1 pg I-TEQ/kg/bw

Ireland	0.1 ng	0.1 ng	0.1 ng I-TEQ m^3		N				
Italy	0.1 ng			Farmable – 750 ng/m^2 Non-farmable – 5,000 ng/m^2	Zero emissions into the Venice Lagoon				10 pg I-TEQ/kg
Luxembourg	0.1 ng	0.1 ng	0.1 ng I-TEQ m^3		N				
The Netherlands	0.1 ng	0.4 ng		Residential and agricultural areas – 1,000 ng Dairy farming – 10 ng	Aquatic sediments – 100ng	Compost – 63 ng I-TEQ/kg	190 ng I-TEQ/kg	6 pg I-TEQ/kg (milk and milk products)	10 pg (Government striving towards a maximum daily intake of 1 pg)
Portugal	0.1 ng	N	N	N	N	N	N	N	N
Spain	0.1 ng	N	N	N	N	N	N	N	N
Sweden	New – 0.1 ng Existing – 0.1 to 2 ng		Use of chlorine in production has stopped	Land with sensitive use – 10 ng Land with less sensitive use – 250 ng	250 ng I-TEQ/kg for groundwater extraction			Various dietary guidelines exist for certain types of food	5 pg TEQ/kg/bw
United Kingdom	1.0 ng (with the objective of achieving 0.1ng)	1.0 ng	1.0 ng					0.66 ng (whole milk) 16.6 ng (milk fat)	10 pg

Source: European Commission DG Environment and UK Department of the Environment, Transport and the Regions, *Compilation of EU Dioxin Exposure and Health Data – Task 1 – Member State Legislation and Programmes*, Oxfordshire, 1999

N: There is no dioxin related legislation that goes beyond the requirements of the relevant EC Directives

Appendix 2: Comments received on the draft NAP from public consultation

No.	Name and contact details	Comments	Response
1	Samuel Barber General Manager Redbank Power PO Box 311 SINGLETON NSW 2330	There is mixed discussion on the highest emitters of dioxins – section 1.2 implies that power generation, waste incineration and metal smelting are the major contributors, yet in section 2 it shows that uncontrolled and controlled combustion of biomass and forests are the major sources of dioxins.	Section 1.2 has been revised to address this comment.
2 and 11	Colin Trinder and Apares Chakrabarti Environmental Stewardship Department of Defence Brindabella Park Offices CANBERRA AIRPORT ACT	There is no mention about open air burning for disposal of munitions, explosives and packaging as a potential source of dioxins.	Open air burning of munitions, explosives and packaging is not listed as a source of dioxins in the Stockholm Convention on Persistent Organic Pollutants. The Department of the Environment and Heritage (DEH) will discuss this matter with the Department of Defence and UNEP.
		Defence has specific requirements to dispose of specialised chemicals by burning, for which no alternative technology is available at present. Defence will assist in developing the Best Available Technology (BAT) and Best Environmental Practice (BEP) to replace the conventional burning methodology and assist in the areas of evaluation and testing of technology and practice.	DEH will seek the Department of Defence's advice on this area for input into international work on developing BAT and BEP guidelines under the Stockholm Convention.

		Development of a quick guide (nomograph) to work out the emission of dioxin from burning various substances would assist practitioners to check in advance the expected emission levels at sources promptly and virtually at no cost. This nomograph may also assist the designers to scale up any scrubbing system correctly for the existing facility, where required.	DEH will consider this suggestion in preparing Australia's input into international work on developing BAT and BEP guidelines under the Stockholm Convention.
		For more precise determination of the emissions level, appropriate measurement techniques should be developed and some guidance on how to control emissions would be desirable.	DEH will consider this suggestion in preparing Australia's input into international work on developing BAT and BEP guidelines under the Stockholm Convention.
		The lab facilities of testing and analysis must be available in Australia at an affordable cost for the success of this program	The National Measurement Institute is the only laboratory in Australia that is NATA accredited to undertaken dioxin analysis.
		Some thoughts need to be given in regard to how to fix the contamination that has already occurred in air, soil and groundwater, as a result of dioxin being generated unintentionally over centuries (legacy sites).	The National Environmental Protection (Assessment of Site Contamination) Measure provides a nationally consistent approach for assessing contaminated sites. This NEPM is currently under review.
		It is not clear how dioxin will interact in the atmosphere and its fate and transportation characteristics in air, soil and groundwater. It is also not clear how dioxin may impact on human health and enter into the environment, including flora and fauna and its exposure pathways.	As the information addressing these matters is discussed in the National Dioxins Program Technical Reports on Ecological Risk Assessment and Human Health Risk Assessment for Dioxins it was considered unnecessary to repeat this information in the National Action Plan. However, section 1.1 has been amended to include a reference to these reports.
		Very little is known about the epidemiological characteristics of dioxin and the methodology for estimation of human health risks. Some guidance may be useful.	As the information addressing these matters is discussed in the Human Health Risk Assessment for Dioxins it was considered unnecessary to repeat this information in the National Action Plan.

		More information on the acceptable ecological levels particularly for soil, groundwater, plant ingestion and plant uptake would be helpful. More guidance would be needed for the assessment, management and risk based remediation of dioxin related contamination, and development of EIL, HIL and acceptance criteria for clean up.	These comments will be referred to the current review of the Assessment of Site Contamination NEPM.
3	Jeffrey Rabbidge Principle Environmental Scientist Environmental Resources Management Australia PO Box 1400 SPRING HILL QLD 4004	Sections 5.2-5.4 soils, water, sediment In determining levels for soils, water and sediment, conventional derivation protocols and techniques should be used, however, data may already be available overseas to derive these trigger levels. The methodology will need to be transparent and available to the general public and need to take into account background levels of exposure from other sources.	The comments related to soils will be referred to the current review of the National Environment Protection (Assessment of Site Contamination) Measure 1999. The comments on water and sediment would be considered in future reviews of the Australian and New Zealand Guidelines for Fresh and Marine Water Quality.
		Section 5.5 Biota monitoring It should be acknowledged that the fauna study (NDP Technical Report No. 7) is statistically challenged and of very limited utility for determining current concentrations of dioxins in Australian fauna or for use in comparisons of temporal trends over time. Further studies are required for these purposes.	The comments on surveying dioxins in biota would be considered should further studies be undertaken in future.

		Further studies on biota might potentially provide information on the levels of dioxins in Australian biota, and whether source-directed measures are having an effect at reducing these levels. However, such monitoring source-directed measures should only be considered when it could be statistically robust, specific to a known source, not diluted within ambient variability or influenced by historical sources. The time scale for detecting change could be extensive given the lengthy environmental persistence of these chemicals. It might be possible to exclude historical sources of dioxins from confounding monitoring programs, or incorporating this variability into the study, if that is the question to be addressed by the study.	The comments on surveying dioxins in biota would be considered should further studies be undertaken in future.
4	Richard Hoy Energy Supply Association of Australia 2/451 Little Burke Street MELBOURNE VIC 3000	Section 3 - include a note about the cooperation of industry in monitoring and reducing dioxins emissions	Section 3 has been amended to reflect these comments.
		Section 4 - clarify description of the term BAT/BEP	Section 4 has been amended to reflect these comments.
		Section 5.1 - include a table showing sources of dioxins in Australia e.g. a table from the National Dioxins Program, Technical Report no 3 'Inventory of Dioxin emissions in Australia'.	A table has been included in the Appendices.
5	Volker Maier Nufarm 103 Pipe Road LAVERTON NORTH VIC 3026	Section 5.1 – a national guideline of 0.1ng TEQ/m^3 should be set for NEW combustion facilities. Setting a guideline for all facilities, including existing, will result in a large amount of high cost analysis and lead to existing facilities exceeding limits.	The proposed action related to guidelines has been amended to include reference to new facilities and existing facilities when they are upgraded.
		Section 4 - text about BAT/BEP needs to be consistent with Article 5 of the Stockholm Convention	Section 4 has been amended to reflect these comments.

		Section 5.2 - For contaminated sites, a single investigation level could cause unnecessary investigation and actions for industrial site. There should be encouragement to use 'indicators' pointing to potential dioxin contamination. If this is not included, then the potential is that just about every land transfer will call for dioxin analysis; a totally unnecessary cost burden on the community.	Section 5.2 - comments related to soils will be referred to the current review of the Assessment of Site Contamination NEPM.
6	Combined submission from following environment groups: Allergy, Sensitivity and Environmental Health Association Alliance for a Clean Environment Contaminated Sites Alliance Greenpeace Australia Pacific National Toxics Network Total Environment Centre WWF Australia	Elimination of POPs: Elimination rather than control of all POPs must be the goal. Prevention and phase-out programs must be prioritised, rather than end-of-pipe measures.	It is not feasible to completely eliminate all production of dioxins.
		Section 5.11 - Environment Protection and Biodiversity Conservation Act trigger: The Environment Protection and Biodiversity Conservation Act (Cth) (EPBC Act) should be amended to include a trigger for the Stockholm Convention.	The inclusion of a trigger for dioxins under the EPBC Act will be considered as part of the review to determine if additional matters of national environmental significance should be included in the Act.
		Principles of substitution and elimination: The substitution principle (substitute materials, products, and techniques) must be implemented to prevent formation and release of POPs. Priority must be given to avoiding and preventing new facilities that yield unintentional POPs by-products (e.g. dioxins), while phasing out existing ones.	The BAT and BEP guidelines being developed under the Stockholm Convention promote the use of alternative processes, products and techniques aimed at reducing and where feasible, eliminating dioxin releases.
		Section 5.1 - Avoiding and phasing out incineration: Incineration must be avoided and phased out through alternative waste management.	The BAT and BEP guidelines being developed under the Stockholm Convention promote the use of alternative processes, products and techniques aimed at reducing and where feasible eliminating dioxin release.

		Section 5.6 - Requirement of totally chlorine free pulp mills: All bleached pulp mills should be totally chlorine free (TCF). Pulp mills that are elemental chlorine free (ECF) or require the use chlorine should be phased out and the construction of new mills that use chlorine or chlorine compounds banned.	The Stockholm Convention draft BAT and BEP guidelines for pulp production does not prescribe a preferred production process. However, it notes that to decrease or eliminate the formation of dioxins in wood and non-wood bleaching processes there are a number of measures which could be adopted including eliminating elemental chlorine by replacing it with chlorine dioxide (elemental chlorine-free bleaching) or in some cases with total chlorine-free processes. Any proposals for new pulp mills would be assessed against the Stockholm guidelines and against the pulp mill guidelines recently revised by the Tasmanian Government.
		Human and environmental monitoring for POPs: A monitoring program must be established to examine the body burden of POP chemicals.	Future monitoring of dioxins would be undertaken subject to funding resources. The Food Regulation Standing Committee would support the repeat of the dioxin dietary exposure survey in ten years.
7	Kimberly-Clark Australian Pty Limited Dr Harley Wright 52 Alfred Street MILSONS POINT NSW 2061	Section 5.1 - The principle for adoption the level of 0.1 ng m^3 be reassessed and substantiated, as this limit is not based on risk-based considerations, rather based purely on potentially achievable technical levels. The risk of harm should be the key principle for setting acceptable ambient dioxin concentrations. Question the adoption of the level of 0.1 ng m^3 on the basis that it has been accepted internationally. If the ambient levels do not exceed the unacceptable threshold, a case will need to be made if levels are to be prescribed for specific emitters. If there is not a problem, there would seem no basis for regulation.	The level of 0.1 ng m^3 for dioxins has been accepted internationally as a goal for achieving best practice for controlling emissions of dioxins from combustion sources. Most states and territories have either formally or informally adopted this level already. Monitoring of ambient levels of dioxins will impose higher costs on the community.
		Section 5.3, 5.4 and 5.10 - Support the principle of using acceptable risk as the basis for setting maximum ambient levels in food and water and sediments.	These comments would be considered in future surveys of food and in reviews of the Australian and New Zealand Guidelines for Fresh and Marine Water Quality..

		Section 4 - We recommend that the principles for imposing a BAT limit on dioxin emissions be carefully assessed and provided. They should incorporate a consideration of the risks, the costs and the benefits.	BAT is an accepted approach to setting dioxin emission limits and is followed in most jurisdictions.
8	Carter Holt Harvey Limited Murray Parrish 640 Great South Road Manukau City AUCKLAND NEW ZEALAND	Section 4 - Concerned that the regulatory effort directed toward dioxin assessment and review is disproportionate to the actual risk of dioxin in Australia and relative to other environmental risks. As there are low risk of environmental and health effects, the continued decline in emissions of dioxins and the high cost of monitoring for dioxins combine to suggest that new or additional regulation of dioxins in Australia is unwarranted.	The approach adopted takes these considerations into account.
		Review Australia's National Dioxins Program to place greater emphasis on the environmental effects of any particular discharge of dioxin. References to 'permissible' levels of dioxin emission should be deleted in favour of references to adoption of BAT and BEP determined in the context of the particular emission or discharge.	The current approach is to set emission standards guided by BAT and BEP considerations. This is followed in most jurisdictions.
		Review the report recommendations with respect to dioxin emissions from biomass sources in the context of consequential and other effects adversely increasing if biomass combustion is constrained.	Research currently underway will contribute to improved knowledge about dioxin emissions from bushfires.
		Amend the reports recommendations to reflect the investment being made in particulate emissions regulation and control.	A note about industry contribution to reducing dioxin releases has been included in Section 3.
		The need for direct monitoring and regulation of dioxin should be identified as unnecessary where other factors such as particulate emission regulation will act to constrain dioxin emissions.	This matter should be resolved through the setting of individual licence conditions.

		Section 5.6 - Amend the proposed actions with respect to dioxin discharges in pulp mill effluent to remove reference to a specific emission level. If particular guidance is required for the management of dioxin from particular sources such as pulp mill waste water, it may be appropriate to define BAT/BEP for that type of discharge, perhaps allowing for a 10 year review of any limit.	The levels for dioxins in pulp mill effluent have been recommended in the recent review by the Tasmanian Government of the Pulp Mill Guidelines.
		Section 5.7 - Does not support dioxin as a reporting obligation under NPI. If national dioxin emissions inventory is required, then we recommend research into the accuracy of determining dioxin emissions by proxy, for example through the measurement reporting of particulate. There is little justification for imposing NPI obligations reporting based on volume thresholds, and the risk of distortion of business decision making to avoid arbitrary thresholds.	Dioxins are currently reported under the National Pollutant Inventory (NPI). A recent review of the NPI has recommended reporting of dioxins in toxic equivalents (TEQs). These comments will be considered in the response to the review.
		Section 5.11 – The National Action Plan identifies that the risk to Australians and Australian Biodiversity from dioxin emissions is low and falling. There therefore appears to be little justification for requiring legislative approval under the Environment Protection Biodiversity Conservation Act 1999 for dioxin emissions.	The inclusion of a trigger for dioxins under the EPBC Act will be considered as part of the review to determine if additional matters of national environmental significance should be included in the Act.
		The report highlights the significant reductions in dioxins emissions at source arising from other regulatory and community health initiatives.	Noted.

9	A3P Miles Prosser Level 3, Tourism House 40 Blackall Street BARTON ACT 2600	The Action Plan should be comprehensive in its scope and continue the current path towards a steady reduction in the already low level of dioxin emissions, including through encouraging low dioxin emissions at the time of investment or upgrade of industrial plants.	Agreed. This is the approach adopted by the Action Plan.
		The Plan should avoid costly measurement regimes and enforcing emission levels in existing facilities that will be replaced by cleaner technology in the normal capital replenishment cycle. A3P supports guideline ambient levels based on risk assessment.	Ambient levels are not usually used for regulating dioxins. Measurement requirements for industry are a matter for individual licences.
		Setting dioxin emission levels for point sources and then presumably requiring some form of monitoring and reporting to ensure compliance could create a substantial cost for industry. Significant costs seem out of proportion given that dioxin levels are currently low and existing Government actions appear to be driving them lower.	Measurement requirements are a matter for individual licences. Emission levels are already party of policy and/or practice in most jurisdictions.
		Section 5.1 - The proposal to set a blanket emission level for dioxins to air of 0.1 ng TEQ/m3 seems unjustified. It does not seem to be based on likely risk from such a level. A3P considers that risk assessment should be the primary basis for action.	The level of 0.1 ng/m^3 for dioxins has been accepted internationally as a goal for achieving best practice for controlling emissions of dioxins from combustion sources. Most states and territories have either formally or informally adopted this level already.

Section 5.1, 5.3 and 5.4 - It is recommended that where the plan proposes to "consider including a level for dioxins", for both ambient levels and emissions, that this be limited by: "if it can be demonstrated that the benefits of including a level exceed the costs of measurement, reporting and compliance". Furthermore, there should either be an additional action (or existing actions should be expanded) to include: "To enable efficient monitoring and compliance, methods should be developed that allow the estimation of dioxin emissions based on process, technology and activity levels" rather than laboratory analysis.	The level of 0.1 ng/m^3 for dioxins has been accepted internationally as a goal for achieving best practice for controlling emissions of dioxins from combustion sources. Most states and territories have either formally or informally adopted this level already.
Section 5.1 - A similarly flexible approach should be employed in the National Dioxins Plan given the potentially high cost of determining whether existing facilities meet the proposed level and the additional cost of re-engineering if required. A flexible approach would seem particularly appropriate given the current low dioxin levels.	The level of 0.1 ng/m^3 for dioxins has been accepted internationally as a goal for achieving best practice for controlling emissions of dioxins from combustion sources. Most states and territories have either formally or informally adopted this level already.
Section 5.1 - It is recommended that the proposed action on national guidelines for dioxins emissions from combustion facilities be expanded to include: "The guidelines should allow flexibility. They should consider the relative contribution of each source and the costs of compliance particularly when applied to existing facilities."	The level of 0.1 ng/m^3 for dioxins has been accepted internationally as a goal for achieving best practice for controlling emissions of dioxins from combustion sources. Most states and territories have either formally or informally adopted this level already.
A3P is supportive of the overall approach outlined in the National Action Plan for addressing dioxins in Australia.	Noted.

		The greatest reductions in dioxins will be achieved through the application of Best Available Techniques and Best Environmental Practices for new facilities and upgrade of existing facilities.	Agreed.
10	Food Regulation Standing Committee C/-Department of Health and Ageing GPO Box 9848 CANBERRA ACT 2601	Section 5.10 - Given the current low public health risk associated with food sources, the Food Regulation Standing Committee (FRSC) decided that setting maximum levels and generally expected levels for dioxins in food is not appropriate at this stage.	Section 5.10 has been amended to reflect this decision.
		Section 5.10 - FRSC would support the repeat of the dioxin dietary exposure survey in ten years, contingent on future decisions about funding and the lead agency. Should a future survey show that source-directed measures have been ineffective in reducing dioxin levels in foods, FRSC will give further consideration to establishing levels for dioxins in food.	Section 5.10 has been amended to reflect this decision.
11	See comments under 2		
12	Clean Air Society of Australia and New Zealand Queensland Branch Dr Ken Verrall 449 Whitehorse Road BALWYN VIC 3103	Section 5.1 - Strongly supports the adoption of the 0.1 ng TEQ/m^3 level as a national guideline for dioxin emissions from combustion facilities; however, clarification on the industries covered under this criterion is recommended.	Noted.
		Section 4 - Strongly supports the use of the recommendations in the Stockholm Convention BAT and BEP guidance for new facilities and for existing facilities	Noted.

		when they are upgraded.	
		Section 5.1 - To improve our knowledge on emissions from Australian industry sources, strongly encourages the use of licence requirements to provide mass emission and concentration data that will assist in improving the knowledge base on emissions from sources shown to have a high level of uncertainty in emission estimates. For example, the zinc production and metal sintering sectors.	The suggestion to use licence requirements to provide mass emission and concentration data can be considered by individual jurisdictions.
		Section 5.1 - Strongly supports the use of existing measures aimed at reducing particle emissions from woodheaters. However, given the recognised health impacts from exposure to woodheater emissions, CASANZ strongly encourages intergovernmental measures and strategies to reduce the overall use of woodheaters, for example restricting woodheater installation in new housing developments and/or phasing out the use of woodheaters within given timeframes.	These suggestions would be considered in the context of activities related to improving the use of woodheaters.
		Section 5.1 - Given the costs associated with dioxin sampling, CASANZ supports the monitoring of overseas research looking at emissions of dioxins from diesel, LPG and CNG vehicles to determine whether further action is required in Australia.	Noted.
		Section 5.1 - Strongly supports further research into dioxin emissions from bushfires to provide firmer evidence on whether bushfires are the actual source, or whether dioxins are re-suspended from the soil during a fire. The research that has been performed in Australia is excellent and CASANZ recommends continued support of research programs to maintain Australia's status as a leading authority.	Research currently underway will contribute to improved knowledge about dioxin emissions from bushfires.

		Section 5.1 - Supports the detailed study into assessing the relative priority of dioxins, for possible inclusion into the Air Toxics NEPM.	Noted.
		Dioxins have been an emotive issue and CASANZ recommends supporting the Action Plan with public awareness and education programs.	This issue will be taken up in the Stockholm Intergovernmental Forum.
13	Australasian Fire Authorities Council Mark Chladil GPO Box 1526 HOBART TAS 7001	AFAC members want to see both the positive and negative aspects of smoke resulting from both planned and unplanned use of fire discussed in the development and justification of public policy and so the breadth of the National Action Plan proposals are supported.	Noted.
		AFAC supports the recognition that dioxins will be released from burning vegetation irrespective of the legal or operational status of the fire, and that the release by fire will be inevitable in most vegetation types across the continent. Given the experience of large fires in recent times, it is neither practical nor desirable for the final version of the National Action Plan to become focussed on removal of fire from the landscape.	Noted.
		Improved knowledge about fire and smoke will allow improved management of the smoke from both planned burns and bushfires and AFAC members are committed to using the best practices in their use of fire for land management and in fire suppression.	Noted.
14	Nick Pastalatzis 132 Glengala Road WEST SUNSHINE VIC 3020	Section 5.1 – the EPHC should be advised when prescribed burning will be taken place to reduce exposure to human health.	The EPHC itself is not in a position to be advised when prescribed burning takes place, but State bushfire authorities work closely with environment protection agencies to ensure hazard reduction control burns minimise the impact on human health.

		Section 5.8 - To discourage further cigarette smoking, ban the farming of tobacco, specifically in areas adjacent to major river systems such as the Murray and Darling Rivers.	The suggestion to ban tobacco growing is outside the scope of the Dioxins Action Plan.
		Section 1, Table 1 – include a definition of TEF and NATO CCMS	These terms have been included in the glossary.
		Unit of measurement table – include information on levels of dioxins which will impact on human health	This information is discussed in the National Dioxins Program Technical Report on Human Health Risk Assessment for Dioxins.
		Section 5.1 – further public education campaigns should be used to discourage the use of domestic woodheaters. For example, keeping the heated areas to the rooms that are used and ensure better insulation.	State and Territory governments will continue with their campaign to gain further public awareness of the impact of woodheaters on the environment.

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5. Dioxins in Soils in Australia
6. Dioxins in Aquatic Environments in Australia
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9. Dioxins in the Australian Population: Levels in Blood
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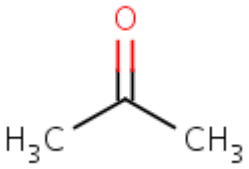

Acetone

The majority of the following information has been sourced from ATSDR (1994), with other sources listed in the references.

Chemical Identification

Synonyms: Dimethyl ketone, 2-Propanone, beta-Ketopropane.

CAS: 67-64-1

Molecular Formula: C_3H_6O

Molecular Weight: 58.08

General

Acetone is a colourless liquid that evaporates readily into the air and mixes well with water.

Acetone is a chemical that is found naturally in the environment (e.g. in plants, trees, volcanic gases and forest fires) and is also produced by industries to make other chemicals that make plastics, fibres and drugs. Acetone is also used to dissolve other substances. Acetone can also enter the environment during its manufacture and use, in exhaust from automobiles, and from tobacco smoke, landfills, and certain kinds of burning waste materials.

Low levels are normally present in the body from the breakdown of fat, with the body using it in normal processes that make sugar and fat.

Significance of Exposure Pathways and Background

The most significant exposure pathway is inhalation of contaminated air, both indoor and outdoor. Although acetone has been detected in certain foods (fruit and vegetables), beverages, tap water and soil, these do not constitute major sources of exposure for most people (ATSDR, 1994).

The bloodstream absorbs acetone rapidly and completely from the lungs and stomach. The bloodstream can also absorb acetone from the skin, but less rapidly than from the lungs and stomach. Blood carries acetone to all body organs (ATSDR, 1994).

Limited information is available regarding background levels of acetone in air, water, and soil. Therefore in absence of compound-specific background exposure data, the background exposure for volatile COPC has been set at 10% in accordance with the total petroleum hydrocarbon (TPH) background exposure allocation used to derive the Health Screening Levels (HSLs) published by CRC CARE (Friebel, E. and Nadebaum, P., 2011).

In absence of sufficient compound-specific absorption data for the oral, inhalation and dermal routes, the absorption for volatile COPC has been set at 100% for oral and inhalation exposure and 20% for dermal exposure in accordance with the absorption allocation adopted during derivation of the HSLs for volatile TPH fractions (Friebel, E. and Nadebaum, P., 2011).

Non-Carcinogenic Health Effects

Workers and people exposed to acetone in the laboratory have complained that acetone irritated their noses, throats, lungs, and eyes. Those exposed to acetone at 12,000 ppm or higher also complained of headache, light headedness, dizziness, unsteadiness, and confusion depending on how long they were exposed (from 2 minutes to 4 hours). Two workers exposed for four (4) hours became unconscious.

In addition, some people who had casts applied with acetone were exposed to acetone that evaporated into air during and after the casts were applied. These patients became nauseous, vomited blood, and became unconscious. Some people exposed to acetone in the air at about 250 ppm for several hours in the lab had headaches and lacked energy, and they also had some mild behavioural effects. Some people exposed to 500 ppm in the air for several hours in the lab had effects on the blood, but other studies showed no effects on the blood at even higher exposure levels.

People who swallowed acetone or substances that contained acetone became unconscious, but they recovered in the hospital. The amount of acetone that these people swallowed was not always known, but one man swallowed about 2,250 milligrams of pure acetone per kilogram of body weight (2,250 mg/kg). In addition to becoming unconscious, he had tissue damage in his mouth and he later developed a limp, which eventually cleared up, and symptoms similar to diabetes (excessive thirst, frequent urination).

In a lab experiment, people who had liquid acetone applied directly on their skin and held there for a half hour developed skin irritation. When the skin was looked at under a microscope, some of the skin cells were damaged.

Animals briefly exposed to high levels of acetone in the air also had lung irritation and became unconscious; some died. Exposure at lower levels for short periods also affected their behaviour. Pregnant animals that were exposed to high levels of acetone in air had livers that weighed more than usual and had fewer foetuses. The foetuses weighed less than normal and had delayed bone development.

Animals given large amounts of acetone to swallow or drink for short periods had bone marrow hypoplasia (fewer new cells being made), degeneration of kidneys, heavier than normal livers and bigger liver cells, and collapse and listlessness. Pregnant mice that swallowed acetone had lower body weights and produced fewer newborn mice. More of the newborn mice that had swallowed acetone died in comparison to newborn mice that were not given acetone.

Male rats that swallowed or drank even small amounts of acetone for long periods had anaemia and kidney disease. The female rats did not have anaemia, but they had kidney disease when they swallowed a much larger amount of acetone than the male rats swallowed. The female rats had livers and kidneys that weighed more than normal, and so did the male rats, but only when they swallowed larger amounts of acetone than the females swallowed. The male rats also had abnormal sperm. The female rats did not have any effects in their reproductive organs. Rats also had signs that acetone caused effects on their nervous systems.

Acetone is irritating to the skin of animals when it is placed directly on their skin, and it burns their eyes when placed directly in their eyes. Guinea pigs have been reported to develop cataracts in their eyes when acetone was placed on their skin.

One effect of acetone seen in animals is an increase in the amount of certain enzymes (chemicals in the body that help break down natural substances in the body and chemicals that enter the body). The increase in these enzymes caused by acetone exposure can make some chemicals more harmful.

Identification of Non-Carcinogenic Toxicity Reference Values

The dose-response values provide an estimate of exposure to the human population that is likely to be without an appreciable risk of deleterious effects during a lifetime. The oral exposure represents a daily value and the inhalation exposure represents continuous inhalation. These values are intended for use in risk assessments for health effects known or assumed to be produced through a nonlinear (presumed threshold) mode of action (USEPA, 2013). Available chronic dose-response values published by sources recognised and endorsed by enHealth (enHealth, 2012), NEPC (NEPC, 1999) and the USEPA and are summarised below. Fussy

Oral

The oral dose-response value is expressed in units of mg/kg/day. This value may be termed a Reference Dose (RfD), Tolerable Daily Intake (TDI), or Minimal Risk Level for oral exposure (MRL) depending on the agency of derivation.

Table 1 Published Threshold Dose-Response Values for Acetone - Oral

Agency	Oral Dose-Response Value (mg/kg/day)	Source	Target Endpoint	Test Animal	UF	Notes
NSF International	0.9	NSF International (2003)	Nephropathy	Rats	1000	RfD. Based on USEPA, 2003.
ATSDR	2	ATSDR (1994)	Haematological effects	Rats	100	Intermediate MRL. Based on studies by Dietz et al., 1991 and NTP 1991.

Agency	Oral Dose-Response Value (mg/kg/day)	Source	Target Endpoint	Test Animal	UF	Notes
IRIS	0.9	USEPA (2003)	Nephropathy	Rats	1000	RfD. Based on studies by Dietz et al., 1991 and NTP 1991.

ATSDR – Agency for Toxic Substances and Disease Registry
IRIS – Integrated Risk Information System.
UF – Uncertainty Factor.

Inhalation

The inhalation dose-response value is expressed in units of mg/m^3. This value may be termed a Reference Concentration (RfC), Guidelines Value (GV), Tolerable Concentration (TC), or Minimal Risk Level for inhalation (MRL) depending on the agency of derivation.

Table 2 Published Threshold Dose-Response Values for Acetone - Inhalation

Agency	Inhalation Dose-Response Value (mg/m^3)	Source	Target Endpoint	Test Animal	UF	Notes
ATSDR	30.88*	ATSDR (1994)	Neurological effects	Human	100	Chronic MRL. Based on study by Stewart et al., 1975

ATSDR – Agency for Toxic Substances and Disease Registry
UF – Uncertainty Factor.
* Converted from 13ppm to mg/m^3 using the molecular weight of 58.08 and assuming 25ºC and 760 mm Hg

Carcinogenicity and Genotoxicity

Acetone does not cause skin cancer in animals when it is applied to their skin. It in unknown whether acetone would cause cancer after breathing or swallowing it for long periods because no tests have been conducted. The Department of Health and Human Services and the International Agency for Research on Cancer have not classified acetone for carcinogenic effects. The US EPA has determined that acetone is not classifiable as to its human carcinogenicity.

Identification of Carcinogenic Toxicity Reference Values

Oral and Inhalation

ATSDR and USEPA have evaluated the carcinogenicity data for acetone**.** USEPA determined that under the Draft Revised Guidelines for Carcinogen Risk Assessment (USEPA, 1999), data are inadequate for an assessment of the human carcinogenic potential of acetone**.** This weight-of-evidence determination is based on the availability of one human study of limited utility, no chronic animal studies, and no additional information on structural analogues with known carcinogenic potential. Acetone has tested negative in almost all genotoxicity studies. The previous IRIS assessment included a weight of evidence classification of Group D - not classifiable as to human carcinogenicity - based on the Guidelines for Carcinogen Risk Assessment (USEPA, 1986). ATSDR has published a Toxicological Profile for Acetone. Although ATSDR discusses the carcinogenicity data in its Toxicological Profiles, it does not currently assess cancer potency or perform cancer risk assessments.

Adopted Dose-Response Values

Dose-response values for threshold and non-threshold effects associated with oral or inhalation exposure to benzene have not been published by Australian regulatory bodies.

Threshold (Non-Carcinogenic)

For assessment of potential threshold effects associated with oral exposure to acetone, AECOM has adopted the reference dose of **2 mg/kg/day** published by ATSDR (ATSDR, 1994).

For assessment of potential threshold effects associated with inhalation exposure to acetone, AECOM has adopted the inhalation reference concentration of **30.88 mg/m^3** published by ATSDR (ATSDR, 1994).

References

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Antimony – Toxicological Profile

The majority of the following information has been sourced from ATSDR (1992), with other sources listed in the references.

Chemical Identification

CAS: 7440-36-0

Molecular Formula: Sb

Molecular Weight: 121.76 g/mol

Significance of Exposure Pathways and Background

The background intake of antimony is considered to be negligible and therefore, a background intake of 0% was adopted.

Adopted Dose-Response Values

Dose-response values for threshold and non-threshold effects associated with oral or inhalation exposure to antimony have not been published by Australian regulatory bodies.

Threshold (Non-Carcinogenic)

For assessment of potential threshold effects associated with oral exposure to antimony, AECOM has adopted the reference dose of **0.006 mg/kg/day** published by RIVM (RIVM, 2008).

As reference concentration data for antimony inhalation have not been published, the RfD (RVIM, 2008) has been converted to an RfC (RfC = (body weight x RfD)/ inhalation rate, where body weight is assumed to be 70 kgs and inhalation rate equal to 20 m3/day) and the RfC of **0.021 mg/m^3** accepted.

Non-Threshold (Carcinogenic)

To AECOM's knowledge, non-threshold dose-response criteria for oral and inhalation exposure to antimony have not been published by Australian or other regulatory bodies. Potential health effects associated with oral and inhalation exposure to antimony have therefore been assessed on the basis of threshold dose response criteria.

References

ASC NEPM, 2013. *National Environment Protection (Assessment of Site Contamination) Measure 1999* as amended May 2013. National Environment Protection Council (NEPC).

ATSDR, 1992. *Toxicological Profile for Antimony*. Agency for Toxic Substances and Disease Registry. September 1992.

Friebel and Nadebaum, 2011. *Health screening levels for petroleum hydrocarbons in soil and groundwater. Part 1: Technical development document.* CRC Care Technical Report no. 10, CRC for Contamination Assessment and Remediation of the Environment, Adelaide, Australia. September 2011.

RIVM (2008). *Re-evaluation of some human-toxicological Maximum Permissible Risk levels earlier evaluated in the period 1991 - 2001*. National Institute of Public Health and the Environment, Bilthoven, Netherlands.

Arsenic (inorganic)

The majority of the following information has been sourced from NEPC (2013) and ATSDR (2007), with other sources listed in the references.

Chemical Identification

CAS: 7440-38-2

Molecular Formula: As

Molecular Weight: 74.92 g/mol

General

Arsenic is a metalloid that can exist in four valence states (-3, 0, +3 and +5) and forms a steel grey, brittle solid in elemental form. Under reducing conditions, arsenite (As III) is the dominant form and, in well oxygenated environments, arsenate (AsV) is the dominant form. It is the 20th most commonly occurring element in the Earth's crust, occurring at an average concentration of 3.4 ppm.

Inorganic arsenic occurs naturally in soil and rocks especially in minerals and ores containing copper or lead. Presently, about 90% of all arsenic produced is used as a preservative (copper chromate arsenate) for wood to protect it from rotting and decay. In the past, inorganic arsenic compounds have been used as pesticides, primarily on cotton fields and in orchards however this is now prohibited.

Naturally occurring arsenic may enter the air, water, and land from wind-blown dust and may get into water from runoff and leaching. Arsenic may enter the environment during the mining and smelting and small amounts may be released into the atmosphere from coal-fired power plants and incinerators.

Arsenic readily dissolves in water and is detected in lakes, rivers, or underground water as well as in rain or snow and industrial waste discharges. Arsenic cannot be destroyed in the environment and ultimately ends up in soil or sediments.

Significance of Exposure Pathways and Background

Ingestion of soil and dust is considered the most significant pathway of exposure for inorganics in soil (NEPC, 2013). However, the bioavailability and inclusion of other exposure pathways should also be assessed e.g. inhalation of arsenic adsorbed to particulates.

A range of 25-75% bioavailability may be appropriate for the assessment of arsenic in soil (NEPC, 2013). The range of bioavailabilities considered would need to be based on suitable data in relation to source and site-specific bioavailability (where lower bioavailability values were considered appropriate).

NEPC (2013) reviewed the background intakes of arsenic from other sources, as a percentage of the toxicity reference values. Based on this review, a background intake of 50% was determined for oral and dermal pathways while a background intake of 0% was determined for the inhalation pathway.

Non-Carcinogenic Health Effects

Inorganic arsenic is responsible for most cases of arsenic induced toxicity in humans. Although there may be some differences in the potency of different chemical forms (e.g. arsenites tend to be somewhat more toxic than arsenates), these differences are usually minor. An exception would be arsine, which is highly toxic.

It is generally accepted that the arsenic-carbon bond is quite strong and most mammalian species do not have the capacity to break this bond; thus, inorganic arsenic is not formed during the metabolism of organic arsenicals. Inorganic As(V) is readily reduced to inorganic forms which are taken up by the cell, usually hepatocytes.

Studies have identified effects on virtually every organ or tissue evaluated, although some end points appear to be more sensitive than others. Available data from humans identify the skin as the most sensitive noncancer target following long-term oral arsenic exposure. Typical dermal effects include hyperkeratinization of the skin (especially on the palms and soles), formation of multiple hyperkeratinized corns or warts, and hyperpigmentation of the skin with interspersed spots of hypopigmentation. Oral exposure data from studies in humans indicate that

these lesions typically begin to manifest at exposure levels of about 0.002–0.02 mg As/kg/day. At these exposure levels, peripheral vascular effects are also commonly noted, including cyanosis, gangrene and “Blackfoot Disease.” Other reported cardiovascular effects include increased incidences of high blood pressure and circulatory problems.

Nausea, vomiting, and diarrhea are very common symptoms in humans following oral exposure to inorganic arsenicals, both after acute high-dose exposure and after repeated exposure to lower doses; these effects are likely due to a direct irritation of the gastrointestinal mucosa. Acute, high-dose exposure can lead to encephalopathy, with clinical signs such as confusion, hallucinations, impaired memory, and emotional liability, while long-term exposure to lower levels can lead to the development of peripheral neuropathy characterized by a numbness in the hands and feet that may progress to a painful "pins and needles" sensation. Recent studies also have reported neurobehavioral alterations in arsenic-exposed children.

Chronic exposure in drinking water has been associated with excess incidence of miscarriages, stillbirths, preterm births, and infants with low birth weights. Animal data suggest that arsenic may cause changes to reproductive organs of both sexes, including decreased organ weight and increased inflammation of reproductive tissues, although these changes may be secondary effects. However, these changes do not result in a significant impact on reproductive ability.

A large number of studies in humans have reported cardiovascular effects after acute and long term oral exposure to inorganic arsenic compounds. Studies of workers exposed by inhalation report irritation of the mucous membranes of the nose and throat, which may lead to laryngitis, bronchitis, or rhinitis. Respiratory effects have also been reported following oral exposure to inorganic arsenic and include respiratory distress, hemorrhagic bronchitis, and pulmonary edema; however, it is not clear whether these are primary effects or are the result of damage to the pulmonary vascular system.

A common effect following both oral and inhalation exposure to inorganic arsenic is the development of peripheral neuropathy. Workers exposed at pesticide plants or smelters, have shown increased incidence of neurological changes including sensory and motor polyneuropathy.

Identification of Non-Carcinogenic Toxicity Reference Values

The dose-response values provide an estimate of exposure to the human population that is likely to be without an appreciable risk of deleterious effects during a lifetime. The oral exposure represents a daily value and the inhalation exposure represents continuous inhalation. These values are intended for use in risk assessments for health effects known or assumed to be produced through a nonlinear (presumed threshold) mode of action (USEPA, 2013). Available chronic dose-response values published by sources recognised and endorsed by enHealth (enHealth, 2012), NEPC (NEPC, 2013) and the USEPA and are summarised below.

Oral

The oral dose-response value is expressed in units of mg/kg/day. This value may be termed a Reference Dose (RfD), Tolerable Daily Intake (TDI), or Minimal Risk Level for oral exposure (MRL) depending on the agency of derivation.

Table 1 Published Threshold Dose-Response Values for Arsenic - Oral

Agency	Oral Dose-Response Value (mg/kg/day)	Source	Target Endpoint	Test Animal	UF	Notes
NEPC	0.002	NEPC (2013)	-	-	-	RfD. Based on Australian and International approaches.
NHMRC	0.0003	NHMRC (2011)	-	-	-	TDI. Calculated from guideline value of 0.01.
ATSDR	0.0003	ATSDR (2007)	Dermal effects	Human	3	Chronic MRL. Based on a number of studies.
IRIS	0.0003	USEPA (2013)	Dermal effects	Human	3	RfD. Based on Tseng, 1977 and Tseng et al., 1968.

Agency	Oral Dose-Response Value (mg/kg/day)	Source	Target Endpoint	Test Animal	UF	Notes
RIVM	0.001	Baars AJ et al. (2001)	Dermal effects	Human	2	TDI. Health Council of The Netherlands, 1993

NEPC – National Environment Protection Council
NHMRC – National Health and Medical Research Council
ATSDR – Agency for Toxic Substances and Disease Registry
IRIS – Integrated Risk Information System
RIVM – National Institute of Public Health and the Environment (Netherlands)
UF – Uncertainty Factor.

Inhalation

The inhalation dose-response value is expressed in units of mg/m^3. This value may be termed a Reference Concentration (RfC), Toxicity Reference Value (TRV), Tolerable Concentration (TC), or Minimal Risk Level for inhalation (MRL) depending on the agency of derivation.

Table 2 Published Threshold Dose-Response Values for Arsenic - Inhalation

Agency	Inhalation Dose-Response Value (mg/m^3)	Source	Target Endpoint	Test Animal	UF	Notes
NEPC	0.001	NEPC (2013)	Lung Cancer	Human	10	TRV. Based on RIVM (2001).
California EPA	0.000015	USEPA (2013)	-	-	-	RfC.
RIVM	0.001	RIVM (2001)	Lung Cancer	Human	10	RfC. Based on Blom et al., 1985 and Lagerkvist et al., 1984.

Carcinogenicity and Genotoxicity

The International Agency for Research on Cancer (IARC) has classified arsenic and inorganic arsenic compounds as Group 1 – carcinogenic to humans.

Arsenic is a known human carcinogen based on human epidemiological studies that show skin and internal cancers (in particular, bladder, liver and lung) associated with chronic exposures to arsenic in drinking water. There are limited animal studies is because arsenic has not been shown to cause cancer in rodents due to interspecies differences between rodents and humans.

A recent Australian review of available data (APVMA, 2005) on arsenic carcinogenicity and genotoxicity noted the following:

- The mechanisms behind tumour formation and chromosomal damage do not appear to involve mutagenesis.
- The epidemiological evidence from occupational exposure studies indicates that arsenic acts at a later stage in the development of cancer.

This supports the notion that arsenic appears to behave like a carcinogen which exhibits a threshold effect.

On the basis of the above and other studies identified in NEPC (2013), the use of threshold dose-response for the assessment of carcinogenic effects associated with arsenic exposure is considered appropriate.

Identification of Carcinogenic Toxicity Reference Values

Oral

The oral dose-response value is expressed in units of $(mg/kg/day)^{-1}$. This value may be termed a Cancer Slope Factor (CSF), a Cancer Risk (CR), Slope Factor (SF), Risk Specific Dose (RSD) or Toxic Dose (that corresponds

to a 5% increase in mortality) (TD_{05}) depending on the agency of derivation. Some agencies present guideline values which may be converted to dose-response values.

Table 3 Published Non-Threshold Dose-Response Values for Arsenic – Oral

Agency	Oral Cancer Slope Factor $(mg/kg/day)^{-1}$	Notes	Source
IRIS	1.5	Slope factor. USEPA (2013)	Based on Tseng, 1977 and Tseng et al., 1968.
Health Canada	1.5	Slope factor converted from TD_{05}.	Health Canada (1993)

IRIS – Integrated Risk Information System.

Inhalation

The inhalation dose-response value is expressed in units of mg/m^3. This value may be termed a Unit Risk (UR), Cancer Risk (CR), Risk Specific Concentration (RSC), Toxic Dose (that corresponds to a 5% increase in mortality) (TD_{05}) or Tolerable Concentration in Air (TCA) depending on the agency of derivation.

Table 4 Published Non-Threshold Dose-Response Values for Arsenic - Inhalation

Agency	Inhalation Unit Risk Factor $(mg/m^3)^{-1}$	Notes	Source
WHO	0.0015	Unit risk.	WHO (2000)
IRIS	0.0043	Unit risk. USEPA (2013)	USEPA (2013)
Health Canada	0.0015	Unit risk converted from TD_{05}.	Health Canada (1993)
RIVM	0.001	TCA.	Based on Blom et al., 1985 and Lagerkvist et al., 1984.

IRIS – Integrated Risk Information System.
RIVM – National Institute of Public Health and the Environment (Netherlands)
WHO – World Health Organisation

Adopted Dose-Response Values

Threshold (Non-Carcinogenic)

For assessment of potential threshold effects associated with oral exposure to inorganic arsenic, AECOM has adopted an oral TRV of 0.002 mg/kg/day (NEPC, 2013).

For assessment of potential threshold effects associated with inhalation exposure to inorganic arsenic, AECOM has adopted the NEPC (2013) inhalation TRV of 0.001 mg/m^3.

Non-Threshold (Carcinogenic)

As noted above, a linear (non-threshold) dose-response is not supported for carcinogenic effects associated with arsenic exposure. The use of a threshold dose-response approach for the assessment of carcinogenic effects associated with arsenic exposure is therefore considered reasonable.

References

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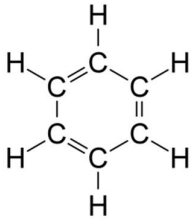

Benzene

The majority of the following information has been sourced from ATSDR (2007), with other sources listed in the references.

Chemical Identification

Synonyms: benzene, benzol

CAS: 71-43-2

Molecular Formula: C_6H_6

Molecular Weight: 78.11 g/mol

General

Although benzene occurs naturally and is emitted by volcanoes and forest fires, the greatest sources are associated with the manufacture of plastics, resins, and nylon and other synthetic fibres. Benzene is used to make some types of rubbers, lubricants, dyes, detergents, drugs, and pesticides and is a natural part of crude oil, gasoline, and cigarette smoke.

Significance of Exposure Pathways and Background

The most significant exposure pathway is inhalation of contaminated air and tobacco smoke from both active and passive smoking. Although benzene has been detected in certain foods, beverages and tap water, these do not constitute major sources of exposure for most people (ATSDR, 2007).

CRC CARE (Friebel, E. and Nadebaum, P., 2011) reviewed the air background levels in Australia for benzene and below is a summary of this review and the assumptions adopted during development of the health screening levels (HSLs):

- an allocation of 20% of the RfC was attributed to background benzene in air which was considered to be protective of the majority of residential properties in Sydney and Melbourne.

The adopted skin absorption factor was set at 8%, as adopted by CRC CARE during derivation of the benzene HSL (Friebel, E. and Nadebaum, P., 2011).

Non-Carcinogenic Health Effects

Damage to both the humoral and cellular components of the immune system has been known to occur in humans following inhalation exposure. This is manifested by decreased levels of antibodies and decreased levels of leukocytes in workers. Animal data support these findings.

The most characteristic systemic effect resulting from intermediate and chronic benzene exposure is arrested development of blood cells. Early biomarkers of exposure to relatively low levels of benzene include depressed numbers of one or more of the circulating blood cell types. A common clinical finding in benzene hematotoxicity is cytopenia, which is a decrease in various cellular elements of the circulating blood manifested as anemia, leukopenia, or thrombocytopenia in humans and in animals. Benzene associated cytopenias vary and may involve a reduction in one (unicellular cytopenias) to all three (pancytopenia) cellular elements of the blood.

Benzene causes a life-threatening disorder called aplastic anemia in humans and animals. This disorder is characterized by reduction of all cellular elements in the peripheral blood and in bone marrow, leading to fibrosis, an irreversible replacement of bone marrow. Benzene has also been associated with acute non-lymphocytic leukemia in humans, and aplastic anemia may be an early indicator of developing acute non-lymphocytic leukemia in some cases.

Limited information is available on other systemic effects reported in humans and is associated with high–level benzene exposure. Respiratory effects have been noted after acute exposure of humans to benzene vapors. Cardiovascular effects, particularly ventricular fibrillation, have been suggested as the cause of death in fatal exposures to benzene vapor. Gastrointestinal effects have been noted in humans after fatal inhalation exposure (congestive gastritis), and ingestion (toxic gastritis and pyloric stenosis), of benzene.

Myelofibrosis (a form of aplastic anemia) was reported by a gasoline station attendant who had been exposed to benzene by inhalation, and probably also through dermal contact. Myalgia was also reported in steel plant workers exposed to benzene vapors. Reports of renal effects in humans after benzene exposure consist of kidney congestion after fatal inhalation exposure. Dermal and ocular effects including skin irritation and burns, and eye irritation have been reported after exposure to benzene vapors. Swelling and edema have been reported to occur in a human who swallowed benzene. Studies in animals show systemic effects after inhalation exposure, including cardiovascular effects. Oral administration of benzene to animals has yielded information concerning hepatic effects. A study conducted in rabbits lends support to the finding that benzene is irritating and damaging to the skin and also shows that it is irritating and damaging to the eyes following dermal or ocular application.

Identification of Non-Carcinogenic Toxicity Reference Values

The dose-response values provide an estimate of exposure to the human population that is likely to be without an appreciable risk of deleterious effects during a lifetime. The oral exposure represents a daily value and the inhalation exposure represents continuous inhalation. These values are intended for use in risk assessments for health effects known or assumed to be produced through a nonlinear (presumed threshold) mode of action (USEPA, 2012). Available chronic dose-response values published by sources recognised and endorsed by enHealth (enHealth, 2004), NEPC (NEPC, 1999) and the USEPA and are summarised below.

Oral

The oral dose-response value is expressed in units of mg/kg/day. This value may be termed a Reference Dose (RfD), Tolerable Daily Intake (TDI), or Minimal Risk Level for oral exposure (MRL) depending on the agency of derivation.

Table 1 Published Threshold Dose-Response Values for Benzene - Oral

Agency	Oral Dose-Response Value (mg/kg/day)	Source	Target Endpoint	Test Animal	UF	Notes
ATSDR	0.0005	ATSDR (2007)	Decreased lymphocyte count	Human	30	Chronic MRL. Based on study by Lan et al., 2004
IRIS	0.004	USEPA (2003)	Decreased lymphocyte count	Human	300	RfD. Based on Study by Rothman et al., 1996

ATSDR – Agency for Toxic Substances and Disease Registry

IRIS – Integrated Risk Information System.

UF – Uncertainty Factor.

Inhalation

The inhalation dose-response value is expressed in units of mg/m^3. This value may be termed a Reference Concentration (RfC), Tolerable Concentration (TC), or Minimal Risk Level for inhalation (MRL) depending on the agency of derivation.

Table 2 Published Threshold Dose-Response Values for Benzene - Inhalation

Agency	Inhalation Dose-Response Value (mg/m^3)	Source	Target Endpoint	Test Animal	UF	Notes
ATSDR	0.0096*	ATSDR (2007)	Decreased lymphocyte count	Human	10	Chronic MRL. Based on study by Lan et al., 2004
IRIS	0.03	USEPA (2003)	Decreased lymphocyte count	Human	300	RfC. Based on Study by Rothman et al., 1996

*Converted from 0.003ppm to mg/m^3 using the molecular weight of 78.11 and assuming 25ºC and 760 mm Hg

Carcinogenicity and Genotoxicity

The carcinogenicity of benzene is well documented in exposed workers. Epidemiological studies and case reports provide clear evidence of a causal relationship between occupational exposure to benzene and benzene-containing solvents and the occurrence of acute myelogenous leukemia (AML). The epidemiological studies are generally limited by confounding chemical exposures and methodological problems, including inadequate or lack

of exposure monitoring and low statistical power, but a consistent excess risk of leukemia across studies indicates that benzene is the causal factor. The IARC have classified benzene as a Group 1 agent (carcinogenic).

In vivo and *in vitro* data from both humans and animals indicate that benzene and/or its metabolites are genotoxic. Chromosomal aberrations (hypo- and hyperdiploidy, deletions, breaks, and gaps) in peripheral lymphocytes and bone marrow cells are the predominant effects seen in humans.

Identification of Carcinogenic Toxicity Reference Values

Oral

The oral dose-response value is expressed in units of $(mg/kg/day)^{-1}$. This value may be termed a Cancer Slope Factor (CSF), a Cancer Risk (CR), Slope Factor (SF), or Risk Specific Dose (RSD) depending on the agency of derivation. Some agencies present guideline values which may be converted to dose-response values.

Table 3 Published Non-Threshold Dose-Response Values for Benzene – Oral

Agency	Oral Cancer Slope Factor $(mg/kg/day)^{-1}$	Notes	Source
NHMRC	0.035	GV. Converted from unit risk of 1×10^{-6} per 0.001 mg/L, assuming 2 L/day water ingestion rate and 70 kg body weight	NHMRC (2011)
WHO	0.035	GV. Converted from unit risk of 1×10^{-5} per 0.01 mg/L, assuming 2 L/day water ingestion rate and 70 kg body weight	WHO (2011)
RIVM	0.00033	CR (provisional). The oral slope factor is derived by route-to-route extrapolation from the inhalation limit value. Converted from risk level of 1×10^{-4} to risk level of 1×10^{-5} by dividing by 10	RIVM (2001)
IRIS	0.015 – 0.055	Range of slope factors provided.	USEPA (2000)

IRIS – Integrated Risk Information System.
NHMRC – National Health and Medical Research Council
RIVM – National Institute of Public Health and the Environment (Netherlands)
WHO – World Health Organisation

Inhalation

The inhalation dose-response value is expressed in units of mg/m^3. This value may be termed a Unit Risk (UR), Cancer Risk (CR), Risk Specific Concentration (RSC) or Toxic Dose (that corresponds to a 5% increase in mortality) ($TD_{0.05}$) depending on the agency of derivation.

Table 4 Published Non-Threshold Dose-Response Values for Benzene - Inhalation

Agency	Inhalation Unit Risk Factor $(mg/m^3)^{-1}$	Notes	Source
WHO	6×10^{-6}	Average UR converted to SF. Geometric mean of the range of estimates of the lifetime risk ($4.4\text{-}7.5 \times 10^{-6}$)	WHO (2010)
Health Canada	0.003	$TC_{0.05}$. Based on study by Rinsky et al., 1987. Converted from based on risk level of 1×10^{-5}	Health Canada (1993)
RIVM	0.002	CR_{inhal}. Converted to risk level of 1×10^{-5}	RIVM (2001)
IRIS	2.2×10^{-6} – 7.8×10^{-6}	Range of inhalation unit risk values provided. Average value: 5.0×10^{-6}	USEPA (2000)

IRIS – Integrated Risk Information System.
NHMRC – National Health and Medical Research Council
RIVM – National Institute of Public Health and the Environment (Netherlands)
WHO – World Health Organisation

Adopted Dose-Response Values

Dose-response values for threshold and non-threshold effects associated with oral or inhalation exposure to benzene have not been published by Australian regulatory bodies.

Threshold (Non-Carcinogenic)

For assessment of potential threshold effects associated with oral exposure to benzene, AECOM has adopted the reference dose of **0.004 mg/kg/day** published by IRIS (USEPA, 2003).

For assessment of potential threshold effects associated with inhalation exposure to benzene, AECOM has adopted the inhalation reference concentration of **0.03 mg/m^3** published by IRIS (USEPA, 2003).

Non-Threshold (Carcinogenic)

For assessment of potential non-threshold effects associated with oral exposure to benzene, AECOM has adopted the Oral Slope Factor of **0.035 (mg/kg/day)$^{-1}$** published by NHMRC (NHMRC, 2011).

For assessment of potential non-threshold effects associated with inhalation exposure to benzene, AECOM has adopted the inhalation unit risk value of **6.0 x 10^{-6} (µg/m^3)$^{-1}$** published by WHO (WHO, 2010).

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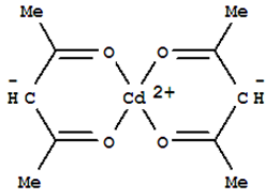

Cadmium – Toxicological Profile

The following information has been taken from ATSDR (2008):

General

Cadmium is used in the manufacture of batteries, pigments, coatings/platings and plastics stabilisers and is extracted as a byproduct during the production of other metals such as zinc, lead, or copper and recycling of batteries.

Cadmium exists as the hydrated ion or as ionic complexes with other inorganic or organic substances. Soluble forms migrate in water while insoluble forms of are immobile and will deposit and absorb to sediments. Cadmium which has entered the atmospheric can be transported long distances is eventually deposited onto soil and water surfaces. Cadmium and cadmium compounds readily migrate through soil and can adhere tightly to organic matter where is can be taken up by plant life and eventually enter the food chain.

Significance of Exposure Pathways and Background

In accordance with the ASC NEPM (2013), background intakes from other sources (as a % of the TRV):

Bio = 60% for oral and dermal intakes

Bli = 20% for inhalation

Non-carcinogenic Health Effects

Toxicological properties of cadmium are similar for the several different salts and oxides of cadmium that have been investigated, although differences in absorption and distribution lead to different effect levels.

For inhalation exposure, particle size and solubility in biological fluids (in contrast to solubility in water) appear to be the more important determinants of the toxicokinetics. For oral exposure, most experimental studies have used soluble cadmium, which exists as the Cd^{+2} ion regardless of the initial salt. Absorption appears to be similar for cadmium ion and cadmium complexed with proteins in food, except for a few specific types of foods such as Bluff oysters and seal meat. Also, poorly soluble cadmium pigments may be absorbed to a lesser extent than soluble cadmium ion.

There is an extensive database on the toxicity of cadmium in environmentally exposed populations and in cadmium workers; however, most of these studies were focused on the presumed sensitive targets (lung after inhalation exposure and kidney after oral ingestion). Other effects that have been observed in humans and/or animals include reproductive toxicity, hepatic effects, hematological effects, and immunological effects.

The earliest indication of kidney damage in humans is an increased excretion of low molecular weight proteins, particularly β2-microglobulin, human complex forming glycoprotein (pHC) (also referred to as α1-microglobulin), and retinol binding protein; increased urinary levels of intracellular enzymes such as N-acetyl-β-glucosaminidase (NAG); and increased excretion of calcium and metallothione. Numerous studies of cadmium workers and populations living in areas with low, moderate, or high cadmium pollution have found significant associations between urinary cadmium levels and biomarker levels or significant increases in the prevalence of abnormal biomarker levels. At higher exposure levels, decreases in glomerular filtration rate, increased risk of renal failure, and significant increases in the risk of deaths from renal disease have been observed. The sensitivity of the kidney to cadmium is related to its distribution in the body and *de novo* synthesis of metallothionein in the kidney. In the blood, cadmium is bound to metallothionein and is readily filtered at the glomerulus and reabsorbed in the proximal tubule. Within the tubular cells, the metallothionein is degraded in lysosomes and free cadmium is released; the synthesis of endogenous metallothionein by the tubular cells is then stimulated. However, when the total cadmium content in the renal cortex reaches between 50 and 300 µg/g wet weight, the amount of cadmium not bound to metallothionein becomes sufficiently high to cause tubular damage. Free cadmium ions may inactivate metal-dependent enzymes, activate calmodulin, and/or damage cell membranes through activation of oxygen species. Because the toxicity of cadmium is dependent on its concentration in the kidney, adverse effects in humans are typically not observed after shorter durations.

Acute inhalation exposure may cause destruction of lung epithelial cells, resulting in pulmonary edema, tracheobronchitis, and pneumonitis. A single, high-level cadmium exposure can result in long-term impairment of lung function. At the cellular level, catalase, superoxide dismutase, non-protein sulfhydryl, glucose-6-phosphate dehydrogenase, and glutathione peroxidase are decreased in response to cadmium lung insults. The response is cell hyperplasia and after long term inhalation exposure at lower levels decreased lung function has been observed.

Prolonged inhalation or ingestion in humans has led to debilitating bone disease in at risk individuals (poor nutrition, high cadmium exposure). Decreases in bone mineral density, increases in the risk of fractures, and increases in the risk of osteoporosis have also been observed in populations exposed to high levels of cadmium.

Limited developmental human data is available however in animals cadmium exposure by inhalation, oral or parenteral routes has been shown to be toxic to physiological and neurological development.

Carcinogenicity and Genotoxicity

The International Agency for Research on Cancer (IARC) has classified cadmium as a Group 1 carcinogen (probable human carcinogen) based on its assessment of sufficient evidence of an increase in lung cancer in humans and sufficient evidence of lung cancer in rats.

In-vivo and in-vitro studies suggest cadmium is not genotoxic.

Published Dose-Response Values

Available chronic dose-response values published by sources recognised and endorsed by NEPC (2013) and enHealth (2012) are summarised in the following table.

Table 1: Published Dose-Response Values for Cadmium

Route of Exposure	Type	Threshold or Non-Threshold	Value	Source	Notes
Oral	Acceptable Daily Intake (ADI)	Threshold	0.0008 mg/kg/day	NEPC (2013)	Based on the review of cadmium undertaken by JECFA (WHO, 2010).
Oral	Acceptable Daily Intake (ADI)	Threshold	0.0007 mg/kg/day	NHMRC (2011)	Concentration that will ensure that critical renal cortex concentrations will not be reached in a 70 year lifetime
Oral	Acceptable Daily Intake (ADI)	Threshold	0.001 mg/kg/day	WHO (2008)	Based on a provisional tolerable weekly intake
Oral	Minimal Risk Level (MRL)	Threshold	0.0001 mg/kg/day	ATSDR (2008)	
Oral	Reference Dose (RfD)	Threshold	0.001 mg/kg/day	USEPA (2013)	Based on chronic exposure
Oral	Reference Dose (RfD)	Threshold	0.0005 mg/kg/day	USEPA (2013)	Lower RfD of cadmium (diet) and cadmium (water)
Inhalation	Reference Concentration (RfC)	Threshold	0.000005 mg/m^3	NEPC (2013)	Based on the WHO (2000) guideline value of 0.005 $\mu g/m^3$.
Inhalation	Minimal Risk Level (MRL)	Threshold	0.00001 mg/m^3	ATSDR (2008)	Chronic duration inhalation MRL
Inhalation	Reference Concentration (RfC)	Threshold	0.00001 mg/m^3	USEPA (2013)	

Route of Exposure	Type	Threshold or Non-Threshold	Value	Source	Notes
Inhalation	Inhalation Unit Risk (IUR)	Non threshold	0.0018 $(ug/m3)^{-1}$	USEPA (2013)	

Adopted Threshold Dose-Response Values

For assessment of potential threshold effects associated with oral exposure to cadmium, AECOM has adopted the acceptable daily intake (ADI) of 0.0008 mg/kg/day adopted by the NEPC (2013) for derivation of the health investigation level value.

For assessment of potential threshold effects associated with inhalation exposure to cadmium, AECOM has adopted the Reference Concentration (RfC) of 0.000005 mg/m^3 adopted by NEPC (2013).

Adopted Non-Threshold (Carcinogenic) Dose-Response Values

To AECOM's knowledge, non-threshold dose-response criteria for oral exposure to cadmium have not been published by Australian or other regulatory bodies. Potential health effects associated with oral exposure to cadmium have therefore been assessed on the basis of threshold dose response criteria.

AECOM has not evaluated potential non-threshold inhalation effects of cadmium based on the following:

- WHO (2000) concluded that the available data are not sufficient to derive an inhalation unit risk due to concomitant exposure to arsenic studies; and
- the health-based air guideline published by WHO (2000) (and adopted for assessment of threshold effects via the inhalation pathway) considered lung cancer risk in its derivation.

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Lead

The majority of the following information has been sourced from NEPC (2013), ATSDR (2007) and WHO (2000), with other sources listed in the references.

General

Lead is a naturally occurring element found in the Earth's crust at an average concentration of approximately 15 to 20 mg/kg. Lead is used principally in the production of batteries, metal alloys, X-ray shielding materials, ammunition, chemical resistant linings and pigments. It has also been used historically as an additive in petrol and also in many paints.

Owing to the decreasing use of lead containing additives in petrol and of lead-containing solder in the food processing industry, concentrations in air and food are declining, and intake from drinking-water constitutes a greater proportion of total intake. Lead is rarely present in tap water as a result of its dissolution from natural sources; rather, its presence is primarily from household plumbing systems containing lead in pipes, solder, fittings or the service connections to homes. The amount of lead dissolved from the plumbing system depends on several factors, including pH, temperature, water hardness and standing time of the water, with soft, acidic water being the most plumbosolvent.

Significance of Exposure Pathways and Background

The most significant exposure pathway for lead is the ingestion of soil and dust. Although lead has been detected in certain foods, beverages, air and tap water, these do not constitute major sources of exposure for most people.

Consistent with the approach adopted by NEPC (2013), no background adjustment factors have been applied to the Rfd or RfC.

Non-Carcinogenic Health Effects

Most of the information gathered about lead toxicity comes from studies of workers from a variety of industries and from studies of adults and children in the general population. The most sensitive targets for lead toxicity are the developing nervous system, the hematological and cardiovascular systems, and the kidney. However, leads multi-mode action in biological systems has the potential to affect any system or organ in the body.

Studies of lead workers suggest that long-term exposure to lead may be associated with increased mortality due to cerebrovascular disease. Population studies suggest that there is a significant association between bone-lead levels and elevated blood pressure and blood lead levels also have been associated with small elevations in blood pressure. At low levels lead negatively affects kidney function by reducing glomerular filtration rates. Lead inhibits haem synthesis, shortens erythrocyte lifespan and can induce inappropriate production of the hormone erythropoietin leading to inadequate maturation of red cell progenitors, which can contribute to the anemia.

A recent study in children 8–10 years of age suggested that lead accelerates skeletal maturation, which might be a predisposing factor to the development of osteoporosis in later life. Lead also has been associated with increased occurrence of dental caries in children and periodontal bone loss.

Hormonal changes in thyroid levels and reproductive hormones have been observed, as have decreased levels of circulating vitamin D, required for maintenance of calcium homeostasis.

Altered immune parameters have been described in lead workers with changes in some T-cell subpopulations, response to T-cell mitogens, and reduced chemotaxis of polymorphonuclear leukocytes being observed. Some studies have indicated that increased in lead exposure in children may be associated with increases in serum IgE, a primary mediate for type-1 hypersensitivity involved in allergic diseases such as asthma.

Prolonged exposure to high amounts of lead induces symptoms of encephalopathy; dullness, irritability, poor attention span, epigastric pain, constipation, vomiting, convulsions, coma, and death.

Lead poisoning in children can leave residual cognitive deficits that can be still detected in adulthood such as malaise, forgetfulness, irritability, lethargy, headache, fatigue, impotence, decreased libido, dizziness, weakness, and paresthesia. Studies of older populations reported associations between lead and/or bone lead and poorer

performance in neurobehavioral tests. Lead also has been shown to affect nerve conduction velocity and postural balance in workers.

Identification of Non-Carcinogenic Toxicity Reference Values

The dose-response values provide an estimate of exposure to the human population that is likely to be without an appreciable risk of deleterious effects during a lifetime. The oral exposure represents a daily value and the inhalation exposure represents continuous inhalation. These values are intended for use in risk assessments for health effects known or assumed to be produced through a nonlinear (presumed threshold) mode of action (USEPA, 2014). Available chronic dose-response values published by sources recognised and endorsed by enHealth (enHealth, 2012) and NEPC (NEPC, 2013) and are summarised below.

Oral

The oral dose-response value is expressed in units of mg/kg/day. This value may be termed a Reference Dose (RfD), Acceptable Daily Intake (ADI), Tolerable Daily Intake (TDI), or Minimal Risk Level for oral exposure (MRL) depending on the agency of derivation.

Table 1 Published Threshold Dose-Response Values for Lead - Oral

Agency	Oral Dose-Response Value (mg/kg/day)	Source	Target Endpoint	Test Animal	UF	Notes
NEPC	<10 µg/dL	NEPC (2013)	-	-	-	Target Blood Lead Concentration.
NHMRC	0.0035	NHMRC (2013)	Lead retention in infants	Human	-	ADI. Based on study by Ziegler et al., 1978 and Ryu et al., 1983.
RIVM	0.025	RIVM (2001)	Brain and CNS	Human	-	PTWI. Cited in FAO/WHO, 1993 and IPCS, 1995.

NEPC – National Environment Protection Council
NHMRC – National Health and Medical Research Council
RIVM – National Institute of Public Health and the Environment (Netherlands)
UF – Uncertainty Factor.

Inhalation

The inhalation dose-response value is expressed in units of mg/m^3. This value may be termed a Reference Concentration (RfC), Tolerable Concentration (TC), or Minimal Risk Level for inhalation (MRL) depending on the agency of derivation.

Table 2 Published Threshold Dose-Response Values for Lead - Inhalation

Agency	Inhalation Dose-Response Value (mg/m^3)	Source	Target Endpoint	Test Animal	UF	Notes
WHO	0.0005	WHO (2000)	Critical level of Pb in blood	Human	-	RfC. Averaging time: 1 year

Carcinogenicity and Genotoxicity

The International Agency for Research on Cancer (IARC) has determined that inorganic lead and lead compounds are probably carcinogenic (class 2B agent) based on sufficient evidence from studies in animals and limited evidence in humans.

Renal tumours have been induced in experimental animals exposed to high concentrations of lead compounds in the diet, and IARC has classified lead and inorganic lead compounds in Group 2B (possible human carcinogen). However, there is evidence from studies in humans that adverse neurotoxic effects other than cancer may occur at very low concentrations of lead and that a guideline value derived on this basis would also be protective for carcinogenic effects.

Lead is a clastogenic agent, as shown by the induction of chromosomal aberrations, micronuclei, and sister chromatid exchanges in peripheral blood cells from lead workers. *In vitro* mutagenicity studies in microorganisms have yielded mostly negative results for lead. Tests using mammalian cells have been inconclusive, with some studies reporting negative results and some reporting chromosome damage.

Identification of Carcinogenic Toxicity Reference Values

To AECOM's knowledge, non-threshold dose-response criteria for oral and inhalation exposure to lead have not been published by Australian or other regulatory bodies. Potential health effects associated with oral and inhalation exposure to lead have therefore been assessed on the basis of threshold dose response criteria.

Adopted Dose-Response Values

Threshold (Non-Carcinogenic)

Based on the approach adopted within the National Environment Protection (Assessment of Site Contamination) Measure 1999 as amended in April 2013 (NEPC, 2013) a target blood lead concentration of <10 µg/dL was adopted for assessment of blood lead exposures via all pathways

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Mercury – Toxicological Profile

The following information has been taken from ATSDR (1999):

General

Mercury occurs naturally in the environment and exists in several forms; metallic mercury, inorganic mercury and organic mercury. Metallic mercury is a shiny, silver white metal liquid at room temperature and is familiar as the liquid in metal thermometers. At room temperature metallic mercury will evaporate and form mercury vapours which are colorless and odorless Metallic mercury is often found at hazardous waste sites.

Inorganic mercury occurs when mercury combines with elements such as chlorine, sulfur or oxygen. These compounds are called mercury salts and are white powders or crystals, except for mercuric sulfide which is red. Some inorganic mercury compounds are used as fungicides, skin lightening creams, antiseptic and disinfecting agents, tattoo dyes and color paints.

When mercury combines with carbon, organic mercury compounds are formed. There are a large number of organic mercury compounds in the environment but methyl mercury is the most common. In the past, methyl-mercury and dimethyl-mercury have been used for commercial purposes. In the environment, methyl mercury is produced primarily by microorganisms rather than by human activity.

Several forms of mercury occur naturally in the environment; metallic mercury, mercuric sulfide, mercuric chloride and methyl mercury. Some micro-organisms can change the mercury in the environment from one form to another. The most common organic mercy compound that microorganisms and natural processes generate from other forms is methyl mercury. Methyl mercury is of particular concern because it can accumulate in freshwater and salt water marine mammals.

Mercury enters the environment as a result of normal breakdown of minerals and rocks from exposure to wind, water and volcanic activity. The levels of mercury in the atmosphere are very very low and do not pose a health risk. The amounts of mercury present in any one place are usually low however at hazardous waste sites levels 200,000 times the natural background levels can be present.

Mercury enters the air as a result of mining deposits, emissions from coal fired power plants or burning municipal and medical waste. Mercury vapour can be carried long distances, can be changed into other forms of mercury and transported to water or soil in rain or snow. Microorganisms convert inorganic mercury to methyl mercury which can enter the water or soil. Mercury usually stays on the surface of sediments or soil and does not move through the soil to underground water. If mercury enters the water in any form, it is likely to settle to the bottom where it can remain for a long time.

Mercury, in the form of methyl mercury, can accumulate in the food chain in particular in larger older fish such as sharks and swordfish. Plants such as corn, wheat and peas have very low levels of mercury, even if grown in soil containing significant levels of mercury. Mushrooms on the other hand have the capacity to accumulate mercury.

Significance of Exposure Pathways and Background

In accordance with the ASC NEPM (2013), background intakes from other sources (as a % of the TRV):

Bio = 40% for oral and dermal intakes

Bli = 10% for inhalation

Non-carcinogenic Health Effects

The nervous system is very sensitive to mercury with incidents of poisoning from ingestions of contaminated fish or seeds leading to brain and kidney damage. Metallic mercury vapours or organic mercury may affect different areas of the brain. Symptoms of damage include personality changes (irritability, shyness, and nervousness), tremors, changes in vision, deafness, muscle un-coordination, loss of sensation and memory difficulties. The varying effects on the nervous system are attributed to the way the different forms of mercury move through the body. When metallic mercury vapours are inhaled they easily enter the bloodstream and are carried through the body to the brain. Breathing or swallowing large amounts of methyl mercury results in some of the mercury

moving into the brain and affecting the nervous system. Inorganic mercury salts, such as mercuric chloride, do not enter the brain as readily ad methyl mercury or metallic mercury vapour.

The kidneys are sensitive to the effects of mercury because it accumulates in the kidneys and causes higher exposures to these tissues. All forms of mercury can cause kidney damage if large enough amounts enter the body however if the damage is not too great, the kidneys are likely to recover once the body clears itself of the contamination.

Short term exposure (hours) to high levels of metallic mercury vapour in the air can damage the lining of the mouth and irritate the lungs and airways causing tightness of breath, a burning sensation in the lungs, and coughing. Other effects from exposure to mercury vapour include nausea, vomiting, diarrhea, increases in blood pressure or heart rate, skin rashes and eye irritation. Damage to the lining of the mouth and lungs can also occur from exposure to lower levels of mercury vapour over longer periods

Most studies of humans who breathed metallic mercury for a long time indicate that mercury from this type of exposure does not affect the ability to have children. Dermal contact with metallic mercury has been shown to cause an allergic skin reaction in some people.

In addition to kidney effected, inorganic mercury damages the stomach and intestines producing symptoms of nausea, diarrhea or severe ulcers if swallowed in large amounts. Cardiac effects have been observed in children who have accidentally swallowed mercuric chloride. Symptoms include rapid heart rate and increased blood pressure.

Carcinogenicity and Genotoxicity

Studies in workers exposed to metallic mercury vapours has not shown any mercury related increase in cancer while animal studies investigating the effects of long term mercury ingestion were not conclusive with regard to mercury's carcinogenicity. The International Agency for Research on Cancer (IARC) have not classified mercury as to its human carcinogenicity (Group 3 agent).

In-vivo and in-vitro studies indicate mercury has genotoxic properties.

Published Dose-Response Values

Available chronic dose-response values published by sources recognised and endorsed by NEPC (2013) and enHealth (2012a) are summarised in the following table.

Table 1: Published Dose-Response Values for Mercury

Route of Exposure	Type	Threshold or Non-Threshold	Value	Source	Notes
Oral	ADI	Threshold	0.00047 mg/kg/day	NHMRC (2015)	Based on WHO 1988 maximum tolerable daily intake at which no adverse effects will occur (elemental mercury).
Oral	Minimum Risk Level (MRL)	Threshold	0.0002 mg/kg/day	ATSDR (2010)	Intermediate duration MRL derived for inorganic mercury divided by safety factor to convert to chronic MRL (elemental mercury).
Oral	Reference Dose (RfD)	Threshold	0.00016 mg/kg/day	USEPA (IRIS)	RfD adopted from CalEPA (elemental mercury).
Inhalation	Reference Concentration (RfC)	Threshold	0.001 mg/m^3	WHO (2000a)	Annual average guideline for inorganic mercury vapour in air (elemental mercury).

Route of Exposure	Type	Threshold or Non-Threshold	Value	Source	Notes
Inhalation	Reference Concentration (RfC)	Threshold	0.001 mg/m^3	WHO (2000b)	Guideline value (TC) for mercury (inorganic). Averaging time 1 year (elemental mercury).
Inhalation	Reference Concentration (RfC)	Threshold	0.0002 mg/m^3	WHO (2003)	TRV.
Inhalation	Minimum Risk Level (MRL)	Threshold	0.0002 mg/m^3	ATSDR (2009)	Chronic duration inhalation exposure to metallic mercury vapour (elemental mercury).
Inhalation	Reference Concentration (RfC)	Threshold	0.0003 mg/m^3	USEPA (IRIS)	(elemental mercury)
Oral	ADI	Threshold	0.00047 mg/kg/day	NHMRC (2004)	Based on WHO 1988 maximum tolerable daily intake at which no adverse effects will occur (elemental mercury).
Oral	Minimum Risk Level (MRL)	Threshold	0.0002 mg/kg/day	ATSDR (2010)	Intermediate duration MRL derived for inorganic mercury divided by safety factor to convert to chronic MRL (elemental mercury).
Oral	Reference Dose (RfD)	Threshold	0.00016 mg/kg/day	USEPA (IRIS)	RfD adopted from CalEPA (elemental mercury).

Adopted Threshold Dose-Response Values

The WHO (2011) value of 0.0006 mg/kg/day has been adopted as the reference dose (RfD) for oral intake of mercury. The WHO (2003) reference concentration (RfC) of 0.0002 mg/m^3 has been adopted as the threshold value for inhalation.

Adopted Non-Threshold (Carcinogenic) Dose-Response Values

To AECOM's knowledge, non-threshold dose-response criteria for oral and inhalation exposure to mercury have not been published by Australian or other regulatory bodies. Potential health effects associated with oral and inhalation exposure to mercury have therefore been assessed on the basis of threshold dose response criteria.

References

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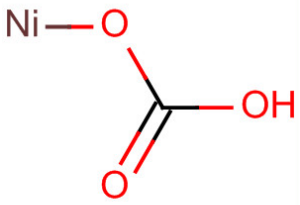

Nickel – Toxicological Profile

The following information has been taken from ATSDR (2005):

General

Nickel is found naturally in the environment and can also be released into the environment from industrial furnaces, power plants or rubbish incinerators.

In the environment, it is primarily found combined with oxygen or sulfur as oxides or sulfides. Nickel is released into the atmosphere during nickel mining and by industries that make or use nickel, nickel alloys, or nickel compounds. These industries also might discharge nickel in waste water. Nickel is also released into the atmosphere by oil-burning power plants, coal-burning power plants, and trash incinerators.

Food is the major source of exposure to nickel. You may also be exposed to nickel by breathing air, drinking water, or smoking tobacco containing nickel. Skin contact with soil, bath or shower water, or metals containing nickel, as well as, metals plated with nickel can also result in exposure. Stainless steel and coins contain nickel. Some jewelry is plated with nickel or made from nickel alloys. Patients may be exposed to nickel in artificial body parts made from nickel-containing alloys and it can be transferred from mother to infant during breastfeeding.

The concentration of nickel in air, rivers and lakes is generally very low and is barely detectable however you may be exposed to higher-than-average levels of nickel if you live near industries that process or use nickel.

Significance of Exposure Pathways and Background

In accordance with the ASC NEPM (2013), background intakes from other sources (as a % of the TRV):

Bio = 60% for oral and dermal intakes

Bli = 20% of inhalation

Non-carcinogenic Health Effects

The general population can be exposed to nickel via inhalation, oral, and dermal routes of exposure. Based on occupational exposure studies, reports of allergic contact dermatitis, and animal exposure studies, the primary targets of toxicity appear to be the respiratory tract following inhalation exposure, the immune system following inhalation, oral, or dermal exposure, and possibly the reproductive system and the developing organism following oral exposure.

Contact dermatitis is the result of an allergic reaction to nickel that has been reported in the general population and workers exposed via dermal contact with airborne nickel, liquid nickel solution, or prolonged contact with metal items such as jewelry and prosthetic devices that contain nickel. Once an individual becomes sensitized to nickel, dermal contact with only a small amount of nickel can result in dermatitis. Approximately 10–20% of the general population is sensitized to nickel.

Both noncancerous and cancerous respiratory effects have been observed in humans and animals exposed to airborne nickel compounds. Chronic bronchitis, emphysema, pulmonary fibrosis, and impaired lung function have been observed in nickel welders and foundry workers. These effects were not consistently seen across studies, and co-exposure to other toxic metals such as uranium, iron, lead, and chromium confounds the interpretation of the results. Studies examining the risk of death from nonmalignant respiratory disease among nickel workers have not found significant increases; however, many studies found that the number of observed deaths was significantly lower than expected, suggesting a healthy worker effect.

Adverse respiratory effects have been reported in humans and animals exposed to nickel compounds at concentrations much higher than typically found in the environment. The available data on noncancerous respiratory effects in humans are limited. In nickel workers, exposure to nickel did not result in increases in the risk of death from nonmalignant respiratory system disease. Studies examining potential nonlethal respiratory effects have not found consistent results. Animal data provide strong evidence that nickel is a respiratory toxicant; lung inflammation is the predominant effect. Evidence of lung inflammation has been observed following acute-, intermediate-, and chronic-duration exposure of rats to nickel sulfate, nickel subsulfide, or nickel oxide. Human

and animal data provide strong evidence that inhalation exposure to some nickel compounds can induce lung cancer.

The potential for nickel compounds to induce reproductive effects has not been firmly established in either humans or animals. A significant increase in human leukocyte antigen (HLA)-DRw6 antigens were found among individuals with nickel contact dermatitis compared to individuals with no history of atopy or contact dermatitis. Nickel sensitization typically involves initial prolonged contact with nickel or exposure to a very large nickel dose. In the general population, the initial nickel contact often comes from body piercing with jewelry that releases large amount of nickel ions. The resulting dermatitis, which is an inflammatory reaction mediated by type IV hypersensitivity, typically occurs beneath the metal object.

Carcinogenicity and Genotoxicity

The carcinogenicity of nickel via the inhalation pathway has been well documented in occupationally-exposed individuals. Significant increases in the risk of mortality from lung or nasal cancers were observed in several cohorts of nickel refinery workers. Studies of workers in other nickel industries, including nickel mining and smelting, nickel alloy production, stainless steel production, or stainless steel welding, which typically involve exposure to lower concentrations of nickel, have not found significant increases in cancer risks.

No studies were located regarding cancer in humans after oral exposure to nickel, and nickel acetate was found to be noncarcinogenic in lifetime drinking water studies in rats and mice.

The Department of Health and Human Services has determined that metallic nickel may reasonably be anticipated to be a human carcinogen and nickel compounds are known to be human carcinogens. IARC classified metallic nickel in group 2B (possibly carcinogenic to humans) and nickel compounds in group 1 (carcinogenic to humans). USEPA has classified nickel refinery dust and nickel sulfide in Group A (human carcinogen). Other nickel compounds have not been classified by the EPA. These classifications are based on evidence of carcinogenicity via the inhalation, rather than oral, pathway.

Both *in vitro* and *in vivo* studies in mammals indicate that nickel is genotoxic

Published Dose-Response Values

Available chronic dose-response values published by sources recognised and endorsed by NEPC (2013) and enHealth (2012) are summarised in the following table.

Table 1: Published Dose-Response Values for Nickel

Route of Exposure	Type	Threshold or Non-Threshold	Value	Source	Notes
Oral	Tolerable Daily Intake (TDI)	Threshold	0.012 mg/kg/day	NEPC (2013)	Based on WHO (2011) toxicity reference value.
Oral	Acceptable Daily Intake (ADI)	Threshold	0.005 mg/kg/day	NHMRC (2011)	Safety factor does not include that for carcinogenicity as effects have only been observed upon inhalation
Oral	Tolerable Daily Intake (TDI)	Threshold	0.012 mg/kg/day	WHO (2011)	
Oral	Reference Dose (RfD)	Threshold	0.02 mg/kg/day	USEPA (2010)	
Inhalation	Toxicity Reference Value (TRV)	Threshold	0.00002	NEPC (2013)	Based on the TRV published by EA (2009)
Inhalation	Minimal Risk Level (MRL)	Threshold	0.00009 mg/m^3	ATSDR (2005)	Chronic duration
Inhalation	Unit Risk	Non - threshold	0.0004 $(ug/m^3)^{-1}$	WHO (2000a)	

Route of Exposure	Type	Threshold or Non-Threshold	Value	Source	Notes
Inhalation	Unit Risk	Non - threshold	0.00038 $(ug/m^3)^{-1}$	WHO (2000b)	

Adopted Threshold Dose-Response Values

For assessment of potential threshold effects associated with oral exposure to nickel, AECOM has adopted the TDI of 0.012 mg/kg/day used by NEPC (2013) for derivation of the health investigation level.

For assessment of potential threshold effects associated with inhalation exposure to nickel, AECOM has adopted the TRV of 0.00002 mg/m^3 used by NEPC (2013) for derivation of the health investigation level.

Adopted Non-Threshold (Carcinogenic) Dose-Response Values

Non-threshold dose-response criteria for oral exposure to nickel have not been published, and nickel is not considered to be carcinogenic via the oral exposure route.

Nickel is not considered to be carcinogenic via the inhalation exposure route, therefore no inhalation reference concentration has been adopted.

References

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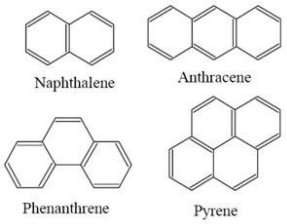

Polycyclic Aromatic Hydrocarbons (PAHs)

General

Polycyclic aromatic hydrocarbons (PAHs) occur ubiquitously in the environment from both synthetic and natural sources. PAHs occur in the atmosphere most commonly in the products of incomplete combustion. These products include fossil fuels; cigarette smoke; industrial processes (such as coke production and refinement of crude oil); and exhaust emissions from gasoline engines, oil-fired heating, and burnt coals. PAHs are present in groundwater, surface water, drinking water, waste water, and sludge. They are found in foods, particularly charbroiled, broiled, or pickled food items, and refined fats and oils. Individuals living in the vicinity of hazardous waste sites where PAHs have been detected at levels above background may experience exposure to these chemicals via inhalation of contaminated air or ingestion of contaminated food, soil, or water.

Within Australia, the following 16 PAHs are typically analysed for and considered as a group in contaminated site assessment work:

- acenaphthene
- acenaphthylene
- anthracene
- benz[a]anthracene
- benzo[a]pyrene
- benzo[b]fluoranthene
- benzo[g,h,i]perylene
- benzo[k]fluoranthene
- chrysene
- dibenz[a,h]anthracene
- fluoranthene
- fluorene
- naphthalene
- indeno[1,2,3-c,d]pyrene
- phenanthrene
- pyrene

These PAHs are the most commonly assessed based on the following considerations:

- More information is available on them than other PAHs.
- They are suspected to be more harmful than other PAHs, and they exhibit harmful effects that are representative of the PAHs.
- There is considered to be a greater chance of exposure to these PAHs than to the others.

The above PAHs with the exception of naphthalene are considered in this toxicity profile. The toxicity of naphthalene (if considered in this risk assessment) is discussed separately.

Significance of Exposure Pathways and Background

The most significant exposure pathways are inhalation of contaminated air and ingestion of certain foods, beverages and tap water (ATSDR, 1995).

Background levels of some representative PAHs in the air are reported to be 0.02-1.2 nanograms per cubic meter (ng/m^3) in rural areas and 0.15-19.3 ng/m^3 in urban areas (ATSDR, 1995).

As summarised in **Table 1** below, estimated chemical intakes from background exposure to PAHs in soil, drinking water, food and air are less than 1% of the lowest TDI adopted in this assessment. Background exposure was therefore not considered to be significant in comparison to the adopted dose-response criteria and TDIs were not corrected for background exposure.

Table 1 Estimated Background Exposure to PAHs

Concentration of Intake	Estimated Intake (mg/kg/day)	Notes
Drinking Water		
623 ng/L	1.78×10^{-5}	Water concentration is the maximum reported individual PAH concentration for a range of drinking water sources monitored in the USA, United Kingdom and Europe (ATSDR, 1995). Use of this value is considered conservative given that PAHs have not been reported in Australian drinking water supplies (NHMRC, 2011). Intake has been estimated for a 70 kg adult, assuming that 2 L of water per day is ingested.
Food		
10 µg/day	1.4×10^{-4}	Food intake is the maximum reported for individual PAHs based on a range of studies in the USA, United Kingdom and Europe (ATSDR, 1995). Intake has been calculated assuming a 70 kg body weight.
Air		
10.9 ng/m^3	3.1×10^{-5}	Air concentration is maximum annual average of any individual PAH reported in Australian cities by Environmental Australia (DEH, 1999). Intake has been calculated assuming a 70 kg adult respires 20 m^3 of air per day.
Total Intake		0.00019 mg/kg/day
Minimum TDI[1]		0.02 mg/kg/day
Fraction of TDI Due to Background Exposure		0.0096 (<1%)

Notes
[1]Value is minimum TDI of those adopted for PAHs assessed on the basis of threshold dose-response criteria. TDIs ranged from 0.02 mg/kg/day (naphthalene) to 0.3 mg/kg/day (anthracene).

It is noted that the PAH background exposure analysis presented in this report has not explicitly considered background exposure to PAH by smokers. However, ATSDR (1995) report that concentrations of individual PAHs in cigarette smoke range from less than 1 µg per 100 cigarettes to 62 µg per 100 cigarettes. For a 70 kg individual who smokes one pack (20 cigarettes) per day, the maximum expected intake of any individual PAH is therefore estimated to be 0.00018 mg/kg/day. This additional intake due to smoking also represents less than 1% of the lowest PAH TDI considered in this assessment (0.02 mg/kg/day for naphthalene).

Background exposure is not considered in the assessment of carcinogenic (non-threshold) risks, as non-threshold risks are estimated *incremental* lifetime cancer risks. However, it should be noted that the maximum background intake estimated for individual PAHs, if assumed to apply to benzo(a)pyrene or benzo(a)pyrene toxic equivalents, would result in an estimated incremental lifetime cancer risk of approximately 9 in 100,000, which is greater than the acceptable incremental cancer risk of 1 in 100,000 adopted for this assessment . However, this cancer risk estimate should not be interpreted as an indication that exposure to background levels of PAH may cause a significant increase in cancer rates above baseline levels as the baseline lifetime risk of cancer is reported to be approximately 50% (one in two; NRC, 2006). Thus the adopted acceptable incremental cancer risk of 1 in 100,000 and the estimated cancer risk due to background concentrations of PAHs in the environment are still very low in comparison to baseline lifetime cancer risks for the population as a whole.

Non-Carcinogenic Health Effects

Noncancer adverse health effects associated with PAH exposure have been observed in animals but generally not in humans (with the exception of adverse hematological and dermal effects). Animal studies demonstrate that PAHs tend to affect proliferating tissues such as bone marrow, lymphoid organs, gonads, and intestinal epithelium.

Identification of Non-Carcinogenic Toxicity Reference Values

The dose-response values provide an estimate of exposure to the human population that is likely to be without an appreciable risk of deleterious effects during a lifetime. The oral exposure represents a daily value and the inhalation exposure represents continuous inhalation. These values are intended for use in risk assessments for health effects known or assumed to be produced through a nonlinear (presumed threshold) mode of action (USEPA, 2012). Available chronic dose-response values published by sources recognised and endorsed by enHealth (enHealth, 2012), NEPC (NEPC, 1999) and the USEPA and are summarised below.

Oral

The oral dose-response value is expressed in units of mg/kg/day. This value may be termed a Reference Dose (RfD), Tolerable Daily Intake (TDI), or Minimal Risk Level for oral exposure (MRL) depending on the agency of derivation.

Table 1 Published Threshold Dose-Response Values for PAHs - Oral

PAH	Agency	Oral Dose-Response Value (mg/kg/day)	Source	Target Endpoint	Test Animal	UF	Notes
Acenaphthene	IRIS	0.06	USEPA, 1994	Hepatotoxicity	Mice	3000	RfD. USEPA, data last reviewed in 1994
	ATSDR	0.6	ATSDR, 1995	Liver weight	Mice	300	MRL for intermediate duration exposure. USEPA, 1989
Anthracene	RIVM	0.04	RIVM, 2000	-	-	-	TDI based on the RIVM TDI for TPH >C9-C16. Baars et.al., 2001.
	IRIS	0.3	USEPA, 1993	No observed effects	Mice	3000	RfD. USEPA, data last reviewed in 1993
	ATSDR	10	ATSDR, 1995	Liver effects.	Mice	100	MRL for intermediate duration exposure. USEPA, 1989
Fluoranthene	IRIS	0.04	USEPA, 1993	Nephropathy, increased liver weights, hematological alterations, and clinical effects	Mice	3000	RfD. USEPA, data last reviewed in 1993.
	ATSDR	0.4	ATSDR, 1995	Liver weight	Mice	300	MRL for intermediate duration exposure. USEPA, 1988
Fluorene	RIVM	0.04	RIVM, 2000	-	-	-	TDI based on the RIVM TDI for TPH >C9-C16. Baars et.al., 2001.

PAH	Agency	Oral Dose-Response Value (mg/kg/day)	Source	Target Endpoint	Test Animal	UF	Notes
	IRIS	0.04	USEPA, 1990	Decreased red blood cells, packed cell volume and hemoglobin	Mice	3000	RfD. USEPA, data last reviewed in 1990.
	ATSDR	0.4	ATSDR, 1995	Liver weight	Mice	300	MRL for intermediate duration exposure. USEPA, 1989
Phenanthrene	RIVM	0.04	RIVM, 2000	-	-	-	TDI based on the RIVM TDI for TPH >C9-C16. Baars et.al., 2001.
Pyrene	IRIS	0.03	USEPA, 1993	Kidney effects	Mice	3000	RfD USEPA, data last reviewed in 1993.

ATSDR – Agency for Toxic Substances and Disease Registry

IRIS – Integrated Risk Information System.

RIVM – National Institute of Public Health and the Environment (Netherlands)

UF – Uncertainty Factor.

Inhalation

US EPA and other agencies have not published dose-response values for assessment of threshold health effects associated with inhalation exposure to PAHs. Cancer health effects of PAHs were considered to be the primary risk driver via the inhalation pathway, and will be assessed assuming carcinogenic health effects (see below).

Carcinogenicity and Genotoxicity

Carcinogenicity

Evidence exists to indicate that mixtures of PAHs are carcinogenic in humans. The evidence in humans comes primarily from occupational studies of workers exposed to mixtures containing PAHs as a result of their involvement in such processes as coke production, roofing, oil refining, or coal gasification (e.g., coal tar, roofing tar, soot, coke oven emissions, soot, crude oil) (Hammond et al. 1976; Lloyd 1971; Maclure and MacMahon 1980; Mazumdar et al. 1975; Redmond et al. 1976; Wynder and Hoffmann 1967). PAHs, however, have not been clearly identified as the causative agent. Cancer associated with exposure to PAH-containing mixtures in humans occurs predominantly in the lung and skin following inhalation and dermal exposure, respectively. Some ingestion of PAHs is likely because of swallowing of particles containing PAHs subsequent to mucocilliary clearance of these particulates from the lung.

Certain PAHs are carcinogenic to animals by the oral route (e.g., benz[a]anthracene, benzo[a]pyrene, and dibenz[a,h]anthracene). The results of dermal studies indicate that benz[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, benzo[j]fluoranthene, benzo[k]fluoranthene, chrysene, dibenz[a,h]anthracene, and indeno[l,2,3-c,d]pyrene are tumorigenic in mice following dermal exposure. The sensitivity of mouse skin to PAH tumorigenesis forms the basis for the extensive studies performed using dermal administration. This tumorigenicity can be enhanced or modified with concomitant exposure to more than one PAH, long straight-chain hydrocarbons (i.e., dodecane), or similar organic compounds commonly found at hazardous waste sites. Thus, humans exposed to PAHs in combination with these substances could be at risk for developing skin cancer.

For many of the carcinogenic PAHs, it appears that the site of tumor induction is influenced by the route of administration and site of absorption, i.e., forestomach tumors are observed following ingestion, lung tumors following inhalation, and skin tumors following dermal exposure. However, the observations that (1) mammary tumors are induced following intravenous injection in Sprague-Dawley rats, (2) the susceptibility to tumor development on the skin after dermal application is not similar in rats and mice, and (3) oral cavity tumors are not

observed when benzo[a]pyrene is administered in the diet, suggest that the point of first contact may not always be the site of PAH-induced tumors.

Genotoxicity

Benzo[a]pyrene has been thoroughly studied in genetic toxicology test systems, and has been found to induce genetic damage in prokaryotes, eukaryotes, and mammalian cells in vitro, and to produce a wide range of genotoxic effects (gene mutations in somatic cells, chromosome damage in germinal and somatic cells, DNA adduct formation, UDS, sister chromatid exchange, and neoplastic cell transformation). In cultured human cells, benzo[a]pyrene binds to DNA and causes gene mutations, chromosome aberrations, sister chromatid exchange, and UDS.

The results of in vivo studies indicate that many of the same types of adverse effects observed in vitro were seen in mice, rats, and hamsters exposed to benzo[a]pyrene via the oral, dermal, or intraperitoneal routes. The available data also indicate that benzo[a]pyrene is genotoxic in both somatic and germinal cells of intact animals. The only study that was found regarding genotoxic effects in humans following exposure to benzo[a]pyrene reported no correlation between aluminium plant workers' exposure to PAHs, including benzo[a]pyrene, and sister chromatid exchange frequency. The findings from assays using human cells as the target, in conjunction with the data from whole animal experiments, suggest that benzo[a]pyrene would probably have similar deleterious effects on human genetic material.

Because the genotoxic activity of benzo[a]pyrene is well established, it is frequently used as a positive control to demonstrate the sensitivity of various test systems to detect the genotoxic action of unknown compounds. It also serves as the model compound for PAHs, and the available information on the formation of metabolites and structure of benzo[a]pyrene can theoretically be used to predict potential genotoxicity/carcinogenicity of other PAHs that have not been as extensively studied.

Epoxidation is thought to be the major pathway for benzo[a]pyrene metabolism pertinent to macromolecular interaction. The metabolic attack consists of the cytochrome P-450/P-448-dependent MFO system converting the benzo[a]pyrene molecule into an epoxide; the epoxide is acted upon by epoxide hydrolase to form a dihydrodiol, and a second cytochrome MFO reaction gives rise to the ultimate mutagenic/carcinogenic form, benzo[a]pyrene 7,8-diol-9,10-epoxide. One of the unique structural features of the diol epoxide is that it appears to form in the area of the PAH molecule referred to as the bay region (i.e., a deep-pocketed area formed when a single benzo ring is joined to the remainder of the multiple ring system to form a phenanthrene nucleus).

Analysis of the bay region diol epoxides and their contribution to the DNA binding, genotoxicity, and carcinogenicity of various PAHs has provided the basis for the bay region hypothesis. For example, DNA adducts formed with non-bay region diol epoxides of benzo[a]pyrene have low mutagenic potential. The hypothesis further predicts that structures with more reactive bay regions would probably be more genotoxic and more carcinogenic. The body of evidence on the mutagenic and tumorigenic activity of the PAHs that form bay region diol epoxides (benzo[a]pyrene, benz[a]anthracene, chrysene, dibenz[a,h]anthracene; benzo[b]fluoranthene, benzo[j]fluoranthene, benzo[k]fluoranthene, and indeno[1,2,3-c,d]pyrene) supports this hypothesis.

In summary, several general conclusions can be reached for the unsubstituted PAHs evaluated in this profile. The formation of diol epoxides that covalently bind to DNA appears to be the primary mechanism of action for both genotoxicity and carcinogenicity of several of the unsubstituted PAHs that are genotoxins (benzo[a]pyrene, benz[a]anthracene, dibenz[a,h]anthracene, chrysene, benzo[b]fluoranthene, benzo[j]fluoranthene). There was insufficient evidence to draw meaningful conclusions regarding the genotoxic potential of benzo[g,h,i]perylene, although some evidence does exist.

With regard to the unsubstituted PAHs that either lack a bay region configuration (acenaphthene, acenaphthylene, anthracene, fluorene, and pyrene) or appear to have a weakly reactive bay region (phenanthrene), there is no compelling evidence to suggest that they interact with or damage DNA.

The five PAHs that appear to be exceptions to the bay region diol epoxide hypothesis are fluoranthene, benzo[k]fluoranthene, benzo[j]fluoranthene, and indeno[1,2,3-cd]pyrene (no bay region), and benzo[e]pyrene (two bay regions). The evidence does suggest, however, that fluoranthene possesses genotoxic properties while benzo[e]pyrene is either weakly mutagenic or nonmutagenic.

Identification of Carcinogenic Toxicity Reference Values

Oral

The oral dose-response value is expressed in units of $(mg/kg/day)^{-1}$. This value may be termed a Cancer Slope Factor (CSF), a Cancer Risk (CR), Slope Factor (SF), or Risk Specific Dose (RSD) depending on the agency of derivation. Some agencies present guideline values which may be converted to dose-response values. Breath

Table 2 Published Non-Threshold Dose-Response Values for Benzo(a)pyrene – Oral

Agency	Oral Cancer Slope Factor $(mg/kg/day)^{-1}$	Source	Target Endpoint	Test Animal	Notes
NHMRC	0.43	NHMRC, 2011	Weight change	Mouse	Derived from drinking water unit risk of $1x10^{-6}$ per 0.00007 mg/L, assuming 70 kg body weight and 2 L/day water ingestion rate.
WHO	0.5	WHO, 2008	Oral carcinogenicity	Mouse	Derived from drinking water unit risk of 1 x 10-5 per 0.0007 mg/L.
IRIS	7.3	USEPA (last reviewed in 1994)	Forestomach, squamous cell papillomas and carcinomas	Mouse and rat	RSD. Neal and Rigdon, 1967; Rabstein et al., 1973; Brune et al., 1981.
CCME	2.3	CCME (2008)	Forestomach, squamous cell papillomas and carcinomas	Mouse and rat	RSD. Neal and Rigdon, 1967; Rabstein et al., 1973; Brune et al., 1981.
RIVM	0.2	RIVM, 2001	Tumor development	rat	Kroese et al., 1999 and Kalberlah et al., 1995

IRIS – Integrated Risk Information System.

RIVM – National Institute of Public Health and the Environment (Netherlands)

In order to assess potential oral health effects associated with exposure to potentially carcinogenic PAHs other than benzo(a)pyrene, toxic equivalency factors (TEFs) have been adopted. It is noted that enHealth (2012) state "*At this time, no one set of PAH TEFs has been recommended for use in Australia, although it is likely that the Canadian set* [CCME, 2010] *is becoming more widely used, based on the fact that it is the most recent compilation of such values*" (p149). The TEFs presented below were adopted from the relative potency scheme recommended by the WHO (1998) based on a detailed critical review by CCME of more than a dozen sets of TEF numbers published over the last twenty years (CCME, 2010). These TEFs represent one of the most recent reviews of relative PAH potency undertaken by an international regulatory agency. It was noted by CCME (2010) that more than a dozen sets of equivalency numbers have been proposed over the past two decades and cautions that there can only be limited confidence in the derived potency estimates (enHealth, 2012).

TEFs were adopted, where available, for carcinogenic PAHs considered to be genotoxic carcinogens (benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(g,h,i)perylene, chrysene, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene; see genotoxicity discussion above). The adopted TEFs are shown in **Table 3** below.

Table 3 Toxic Equivalency Factors Used to Derive Oral Dose-Response Criteria for Carcinogenic PAHs Relative to Benzo(a)pyrene (CCME, 2010)

PAH	Toxic Equivalency Factor (TEF)
Benzo(a)pyrene (index compound)	1.0
Benz(a)anthracene	0.1
Benzo(b)fluoranthene	0.1
Benzo(g,h,i)perylene	0.01
Benzo(k)fluoranthene	0.1
Chrysene	0.01
Dibenzo(a,h)anthracene	1
Indeno(1,2,3-c,d)pyrene	0.1

Inhalation

The inhalation dose-response value is expressed in units of mg/m^3. This value may be termed a Unit Risk (UR), Cancer Risk (CR), Risk Specific Concentration (RSC), Toxic Dose (that corresponds to a 5% increase in mortality) ($TD_{0.05}$) or Tumourigenic Concentration 5% (TC05) depending on the agency of derivation.

The WHO (2000) inhalation unit risk (IUR) is based on observations in coke oven workers to mixtures of PAHs. It is noted that the composition of PAHs to which coke oven workers are exposed to may differ from that present in ambient air, or derived from soil contamination. It is noted that an inhalation unit risk is in the same order of magnitude as that derived using a linear multistage model associated with lung tumours in a rat inhalation study from coal tar/pitch condensation aerosols.

Table 4 Published Non-Threshold Dose-Response Values for PAHs - Inhalation

PAH	Agency	Inhalation Unit Risk Factor $(\mu g/m^3)^{-1}$	Source	Target Endpoint	Test Animal	UF	Notes
Benzo[a]pyrene	WHO	8.7×10^{-2}	WHO 2000a, WHO 2010	Lung cancer	Human	-	WHO, 1999

WHO – World Health Organisation

Adopted Dose-Response Values

The adopted toxicological data were chosen in accordance with the enHealth (2012) hierarchical guidance for selection of toxicological data (Section 5.12). It is noted that this guidance states that "….*it may be assumed that Australian guidance values accorded Level 1 status should take precedence over other sources, provided they are reasonably current. Other Level 1 sources may be more useful where it can be established that they are based on more contemporary risk assessment methodologies*".

Threshold (Non-Carcinogenic)

Table 5 Adopted Dose-Response Values for Threshold (Non-Carcinogenic) PAHs

PAHs	Dose-Response Value (mg/kg/day)	Published By
Oral		
Acenaphthene	0.06	USEPA, 1994 (IRIS database)
Anthracene	0.3	USEPA,1993 (IRIS database)
Fluoranthene	0.04	US EPA, 1993 (IRIS database)
Fluorene	0.04	USEPA, 1990 (IRIS database)
Phenanthrene	0.04	RIVM, 2000
Pyrene	0.03	USEPA, 1993

Inhalation

US EPA and other agencies have not published dose-response values for assessment of threshold health effects associated with inhalation exposure to PAHs. Cancer health effects of PAHs were considered to be the primary risk driver via the inhalation pathway, and will be assessed assuming carcinogenic health effects (see below).

Non-Threshold (Carcinogenic)

Table 6 Adopted Dose-Response Values for Non-Threshold (Carcinogenic) PAHs

PAHs	Dose-Response Value	Published By
Oral (mg/kg/day)$^{-1}$		
Benzo[a]pyrene	0.43	NHMRC, 2011
Inhalation Unit Risk (µg/m^3)$^{-1}$		
Benzo[a]pyrene	8.7 x 10^{-2}	WHO 2000a, WHO 2010

In order to assess potential oral and inhalation health effects associated with exposure to potentially carcinogenic PAHs other than benzo(a)pyrene, the TEFs presented in **Table 3** were adopted. TEFs were adopted only for carcinogenic PAHs considered to be genotoxic carcinogens, i.e. benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, chrysene, dibenzo(a,h)anthracene and indeno(1,2,3-cd)pyrene.

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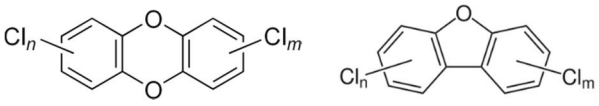

PCDDs and PCDFs

The majority of the following information has been sourced from DEH (2005), with other sources listed in the references.

General

Polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs) are chlorinated tricyclic aromatic hydrocarbons made up of two benzene rings joined by either two oxygen atoms at adjacent carbons on each of the benzene rings (PCDDs) or by one oxygen atom and one carbon-carbon bond (PCDFs). In total, there are 75 possible PCDD congeners and 135 possible PCDF congeners. Congeners containing three or fewer chlorine atoms are considered to be of no toxicological significance. However, 17 congeners with chlorine atoms substituted in the 2, 3, 7 and 8 positions (i.e. in the lateral positions of the aromatic rings) are thought to pose a risk to human health and the environment.

PCDDs and PCDFs are typically considered together with dioxin-like polychlorinated biphenyls (PCBs) as 'dioxin-like compounds.' In general, dioxin-like compounds have very low water solubility, high octanol-water partition coefficients, low vapour pressure and adsorb strongly to particles and surfaces (high K_{OC}) and are resistant to chemical degradation under normal environmental conditions. Thus, they are persistent in the environment and their high fat solubility results in their bioconcentration into biota and biomagnification up the food chain.

PCDDs and PCDFs are not manufactured intentionally; instead they are by-products of combustion, including industrial processes such as waste incineration, bleached kraft pulp mills and the synthesis of certain chemicals. Other sources of dioxin-like chemicals can include contaminated stockfeed (for cattle, chicken and farmed fish), improper application of sewage sludge to agricultural land, flooding of pastures, waste effluents and certain types of food processing. PCDDs and PCDFs are also associated with pesticides such as pentachlorophenol (PCP) and 2,4,5-trichlorophenoxyacetic acid (2,4,5-T), however these chemicals are no longer approved for use in Australia.

PCDDs and PCDFs are formed naturally by volcanoes and forest fires. It has been estimated that bushfires may contribute at least 20-30% of the total release of dioxin-like compounds to the Australian environment.

Atmospheric transport represents the primary route for transport of dioxins into the environment.

Significance of Exposure Pathways and Background

For the general population, over 95% of exposure to dioxin-like compounds is through the diet, with foods of animal origin such as meat, dairy products and fish being the main sources (particularly foods high in animal fats). Cigarette smokers are likely to have somewhat higher intakes of dioxins than non-smokers. Because of the ubiquitous presence of various dioxin-like compounds in human tissues, as well as in the milk of mothers worldwide, infants can be exposed to these compounds both prenatally and during breast feeding.

Exposure to dioxin like compounds may also be through other routes such as breathing in air contaminated by dioxins in smoke (from bushfires, domestic wood heaters and cigarettes), factory or incinerator emissions, motor vehicle exhaust fumes, or from uncontrolled hazardous waste sites containing dioxins.

Since dioxins are fat soluble, chemically stable and poorly metabolised, they can concentrate in body fat and build up under conditions of long-term exposure, both in animals and humans, and accumulate as they move through the food chain. The congeners that make up the dioxins have half-lives that vary from 3.7 years for the least persistent type to 50 years for the most persistent, with an average half-life of approximately 7 years.

In Australia, concentrations of dioxin-like compounds in breast milk have fallen significantly (about 45%) within the past decade, an observation consistently noted in monitoring programs from a large

number of other countries. This reflects a world-wide trend over recent decades of declining levels of dioxin-like compounds in the environment and in human tissues.

The average intake of dietary dioxins (per unit bodyweight) in the general Australian population was calculated to be between 10-54% of the tolerable monthly intake (TMI), and somewhat higher in infants and toddlers.

Ambient levels of dioxins in Australian soils measured during the National Dioxins Program ranged from below the limit of detection (about 0.05 pg/g dry weight) to 43 pg/g dry weight, with upper bound means of total dioxins based on land use ranging from 0.38 TEQ pg/g dry weight (remote area) to 6.4 pg/g dry weight (urban area).

The intake of dioxins from ingestion of water is considered to be negligible as dioxins have very low water solubility. Studies have found that estimated intakes from water were one thousandth or less of the estimated overall intake for dioxins.

WHO (2000c) assumed an ambient air toxic equivalent level of PCDDs and PCDFs of about 0.1 pg/m^3, however certain industrial and urban areas may have up to 20 times higher air concentrations. Intake from inhalation exposure was on average 1% of the dietary intake.

A background intake of dioxins and furans was calculated based on a blood serum study presented in DEH (2004). The mean average lifetime daily exposure (ALDE) was estimated as 1.3 TEQ pg/kg bw/day. The mean ALDE was converted to months (i.e. 40.15 TEQ pg/kg bw/day), which is 57% of the published tolerable monthly intake (TMI) of 70 pg TEQ/kg body weight/month. Therefore, a background percentage of 57% has been adopted.

Non-Carcinogenic Health Effects

The most widely studied of all the dioxin-like compounds is 2,3,7,8-tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD, or TCDD). It has been shown to affect a wide range of organ systems in many animal species and can induce a wide range of adverse biological responses including immunotoxicity, endometriosis in Rhesus monkeys, developmental, behavioural effects in offspring of treated Rhesus monkeys, and developmental and reproductive effects in rats. Studies in animals indicate that the immune system is a sensitive target of TCDD toxicity, with inhibition of immunoglobulin secretion and decreased resistance to bacterial, viral, and parasitic infections.

Available epidemiological data indicate that dioxin-like compounds produce a variety of biochemical responses in humans, some of which occur at relatively low exposure levels. Induction of hepatic enzymes, changes in hormone levels and reduced glucose tolerance are examples of subtle changes that may occur at comparatively low exposures. However, these effects are of unknown clinical significance.

The most widely recognised and consistently observed effect in humans following high dose exposure to TCDD is chloracne. The condition can disappear after termination of exposure or can persist for many years. Other effects on the skin include hyperpigmentation and hirsutism.

There is some suggestive evidence of dioxin exposure toxicity to the cardiovascular system, including hyperlipidemia, increased frequency of ischaemic heart disease, valvular heart disease and retinopathy.

Neurological symptoms observed in TCDD-exposed workers include lassitude, weakness of the lower limbs, muscular pains, increased perspiration, loss of appetite, headaches, nervousness, anxiety, irritability, and loss of libido.

TCDD has also been associated with temporary enlargement of the liver, increased levels of hepatic enzymes and alterations in the lipid profile in humans. Data from several epidemiological studies suggest that significant exposure to TCDD increases the risk of diabetes mellitus resulting from decreased cellular glucose uptake. TCDD exposure has additionally been associated with changes in thyroid function.

Acute exposure to high concentrations of TCDD has been associated with effects on the respiratory system, including upper respiratory tract irritation, conjunctivitis, and inflamed eyelids (blepharitis).

Identification of Non-Carcinogenic Toxicity Reference Values

The dose-response values provide an estimate of exposure to the human population that is likely to be without an appreciable risk of deleterious effects during a lifetime. The oral exposure represents a daily value and the inhalation exposure represents continuous inhalation. These values are intended for use in risk assessments for health effects known or assumed to be produced through a nonlinear (presumed threshold) mode of action (USEPA, 2012). Available chronic dose-response values published by sources recognised and endorsed by enHealth (enHealth, 2004), NEPC (NEPC, 1999) and the USEPA and are summarised below.

Due to their bioaccumulative nature, it is noted that the biochemical and toxicological effects of dioxin-like compounds relate more closely to their concentration in the target tissue than to the daily dose. Numerous agencies therefore adopted values based on body burden.

Oral

The oral dose-response value is expressed in units of mg/kg/day. This value may be termed a Reference Dose (RfD), Tolerable Daily Intake (TDI), or Minimal Risk Level for oral exposure (MRL) depending on the agency of derivation.

Table 1 Published Threshold Dose-Response Values for Dioxin-like Compounds - Oral

Agency	Dioxin	Oral Dose-Response Value	Source	Target Endpoint	Test Animal	UF	Notes
WHO (JECFA)	Dioxin-like compounds	2.3 pg TEQ/ kg bw/day	FAO/ WHO (2005)	Reproductive toxicity	Rats	3.2-9.6	Provisional TMI of 70 pg TEQ/kg bw based on body burden. Mid-point of range in Oshako et al., 2001 and Faqi et al., 1998.
WHO	Dioxin-like compounds	1-4 pg TEQ/ kg bw/day	WHO (2000)	Hormonal, reproductive and developmental effects	Rats; monkeys	10	TDI based on body burden. Based on study by Van Leeuwen & Younes, 1998. Adopted in France, Germany, Netherlands and New Zealand (NZ: 30 pg /kg/month)
US EPA	TCDD	0.7 pg/kg/day	IRIS (2012)	Decreased sperm count and mobility; increased TSH in utero	Humans	30	RfD. Based on study by Mocarelli et al., 2008 and Baccarelli et al., 2008.
EC-SCF	Dioxin-like compounds	2 pg TEQ/ kg bw/day	EC-SCF (2001)	Developing reproductive systems of male rats exposed in utero	Rats	9.6	TWI of 14 pg/kg bw/week for TCDD. Based on study by Faqi et al., 1998. Adopted in the UK.
ATSDR	TCDD	1 pg TEQ/kg bw/day	ATSDR (1998)	Neuro-behavioural developmental changes	Monkeys	90	MRL. Based on study by Schantz et al., 1992. Intended to also serve as guidance for total TEQs of dioxin-like compounds.
ATSDR	2,3,4,7,8-PnCDF	0.00003 µg/kg/day	ATSDR (1994)	Hepatic effects (increased serum bilirubin, decreased serum triglycerides)	Rats	3000	Intermediate oral MRL (15-364 days). Based on Pluess et al, 1988 and Poiger et al, 1989.

JECFA - Joint FAO/WHO Expert Committee on Food Additives
ATSDR – Agency for Toxic Substances and Disease Registry

EC-SCF – European Commission Scientific Committee on Food
COT – Committee on the Toxicity of Chemicals in Food
IRIS – Integrated Risk Information System.
UF – Uncertainty Factor
TMI – Tolerable monthly intake

NHMRC adopted the TMI of 70 pg TEQ/kg bw in *Dioxins: Recommendation for a Tolerable Monthly Intake for Australians* (October 2012), however this document was rescinded in 2013.

In order to assess potential oral health effects associated with exposure to potentially carcinogenic dioxin-like compounds other than 2,3,7,8-TCDD, Toxic Equivalence Factors (TEFs) have been adopted. It may be inferred that biochemical, cellular and tissue-level effects that are elicited by exposure to TCDD are also induced by other chemicals that have a similar structure and that also bind to the Ah receptor. The TEFs are used to estimate the potency of dioxin-like compounds relative to TCDD, applying the concept of additivity for the PCDDs, PCDFs and dioxin-like PCBs to provide total Toxic Equivalence Quotient (TEQ) estimates. The adopted TEFs are shown in **Table 2** below.

Table 2 TEFs Used to Derive Oral Dose-Response Criteria for Carcinogenic Dioxin-like Compounds Relative to 2,3,7,8-TCDD (WHO, 2005)

Dioxin-like Compounds	Toxic Equivalency Factor (TEF)
PCDDs	
2,3,7,8-TCDD	1
1,2,3,7,8-PnCDD	1
1,2,3,4,7,8-HxCDD	0.1
1,2,3,6,7,8-HxCDD	0.1
1,2,3,7,8,9-HxCDD	0.1
1,2,3,4,6,7,8-HpCDD	0.01
OCDD	0.0003
PCDFs	
2,3,7,8-TCDF	0.1
1,2,3,7,8-PnCDF	0.03
2,3,4,7,8-PnCDF	0.3
1,2,3,4,7,8-HxCDF	0.1
1,2,3,6,7,8-HxCDF	0.1
1,2,3,7,8,9-HxCDF	0.1
2,3,4,6,7,8-HxCDF	0.1
1,2,3,4,6,7,8-HpCDF	0.01
1,2,3,4,7,8,9-HpCDF	0.01
OCDF	0.0003
PCBs	
WHO TEF Values include PCB 77, PCB 81, PCB 126, PCB 169, PCB 105, PCB 114, PCB 118, PCB 123, PCB 156, PCB 157, PCB 167 and PCB 189 (outside the scope of this ToxProfile).	

However, it is noted that estimates of population exposures suggest that a significant proportion of the total intake of dioxin-like compounds (measured as TEQs) is from congeners other than TCDD.

Inhalation

No information available. WHO (200a) stated that an air quality guideline for PCDDs and PCDFs was not proposed because direct inhalation exposures constitute only a small proportion of the total exposure, generally less than 5% of the daily intake from food (and 1% on average).

Carcinogenicity and Genotoxicity

Most data on the health effects of PCDDs and PCDFs have been obtained using the most toxic congener, TCDD. Experimental studies demonstrate that TCDD is carcinogenic in all species and strains of laboratory animals tested. It has been characterised as a multi-site carcinogen. However,

short-term studies have shown a lack of direct DNA-damaging effects, indicating that TCDD is not an initiator of carcinogenesis, but is a potent tumour promoter. Although the mechanisms of carcinogenicity are not fully known, the ability of TCDD to enhance proliferation and inhibit apoptotic processes in focal hepatic lesions supports an indirect mechanism of carcinogenicity.

The results of a two-year carcinogenesis bioassay conducted by Kociba *et al* (1978) have been the most often utilised for cancer risk assessment of TCDD. Sprague Dawley rats of both genders were given TCDD (99% pure) in the feed to achieve intakes of 0, 1, 10 and 100 ng/kg bw/day. Results indicated that at 100 ng/kg bw/day, TCDD caused an increase in the incidence of hepatocellular hyperplastic nodules and carcinomas in female (but not in male) rats. At this dose, statistically significant increases in squamous cell carcinomas of the lungs (females) and tongue and nasal palate/nasal turbinates (males) were also reported. However, this does of TCDD was also associated with a significant reduction in the incidence of some tumours.

Epidemiological evidence from the most highly exposed occupational cohorts studied produces the strongest evidence in humans of an increased cancer risk from exposure to dioxins, when the data are considered for all cancers combined.

From the occupational studies, and an understanding of biological plausibility as shown by animal studies, the International Agency for Research on Cancer (IARC) has concluded that TCDD is carcinogenic to humans (Group 1). The IARC determined that other PCDDs and PCDFs are not classifiable as to their carcinogenicity to humans (Group 3).

No experimental data in animals on the cancer risks from inhalation exposure to dioxins was presented in the sources reviewed, and human health inhalation associated with cigarettes are confounded by their other carcinogenic compounds.

Dioxin-like compounds are not considered to be genotoxic carcinogens. It is considered that the mechanism of carcinogenesis, involving the Ah receptor, means that there is a threshold for carcinogenicity. Tolerable intake guidance based on non-cancer end-points is considered protective for carcinogenicity (WHO, 2010).

Identification of Carcinogenic Toxicity Reference Values

Oral

The oral dose-response value is expressed in units of $(mg/kg/day)^{-1}$. This value may be termed a Cancer Slope Factor (CSF), a Cancer Risk (CR), Slope Factor (SF), or Risk Specific Dose (RSD) depending on the agency of derivation. Some agencies present guideline values which may be converted to dose-response values.

Table 3 Published Non-Threshold Dose-Response Values for Dioxin-like Compounds – Oral

Agency	Oral Cancer Slope Factor $(mg/kg/day)^{-1}$	Notes	Source
IRIS	6.2×10^{3}	HxCDD (mixture of 1,2,3,6,7,8-HxCDD and 1,2,3,7,8,9-HxCDD). Hepatic tumours in mice and rats by gavage. Geometric mean of slope factors for mice and rats. Drinking water unit risk of 0.18 µg/L.	USEPA, 1987

IRIS – Integrated Risk Information System.

FAO/WHO (2005) noted that the establishment of a tolerable intake based on non-cancer effects would also address any carcinogenic risk. Similarly, the EC-SCF (2001) noted that the most sensitive endpoints in animal studies were developmental and reproductive effects and that the TWI they established would adequately protect against the carcinogenic effects of TCDD, which require substantially higher body burdens, and for which a threshold approach is applicable due to its non-genotoxic nature. As such, separate carcinogenic toxicity reference values were not derived by these or other bodies reviewed.

Inhalation

The inhalation dose-response value is expressed in units of mg/m^3. This value may be termed a Unit Risk (UR), Cancer Risk (CR), Risk Specific Concentration (RSC) or Toxic Dose (that corresponds to a 5% increase in mortality) ($TD_{0.05}$) depending on the agency of derivation.

Table 4 Published Non-Threshold Dose-Response Values for Dioxin-like Compounds - Inhalation

Agency	Inhalation Unit Risk Factor $(mg/m^3)^{-1}$	Notes	Source
IRIS	0.0013	HxCDD (mixture of 1,2,3,6,7,8-HxCDD and 1,2,3,7,8,9-HxCDD). Air concentration of 8×10^{-6} $(\mu g/m^3)^{-1}$ based on 10^{-5} risk level.	USEPA, 1987

IRIS – Integrated Risk Information System.

Adopted Dose-Response Values

Dose-response values for threshold and non-threshold effects associated with oral or inhalation exposure to dioxin-like compounds (or individual PCDDs or PCDFs) have not been published by Australian regulatory bodies.

Threshold (Non-Carcinogenic)

For assessment of potential threshold effects associated with oral exposure to dioxin-like compounds (PCDDs, PCDFs and dioxin-like PCBs), AECOM has adopted the reference dose of **2.3 pg TEQ/kg bw/day** published by FAO/ WHO (2005).

An inhalation reference concentration was not adopted by AECOM due to the limited information available, as direct inhalation exposures constitute only a small proportion of the total exposure, on average 1% of the daily intake from food.

Non-Threshold (Carcinogenic)

Dioxin-like compounds are considered to be threshold carcinogens, and as such, non-threshold dose-response values were not adopted by AECOM. As noted by FAO/WHO (2005), the establishment of a tolerable intake based on non-cancer effects would also address any carcinogenic risk as the most sensitive endpoints are not carcinogenic in nature.

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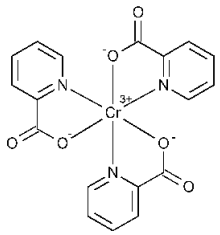

Chromium – Toxicological profile

The following information has been taken from ATSDR (2008):

General

Chromium is a naturally-occurring element found widely in the environment in the form of chromium (0), chromium (III), and chromium (VI). It is widely used in manufacturing processes and found in many products such as wood treated with copper dichromate, leather tanned with chromic sulfate and stainless steel cookware.

Chromium can be found in air, soil, and water after release from manufacture, use and disposal of chromium-based products, and during the manufacturing process. Chromium does not usually remain in the atmosphere, but is deposited into the soil and water. It can change from one form to another in water and soil depending on the conditions present and does is eventually deposited in soil and water.

Significance of Exposure Pathways and Background

In accordance with the ASC NEPM (2013), background intakes from other sources (as a % of the TRV):

Bio = 10% for oral and dermal intakes

Bli = 0% for inhalation

Non-carcinogenic Health Effects

In general, chromium (VI) compounds are more toxic than chromium (III) compounds.

Chromium (III) and chromium(VI) can penetrate human skin to some extent, especially if the skin is damaged. Absorbed chromium distributes to nearly all tissues, with the highest concentrations found in kidney and liver. Bone is also a major depot and may contribute to long-term retention kinetics or chromium. Chromium (VI) is reduced to chromium (III) via the intermediate forms of chromium (V), chromium (IV).

Chromium (VI) in blood is taken up into red blood cells, where it undergoes reduction and forms stable complexes with hemoglobin and other intracellular proteins, which are retained for a substantial fraction of the red blood cell lifetime. Absorbed chromium can be transferred to fetuses through the placenta and to infants via breast milk.

Most quantitative studies of the gastrointestinal absorption of chromium in humans have estimated the absorption fraction to be <10% of the ingested dose with more soluble forms being more rapidly absorbed than insoluble compounds. Absorption is also affected by nutritional status; the absorption fraction is higher when dietary intakes are lower.

Chromium (VI)

The primary effects associated with exposure to chromium(VI) compounds are respiratory, gastrointestinal, immunological, hematological, reproductive, and developmental. In addition, dermal and ocular irritation may occur from direct contact. Based on available dose-response data in humans and animals, the most sensitive noncancer effects of chromium(VI) compounds are respiratory (nasal and lung irritation, altered pulmonary function), gastrointestinal (irritation, ulceration and nonneoplastic lesions of the stomach and small intestine), hematological (microcytic, hypochromic anemia), and reproductive (effects on male reproductive organs, including decreased sperm count and histopathological change to the epididymis). Respiratory and gastrointestinal effects appear to be portal-of-entry effects for inhalation and oral exposure, respectively. Similarly, chromium sensitization, the major immunological effect of chromium(VI), typically presents as allergic contact dermatitis resulting from dermal exposures in sensitized individuals, although respiratory effects of sensitization (asthma) may also occur. Accidental or intentional ingestion of extremely high doses of chromium(VI) compounds by humans has resulted in severe respiratory, cardiovascular, gastrointestinal, hematological, hepatic, renal, and neurological effects as part of the sequelae leading to death or in patients who survived because of medical treatment.

Chromium (III)

Although much less information is available on the health effects of chromium (III) and chromium (III) compounds, they appear to be much less toxic than chromium (VI) compounds and are vital for normal metabolic activity. Health effects associated with exposure to chromium (III) compounds have been reported in studies of occupationally exposed populations and individuals; however, interpretation of study results is complicated by concomitant exposures to chromium (VI) or other compounds that can induce adverse health effects. Similarly, interpretation of findings in case reports of exposures to dietary supplements containing high-dose chromium(III)

are also complicated, since most supplements contain numerous chemicals; thus, the most reliable information on adverse health effects of chromium(III) is obtained from studies in animals.

The primary effects of chromium (III) compounds are on the respiratory and immunological systems. Respiratory effects appear to be portal-of-entry effects for inhalation exposure. Similarly, chromium allergic dermatitis, the major immunological effect of chromium (III), is typically elicited by dermal contact in sensitized individuals; however, initial sensitization may result from inhalation, oral, or dermal exposure or from a combination of these exposure routes. Conflicting results of studies in animals have been reported in developmental and reproductive studies of chromium (III) compounds; however, results provide evidence of adverse effects on the developing and adult reproductive system. Evidence of developmental or reproductive effects of chromium (III) in humans has not been identified. Based on results of chronic-duration oral studies in animals, chromium (III) compounds (chromium acetate, chromium chloride, chromium nicotinate, chromium oxide, chromium picolinate) do not appear to produce gastrointestinal, hematological, hepatic, renal, cardiovascular, endocrine, or musculoskeletal effects. This is in contrast to chromium (VI) compounds which produce effects in the gastrointestinal, hematological, hepatic and renal systems.

Carcinogenicity and Genotoxicity

Occupational exposure (via inhalation) to chromium (VI) compounds (calcium chromate, chromium trioxide, lead chromate, strontium chromate, and zinc chromate) in various industries has been associated with increased risk of respiratory system cancers, primarily bronchogenic and nasal. Environmental exposure of humans to chromium (VI) in drinking water resulted in statistically significant increases in stomach cancer.

No studies evaluating the carcinogenic activity of chromium (III) compounds in humans were identified and animal studies were inconclusive.

The International Agency for Research on Cancer (IARC) classified chromium (VI) as *carcinogenic to humans (Group 1)* and metallic chromium and chromium (III) compounds as *not classifiable as to their carcinogenicity to humans (Group 3)*.

In-vivo and in-vitro studies indicate chromium (VI) has genotoxic properties however there is no indication that chromium (III) exhibits genotoxic potential.

Published Dose-Response Values

Available chronic dose-response values published by sources recognised and endorsed by NEPC (1999) and enHealth (2004) are summarised in the following table.

Table 1: Published Dose-Response Values for Chromium (VI) and Chromium (III)

Route of Exposure	Type	Threshold or Non-Threshold	Value	Source	Notes
Chromium (VI)					
Oral	Acceptable Daily Intake (ADI)	Threshold	0.0014 mg/kg/day	NHMRC (2004)	
Oral	Acceptable Daily Intake (ADI)	Threshold	0.0014 mg/kg/day	WHO (2008)	
Oral	Minimal Risk Level (MRL)	Threshold	0.001 mg/kg/day	ATSDR (2008)	
Oral	Reference Dose (RfD)	Threshold	0.003 mg/kg/day	USEPA (2011)	

Route of Exposure	Type	Threshold or Non-Threshold	Value	Source	Notes
Inhalation	Minimal Risk Level (MRL)	Threshold	0.000005 mg/m^3	ATSDR (2008)	For chromium (VI) as chromium trioxide mist and other hexavalent chromium aerosols and mists. Not considered relevant to assessment of exposure to chromium (VI) particulates derived from contaminated soil.
Inhalation	Reference Concentration (RfC)	Threshold	0.0001 mg/m^3	USEPA (2011)	Chromium (VI) particulates
Inhalation	Unit Risk	Non threshold	0.04 $(ug/m^3)^{-1}$	WHO (2000a)	
Inhalation	Unit Risk	Non threshold	0.011-0.13 $(ug/m^3)^{-1}$	WHO (2000b)	
Inhalation	Unit Risk	Non threshold	0.012 $(ug/m^3)^{-1}$	USEPA (2011)	
Chromium (III)					
Oral	Reference Dose (RfD)	Threshold	1.5 mg/kg/day	USEPA (2011)	
Oral	Reference Dose (RfD)	Threshold	1.5 mg/kg/day	USEPA (2010)	
Inhalation	Minimal Risk Level (MRL)	Threshold	0.0001 mg/m^3	ATSDR (2008)	Intermediate duration inhalation exposure to soluble trivalent chromium particulate compounds

Adopted Threshold Dose-Response Values

Chromium (VI)

For assessment of potential threshold effects associated with oral exposure to chromium (VI), AECOM has adopted the minimal risk level (MRL) of 0.001 mg/kg/day adopted by ATSDR (2008).

For assessment of potential threshold effects associated with inhalation exposure to chromium (VI), AECOM has adopted the RfC of 0.0001 mg/m^3 published by USEPA (2010) for chromium (VI) particulates. Note that the ATSDR MRL of 0.000005 mg/m^3 for hexavalent chromium aerosols and mists was not considered relevant to assessment of exposure to chromium (VI) particulates derived from contaminated soil.

Chromium (III)

For assessment of potential threshold effects associated with oral exposure to chromium (III), AECOM has adopted the USEPA (2010) reference dose (RfD) of 1.5 mg/kg/day.

For assessment of potential threshold effects associated with inhalation exposure to chromium (III), AECOM has adopted the ATSDR (2008) intermediate duration MRL of 0.0001 mg/m^3. While this value was derived for intermediate exposure duration, it is considered likely to be suitably protective for assessment of chromium (III) given that:

- The ATSDR MRL is identical to the USEPA (2010) RfC for chromium (VI); and

- chromium (III) compounds appear to be much less toxic than chromium (VI) compounds.

Adopted Non-Threshold (Carcinogenic) Dose-Response Values

Chromium (VI)

To AECOM's knowledge, non-threshold dose-response criteria for oral exposure to chromium (VI) have not been published by Australian or other regulatory bodies. Potential health effects associated with oral exposure to chromium (VI) have therefore been assessed on the basis of threshold dose response criteria.

For assessment of potential non-threshold effects associated with inhalation exposure to chromium (IV), AECOM has adopted the unit risk of 0.04 $(ug/m3)^{-1}$ published by WHO (2000a).

Chromium (III)

To AECOM's knowledge, non-threshold dose-response criteria for oral and inhalation exposure to chromium (III) have not been published by Australian or other regulatory bodies. Potential health effects associated with oral or inhalation exposure to chromium (III) have therefore been assessed on the basis of threshold dose response criteria.

References

ATSDR, 2010. *Toxicological Profile for Cadmium*. Agency for Toxic Substances and Disease Registry. September 2008.

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WHO 2000b. *Air Water Guidelines Global.* World Health Organisation,2000.

Cyanide – Toxicological profile

The following information has been taken from ATSDR (2005):

General

Cyanides are both naturally occurring and man-made and many are powerful and rapid-acting poisons. Hydrogen cyanide, sodium cyanide, and potassium cyanide are the forms of cyanide and are most likely to be in the environment as a result of industrial activities. Certain bacteria, fungi, and algae can also produce cyanide, and it is also found in a number of foods and plants.

Many of the cyanides in soil and water come from industrial processes such as metal mining, organic chemical industries, iron and steel plants or manufacturers, and publicly owned wastewater treatment facilities. Automotive exhausts are a source of cyanides, as are fumes from the incineration of municipal waste and cyanide containing pesticides.

Cyanide enters air, water, and soil from both natural processes and industrial activities. Airborne cyanide is present mainly as gaseous hydrogen cyanide and is generally far below levels that would cause concern. A small amount of cyanide in air is present as fine dust particles. This dust eventually settles over land and water and is removed from air by rain and snow. Most cyanide in surface water will form hydrogen cyanide and evaporate. Some cyanide in water will be transformed into less harmful chemicals by microorganisms or will form a complex with metals, such as iron. Cyanide in water does not build up in the bodies of fish.

Cyanides are fairly mobile in soil and can be converted to hydrogen cyanide gas or other chemical forms by microorganisms present in the soil. Cyanides usually do not seep into underground water however cyanide has been detected in underground waters of landfills and industrial waste disposal sites. At the high concentrations found in some landfill leachates and in the wastes stored in some disposal sites, cyanide becomes toxic to soil microorganisms. Because these microorganisms can no longer change cyanide to other chemical forms, cyanide is able to passes through soil into underground water.

Non-carcinogenic Health Effects

The toxicity of individual cyanide compounds is dependent on the ease with which they release cyanide anion (CN^-). For example, cyanide radicals have a low affinity for alkali metals and a high affinity for ferric iron (Fe^{3+}) and other metals; therefore, simple cyanide salts (for example, sodium cyanide or potassium cyanide) are toxic, whereas certain iron-containing cyanide compounds do not release CN^- readily and are nearly nontoxic. Cyanide exerts its primary toxicological effects by binding to the metallic cofactor in metalloenzymes, thereby impairing enzyme and cell function. Cytochrome c oxidase is the most significant target of cyanide exposure since its inhibition prevents tissues from using oxygen causing histiotoxic hypoxia. The most vulnerable tissues are those with the highest oxygen demand and/or a deficiency in detoxifying enzymes such as rhodanese. The inhibition of oxygen use by cells causes oxygen tensions to rise in peripheral tissues; this results in a decrease in the unloading gradient for oxyhemoglobin. Thus, oxyhemoglobin is carried in the venous blood, which is one biomarker of cyanide exposure. In addition to binding to cytochrome c oxidase, cyanide inhibits enzymatic activity of a wide variety of enzymes which contribute to the signs of cyanide toxicity.

Although the entire body is affected by cyanide exposure, adverse effects on the central nervous system are of the most consequence to the organism because of the high metabolic demand for oxygen in neurons and its control of respiratory function. Initial stimulation of carotid and aortic bodies and effects on the central nervous system adversely affect the function of the respiratory system, which contributes to the global histiotoxic hypoxia leading to death. High inhalation, oral, or dermal exposure levels result in convulsions, unconsciousness, and death due to inactivation of the centers controlling respiration. Lower exposures may result in headache or dizziness.

The signs of cyanide toxicity at concentrations leading to death in humans are well described: intoxication, followed by a brief sensation of dryness and burning in the throat, suffusing warmth, and a hunger for air. Within 1 minute apnea develops and symptoms worsen with loss of consciousness and convulsions. Cardiovascular failure may also occur, although the heart may continue to beat for 3– 4 minutes after the last breath. Reported signs sometimes include a bitter almond-like odor on the breath and (in light-toned individuals) a rose-colored hue of the skin. Dermal exposure to cyanide results in comparable effects, but at higher doses.

Nonlethal exposures to hydrogen cyanide gas produces upper respiratory irritation, cough, altered sense of smell, nasal congestion, epistaxis, hemoptysis, and dyspnea in exposed workers. Workers acutely exposed to cyanogen, which dissociates into hydrogen cyanide and hydrocyanic acid, experienced nasal irritation. Other

effects observed at nonlethal exposure levels include hypotension, heart palpitations, precordial pains, nausea and vomiting resulting from central nervous system stimulation or direct contact with cyanide, and albinuria. Animal studies also report bradycardia, arrhythmia, and T-wave abnormalities, vomiting, increased blood urea nitrogen, and histopathology of the renal proximal tubular epithelium and glomeruli. Hepatic effects have not been reported in humans, but have been observed in some animal studies.

Thyroid effects following cyanide exposure result from the interference of thiocyanate, a metabolite of cyanide, with iodine uptake and utilization in the thyroid gland. Enlargement of the thyroid gland and increased levels of thyroid stimulating hormone were observed in workers exposed by inhalation. No data were available for cyanide-induced neurotoxicity in humans following intermediate-duration exposures by any route, but a number of animal studies are available, none of which, systematically evaluated neurotoxicity using a neurobehavioral test battery. Following repeated inhalation exposure to cyanide, transitory neurobehavioral effects (increased response rates without encephalopathy) were observed in monkeys and more serious effects (tremors, rigidity, ataxia, atrophy of Purkinje cells, and vasodilation and hemorrhage in the brain) were observed in dogs, the most sensitive species tested. Oral exposure studies administered cyanide salts by oral gavage, in drinking water, or diet. In oral gavage studies in pigs or rats, behavioral changes (reduced activity) were observed at doses between 0.14 and 0.8 mg cyanide/kg/day and more serious effects (tremors, convulsions) were observed at 7.8 mg CN–/kg/day, a lethal dose. No encephalopathy or overt signs of neurotoxicity were observed following repeated exposure via drinking water to doses as high as 12.5 mg CN–/kg/day in rats or 28.8 mg CN–/kg/day in mice. Myelin degeneration of spinal cord tracts was observed in rats receiving 30 mg CN–/kg/day via dietary exposure.

Chronic exposure to lower cyanide concentrations in occupational settings causes a variety of symptoms from fatigue, dizziness, and headaches to ringing in the ears, paresthesias of extremities, and syncopes, or even hemiparesis and hemianopia. In addition, behavioral changes were reported following prolonged cyanide exposure with loss of memory and decreases in visual acuity, psychomotor ability, and visual learning reported in workers. It is possible, however, that during occupational exposure, such as electroplating operations, chemicals other than cyanide may have contributed to the effects observed.

Chronic neurological effects are exacerbated by nutritional deficiencies or other disorders that provide inadequate levels of thiosulfate needed to detoxify cyanide. Among those observed were hyperreflexia or spastic paraparesis of the extremities, spastic dysarthria, visual and hearing difficulties, and cerebellar signs.

Carcinogenicity and Genotoxicity

There is no evidence that cyanide exposure is correlated with carcinogenicity in humans or animals.

Cyanide has only an indirect genotoxic effect in vivo and in vitro, in that dying cells release endonucleasese into the cytosol, ultimately resulting in DNA fragmentation.

Published Dose-Response Values

Available chronic dose-response values published by sources recognised and endorsed by NEPC (1999) and enHealth (2004) are summarised in the following table.

Table 1: Published Dose-Response Values for Cyanide

Route of Exposure	Type	Threshold or Non-Threshold	Value	Source	Notes
Oral	Acceptable Daily Intake (ADI)	Threshold	0.012 mg/kg/day	NHMRC (2004)	
Oral	Acceptable Daily Intake (ADI)	Threshold	0.012 mg/kg/day	WHO (2008)	Protective for acute and long term exposure
Oral	Minimal Risk Level (MRL)	Threshold	0.05	ATSDR (2005)	Intermediate duration exposure
Oral	Reference Dose (RfD)	Threshold	0.02 mg/kg/day	USEPA (2011)	

Adopted Threshold Dose-Response Values

For assessment of potential threshold effects associated with oral exposure to cyanide, AECOM has adopted the acceptable daily intake (ADI) of 0.012 mg/kg/day adopted by the NHMRC (2004) for the derivation of drinking water guideline values.

To AECOM's knowledge, threshold dose-response criteria for inhalation exposure to cyanide have not been published by Australian or other regulatory bodies. AECOM has therefore adopted a route-to-route (oral to inhalation) extrapolation approach for assessment of inhalation effects of cyanide. The oral ADI of 0.012 mg/kg/day was converted to a Tolerable Concentration in air of 0.042 mg/m^3 assuming an adult body weight of 70 kg and a daily inhalation volume of 20 m^3/day. It is noted that there is substantial uncertainty associated with the use of route-to-route extrapolation, due to differences in e.g., absorption, distribution and metabolism of chemicals via the oral versus inhalation exposure routes. However, this approach has been adopted as a conservative measure in the absence of other data.

Adopted Non-Threshold (Carcinogenic) Dose-Response Values

To AECOM's knowledge, non-threshold dose-response criteria for oral and inhalation exposure to cyanide have not been published by Australian or other regulatory bodies. Potential health effects associated with oral and inhalation exposure to cyanide have therefore been assessed on the basis of threshold dose response criteria.

References

ATSDR, 2005. *Toxicological Profile for Cyanide*. Agency for Toxic Substances and Disease Registry. August, 2005.

enHealth, 2004. *Environmental Health Risk Assessment*, *Guidelines for Assessing Human Health Risks from Environmental Hazards.* June 2004.

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WHO, 2008. *Guidelines for Drinking-water Quality. First and Second Addenda to the Third-Edition. Volume 1. Recommendations.* World Health Organization.

Appendix G

Stack Testing Results

Stack Testing PAH Results Summary 2014-2016

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

Year	Test	Concentration (mg/m^3)		% BaP
		PAH	BaP	
2014	BA1 - 1st Cut	0.39	0.000018	0.00462%
2014	BA1 - 2nd Cut	0.038	0.0000055	0.0145%
2014	BA2 - 1st Cut	0.41	0.0000069	0.0017%
2014	BA2 - 2nd Cut	0.19	0.000034	0.0179%
2015	BA1 - 1st Cut	0.0061	0.0000098	0.1607%
2015	BA1 - 2nd Cut	0.0058	0.000024	0.4138%
2015	BA2 - 1st Cut	0.23	0.00001	0.0043%
2015	BA2 - 2nd Cut	0.071	0.000011	0.0155%
2016	BA1 - 1st Cut	0.001	0.0000061	0.6100%
2016	BA1 - 2nd Cut	0.0067	0.0000085	0.1269%
	AVERAGE	0.13486	0.00001338	0.0099%

Year	Test	Concentration (mg/m^3)		% Phenanthrene
		PAH	Phenanthrene	
2014	BA1 - 1st Cut	0.39	0.0074	1.89744%
2014	BA1 - 2nd Cut	0.038	0.0066	17.3684%
2014	BA2 - 1st Cut	0.41	0.12	29.2683%
2014	BA2 - 2nd Cut	0.19	0.031	16.3158%
2015	BA1 - 1st Cut	0.0061	0.00033	5.4098%
2015	BA1 - 2nd Cut	0.0058	0.0003	5.1724%
2015	BA2 - 1st Cut	0.23	0.01	4.3478%
2015	BA2 - 2nd Cut	0.071	0.006	8.4507%
2016	BA1 - 1st Cut	0.001	0.00024	24.0000%
2016	BA1 - 2nd Cut	0.0067	0.0013	19.4030%
	AVERAGE	0.13486	0.018317	14%

Year	Test	Concentration (mg/m^3)		% Napthalene
		PAH	Napthalene	
2014	BA1 - 1st Cut	0.39	0.140	35.89744%
2014	BA1 - 2nd Cut	0.038	0.019	50.0000%
2014	BA2 - 1st Cut	0.41	0.013	3.1707%
2014	BA2 - 2nd Cut	0.19	0.058	30.5263%
2015	BA1 - 1st Cut	0.0061	0.0038	62.2951%
2015	BA1 - 2nd Cut	0.0058	0.003	51.7241%
2015	BA2 - 1st Cut	0.23	0.045	19.5652%
2015	BA2 - 2nd Cut	0.071	0.0066	9.2958%
2016	BA1 - 1st Cut	0.001	0.00032	32.0000%
2016	BA1 - 2nd Cut	0.0067	0.0024	35.8209%
	AVERAGE	0.13486	0.029112	22%

Year	Test	Concentration (mg/m^3)		% 2 - Methylnapthalene
		PAH	2 - Methylnapthalene	
2014	BA1 - 1st Cut	0.39	0.18	46.15385%
2014	BA1 - 2nd Cut	0.038	0.0047	12.3684%
2014	BA2 - 1st Cut	0.41	0.11	26.8293%
2014	BA2 - 2nd Cut	0.19	0.047	24.7368%
2015	BA1 - 1st Cut	0.0061	0.0012	19.6721%
2015	BA1 - 2nd Cut	0.0058	0.0015	25.8621%
2015	BA2 - 1st Cut	0.23	0.17	73.9130%
2015	BA2 - 2nd Cut	0.071	0.055	77.4648%
2016	BA1 - 1st Cut	0.001	0.00011	11.0000%
2016	BA1 - 2nd Cut	0.0067	0.00098	14.6269%
	AVERAGE	0.13486	0.057049	42%

Year	Test	Concentration (mg/m^3)		% Carcinogenic PAH
		PAH	Carcinogenic PAH	
2014	BA1 - 1st Cut	0.39	0.0002634	0.06754%
2014	BA1 - 2nd Cut	0.038	0.0000413	0.1087%
2014	BA2 - 1st Cut	0.41	0.0005164	0.1260%
2014	BA2 - 2nd Cut	0.19	0.007137	3.7563%
2015	BA1 - 1st Cut	0.0061	0.0000989	1.6213%
2015	BA1 - 2nd Cut	0.0058	0.0002243	3.8672%
2015	BA2 - 1st Cut	0.23	0.0003714	0.1615%
2015	BA2 - 2nd Cut	0.071	0.0003065	0.4317%
2016	BA1 - 1st Cut	0.001	0.0000573	5.7300%
2016	BA1 - 2nd Cut	0.0067	0.0000589	0.8791%
	AVERAGE	0.13486	0.00090754	0.67%

Stack Testing PAH Results Summary 2014

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

1st Cut SPL - Biannual Round 1

	Sample Result			Emission		Mass Emission Rate		% of Total
	(ng)	(µg)	(mg)	(µg/m^3)	(mg/m^3)	(µg/s)	(mg/s)	PAH
Naphthalene	390000	390	0.39	140	0.14	920	0.92	35.897%
2 - Methylnapthalene	500000	500	0.5	180	0.18	1200	1.2	46.154%
Acenaphthylene	41000	41	0.041	15	0.015	97	0.097	3.846%
Acenaphthene	110000	110	0.11	40	0.04	260	0.26	10.256%
Fluorene	9600	9.6	0.0096	3.5	0.0035	23	0.023	0.897%
Phenanthrene	20000	20	0.02	7.4	0.0074	47	0.047	1.897%
Anthracene	490	0.49	0.00049	0.18	0.00018	1.2	0.0012	0.046%
Fluoranthene	3100	3.1	0.0031	1.1	0.0011	7.3	0.0073	0.282%
Pyrene	1100	1.1	0.0011	0.4	0.0004	2.6	0.0026	0.103%
Benz(a)anthracene	96	0.096	0.000096	0.035	0.000035	0.23	0.00023	0.009%
Chrysene	290	0.29	0.00029	0.11	0.00011	0.68	0.00068	0.028%
Benzo(b)fluoranthene	100	0.1	0.0001	0.037	0.000037	0.24	0.00024	0.009%
Benzo(k)fluoranthene	53	0.053	0.000053	0.019	0.000019	0.13	0.00013	0.005%
Benzo(e)pyrene	64	0.064	0.000064	0.024	0.000024	0.15	0.00015	0.006%
Benzo(a)pyrene	48	0.048	0.000048	0.018	0.000018	0.11	0.00011	0.005%
Perylene	110	0.11	0.00011	0.04	0.00004	0.26	0.00026	0.010%
Indeno(123:cd)pyrene	49	0.049	0.000049	0.018	0.000018	0.12	0.00012	0.005%
Dibenzo(ah)anthracene	<20	<0.02	<0.00002	0.0074	0.0000074	<0.047	<0.000047	0.002%
Benzo(ghi)perylene	52	0.052	0.000052	0.019	0.000019	0.12	0.00012	0.005%
Sum of reported PAH's	**1100000**	**1100**	**1.1**	**390**	**0.39**	**2600**	**2.6**	

0.0002634

2nd Cut SPL - Biannual Round 1

	Sample Result			Emission		Mass Emission Rate		% of Total
	(ng)	(µg)	(mg)	(µg/m^3)	(mg/m^3)	(µg/s)	(mg/s)	PAH
Naphthalene	69000	69	0.069	19	0.019	170	0.17	50.000%
2 - Methylnapthalene	17000	17	0.017	4.7	0.0047	41	0.041	12.368%
Acenaphthylene	6600	6.6	0.0066	1.8	0.0018	16	0.016	4.737%
Acenaphthene	12000	12	0.012	3.3	0.0033	29	0.029	8.684%
Fluorene	3200	3.2	0.0032	0.88	0.00088	7.7	0.0077	2.316%
Phenanthrene	24000	24	0.024	6.6	0.0066	57	0.057	17.368%
Anthracene	730	0.73	0.00073	0.2	0.0002	1.7	0.0017	0.526%
Fluoranthene	4000	4	0.004	1.1	0.0011	9.6	0.0096	2.895%
Pyrene	1900	1.9	0.0019	0.52	0.00052	4.5	0.0045	1.368%
Benz(a)anthracene	<20	<0.02	<0.00002	0.0055	0.0000055	<0.048	<0.000048	0.014%
Chrysene	50	0.05	0.00005	0.014	0.000014	0.12	0.00012	0.037%
Benzo(b)fluoranthene	<20	<0.02	<0.00002	0.0055	0.0000055	<0.048	<0.000048	0.014%
Benzo(k)fluoranthene	<20	<0.02	<0.00002	0.0055	0.0000055	<0.048	<0.000048	0.014%
Benzo(e)pyrene	<20	<0.02	<0.00002	0.0055	<0.0000055	<0.048	<0.000048	0%
Benzo(a)pyrene	<20	<0.02	<0.00002	0.0055	0.0000055	<0.048	<0.000048	0.014%
Perylene	88	0.088	0.000088	0.024	0.000024	0.21	0.00021	0.063%
Indeno(123:cd)pyrene	<20	<0.02	<0.00002	0.0055	0.0000055	<0.048	<0.000048	0.014%
Dibenzo(ah)anthracene	<20	<0.02	<0.00002	0.0055	0.0000055	<0.048	<0.000048	0.014%
Benzo(ghi)perylene	30	0.03	0.00003	0.0083	0.0000083	0.072	0.000072	0.022%
Sum of reported PAH's	**140000**	**140**	**0.14**	**38**	**0.038**	**340**	**0.34**	

0.0000413

1st Cut SPL - Biannual Round 2

	Sample Result			Emission		Mass Emission Rate		% of Total
	(ng)	(µg)	(mg)	(µg/m^3)	(mg/m^3)	(µg/s)	(mg/s)	PAH
Naphthalene	48000	48	0.048	13	0.013	100	0.1	3.171%
2 - Methylnapthalene	410000	410	0.41	110	0.11	870	0.87	26.829%
Acenaphthylene	120000	120	0.12	32	0.032	260	0.26	7.805%
Acenaphthene	250000	250	0.25	66	0.066	530	0.53	16.098%
Fluorene	27000	27	0.027	7.1	0.0071	57	0.057	1.732%
Phenanthrene	450000	450	0.45	120	0.12	960	0.96	29.268%
Anthracene	13000	13	0.013	3.4	0.0034	28	0.028	0.829%
Fluoranthene	140000	140	0.14	37	0.037	300	0.3	9.024%
Pyrene	79000	79	0.079	21	0.021	170	0.17	5.122%
Benz(a)anthracene	150	0.15	0.00015	0.04	0.00004	0.32	0.00032	0.010%
Chrysene	1400	1.4	0.0014	0.37	0.00037	3	0.003	0.090%
Benzo(b)fluoranthene	150	0.15	0.00015	0.04	0.00004	0.32	0.00032	0.010%
Benzo(k)fluoranthene	81	0.081	0.000081	0.021	0.000021	0.17	0.00017	0.005%
Benzo(e)pyrene	150	0.15	0.00015	0.04	0.00004	0.32	0.00032	0.010%
Benzo(a)pyrene	26	0.026	0.000026	0.0069	0.0000069	0.055	0.000055	0.002%
Perylene	590	0.59	0.00059	0.16	0.00016	1.3	0.0013	0.039%
Indeno(123:cd)pyrene	31	0.031	0.000031	0.0082	0.0000082	0.066	0.000066	0.002%
Dibenzo(ah)anthracene	<20	<0.02	<0.00002	0.0053	0.0000053	<0.043	<0.000043	0.001%
Benzo(ghi)perylene	93	0.093	0.000093	0.025	0.000025	0.2	0.0002	0.006%

0.0005164

2nd Cut SPL - Biannual Round 2

	Sample Result			Emission		Mass Emission Rate		% of Total
	(ng)	(µg)	(mg)	(µg/m^3)	(mg/m^3)	(µg/s)	(mg/s)	PAH
Naphthalene	220000	220	0.22	58	0.058	480	0.48	30.526%
2 - Methylnapthalene	180000	180	0.18	47	0.047	390	0.39	24.737%
Acenaphthylene	24000	24	0.024	6.3	0.0063	52	0.052	3.316%
Acenaphthene	60000	60	0.06	16	0.016	130	0.13	8.421%
Fluorene	9100	9.1	0.0091	2.4	0.0024	20	0.02	1.263%
Phenanthrene	120000	120	0.12	31	0.031	260	0.26	16.316%
Anthracene	2700	2.7	0.0027	0.71	0.00071	5.9	0.0059	0.374%
Fluoranthene	41000	41	0.041	11	0.011	89	0.089	5.789%
Pyrene	20000	20	0.02	5.2	0.0052	44	0.044	2.737%
Benz(a)anthracene	4700	4.7	0.0047	1.2	0.0012	10	0.01	0.632%
Chrysene	15000	15	0.015	3.9	0.0039	33	0.033	2.053%
Benzo(b)fluoranthene	4500	4.5	0.0045	1.2	0.0012	9.8	0.0098	0.632%
Benzo(k)fluoranthene	2600	2.6	0.0026	0.68	0.00068	5.7	0.0057	0.358%
Benzo(e)pyrene	4300	4.3	0.0043	1.1	0.0011	9.4	0.0094	0.579%
Benzo(a)pyrene	130	0.13	0.00013	0.034	0.000034	0.28	0.00028	0.018%
Perylene	290	0.29	0.00029	0.076	0.000076	0.63	0.00063	0.040%
Indeno(123:cd)pyrene	170	0.17	0.00017	0.045	0.000045	0.37	0.00037	0.024%
Dibenzo(ah)anthracene	67	0.067	0.000067	0.018	0.000018	0.15	0.00015	0.009%
Benzo(ghi)perylene	230	0.23	0.00023	0.06	0.00006	0.5	0.0005	0.032%

0.007137

Stack Testing PAH Results Summary 2015

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

1st Cut SPL - Biannual Round 1

	Sample Result			Emission		Mass Emission Rate		% of Total
	(ng)	(µg)	(mg)	(µg/m^3)	(mg/m^3)	(µg/s)	(mg/s)	PAH
Naphthalene	15000	15	0.015	3.8	0.0038	34	0.034	62.295%
2 - Methylnapthalene	4900	4.9	0.0049	1.2	0.0012	11	0.011	19.672%
Acenaphthylene	260	0.26	0.00026	0.065	0.000065	0.59	0.00059	1.066%
Acenaphthene	640	0.64	0.00064	0.16	0.00016	1.4	0.0014	2.623%
Fluorene	560	0.56	0.00056	0.14	0.00014	1.3	0.0013	2.295%
Phenanthrene	1300	1.3	0.0013	0.33	0.00033	2.9	0.0029	5.410%
Anthracene	110	0.11	0.00011	0.028	0.000028	0.25	0.00025	0.459%
Fluoranthene	510	0.51	0.00051	0.13	0.00013	1.1	0.0011	2.131%
Pyrene	380	0.38	0.00038	0.096	0.000096	0.86	0.00086	1.574%
Benz(a)anthracene	61	0.061	0.000061	0.015	0.000015	0.14	0.00014	0.246%
Chrysene	86	0.086	0.000086	0.022	0.000022	0.19	0.00019	0.361%
Benzo(b)fluoranthene	78	0.078	0.000078	0.02	0.00002	0.18	0.00018	0.328%
Benzo(k)fluoranthene	44	0.044	0.000044	0.011	0.000011	0.099	0.000099	0.180%
Benzo(e)pyrene	51	0.051	0.000051	0.013	0.000013	0.11	0.00011	0.213%
Benzo(a)pyrene	39	0.039	0.000039	0.0098	0.0000098	0.088	0.000088	0.161%
Perylene	49	0.049	0.000049	0.012	0.000012	0.11	0.00011	0.197%
Indeno(123:cd)pyrene	30	0.03	0.00003	0.0075	0.0000075	0.068	0.000068	0.123%
Dibenzo(ah)anthracene	<20	<0.02	<0.00002	0.005	0.000005	<0.045	<0.000045	0.082%
Benzo(ghi)perylene	34	0.034	0.000034	0.0086	0.0000086	0.077	0.000077	0.141%
Sum of reported PAH's	**24000**	**24**	**0.024**	**6.1**	**0.0061**	**54**	**0.054**	

0.0000989

2nd Cut SPL - Biannual Round 1

	Sample Result			Emission		Mass Emission Rate		% of Total
	(ng)	(µg)	(mg)	(µg/m^3)	(mg/m^3)	(µg/s)	(mg/s)	PAH
Naphthalene	12000	12	0.012	3	0.003	27	0.027	51.724%
2 - Methylnapthalene	5900	5.9	0.0059	1.5	0.0015	13	0.013	25.862%
Acenaphthylene	300	0.3	0.0003	0.076	0.000076	0.68	0.00068	1.310%
Acenaphthene	500	0.5	0.0005	0.13	0.00013	1.1	0.0011	2.241%
Fluorene	230	0.23	0.00023	0.058	0.000058	0.52	0.00052	1.000%
Phenanthrene	1200	1.2	0.0012	0.3	0.0003	2.7	0.0027	5.172%
Anthracene	74	0.074	0.000074	0.019	0.000019	0.17	0.00017	0.328%
Fluoranthene	790	0.79	0.00079	0.2	0.0002	1.8	0.0018	3.448%
Pyrene	770	0.77	0.00077	0.2	0.0002	1.7	0.0017	3.448%
Benz(a)anthracene	150	0.15	0.00015	0.038	0.000038	0.34	0.00034	0.655%
Chrysene	170	0.17	0.00017	0.043	0.000043	0.39	0.00039	0.741%
Benzo(b)fluoranthene	170	0.17	0.00017	0.043	0.000043	0.39	0.00039	0.741%
Benzo(k)fluoranthene	110	0.11	0.00011	0.028	0.000028	0.25	0.00025	0.483%
Benzo(e)pyrene	110	0.11	0.00011	0.028	0.000028	0.25	0.00025	0.483%
Benzo(a)pyrene	96	0.096	0.000096	0.024	0.000024	0.22	0.00022	0.414%
Perylene	84	0.084	0.000084	0.021	0.000021	0.19	0.00019	0.362%
Indeno(123:cd)pyrene	72	0.072	0.000072	0.018	0.000018	0.16	0.00016	0.310%
Dibenzo(ah)anthracene	21	0.021	0.000021	0.0053	0.0000053	0.048	0.000048	0.091%
Benzo(ghi)perylene	100	0.1	0.0001	0.025	0.000025	0.23	0.00023	0.431%
Sum of reported PAH's	**23000**	**23**	**0.023**	**5.8**	**0.0058**	**51**	**0.051**	

0.0002243

1st Cut SPL - Biannual Round 2

	Sample Result			Emission		Mass Emission Rate		% of Total
	(ng)	(µg)	(mg)	(µg/m^3)	(mg/m^3)	(µg/s)	(mg/s)	PAH
Naphthalene	200000	200	0.2	45	0.045	360	0.36	19.565%
2 - Methylnapthalene	740000	740	0.74	170	0.17	1300	1.3	73.913%
Acenaphthylene	1500	1.5	0.0015	0.34	0.00034	2.7	0.0027	0.148%
Acenaphthene	3400	3.4	0.0034	0.77	0.00077	6.1	0.0061	0.335%
Fluorene	13000	13	0.013	2.9	0.0029	23	0.023	1.261%
Phenanthrene	44000	44	0.044	10	0.01	79	0.079	4.348%
Anthracene	260	0.26	0.00026	0.059	0.000059	0.47	0.00047	0.026%
Fluoranthene	6800	6.8	0.0068	1.5	0.0015	12	0.012	0.652%
Pyrene	1800	1.8	0.0018	0.41	0.00041	3.2	0.0032	0.178%
Benz(a)anthracene	54	0.054	0.000054	0.012	0.000012	0.097	0.000097	0.005%
Chrysene	1200	1.2	0.0012	0.27	0.00027	2.2	0.0022	0.117%
Benzo(b)fluoranthene	190	0.19	0.00019	0.043	0.000043	0.34	0.00034	0.019%
Benzo(k)fluoranthene	67	0.067	0.000067	0.015	0.000015	0.12	0.00012	0.007%
Benzo(e)pyrene	52	0.052	0.000052	0.012	0.000012	0.093	0.000093	0.005%
Benzo(a)pyrene	44	0.044	0.000044	0.01	0.00001	0.079	0.000079	0.004%
Perylene	<20	<0.02	<0.00002	0.0045	<0.0000045	<0.036	<0.000036	0%
Indeno(123:cd)pyrene	40	0.04	0.00004	0.0091	0.0000091	0.072	0.000072	0.004%
Dibenzo(ah)anthracene	22	0.022	0.000022	0.005	0.000005	0.04	0.00004	0.002%
Benzo(ghi)perylene	32	0.032	0.000032	0.0073	0.0000073	0.057	0.000057	0.003%
Sum of reported PAH's	**1000000**	**1000**	**1**	**230**	**0.23**	**1800**	**1.8**	

0.0003714

2nd Cut SPL - Biannual Round 2

	Sample Result			Emission		Mass Emission Rate		% of Total
	(ng)	(µg)	(mg)	(µg/m^3)	(mg/m^3)	(µg/s)	(mg/s)	PAH
Naphthalene	24000	24	0.024	6.6	0.0066	56	0.056	9.296%
2 - Methylnapthalene	200000	200	0.2	55	0.055	460	0.46	77.465%
Acenaphthylene	1500	1.5	0.0015	0.41	0.00041	3.5	0.0035	0.577%
Acenaphthene	2100	2.1	0.0021	0.57	0.00057	4.9	0.0049	0.803%
Fluorene	3700	3.7	0.0037	1	0.001	8.6	0.0086	1.408%
Phenanthrene	22000	22	0.022	6	0.006	51	0.051	8.451%
Anthracene	160	0.16	0.00016	0.044	0.000044	0.37	0.00037	0.062%
Fluoranthene	3200	3.2	0.0032	0.88	0.00088	7.4	0.0074	1.239%
Pyrene	1700	1.7	0.0017	0.47	0.00047	3.9	0.0039	0.662%
Benz(a)anthracene	50	0.05	0.00005	0.014	0.000014	0.12	0.00012	0.020%
Chrysene	700	0.7	0.0007	0.19	0.00019	1.6	0.0016	0.268%
Benzo(b)fluoranthene	140	0.14	0.00014	0.038	0.000038	0.32	0.00032	0.054%
Benzo(k)fluoranthene	75	0.075	0.000075	0.021	0.000021	0.17	0.00017	0.030%
Benzo(e)pyrene	59	0.059	0.000059	0.016	0.000016	0.14	0.00014	0.023%
Benzo(a)pyrene	40	0.04	0.00004	0.011	0.000011	0.093	0.000093	0.015%
Perylene	<20	<0.02	<0.00002	0.0055	<0.0000055	<0.046	<0.000046	0%
Indeno(123:cd)pyrene	55	0.055	0.000055	0.015	0.000015	0.13	0.00013	0.021%
Dibenzo(ah)anthracene	20	0.02	0.00002	0.0055	0.0000055	0.046	0.000046	0.008%
Benzo(ghi)perylene	45	0.045	0.000045	0.012	0.000012	0.1	0.0001	0.017%
Sum of reported PAH's	**260000**	**260**	**0.26**	**71**	**0.071**	**600**	**0.6**	

0.0003065

Stack Testing PAH Results Summary 2016

Client Name: Regain Services Pty Ltd
Project Name: Regain Tomago Facility - HHRA
Project No: 60512726

1st Cut SPL - Biannual Round 1

	Sample Result			Emission		Mass Emission Rate		% of Total
	(ng)	(µg)	(mg)	(µg/m^3)	(mg/m^3)	(µg/s)	(mg/s)	PAH
Naphthalene	1300	1.3	0.0013	0.32	0.00032	2.9	0.0029	32.000%
2 - Methylnapthalene	460	0.46	0.00046	0.11	0.00011	1	0.001	11.000%
Acenaphthylene	25	0.025	0.000025	0.0061	0.0000061	0.056	0.000056	0.610%
Acenaphthene	<20	<0.02	<0.00002	<0.0049	<0.0000049	<0.045	<0.000045	0%
Fluorene	46	0.046	0.000046	0.011	0.000011	0.1	0.0001	1.100%
Phenanthrene	1000	1	0.001	0.24	0.00024	2.2	0.0022	24.000%
Anthracene	130	0.13	0.00013	0.032	0.000032	0.29	0.00029	3.200%
Fluoranthene	570	0.57	0.00057	0.14	0.00014	1.3	0.0013	14.000%
Pyrene	370	0.37	0.00037	0.09	0.00009	0.83	0.00083	9.000%
Benz(a)anthracene	46	0.046	0.000046	0.011	0.000011	0.1	0.0001	1.100%
Chrysene	<20	<0.02	<0.00002	<0.0049	0.0000049	<0.045	<0.000045	0.490%
Benzo(b)fluoranthene	63	0.063	0.000063	0.015	0.000015	0.14	0.00014	1.500%
Benzo(k)fluoranthene	23	0.023	0.000023	0.0056	0.0000056	0.051	0.000051	0.560%
Benzo(e)pyrene	37	0.037	0.000037	0.009	0.000009	0.083	0.000083	0.900%
Benzo(a)pyrene	25	0.025	0.000025	0.0061	0.0000061	0.056	0.000056	0.610%
Perylene	<20	<0.02	<0.00002	<0.0049	<0.0000049	<0.045	<0.000045	0%
Indeno(123:cd)pyrene	<20	<0.02	<0.00002	<0.0049	0.0000049	<0.045	<0.000045	0.490%
Dibenzo(ah)anthracene	<20	<0.02	<0.00002	<0.0049	0.0000049	<0.045	<0.000045	0.490%
Benzo(ghi)perylene	<20	<0.02	<0.00002	<0.0049	0.0000049	<0.045	<0.000045	0.490%
Sum of reported PAH's	**4100**	**4.1**	**0.0041**	**1**	**0.001**	**9.1**	**0.0091**	
					0.0000573			

2nd Cut SPL - Biannual Round 1

	Sample Result			Emission		Mass Emission Rate		% of Total
	(ng)	(µg)	(mg)	(µg/m^3)	(mg/m^3)	(µg/s)	(mg/s)	PAH
Naphthalene	10000	10	0.01	2.4	0.0024	23	0.023	35.821%
2 - Methylnapthalene	4000	4	0.004	0.98	0.00098	9.1	0.0091	14.627%
Acenaphthylene	1800	1.8	0.0018	0.44	0.00044	4.1	0.0041	6.567%
Acenaphthene	2700	2.7	0.0027	0.66	0.00066	6.1	0.0061	9.851%
Fluorene	620	0.62	0.00062	0.15	0.00015	1.4	0.0014	2.239%
Phenanthrene	5500	5.5	0.0055	1.3	0.0013	13	0.013	19.403%
Anthracene	300	0.3	0.0003	0.073	0.000073	0.68	0.00068	1.090%
Fluoranthene	1500	1.5	0.0015	0.37	0.00037	3.4	0.0034	5.522%
Pyrene	990	0.99	0.00099	0.24	0.00024	2.3	0.0023	3.582%
Benz(a)anthracene	86	0.086	0.000086	0.021	0.000021	0.2	0.0002	0.313%
Chrysene	<20	<0.02	<0.00002	<0.0049	0.0000049	<0.046	<0.000046	0.073%
Benzo(b)fluoranthene	<20	<0.02	<0.00002	<0.0049	0.0000049	<0.046	<0.000046	0.073%
Benzo(k)fluoranthene	<20	<0.02	<0.00002	<0.0049	0.0000049	<0.046	<0.000046	0.073%
Benzo(e)pyrene	63	0.063	0.000063	0.015	0.000015	0.14	0.00014	0.224%
Benzo(a)pyrene	35	0.035	0.000035	0.0085	0.0000085	0.08	0.00008	0.127%
Perylene	<20	<0.02	<0.00002	<0.0049	<0.0000049	<0.046	<0.000046	0%
Indeno(123:cd)pyrene	<20	<0.02	<0.00002	<0.0049	0.0000049	<0.046	<0.000046	0.073%
Dibenzo(ah)anthracene	<20	<0.02	<0.00002	<0.0049	0.0000049	<0.046	<0.000046	0.073%
Benzo(ghi)perylene	<20	<0.02	<0.00002	<0.0049	0.0000049	<0.046	<0.000046	0.073%
Sum of reported PAH's	**28000**	**28**	**0.028**	**6.7**	**0.0067**	**64**	**0.064**	
					0.0000589			

Appendix G

SPL Safety Data Sheets

Appendix G SPL Safety Data Sheets

Technical Information Document

HiCAl Mineraliser Product Portfolio

Introduction

HiCAl (**Hi**gher **C**linker **Al**ite) products are designed for use as fluxes[1] and mineralisers[2] in cement manufacture. Benefits include higher alite (or C_3S) levels and better sulfur binding in Portland cement clinker along with economic and environmental gain from reduced energy requirements and reduced greenhouse gas emission.

Features and Benefits of HiCAl Products

HiCAl products are rich in fluoride, sodium, carbon and alumina. Under suitable process conditions, fluoride added to the clinker manufacturing process accelerates the rate of alite formation and causes more alite to form in the cement clinker at a lower temperature. Sodium may add to the quality of the clinker and strength of cement when raw materials are deficient in sodium and positively affecting the sulphur/alkali ratio when burning high sulphur fuels. The carbon in HiCAl provides heat energy when put into the cement clinker process and the alumina may allow to reduce the consumption of other alumina corrective materials.

Chemical Composition of HiCAl Products

Description		Unit	Cement Clinker Mineraliser Products				Test Method
			HiCAl-R	HiCAl-S	HiCAl 30	HiCAl 40	
Carbon		%	2 to 7	5 to 10	30 to 35	40 to 45	Liebig technique to Australian Standard AS2434.6
Calorific Value		Mj/kg	n.a.	n.a.	>9	>12	Calorimeter to Australian Standard AS1038.5
Silicon	as SiO_2	%	30 to 37	12 to 20	11 to 17	6 to 12	Inductively Coupled Plasma Spectroscopy (ICP/OES)
Aluminium	as Al_2O_3	%	25 to 30	25 to 30	18 to 23	16 to 21	
Iron	as Fe_2O_3	%	2 to 6	6 to 11	2 to 7	2 to 7	
Calcium	as CaO	%	1 to 4	1 to 4	1 to 3	1 to 3	
Potassium	as K_2O	%	0 to 2	0 to 2	0 to 1	0 to 1	
Sodium	as Na_2O	%	18 to 23	24 to 29	15 to 20	14 to 19	
Sulphur	as SO_3	%	0 to 2	0 to 2	0 to 2	0 to 2	
Fluoride	total	%	8 to 12	10 to 14	8 to 12	8 to 12	Ion Selective Electrode (ISE)

See following page for trace element analysis.

Product Sizing and Density

HiCAl products are typically manufactured one of two size fractions:

- 10mm minus with a dry bulk density of 1.3 tonnes per cubic meter
- 20% passing 90 micron with a bulk density of 1 tonne per cubic meter

[1] A flux is a substance that lowers the temperature at which solid materials enter a liquid phase and/or increases the quantity of liquid at a given temperature.

[2] A mineraliser is a substance that accelerates reaction rates and promotes the formation of desired materials in the liquid phase of cement clinker or similar materials. This results in a higher quality product with less residence time and less energy for processes such as cement making.

Analysis of Trace Elements in HiCal Products

Description		Unit	Amount	Test Method
Mercury	Hg	mg/kg	<0.2	Atomic Absorption Spectrometry (AAS) cold vapour generation
Antimony	Sb	mg/kg	<10	Inductively Coupled Plasma Spectroscopy (ICP-OES)
Arsenic	As	mg/kg	<50	
Barium	Ba	mg/kg	<10	
Beryllium	Be	mg/kg	<10	
Cadmium	Cd	mg/kg	<10	
Cobalt	Co	mg/kg	<50	
Chromium	Cr	mg/kg	<150	
Copper	Cu	mg/kg	<350	
Manganese	Mn	mg/kg	<1000	
Nickel	Ni	mg/kg	<500	
Lead	Pb	mg/kg	<100	
Selenium	Se	mg/kg	<5	
Tin	Sn	mg/kg	<20	
Thallium	Tl	mg/kg	<5	
Vanadium	V	mg/kg	<200	
Zinc	Zn	mg/kg	<100	

Grindability Index

HiCAl grindability index (measured as Hardgrove Grindability Index) is above 50.

Disclaimer

Regain makes all reasonable efforts to ensure that the quality of products conforms to specifications. However no guarantee is made of the accuracy of the information shown on this sheet. Unless otherwise agreed in writing, products are supplied subject to Regain's Standard Conditions of Sale and no warranty is provided other than that required under Australian Law. No liability is accepted for direct, indirect, special or consequential damages of any kind or for infringement on any patent. Statements relating to the possible use of our products are not recommendations for use. Users of minerals supplied by Regain are responsible for conducting their own tests and for establishing fitness for any particular purpose.

Information Document

Source and Processing of By-product Materials Recovered from the Aluminium Smelting Industry by Regain

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Overview

This Information Article has been prepared to inform regulatory stakeholders and Regain Customers on the source of the materials that Regain recovers from the aluminium smelting industry.

Background

Regain has developed a range of products for use as fluxes[1] and mineralisers[2] in energy intensive industries such as cement manufacture and brick manufacture. Benefits include economic and environmental gain from reduced energy requirements and reduced greenhouse gas emission.

The new fluxing minerals are products manufactured using by-product materials sourced from the aluminium smelting industry. The aluminium smelting industry uses large quantities of alumina, carbon, sodium fluoride and silica refractory materials. The aluminium smelter by-product materials are cost effective source for these substances that can be beneficially used in other industries, particularly energy intensive industries that can benefit from the energy saving fluxing properties of fluorine and sodium.

The beneficial fluxing and mineralising properties of aluminium smelter by-products have been well known for many years. The use of such materials has been limited because of safety and environmental concerns about certain hazardous properties of by-product materials. Regain has developed technology to detoxify the aluminium smelter by-products removing the key safety and environmental hazards and making them safe to use with other materials in manufacturing high quality mineral products.

This program has been under way since 1997. The use of Regain products as cost effective fluxing and mineralising products for energy saving and greenhouse gas emission reduction has been well established industries such as cement and brick making.

Production of Primary Aluminium

Aluminium metal is produced from two different sources:

- primary aluminium production from the smelting of alumina (Al_2O_3); and
- recycling aluminium from process scrap and used aluminium products.

This article addresses the materials recovered by Regain from primary aluminium production – aluminium smelting. It does not address the aluminium dross material from remelting aluminium metal for recycling.

Primary aluminium in produced from alumina, or aluminium oxide (Al_2O_3) in electrolytic reduction cells in aluminium smelters as shown opposite in Figure 1.

These smelters use large amounts of electrical energy and are typically located near low cost sources of electrical energy.

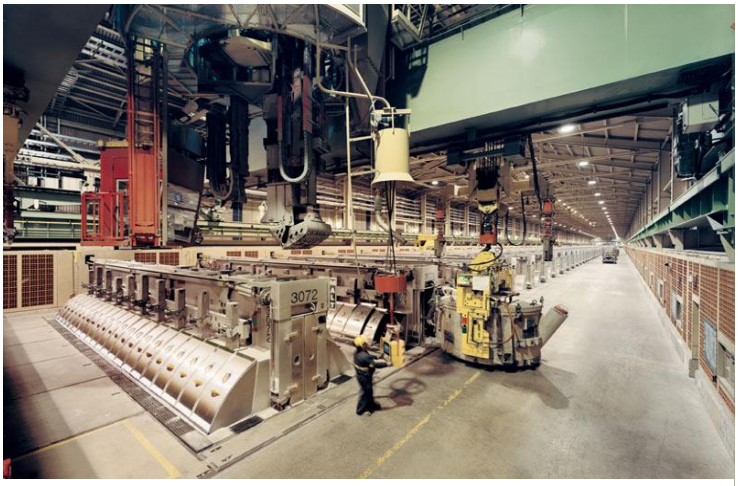

Figure 1
Electrolytic Reduction Cells Inside a Modern Primary Aluminium Smelter

[1] A flux is a substance that lowers the temperature at which solid materials enter a liquid phase and/or increases the quantity of liquid at a given temperature.
[2] A mineraliser is a substance that accelerates reaction rates promotes the formation of desired materials in the liquid phase of cement clinker or similar materials. This results in a higher quality product with less residence time and less energy for processes such as cement making.

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Aluminium Production Process

In 1886, Charles Hall of the USA and Paul L.T. Heroult of France, made the same discovery - molten cryolite (a sodium aluminium fluoride mineral) could be used to dissolve alumina and the resulting chemical reaction would produce metallic aluminium. An electrical current runs through the cryolite/alumina mixture to bring about the chemical reaction necessary to convert the alumina to metallic aluminium. The Hall-Heroult process remains in use today for the production of aluminium metal from alumina.

Production of primary aluminium metal with the Hall-Heroult process involves the electrolytic reduction of alumina in cells or pots. The electrolyte is made up of molten cryolite and other additives. The electrolyte is contained in a carbon and refractory lining in a steel potshell. A schematic view of an aluminium reduction cell is shown in Figure 2.

The cathode for the electrolytic process is a carbon lining made up of pre-formed carbon cathode blocks. Other carbon materials line the sides of the pot. Refractory materials generally sit between the carbon cathode and the steel potshell. Over time the effectiveness of the lining deteriorates and the lining of the pot is removed and then replaced with a new lining. The lining material that has been removed from the pot is recovered and processed by Regain.

The anode for the electrolytic process is a large carbon block held by a metal frame and suspended in the molten cryolite /alumina mixture. Most of the carbon anode block is consumed in the production process. When the carbon anode block is at the end of its service life it is removed and the remaining carbon is incorporated into new carbon anode blocks. A proportion of the anode carbon is not re-usable and this carbon is recovered and processed by Regain.

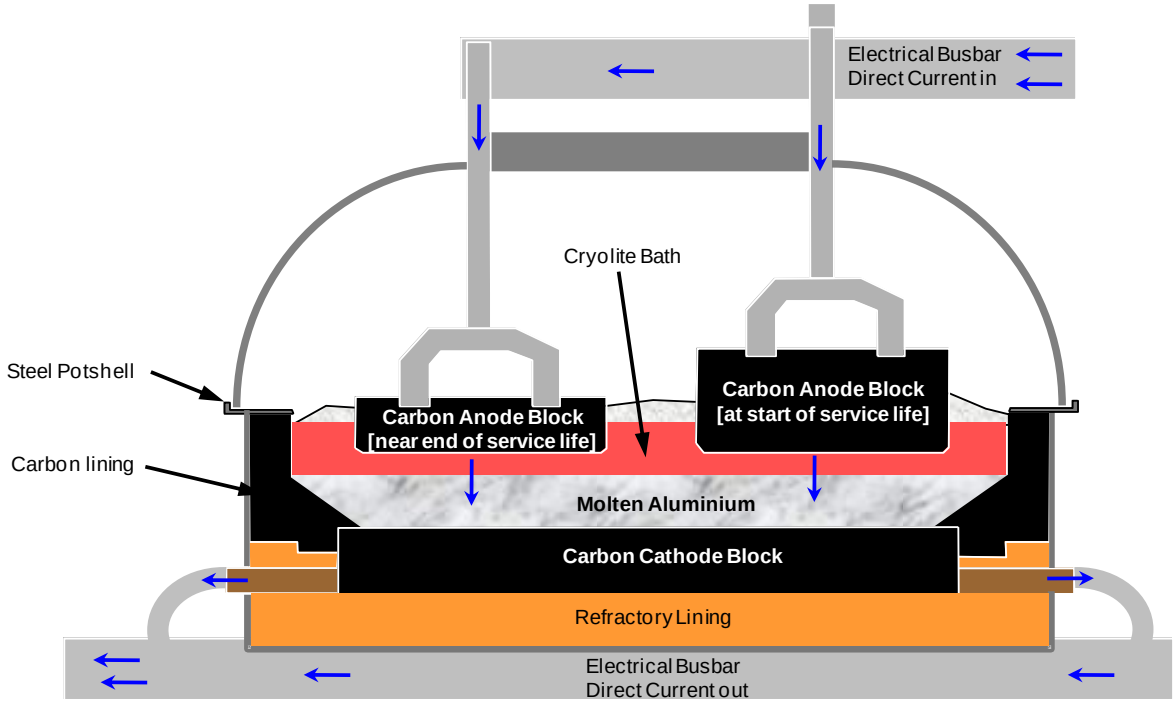

Figure 2
Cross Section Schematic of Aluminium Reduction Cell (or Pot)

Over the typical life of a pot (three to ten years), materials such as alumina, molten aluminium, calcium, fluorides and sodium infiltrate the cathode lining and cause it to deteriorate. The aluminium reduction cell process results in the formation of reactive compounds of carbon and nitrogen that can react with water and give off explosive gases. Also, the carbon-nitrogen compounds in the forms of cyanides may be hazardous to human beings and the environment.

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Description of By-product Materials for Recovery

Both the anode carbon and cell lining material, in the form that they are recovered from the aluminium smelting process, are variable, both in size and in chemical composition. The size varies from large lumps of more than 500kg in weight to fine dust.

Figure 3 shows a carbon anode block that is not usable in aluminium smelting and is available for recovery as a rich source of low cost carbon, sodium and fluorine.

Figures 4 and 5 show by-product materials ready for recovery.

Figure 3 – Carbon Anode Block

Figure 4
Carbon Anode Material for Recovery

Figure 5
Cell Lining Material for Recovery

During the aluminium reduction process, chemical reactions result in the formation of various carbides, nitrides and cyanide within the pot linings (e.g. refractory lining, carbon cathode, carbon sidewalls). Indicative examples of the chemical reactions are:

- metals such as aluminium react with nitrogen to form nitrides e.g. $2Al + N_2 \rightarrow Al_2N_2$
- metal oxides also react with carbon to form carbides e.g. $2Al_2O_3 + 9C \rightarrow Al_4C_3 + 6CO$
- various carbon-nitrogen compounds are also produced in the forms of cyanides, in both simple and complex forms.

When the linings are removed from the pot, the material contains aluminium metal, sodium metal, carbides, nitrides and cyanides. The removed lining material readily absorbs atmospheric water (humidity), which reacts with these components. Typical chemical reactions of metals or chemical compounds with water that produce explosive gases are:

- aluminium metal to hydrogen $2Al + 2OH + 2H_2O \rightarrow 2AlO_2^- + 3H_2$
- aluminium carbide to methane $Al_4C_3 + 12H_2O \rightarrow 4Al(OH)_3 + 3CH_4$
- calcium carbide to acetylene $CaC_2 + 2H_2O \rightarrow Ca(OH)_2 + C_2H_2$
- Aluminium nitride to ammonia $Al_2N_2 + 6H_2O \rightarrow 2Al(OH)_3 + 2NH_3$.

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Table 1 – Range of Chemical Composition of Materials for Recovery by Regain

			Anode Carbon Material	Carbon Cell Lining	Refractory Cell Lining
Carbon		%	45 to 80	30 to 50	2 to 7
Silicon	as SiO_2	%	0 to 5	2 to 15	10 to 40
Iron	as Fe_2O_3	%	2 to 10	2 to 4	1 to 6
Aluminium	as Al_2O_3	%	10 to 25	10 to 30	15 to 30
Titanium	as TiO_2	%	0 to 2	0 to 2	0 to 2
Calcium	as CaO	%	0 to 2	1 to 5	1 to 5
Magnesium	as MgO	%	0 to 1	0 to 2	0.5 to 2.5
Sodium	as Na_2O	%	5 to 15	3 to 25	5 to 30
Potassium	as K_2O	%	0 to 1	0.2 to 1	0.5 to 1.5
Fluorine	Total	%	5 to 15	5 to 15	5 to 15
Cyanide		mg/kg		100 to 4,000	100 to 1,500
Fluoride – leachable		mg/L		500 to 3,600	300 to 3,000
Cyanide – leachable		mg/L	0 to 1	0.1 to 20	0.05 to 10

Processing of By-product Materials

Certain materials recovered from the aluminium smelting process are hazardous because of –

- health and environmental hazards due to the presence of cyanide formed as a result of the reaction of nitrogen from air with the carbon pot lining
- reactive compounds, aluminium metal and sodium metal that may combine with water to give off flammable gases such methane and hydrogen which presents a potential explosion hazard.

The materials are potentially valuable because of –

- the calorific value of the carbon
- fluorides and sodium which act as fluxes and mineralisers
- minerals such as alumina and silica that are usable by other industries.

The hazards in the material are eliminated by Regain as part of the material recovery at the aluminium smelter site prior to shipment of material or products manufactured using the recovered materials. Figure 6 shows a typical Regain processing plant at an aluminium smelter.

Figure 6
Regain Aluminium Smelter By-product Material Processing Plant

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Hazard Elimination and Product Manufacturing Process

Elimination of the explosive gas and cyanide hazards requires a chemical processes and technology that can handle the highly variable properties of the by-product materials. An overview of the Regain process for refining the smelter by-products and manufacturing new products that are not classified as waste materials is shown in Figure 7.

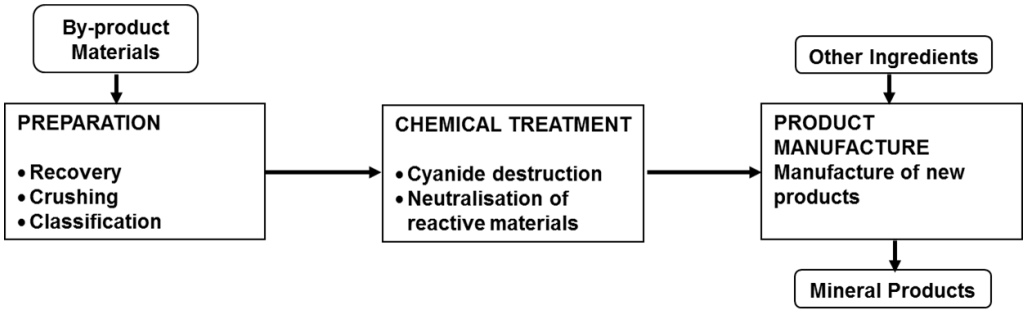

Figure 7 – Mineral Products from Refined Aluminium Smelter By-products – Process Flow

Preparation involves (a) recovery of material from storage or directly from pots, (b) primary segregation of aluminium metal, carbon materials and refractory materials, (c) sorting into like material streams and (d) crushing and size classification in preparation for further processing.

The cyanide and explosion hazards in the smelter by-products are eliminated through the Chemical Treatment process. Cyanide destruction is achieved by thermal oxidation i.e. heating the material in the presence of oxygen. Neutralisation of the reactive compounds and aluminium metal is achieved by using water to bring on the reactions that generate the explosive gases in a controlled environment in special apparatus such that no more gas can be generated. Indicative chemical reactions that take place in chemical treatment process are:

- Cyanide to carbon dioxide & nitrogen $C_2N_2 + 2O_2 \rightarrow 2\ CO_2 + N_2$
- Reaction with water, generating flammable gases as described on page 3
- Combustion of flammable and other gases - e.g.
  - hydrogen to water $2H_2 + O_2 \rightarrow 2H_20$
  - methane to carbon dioxide and water $CH_4 + 2O_2 \rightarrow CO_2 + 2H_2O$
  - acetylene to carbon dioxide and water $2C_2H_2 + 5O_2 \rightarrow 4CO_2 + 2H_2O$.

The Regain treatment process ensures that:

- cyanide levels are below levels that can harm humans or the environment
- the reactive compounds in by-product materials are neutralised and no more gas can be generated.

Mineral products with fluxing and mineralising properties are manufactured by processing the treated by-product materials and other ingredients. Small amounts of fluorine and sodium can have a significant effect in cement clinker and clay brick manufacture. Realisation of the potential value in the chemicals and minerals in the smelter by-product materials requires high quality products with homogeneous properties manufactured to tight specifications. These products can then be dosed into cement clinker plants and clay brick plants in a way that delivers predictable and reliable beneficial effects on process chemistry and reliable production outcome

The Regain process for elimination of hazards in aluminium smelter by-products and the manufacture of consistent high quality products which are safe to transport and use is the subject of patents in Australia, Canada, New Zealand, South Africa, United Arab Emirates and the United States of America. Products have been accepted by regulators and customers in Australia, China, Ecuador, El Salvador, Philippines and Thailand.

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Properties of Products Manufactured Using By-product Materials

The following tables provide information on the chemical composition of typical fuel and energy saving products manufactured by Regain using by-product materials recovered from aluminium smelters. Table 2 provides analysis of the main chemical constituents of Regain products. A trace element analysis is set out in table 3. Table 4 shows typical mineralogy based on x-ray diffraction (XRD) analysis.

Table 2 – Chemical Composition of Typical Cement Industry Products Manufactured by Regain

Description		Unit	Cement Clinker Mineralisation Products				Test Method
			HiCal-R	HiCal-S	HiCal 30	HiCal 40	
Carbon		%	2 to 7	4 to 9	30 to 35	40 to 45	Liebig technique to Australian Standard AS2434.6
Calorific Value		Mj/kg	n.a.	n.a.	>9	>12	Calorimeter to Australian Standard AS1038.5
Aluminium	as Al_2O_3	%	25 to 30	25 to 30	18 to 23	16 to 21	Inductively Coupled Plasma Spectroscopy (ICP/OES)
Calcium	as CaO	%	1 to 3	1 to 3	1 to 3	1 to 3	
Iron	as Fe_2O_3	%	2 to 6	6 to 11	2 to 7	2 to 7	
Potassium	as K_2O	%	0 to 2	0 to 2	0 to 1	0 to 1	
Silicon	as SiO_2	%	30 to 37	12 to 18	11 to 17	6 to 12	
Sodium	as Na_2O	%	18 to 23	24 to 29	15 to 20	14 to 19	
Sulphur	as SO_3	%	0 to 2	0 to 2	0 to 2	0 to 2	
Fluorine	total	%	8 to 12	10 to 14	8 to 12	8 to 12	Ion selective Electrode (ISE)
Cyanide	total	mg/kg	<60	<60	<60	<60	Spectrophotometry

Note that product analysis may vary depending on customer requirements and the specific details of specification agreed with individual customers.

Table 3 – Trace Element Analysis

Description		Unit	Amount	Test Method
Mercury	Hg	mg/kg	<0.2	Atomic Absorption Spectrometry (AAS) cold vapour generation
Antimony	Sb	mg/kg	<10	Inductively Coupled Plasma Spectroscopy (ICP-OES)
Arsenic	As	mg/kg	<50	
Barium	Ba	mg/kg	<10	
Beryllium	Be	mg/kg	<10	
Cadmium	Cd	mg/kg	<10	
Cobalt	Co	mg/kg	<50	
Chromium	Cr	mg/kg	<150	
Copper	Cu	mg/kg	<350	
Manganese	Mn	mg/kg	<1000	
Nickel	Ni	mg/kg	<500	
Lead	Pb	mg/kg	<100	
Selenium	Se	mg/kg	<5	
Tin	Sn	mg/kg	<20	
Thallium	Tl	mg/kg	<5	
Vanadium	V	mg/kg	<200	
Zinc	Zn	mg/kg	<100	

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Table 4 – Indicative Composition based on XRD Analysis

Phase			Carbon Lining	Refractory Lining
Beta-Alumina	$NaAl_{11}O_{17}$	%	2	5
Corundum	Al_2O_3	%	5	5
Cryolite	Na_3AlF_6	%	15	15
Villiaumite	NaF	%	15	15
Gibbsite	$Al(OH)_3$	%	4	2
Nepheline	$Na_3Al_4Si_4O_{16}$	%	1	15
Albite	$NaAlSi_3O_8$	%	not detectable	1
Quartz	SiO_2	%	1	3
Fluorite	CaF_2	%	2	2
Other crystalline		%	5	5
Amorphous		%	50	32

Note that the phases present in SPL vary substantially depending on pot lining technology and other factors. The results shown in this table represent an indication of the relative order of magnitude of selected phases typically present in SPL.

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Regain HiCal 30

Regain Services

Chemwatch Hazard Alert Code: **1**

Chemwatch: **4885-55**
Version No: **6.1.1.1**
Safety Data Sheet according to WHS and ADG requirements

Issue Date: **30/11/2016**
Print Date: **09/12/2016**
L.GHS.AUS.EN

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product Identifier

Product name	Regain HiCal 30
Synonyms	Not Available
Other means of identification	Not Available

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	Used as a raw material in the manufacture of clinker. Used according to manufacturers directions.

Details of the supplier of the safety data sheet

Registered company name	Regain Services
Address	G07-620 St. Kilda Road Melbourne VIC 3004 Australia
Telephone	+61 3 9514 8600
Fax	+61 3 9514 8642
Website	www.regain.com.au
Email	info@regain.com.au

Emergency telephone number

Association / Organisation	Not Available
Emergency telephone numbers	+61 3 9514 8600
Other emergency telephone numbers	+61 417 556 831

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

Poisons Schedule	S6
Classification	Not Applicable

Label elements

GHS label elements	Not Applicable

SIGNAL WORD	**NOT APPLICABLE**

Hazard statement(s)

Not Applicable

Precautionary statement(s) Prevention

Not Applicable

Continued...

Precautionary statement(s) Response

Not Applicable

Precautionary statement(s) Storage

Not Applicable

Precautionary statement(s) Disposal

Not Applicable

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substances

See section below for composition of Mixtures

Mixtures

CAS No	%[weight]	Name
7440-44-0	30-35	carbon, non-activated
1344-28-1.	17-22	aluminium oxide
7631-86-9	1-9	silica amorphous
1309-37-1	1-5	ferric oxide
1309-48-4.	<0.5	magnesium oxide
13463-67-7	<0.2	titanium dioxide
7789-75-5	1-10	calcium fluoride

SECTION 4 FIRST AID MEASURES

Description of first aid measures

Eye Contact	If this product comes in contact with the eyes: ▸ Wash out immediately with fresh running water. ▸ Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. ▸ Seek medical attention without delay; if pain persists or recurs seek medical attention. ▸ Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin Contact	If skin contact occurs: ▸ Immediately remove all contaminated clothing, including footwear. ▸ Flush skin and hair with running water (and soap if available). ▸ Seek medical attention in event of irritation.
Inhalation	▸ If dust is inhaled, remove from contaminated area. ▸ Encourage patient to blow nose to ensure clear passage of breathing. ▸ If irritation or discomfort persists seek medical attention.
Ingestion	▸ If swallowed do **NOT** induce vomiting. ▸ If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. ▸ Observe the patient carefully. ▸ Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. ▸ Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. ▸ Seek medical advice.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 FIREFIGHTING MEASURES

Extinguishing media

|||
Foam.
Dry chemical powder.
BCF (where regulations permit).
Carbon dioxide.

Special hazards arising from the substrate or mixture

Continued...

Fire Incompatibility	▸ Avoid reaction with oxidising agents

Advice for firefighters

Fire Fighting	▸ Alert Fire Brigade and tell them location and nature of hazard. ▸ Wear breathing apparatus plus protective gloves. ▸ Prevent, by any means available, spillage from entering drains or water courses. ▸ Use water delivered as a fine spray to control fire and cool adjacent area. ▸ **DO NOT** approach containers suspected to be hot. ▸ Cool fire exposed containers with water spray from a protected location. ▸ If safe to do so, remove containers from path of fire. ▸ Equipment should be thoroughly decontaminated after use.
Fire/Explosion Hazard	Combustible Decomposition may produce toxic fumes of: carbon monoxide (CO) carbon dioxide (CO2) fluorides Avoid creating dust - may present dust explosion hazard. Dry dust can be electrostatically charged by turbulence, pneumatic transport, pouring, in exhaust ducts and during transport. Build-up of electrostatic charge may be prevented by grounding.
HAZCHEM	Not Applicable

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

See section 8

Environmental precautions

See section 12

Methods and material for containment and cleaning up

Minor Spills	▸ Remove all ignition sources. ▸ Clean up all spills immediately. ▸ Avoid contact with skin and eyes. ▸ Control personal contact with the substance, by using protective equipment. ▸ Use dry clean up procedures and avoid generating dust. ▸ Place in a suitable, labelled container for waste disposal.
Major Spills	Remove all ignition sources. ▸ Clear area of personnel and move upwind. ▸ Alert Fire Brigade and tell them location and nature of hazard. ▸ Control personal contact with the substance, by using protective equipment and dust respirator. ▸ Prevent spillage from entering drains, sewers or water courses. ▸ Recover product wherever possible. Avoid generating dust. ▸ Sweep / shovel up. ▸ If required, wet with water to prevent dusting. ▸ Put residues in labelled plastic bags or other containers for disposal. ▸ Wash area down with large quantity of water and prevent runoff into drains. ▸ If contamination of drains or waterways occurs, advise emergency services.

Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

Safe handling	Remove all ignition sources. ▸ Limit all unnecessary personal contact. ▸ Wear protective clothing when risk of exposure occurs. ▸ Use in a well-ventilated area. ▸ Avoid contact with incompatible materials. ▸ When handling, **DO NOT** eat, drink or smoke. ▸ Keep containers securely sealed when not in use. ▸ Avoid physical damage to containers. ▸ Always wash hands with soap and water after handling. ▸ Work clothes should be laundered separately. ▸ Use good occupational work practice. ▸ Observe manufacturer's storage and handling recommendations contained within this SDS. ▸ Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions are maintained.

Continued...

Other information	▸ Keep dry. ▸ Store under cover. ▸ Store in a well ventilated area. ▸ Store away from sources of heat or ignition. ▸ Observe manufacturer's storage and handling recommendations contained within this SDS.

Conditions for safe storage, including any incompatibilities

Suitable container	▸ Check that containers are clearly labelled ▸ Packaging as recommended by manufacturer.
Storage incompatibility	Avoid storage with oxidisers

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

OCCUPATIONAL EXPOSURE LIMITS (OEL)

INGREDIENT DATA

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
Australia Exposure Standards	carbon, non-activated	Fume (thermally generated) (respirable dust)	2 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	aluminium oxide	Aluminium oxide	10 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	silica amorphous	Silica - Amorphous: Precipitated silica / Silica - Amorphous: Silica gel / Precipitated silica / Silica gel	10 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	silica amorphous	Silica - Amorphous: Diatomaceous earth (uncalcined) / Diatomaceous earth (uncalcined)	10 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	silica amorphous	Silica - Amorphous: Fume (thermally generated) (respirable dust)	2 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	silica amorphous	Silica - Amorphous: Fumed silica (respirable dust) / Fumed silica (respirable dust)	2 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	ferric oxide	Iron oxide fume (Fe2O3) (as Fe)	5 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	magnesium oxide	Magnesium oxide (fume)	10 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	titanium dioxide	Titanium dioxide	10 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	calcium fluoride	Fluorides (as F)	2.5 mg/m3	Not Available	Not Available	Not Available

EMERGENCY LIMITS

Ingredient	Material name	TEEL-1	TEEL-2	TEEL-3
carbon, non-activated	Carbon; (Graphite, synthetic)	6 mg/m3	16 mg/m3	95 mg/m3
aluminium oxide	Aluminum oxide; (Alumina)	5.7 mg/m3	15 mg/m3	25 mg/m3
silica amorphous	Silica gel, amorphous synthetic	18 mg/m3	200 mg/m3	1,200 mg/m3
silica amorphous	Silica, amorphous fumed	18 mg/m3	100 mg/m3	630 mg/m3
silica amorphous	Siloxanes and silicones, dimethyl, reaction products with silica; (Hydrophobic silicon dioxide, amorphous)	120 mg/m3	1,300 mg/m3	7,900 mg/m3
silica amorphous	Silica, amorphous fume	45 mg/m3	500 mg/m3	3,000 mg/m3
silica amorphous	Silica amorphous hydrated	18 mg/m3	220 mg/m3	1,300 mg/m3
ferric oxide	Iron oxide; (Ferric oxide)	15 mg/m3	360 mg/m3	2,200 mg/m3
magnesium oxide	Magnesium oxide	30 mg/m3	120 mg/m3	730 mg/m3
titanium dioxide	Titanium oxide; (Titanium dioxide)	30 mg/m3	330 mg/m3	2,000 mg/m3

Continued...

calcium fluoride	Calcium fluoride	15 mg/m3	170 mg/m3	1,000 mg/m3

Ingredient	Original IDLH	Revised IDLH
carbon, non-activated	Not Available	Not Available
aluminium oxide	Not Available	Not Available
silica amorphous	N.E. mg/m3 / N.E. ppm	3,000 mg/m3
ferric oxide	N.E. mg/m3 / N.E. ppm	2,500 mg/m3
magnesium oxide	N.E. mg/m3 / N.E. ppm	750 mg/m3
titanium dioxide	N.E. mg/m3 / N.E. ppm	5,000 mg/m3
calcium fluoride	500 mg/m3	250 mg/m3

MATERIAL DATA

None assigned. Refer to individual constituents.

Exposure controls

Appropriate engineering controls

Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.
The basic types of engineering controls are:
Process controls which involve changing the way a job activity or process is done to reduce the risk.
Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment. Ventilation can remove or dilute an air contaminant if designed properly. The design of a ventilation system must match the particular process and chemical or contaminant in use.
Employers may need to use multiple types of controls to prevent employee overexposure.

- Local exhaust ventilation is required where solids are handled as powders or crystals; even when particulates are relatively large, a certain proportion will be powdered by mutual friction.
- Exhaust ventilation should be designed to prevent accumulation and recirculation of particulates in the workplace.
- If in spite of local exhaust an adverse concentration of the substance in air could occur, respiratory protection should be considered. Such protection might consist of:

(a): particle dust respirators, if necessary, combined with an absorption cartridge;
(b): filter respirators with absorption cartridge or canister of the right type;
(c): fresh-air hoods or masks

- Build-up of electrostatic charge on the dust particle, may be prevented by bonding and grounding.
- Powder handling equipment such as dust collectors, dryers and mills may require additional protection measures such as explosion venting.

Air contaminants generated in the workplace possess varying "escape" velocities which, in turn, determine the "capture velocities" of fresh circulating air required to efficiently remove the contaminant.

Type of Contaminant:	Air Speed:
direct spray, spray painting in shallow booths, drum filling, conveyer loading, crusher dusts, gas discharge (active generation into zone of rapid air motion)	1-2.5 m/s (200-500 f/min.)
grinding, abrasive blasting, tumbling, high speed wheel generated dusts (released at high initial velocity into zone of very high rapid air motion).	2.5-10 m/s (500-2000 f/min.)

Within each range the appropriate value depends on:

Lower end of the range	Upper end of the range
1: Room air currents minimal or favourable to capture	1: Disturbing room air currents
2: Contaminants of low toxicity or of nuisance value only	2: Contaminants of high toxicity
3: Intermittent, low production.	3: High production, heavy use
4: Large hood or large air mass in motion	4: Small hood-local control only

Simple theory shows that air velocity falls rapidly with distance away from the opening of a simple extraction pipe. Velocity generally decreases with the square of distance from the extraction point (in simple cases). Therefore the air speed at the extraction point should be adjusted, accordingly, after reference to distance from the contaminating source. The air velocity at the extraction fan, for example, should be a minimum of 4-10 m/s (800-2000 f/min) for extraction of crusher dusts generated 2 metres distant from the extraction point. Other mechanical considerations, producing performance deficits within the extraction apparatus, make it essential that theoretical air velocities are multiplied by factors of 10 or more when extraction systems are installed or used.

Continued...

Personal protection	
Eye and face protection	▸ Safety glasses with side shields; or as required, ▸ Chemical goggles. ▸ Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly. [CDC NIOSH Current Intelligence Bulletin 59], [AS/NZS 1336 or national equivalent]
Skin protection	See Hand protection below
Hands/feet protection	The selection of suitable gloves does not only depend on the material, but also on further marks of quality which vary from manufacturer to manufacturer. Where the chemical is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. The exact break through time for substances has to be obtained from the manufacturer of the protective gloves and.has to be observed when making a final choice. Personal hygiene is a key element of effective hand care. Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. Application of a non-perfumed moisturizer is recommended. Suitability and durability of glove type is dependent on usage. Important factors in the selection of gloves include: · frequency and duration of contact, · chemical resistance of glove material, · glove thickness and · dexterity Select gloves tested to a relevant standard (e.g. Europe EN 374, US F739, AS/NZS 2161.1 or national equivalent). · When prolonged or frequently repeated contact may occur, a glove with a protection class of 5 or higher (breakthrough time greater than 240 minutes according to EN 374, AS/NZS 2161.10.1 or national equivalent) is recommended. · When only brief contact is expected, a glove with a protection class of 3 or higher (breakthrough time greater than 60 minutes according to EN 374, AS/NZS 2161.10.1 or national equivalent) is recommended. · Some glove polymer types are less affected by movement and this should be taken into account when considering gloves for long-term use. · Contaminated gloves should be replaced. For general applications, gloves with a thickness typically greater than 0.35 mm, are recommended. It should be emphasised that glove thickness is not necessarily a good predictor of glove resistance to a specific chemical, as the permeation efficiency of the glove will be dependent on the exact composition of the glove material. Therefore, glove selection should also be based on consideration of the task requirements and knowledge of breakthrough times. Glove thickness may also vary depending on the glove manufacturer, the glove type and the glove model. Therefore, the manufacturers' technical data should always be taken into account to ensure selection of the most appropriate glove for the task. Note: Depending on the activity being conducted, gloves of varying thickness may be required for specific tasks. For example: · Thinner gloves (down to 0.1 mm or less) may be required where a high degree of manual dexterity is needed. However, these gloves are only likely to give short duration protection and would normally be just for single use applications, then disposed of. · Thicker gloves (up to 3 mm or more) may be required where there is a mechanical (as well as a chemical) risk i.e. where there is abrasion or puncture potential Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. Application of a non-perfumed moisturiser is recommended. Wear safety footwear.
Body protection	See Other protection below
Other protection	▸ Overalls. ▸ Eyewash unit.
Thermal hazards	Not Available

Respiratory protection

Particulate. (AS/NZS 1716 & 1715, EN 143:000 & 149:001, ANSI Z88 or national equivalent)

Where the concentration of gas/particulates in the breathing zone, approaches or exceeds the "Exposure Standard" (or ES), respiratory protection is required.
Degree of protection varies with both face-piece and Class of filter; the nature of protection varies with Type of filter.

Required Minimum Protection Factor	Half-Face Respirator	Full-Face Respirator	Powered Air Respirator
up to 10 x ES	-AUS P2	-	-PAPR-AUS / Class 1 P2
up to 50 x ES	-	-AUS / Class 1 P2	-

Continued...

up to 100 x ES	-	-2 P2	-PAPR-2 P2 ^

^ - Full-face
A(All classes) = Organic vapours, B AUS or B1 = Acid gasses, B2 = Acid gas or hydrogen cyanide(HCN), B3 = Acid gas or hydrogen cyanide(HCN), E = Sulfur dioxide(SO2), G = Agricultural chemicals, K = Ammonia(NH3), Hg = Mercury, NO = Oxides of nitrogen, MB = Methyl bromide, AX = Low boiling point organic compounds(below 65 degC)

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Black divided solid, can emit ammonia odour.|Slightly soluble in water.

Physical state	Divided Solid	**Relative density (Water = 1)**	Not Available
Odour	Not Available	**Partition coefficient n-octanol / water**	Not Available
Odour threshold	Not Available	**Auto-ignition temperature (°C)**	Not Applicable
pH (as supplied)	Not Applicable	**Decomposition temperature**	Not available.
Melting point / freezing point (°C)	Not Available	**Viscosity (cSt)**	Not Applicable
Initial boiling point and boiling range (°C)	Not Available	**Molecular weight (g/mol)**	Not Applicable
Flash point (°C)	Not Applicable	**Taste**	Not Available
Evaporation rate	Not Applicable	**Explosive properties**	Not Available
Flammability	Not Applicable	**Oxidising properties**	Not Available
Upper Explosive Limit (%)	Not available.	**Surface Tension (dyn/cm or mN/m)**	Not Applicable
Lower Explosive Limit (%)	Not available.	**Volatile Component (%vol)**	Not Applicable
Vapour pressure (kPa)	Not Applicable	**Gas group**	Not Available
Solubility in water (g/L)	Partly miscible	**pH as a solution (1%)**	Not Available
Vapour density (Air = 1)	Not Applicable	**VOC g/L**	Not Available

SECTION 10 STABILITY AND REACTIVITY

Reactivity	See section 7
Chemical stability	▸ Unstable in the presence of incompatible materials. ▸ Product is considered stable. ▸ Hazardous polymerisation will not occur.
Possibility of hazardous reactions	See section 7
Conditions to avoid	See section 7
Incompatible materials	See section 7
Hazardous decomposition products	See section 5

SECTION 11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

Inhaled	The dust may be discomforting Persons with impaired respiratory function, airway diseases and conditions such as emphysema or chronic bronchitis, may incur further disability if excessive concentrations of particulate are inhaled. If prior damage to the circulatory or nervous systems has occurred or if kidney damage has been sustained, proper screenings should be conducted on individuals who may be exposed to further risk if handling and use of the material result in excessive exposures.

Continued...

	Acute effects of fluoride inhalation include irritation of nose and throat, coughing and chest discomfort. Even brief exposure to high concentrations of inorganic fluoride may cause sore throat, chest pains, pulmonary oedema,and in rare cases irreparable damage to the lungs, and death A single acute over-exposure may cause nose bleed. Pre-existing respiratory conditions such as emphysema, bronchitis may be aggravated by exposure. Occupational asthma may result from exposure.
Ingestion	The material has **NOT** been classified by EC Directives or other classification systems as "harmful by ingestion". This is because of the lack of corroborating animal or human evidence. The material may still be damaging to the health of the individual, following ingestion, especially where pre-existing organ (e.g liver, kidney) damage is evident. Present definitions of harmful or toxic substances are generally based on doses producing mortality rather than those producing morbidity (disease, ill-health). Gastrointestinal tract discomfort may produce nausea and vomiting. In an occupational setting however, ingestion of insignificant quantities is not thought to be cause for concern.
Skin Contact	The material may cause skin irritation after prolonged or repeated exposure and may produce a contact dermatitis (nonallergic). This form of dermatitis is often characterised by skin redness (erythema) and swelling epidermis. Histologically there may be intercellular oedema of the spongy layer (spongiosis) and intracellular oedema of the epidermis.
Eye	The material may be irritating to the eye, with prolonged contact causing inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.
Chronic	Principal routes of exposure are by accidental skin and eye contact and inhalation of generated dusts. Long term exposure to high dust concentrations may cause changes in lung function (i.e. pneumoconiosis) caused by particles less than 0.5 micron penetrating and remaining in the lung. A prime symptom is breathlessness. Lung shadows show on X-ray.

Regain HiCal 30	**TOXICITY**	**IRRITATION**
	Not Available	Not Available
carbon, non-activated	**TOXICITY**	**IRRITATION**
	Not Available	Not Available
aluminium oxide	**TOXICITY**	**IRRITATION**
	Oral (rat) LD50: >2000 mg/kg[1]	Not Available
silica amorphous	**TOXICITY**	**IRRITATION**
	Dermal (rabbit) LD50: >2000 mg/kg[1]	Eye (rabbit): non-irritating *
	Inhalation (rat) LC50: >0.139 mg/l/14hr *[2]	Skin (rabbit): non-irritating *
	Oral (rat) LD50: 3160 mg/kg[2]	
ferric oxide	**TOXICITY**	**IRRITATION**
	Oral (rat) LD50: >5000 mg/kg[1]	Not Available
magnesium oxide	**TOXICITY**	**IRRITATION**
	Not Available	Not Available
titanium dioxide	**TOXICITY**	**IRRITATION**
	Inhalation (rat) LC50: >2.28 mg/l/4hr[1]	Skin (human): 0.3 mg /3D (int)-mild *
	Inhalation (rat) LC50: >3.56 mg/l/4hr[1]	
	Inhalation (rat) LC50: >6.82 mg/l/4hr[1]	
	Inhalation (rat) LC50: 3.43 mg/l/4hr[1]	
	Inhalation (rat) LC50: 5.09 mg/l/4hr[1]	
	Oral (rat) LD50: >2000 mg/kg[1]	
calcium fluoride	**TOXICITY**	**IRRITATION**
	Oral (rat) LD50: 4250 mg/kg[2]	Not Available
Legend:	*1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2.* Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances*	

CARBON, NON-ACTIVATED	Substance has been investigated as a reproductive effector.

Continued...

ALUMINIUM OXIDE	No significant acute toxicological data identified in literature search.
SILICA AMORPHOUS	For silica amorphous: When experimental animals inhale synthetic amorphous silica (SAS) dust, it dissolves in the lung fluid and is rapidly eliminated. If swallowed, the vast majority of SAS is excreted in the faeces and there is little accumulation in the body. Following absorption across the gut, SAS is eliminated via urine without modification in animals and humans. SAS is not expected to be broken down (metabolised) in mammals. After ingestion, there is limited accumulation of SAS in body tissues and rapid elimination occurs. Intestinal absorption has not been calculated, but appears to be insignificant in animals and humans. SASs injected subcutaneously are subjected to rapid dissolution and removal. There is no indication of metabolism of SAS in animals or humans based on chemical structure and available data. In contrast to crystalline silica, SAS is soluble in physiological media and the soluble chemical species that are formed are eliminated via the urinary tract without modification. Both the mammalian and environmental toxicology of SASs are significantly influenced by the physical and chemical properties, particularly those of solubility and particle size. SAS has no acute intrinsic toxicity by inhalation. Adverse effects, including suffocation, that have been reported were caused by the presence of high numbers of respirable particles generated to meet the required test atmosphere. These results are not representative of exposure to commercial SASs and should not be used for human risk assessment. Though repeated exposure of the skin may cause dryness and cracking, SAS is not a skin or eye irritant, and it is not a sensitiser. Repeated-dose and chronic toxicity studies confirm the absence of toxicity when SAS is swallowed or upon skin contact. Long-term inhalation of SAS caused some adverse effects in animals (increases in lung inflammation, cell injury and lung collagen content), all of which subsided after exposure. Numerous repeated-dose, subchronic and chronic inhalation toxicity studies have been conducted with SAS in a number of species, at airborne concentrations ranging from 0.5 mg/m3 to 150 mg/m3. Lowest-observed adverse effect levels (LOAELs) were typically in the range of 1 to 50 mg/m3. When available, the no-observed adverse effect levels (NOAELs) were between 0.5 and 10 mg/m3. The difference in values may be explained by different particle size, and therefore the number of particles administered per unit dose. In general, as particle size decreases so does the NOAEL/LOAEL. Neither inhalation nor oral administration caused neoplasms (tumours). SAS is not mutagenic in vitro. No genotoxicity was detected in in vivo assays. SAS does not impair development of the foetus. Fertility was not specifically studied, but the reproductive organs in long-term studies were not affected. In humans, SAS is essentially non-toxic by mouth, skin or eyes, and by inhalation. Epidemiology studies show little evidence of adverse health effects due to SAS. Repeated exposure (without personal protection) may cause mechanical irritation of the eye and drying/cracking of the skin. There is no evidence of cancer or other long-term respiratory health effects (for example, silicosis) in workers employed in the manufacture of SAS. Respiratory symptoms in SAS workers have been shown to correlate with smoking but not with SAS exposure, while serial pulmonary function values and chest radiographs are not adversely affected by long-term exposure to SAS. The substance is classified by IARC as Group 3: **NOT** classifiable as to its carcinogenicity to humans. Evidence of carcinogenicity may be inadequate or limited in animal testing. Reports indicate high/prolonged exposures to amorphous silicas induced lung fibrosis in experimental animals; in some experiments these effects were reversible. [PATTYS]
MAGNESIUM OXIDE	The following information refers to contact allergens as a group and may not be specific to this product. Contact allergies quickly manifest themselves as contact eczema, more rarely as urticaria or Quincke's oedema. The pathogenesis of contact eczema involves a cell-mediated (T lymphocytes) immune reaction of the delayed type. Other allergic skin reactions, e.g. contact urticaria, involve antibody-mediated immune reactions. The significance of the contact allergen is not simply determined by its sensitisation potential: the distribution of the substance and the opportunities for contact with it are equally important. A weakly sensitising substance which is widely distributed can be a more important allergen than one with stronger sensitising potential with which few individuals come into contact. From a clinical point of view, substances are noteworthy if they produce an allergic test reaction in more than 1% of the persons tested.
TITANIUM DIOXIDE	The material may produce moderate eye irritation leading to inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis. The material may cause skin irritation after prolonged or repeated exposure and may produce a contact dermatitis (nonallergic). This form of dermatitis is often characterised by skin redness (erythema) and swelling epidermis. Histologically there may be intercellular oedema of the spongy layer (spongiosis) and intracellular oedema of the epidermis. For titanium dioxide: Humans can be exposed to titanium dioxide via inhalation, ingestion or dermal contact. In human lungs, the clearance kinetics of titanium dioxide is poorly characterized relative to that in experimental animals. (General particle characteristics and host factors that are considered to affect deposition and retention patterns of inhaled, poorly soluble particles such as titanium dioxide are summarized in the monograph on carbon black.) With regard to inhaled titanium dioxide, human data are mainly available from case reports that showed deposits of titanium dioxide in lung tissue as well as in lymph nodes. A single clinical study of oral ingestion of fine titanium dioxide showed particle size-dependent absorption by the gastrointestinal tract and large interindividual variations in blood levels of titanium dioxide. Studies on the application of sunscreens containing ultrafine titanium dioxide to healthy skin of human volunteers revealed that titanium dioxide particles only penetrate into the outermost layers of the stratum corneum, suggesting that healthy skin is an effective barrier to titanium dioxide. There are no studies on penetration of titanium dioxide in compromised skin. Respiratory effects that have been observed among groups of titanium dioxide-exposed workers include decline in lung function, pleural disease with plaques and pleural thickening, and mild fibrotic changes. However, the workers in these studies were also exposed to asbestos and/or silica. No data were available on genotoxic effects in titanium dioxide-exposed humans. Many data on deposition, retention and clearance of titanium dioxide in experimental animals are available for the inhalation route. Titanium dioxide inhalation studies showed differences — both for normalized pulmonary burden (deposited mass per dry lung, mass per body weight) and clearance kinetics — among rodent species including rats of different size, age and

Continued...

	strain. Clearance of titanium dioxide is also affected by pre-exposure to gaseous pollutants or co-exposure to cytotoxic aerosols. Differences in dose rate or clearance kinetics and the appearance of focal areas of high particle burden have been implicated in the higher toxic and inflammatory lung responses to intratracheally instilled vs inhaled titanium dioxide particles. Experimental studies with titanium dioxide have demonstrated that rodents experience dose-dependent impairment of alveolar macrophage-mediated clearance. Hamsters have the most efficient clearance of inhaled titanium dioxide. Ultrafine primary particles of titanium dioxide are more slowly cleared than their fine counterparts. Titanium dioxide causes varying degrees of inflammation and associated pulmonary effects including lung epithelial cell injury, cholesterol granulomas and fibrosis. Rodents experience stronger pulmonary effects after exposure to ultrafine titanium dioxide particles compared with fine particles on a mass basis. These differences are related to lung burden in terms of particle surface area, and are considered to result from impaired phagocytosis and sequestration of ultrafine particles into the interstitium. Fine titanium dioxide particles show minimal cytotoxicity to and inflammatory/pro-fibrotic mediator release from primary human alveolar macrophages in vitro compared with other particles. Ultrafine titanium dioxide particles inhibit phagocytosis of alveolar macrophages in vitro at mass dose concentrations at which this effect does not occur with fine titanium dioxide. In-vitro studies with fine and ultrafine titanium dioxide and purified DNA show induction of DNA damage that is suggestive of the generation of reactive oxygen species by both particle types. This effect is stronger for ultrafine than for fine titanium oxide, and is markedly enhanced by exposure to simulated sunlight/ultraviolet light. **Animal carcinogenicity data** Pigmentary and ultrafine titanium dioxide were tested for carcinogenicity by oral administration in mice and rats, by inhalation in rats and female mice, by intratracheal administration in hamsters and female rats and mice, by subcutaneous injection in rats and by intraperitoneal administration in male mice and female rats. In one inhalation study, the incidence of benign and malignant lung tumours was increased in female rats. In another inhalation study, the incidences of lung adenomas were increased in the high-dose groups of male and female rats. Cystic keratinizing lesions that were diagnosed as squamous-cell carcinomas but re-evaluated as non-neoplastic pulmonary keratinizing cysts were also observed in the high-dose groups of female rats. Two inhalation studies in rats and one in female mice were negative. Intratracheally instilled female rats showed an increased incidence of both benign and malignant lung tumours following treatment with two types of titanium dioxide. Tumour incidence was not increased in intratracheally instilled hamsters and female mice. In-vivo studies have shown enhanced micronucleus formation in bone marrow and peripheral blood lymphocytes of intraperitoneally instilled mice. Increased Hprt mutations were seen in lung epithelial cells isolated from titanium dioxide-instilled rats. In another study, no enhanced oxidative DNA damage was observed in lung tissues of rats that were intratracheally instilled with titanium dioxide. The results of most in-vitro genotoxicity studies with titanium dioxide were negative. **WARNING:** This substance has been classified by the IARC as Group 2B: Possibly Carcinogenic to Humans. * IUCLID
FERRIC OXIDE & MAGNESIUM OXIDE & CALCIUM FLUORIDE	Asthma-like symptoms may continue for months or even years after exposure to the material ceases. This may be due to a non-allergenic condition known as reactive airways dysfunction syndrome (RADS) which can occur following exposure to high levels of highly irritating compound. Key criteria for the diagnosis of RADS include the absence of preceding respiratory disease, in a non-atopic individual, with abrupt onset of persistent asthma-like symptoms within minutes to hours of a documented exposure to the irritant. A reversible airflow pattern, on spirometry, with the presence of moderate to severe bronchial hyperreactivity on methacholine challenge testing and the lack of minimal lymphocytic inflammation, without eosinophilia, have also been included in the criteria for diagnosis of RADS. RADS (or asthma) following an irritating inhalation is an infrequent disorder with rates related to the concentration of and duration of exposure to the irritating substance. Industrial bronchitis, on the other hand, is a disorder that occurs as result of exposure due to high concentrations of irritating substance (often particulate in nature) and is completely reversible after exposure ceases. The disorder is characterised by dyspnea, cough and mucus production.

Acute Toxicity	⊘	**Carcinogenicity**	⊘
Skin Irritation/Corrosion	⊘	**Reproductivity**	⊘
Serious Eye Damage/Irritation	⊘	**STOT - Single Exposure**	⊘
Respiratory or Skin sensitisation	⊘	**STOT - Repeated Exposure**	⊘
Mutagenicity	⊘	**Aspiration Hazard**	⊘

Legend: ✗ *– Data available but does not fill the criteria for classification*
✓ *– Data required to make classification available*
⊘ *– Data Not Available to make classification*

SECTION 12 ECOLOGICAL INFORMATION

Toxicity

Ingredient	Endpoint	Test Duration (hr)	Species	Value	Source
aluminium oxide	LC50	96	Fish	0.0029mg/L	2

Continued...

aluminium oxide	EC50	48	Crustacea	0.7364mg/L	2
aluminium oxide	EC50	96	Algae or other aquatic plants	0.0054mg/L	2
aluminium oxide	EC50	168	Crustacea	0.0076mg/L	2
aluminium oxide	NOEC	72	Algae or other aquatic plants	>=0.004mg/L	2
silica amorphous	LC50	96	Fish	120.743mg/L	3
silica amorphous	EC50	48	Crustacea	ca.7600mg/L	1
silica amorphous	EC50	72	Algae or other aquatic plants	440mg/L	1
silica amorphous	EC50	384	Crustacea	28.000mg/L	3
silica amorphous	NOEC	72	Algae or other aquatic plants	60mg/L	1
ferric oxide	LC50	96	Fish	0.05mg/L	2
ferric oxide	EC50	72	Algae or other aquatic plants	18mg/L	2
ferric oxide	EC50	504	Crustacea	4.49mg/L	2
ferric oxide	NOEC	504	Fish	0.52mg/L	2
titanium dioxide	LC50	96	Fish	9.214mg/L	3
titanium dioxide	EC50	48	Crustacea	>10mg/L	2
titanium dioxide	EC50	72	Algae or other aquatic plants	5.83mg/L	4
titanium dioxide	EC20	72	Algae or other aquatic plants	1.81mg/L	4
titanium dioxide	NOEC	336	Fish	0.089mg/L	4
calcium fluoride	LC50	96	Fish	51mg/L	2
calcium fluoride	EC50	96	Crustacea	26-48mg/L	2
calcium fluoride	NOEC	504	Fish	4mg/L	2
Legend:	*Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 3. EPIWIN Suite V3.12 - Aquatic Toxicity Data (Estimated) 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) - Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data*				

|
DO NOT discharge into sewer or waterways.
Not a Marine Pollutant.

Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
silica amorphous	LOW	LOW
titanium dioxide	HIGH	HIGH

Bioaccumulative potential

Ingredient	Bioaccumulation
silica amorphous	LOW (LogKOW = 0.5294)
titanium dioxide	LOW (BCF = 10)

Mobility in soil

Ingredient	Mobility
silica amorphous	LOW (KOC = 23.74)
titanium dioxide	LOW (KOC = 23.74)

SECTION 13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Product / Packaging disposal	▸ Recycle wherever possible or consult manufacturer for recycling options. ▸ Consult State Land Waste Management Authority for disposal. ▸ Bury residue in an authorised landfill. ▸ Recycle containers if possible, or dispose of in an authorised landfill.

SECTION 14 TRANSPORT INFORMATION

Continued...

Labels Required

Marine Pollutant	NO
HAZCHEM	Not Applicable

Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

SECTION 15 REGULATORY INFORMATION

Safety, health and environmental regulations / legislation specific for the substance or mixture

CARBON, NON-ACTIVATED(7440-44-0) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Inventory of Chemical Substances (AICS)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs
International Air Transport Association (IATA) Dangerous Goods Regulations - Prohibited List Passenger and Cargo Aircraft

ALUMINIUM OXIDE(1344-28-1.) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Inventory of Chemical Substances (AICS)

SILICA AMORPHOUS(7631-86-9) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Hazardous Substances Information System - Consolidated Lists
Australia Inventory of Chemical Substances (AICS)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

FERRIC OXIDE(1309-37-1) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Hazardous Substances Information System - Consolidated Lists
Australia Inventory of Chemical Substances (AICS)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

MAGNESIUM OXIDE(1309-48-4.) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Hazardous Substances Information System - Consolidated Lists
Australia Inventory of Chemical Substances (AICS)

TITANIUM DIOXIDE(13463-67-7) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Inventory of Chemical Substances (AICS)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

CALCIUM FLUORIDE(7789-75-5) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Inventory of Chemical Substances (AICS)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

National Inventory	Status
Australia - AICS	Y
Canada - DSL	Y
Canada - NDSL	N (aluminium oxide; magnesium oxide; carbon, non-activated; ferric oxide)
China - IECSC	Y
Europe - EINEC / ELINCS / NLP	Y
Japan - ENCS	N (carbon, non-activated)
Korea - KECI	Y
New Zealand - NZIoC	Y
Philippines - PICCS	Y
USA - TSCA	Y
Legend:	*Y = All ingredients are on the inventory* *N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing(see specific ingredients*

Continued...

	in brackets)

SECTION 16 OTHER INFORMATION

Other information

Ingredients with multiple cas numbers

Name	CAS No
carbon, non-activated	7440-44-0, 82600-58-6
silica amorphous	7631-86-9, 112945-52-5, 67762-90-7, 68611-44-9, 68909-20-6, 112926-00-8, 61790-53-2, 60676-86-0, 91053-39-3, 69012-64-2, 844491-94-7
titanium dioxide	13463-67-7, 1317-70-0, 1317-80-2, 12188-41-9, 1309-63-3, 100292-32-8, 101239-53-6, 116788-85-3, 12000-59-8, 12701-76-7, 12767-65-6, 12789-63-8, 1344-29-2, 185323-71-1, 185828-91-5, 188357-76-8, 188357-79-1, 195740-11-5, 221548-98-7, 224963-00-2, 246178-32-5, 252962-41-7, 37230-92-5, 37230-94-7, 37230-95-8, 37230-96-9, 39320-58-6, 39360-64-0, 39379-02-7, 416845-43-7, 494848-07-6, 494848-23-6, 494851-77-3, 494851-98-8, 55068-84-3, 55068-85-4, 552316-51-5, 62338-64-1, 767341-00-4, 97929-50-5, 98084-96-9
calcium fluoride	7789-75-5, 14542-23-5

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.
A list of reference resources used to assist the committee may be found at:
www.chemwatch.net
The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

Definitions and abbreviations

PC—TWA: Permissible Concentration-Time Weighted Average
PC—STEL: Permissible Concentration-Short Term Exposure Limit
IARC: International Agency for Research on Cancer
ACGIH: American Conference of Governmental Industrial Hygienists
STEL: Short Term Exposure Limit
TEEL: Temporary Emergency Exposure Limit。
IDLH: Immediately Dangerous to Life or Health Concentrations
OSF: Odour Safety Factor
NOAEL :No Observed Adverse Effect Level
LOAEL: Lowest Observed Adverse Effect Level
TLV: Threshold Limit Value
LOD: Limit Of Detection
OTV: Odour Threshold Value
BCF: BioConcentration Factors
BEI: Biological Exposure Index

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TEL (+61 3) 9572 4700.

Regain HiCal-R

Regain Services

Chemwatch Hazard Alert Code: **2**

Chemwatch: **4885-56**
Version No: **4.1.1.1**
Material Safety Data Sheet according to NOHSC and ADG requirements

Issue Date: **29/10/2015**
Print Date: **29/10/2015**
S.Local.AUS.EN

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product Identifier

Product name	Regain HiCal-R
Other means of identification	Not Available

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	Used as a raw material in manufacture of clinker.

Details of the supplier of the safety data sheet

Registered company name	Regain Services
Address	G07-620 St. Kilda Road Melbourne 3004 VIC Australia
Telephone	+61 3 9514 8600
Fax	+61 3 9514 8642
Website	www.regain.com.au
Email	info@regain.com.au

Emergency telephone number

Association / Organisation	Not Available
Emergency telephone numbers	+61 3 9514 8600
Other emergency telephone numbers	+61 417 556 831

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. According to the Criteria of NOHSC, and the ADG Code.

Poisons Schedule	S6
Risk Phrases [1]	**R20** Harmful by inhalation. **R48/20** Harmful: danger of serious damage to health by prolonged exposure through inhalation.
Legend:	*1. Classified by Chemwatch; 2. Classification drawn from HSIS ; 3. Classification drawn from EC Directive 1272/2008 - Annex VI*

Relevant risk statements are found in section 2

Indication(s) of danger	Xn

SAFETY ADVICE

S02	Keep out of reach of children.
S13	Keep away from food, drink and animal feeding stuffs.
S22	Do not breathe dust.
S281	After contact with skin, wash immediately with detergent and plenty of water.
S35	This material and its container must be disposed of in a safe way.
S36	Wear suitable protective clothing.
S38	In case of insufficient ventilation, wear suitable respiratory equipment.
S40	To clean the floor and all objects contaminated by this material, use water and detergent.
S45	In case of accident or if you feel unwell IMMEDIATELY contact Doctor or Poisons Information Centre (show label if possible).
S46	If swallowed, seek medical advice immediately and show this container or label.

Continued...

S56	Dispose of this material and its container at hazardous or special waste collection point.

Other hazards

Ingestion may produce health damage*.

Cumulative effects may result following exposure*.

May produce discomfort of the eyes and skin*.

Limited evidence of a carcinogenic effect*.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substances

See section below for composition of Mixtures

Mixtures

CAS No	%[weight]	Name
87347-84-0	20-40	silica crystalline - quartz
1344-28-1.	10-30	aluminium oxide
Not Available	NotSpec.	fluorine in the form
17099-70-6	1-9	aluminium fluorosilicate
1309-37-1	1-5	ferric oxide
1309-48-4.	<1	magnesium oxide
98084-96-9	<1	titanium dioxide

SECTION 4 FIRST AID MEASURES

Description of first aid measures

Eye Contact	If this product comes in contact with the eyes: ▸ Wash out immediately with fresh running water. ▸ Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. ▸ Seek medical attention without delay; if pain persists or recurs seek medical attention. ▸ Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin Contact	If skin or hair contact occurs: ▸ Flush skin and hair with running water (and soap if available). ▸ Seek medical attention in event of irritation.
Inhalation	▸ If dust is inhaled, remove from contaminated area. ▸ Encourage patient to blow nose to ensure clear passage of breathing. ▸ If irritation or discomfort persists seek medical attention.
Ingestion	▸ If swallowed do **NOT** induce vomiting. ▸ If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. ▸ Observe the patient carefully. ▸ Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. ▸ Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. ▸ Seek medical advice.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 FIREFIGHTING MEASURES

Extinguishing media

▸ There is no restriction on the type of extinguisher which may be used.
▸ Use extinguishing media suitable for surrounding area.

Special hazards arising from the substrate or mixture

Fire Incompatibility	None known

Advice for firefighters

Fire Fighting	Alert Fire Brigade and tell them location and nature of hazard. Use fire fighting procedures suitable for surrounding area. Product is not combustible. No special firefighting procedures required.
Fire/Explosion Hazard	▸ Non combustible. ▸ Not considered a significant fire risk, however containers may burn.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Minor Spills	▸ Clean up all spills immediately. ▸ Avoid contact with skin and eyes.

Continued...

	▸ Wear protective clothing, gloves, safety glasses and dust respirator. ▸ Use dry clean up procedures and avoid generating dust. ▸ Sweep up or ▸ Vacuum up (consider explosion-proof machines designed to be grounded during storage and use). ▸ Place in clean drum then flush area with water.
Major Spills	▸ Clear area of personnel and move upwind. ▸ Alert Fire Brigade and tell them location and nature of hazard. ▸ Control personal contact with the substance, by using protective equipment and dust respirator. ▸ Prevent spillage from entering drains, sewers or water courses. ▸ Recover product wherever possible. Avoid generating dust. ▸ Sweep / shovel up.

Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

Safe handling	▸ Limit all unnecessary personal contact. ▸ Wear protective clothing when risk of exposure occurs. ▸ Use in a well-ventilated area. ▸ Avoid contact with incompatible materials. ▸ When handling, **DO NOT** eat, drink or smoke. ▸ Keep containers securely sealed when not in use. ▸ Avoid physical damage to containers.
Other information	▸ Keep dry. ▸ Store under cover. ▸ Protect containers against physical damage. ▸ Observe manufacturer's storage and handling recommendations contained within this SDS.

Conditions for safe storage, including any incompatibilities

Suitable container	▸ Check that containers are clearly labelled ▸ Packaging as recommended by manufacturer.
Storage incompatibility	Segregate from acids and hydrogen fluoride

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

OCCUPATIONAL EXPOSURE LIMITS (OEL)

INGREDIENT DATA

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
Australia Exposure Standards	silica crystalline - quartz	Silica - Crystalline Quartz (respirable dust) / Quartz (respirable dust)	0.1 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	aluminium oxide	a-Alumina (Al2O3) / Aluminium oxide	10 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	aluminium fluorosilicate	Aluminium, soluble salts (as Al)	2 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	ferric oxide	Iron oxide fume (Fe2O3) (as Fe)	5 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	magnesium oxide	Magnesium oxide (fume)	10 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	titanium dioxide	Titanium dioxide	10 mg/m3	Not Available	Not Available	Not Available

EMERGENCY LIMITS

Ingredient	Material name	TEEL-1	TEEL-2	TEEL-3
silica crystalline - quartz	Silica, crystalline-quartz; (Silicon dioxide)	0.025 mg/m3	0.025 mg/m3	0.025 mg/m3
aluminium oxide	Aluminum oxide; (Alumina)	1.5 mg/m3	15 mg/m3	25 mg/m3
aluminium fluorosilicate	Aluminum hexafluorosilicate	11 mg/m3	120 mg/m3	700 mg/m3
ferric oxide	Iron oxide; (Ferric oxide)	15 mg/m3	360 mg/m3	2200 mg/m3
magnesium oxide	Magnesium oxide	22 mg/m3	22 mg/m3	130 mg/m3
titanium dioxide	Titanium oxide; (Titanium dioxide)	10 mg/m3	10 mg/m3	10 mg/m3

Ingredient	Original IDLH	Revised IDLH

Continued...

silica crystalline - quartz	N.E. mg/m3 / N.E. ppm	50 mg/m3
aluminium oxide	Not Available	Not Available
fluorine in the form	Not Available	Not Available
aluminium fluorosilicate	500 mg/m3	250 mg/m3
ferric oxide	N.E. mg/m3 / N.E. ppm	2,500 mg/m3
magnesium oxide	N.E. mg/m3 / N.E. ppm	750 mg/m3
titanium dioxide	N.E. mg/m3 / N.E. ppm	5,000 mg/m3

Exposure controls

Appropriate engineering controls	Use in a well-ventilated area Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection. The basic types of engineering controls are: Process controls which involve changing the way a job activity or process is done to reduce the risk. Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment. Ventilation can remove or dilute an air contaminant if designed properly. The design of a ventilation system must match the particular process and chemical or contaminant in use. Employers may need to use multiple types of controls to prevent employee overexposure. In confined spaces where there is inadequate ventilation, wear full-face air supplied breathing apparatus
Personal protection	
Eye and face protection	▸ Safety glasses with side shields; or as required, ▸ Chemical goggles. ▸ Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly.
Skin protection	See Hand protection below
Hands/feet protection	Wear general protective gloves: i.e. Disposable polythene gloves or Cotton gloves or Light weight rubber gloves, with Barrier cream preferably Safety footwear.
Body protection	See Other protection below
Other protection	▸ Overalls. ▸ Eyewash unit.
Thermal hazards	Not Available

Respiratory protection

Particulate. (AS/NZS 1716 & 1715, EN 143:000 & 149:001, ANSI Z88 or national equivalent)

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Odourless grey aggregate ranging in size up to 20mm. Slightly soluble in water. Very slightly soluble in strong alkali.

Physical state	divided	**Relative density (Water = 1)**	3.0-3.2
Odour	Not Available	**Partition coefficient n-octanol / water**	Not Available
Odour threshold	Not Available	**Auto-ignition temperature (°C)**	Not Applicable
pH (as supplied)	Not Applicable	**Decomposition temperature**	Not available.
Melting point / freezing point (°C)	>1400	**Viscosity (cSt)**	Not Applicable
Initial boiling point and boiling range (°C)	Not Available	**Molecular weight (g/mol)**	Not Available
Flash point (°C)	Not Applicable	**Taste**	Not Available
Evaporation rate	Not Applicable	**Explosive properties**	Not Available
Flammability	Not Applicable	**Oxidising properties**	Not Available
Upper Explosive Limit (%)	Not Applicable	**Surface Tension (dyn/cm or mN/m)**	Not Available
Lower Explosive Limit (%)	Not Applicable	**Volatile Component (%vol)**	Not Applicable
Vapour pressure (kPa)	Not Applicable	**Gas group**	Not Available
Solubility in water (g/L)	Partly Miscible	**pH as a solution (1%)**	Not Applicable
Vapour density (Air = 1)	Not Applicable	**VOC g/L**	Not Available

SECTION 10 STABILITY AND REACTIVITY

Continued...

Reactivity	See section 7
Chemical stability	▸ Unstable in the presence of incompatible materials. ▸ Product is considered stable. ▸ Hazardous polymerisation will not occur.
Possibility of hazardous reactions	See section 7
Conditions to avoid	See section 7
Incompatible materials	See section 7
Hazardous decomposition products	See section 5

SECTION 11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

Inhaled	The dust may be discomforting Persons with impaired respiratory function, airway diseases and conditions such as emphysema or chronic bronchitis, may incur further disability if excessive concentrations of particulate are inhaled. If prior damage to the circulatory or nervous systems has occurred or if kidney damage has been sustained, proper screenings should be conducted on individuals who may be exposed to further risk if handling and use of the material result in excessive exposures. Effects on lungs are significantly enhanced in the presence of respirable particles.
Ingestion	Accidental ingestion of the material may be damaging to the health of the individual. Ingestion may result in nausea, abdominal irritation, pain and vomiting
Skin Contact	There is some evidence to suggest that this material can cause inflammation of the skin on contact in some persons.
Eye	The dust may produce eye discomfort and abrasive eye inflammation.
Chronic	Principal routes of exposure are by accidental skin and eye contact and inhalation of generated dusts. Long term exposure to high dust concentrations may cause changes in lung function i.e. pneumoconiosis; caused by particles less than 0.5 micron penetrating and remaining in the lung. Crystalline silicas activate the inflammatory response of white blood cells after they injure the lung epithelium. Chronic exposure to crystalline silicas reduces lung capacity and predisposes to chest infections.

	TOXICITY	IRRITATION
Regain HiCal-R	Not Available	Not Available
silica crystalline - quartz	Not Available	Nil reported
aluminium oxide	Oral (rat) LD50: >2000 mg/kg[1]	Not Available
fluorine in the form	Not Available	Not Available
aluminium fluorosilicate	Not Available	Not Available
ferric oxide	Oral (rat) LD50: >5000 mg/kg[1]	Not Available
magnesium oxide	Not Available	Nil reported
titanium dioxide	Inhalation (rat) LC50: >2.28 mg/l4 h[1]	Skin (human): 0.3 mg /3D (int)-mild *
	Inhalation (rat) LC50: >3.56 mg/l4 h[1]	
	Inhalation (rat) LC50: >6.82 mg/l4 h[1]	
	Inhalation (rat) LC50: 3.43 mg/l4 h[1]	
	Inhalation (rat) LC50: 5.09 mg/l4 h[1]	
	Oral (rat) LD50: >2000 mg/kg[1]	
Legend:	*1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2.* Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances*	

Acute Toxicity	✔	**Carcinogenicity**	⊘
Skin Irritation/Corrosion	⊘	**Reproductivity**	⊘

Continued...

Serious Eye Damage/Irritation	⊘	**STOT - Single Exposure**	⊘
Respiratory or Skin sensitisation	⊘	**STOT - Repeated Exposure**	✔
Mutagenicity	⊘	**Aspiration Hazard**	⊘

Legend: ✘ *– Data available but does not fill the criteria for classification*
✔ *– Data required to make classification available*
⊘ *– Data Not Available to make classification*

SECTION 12 ECOLOGICAL INFORMATION

Toxicity

Ingredient	Endpoint	Test Duration	Species	Value	Source
aluminium oxide	LC50	96	Fish	0.0780.108mg/L	2
aluminium oxide	EC50	48	Crustacea	1.5mg/L	2
aluminium oxide	EC50	96	Algae or other aquatic plants	0.024mg/L	2
ferric oxide	LC50	96	Fish	0.05mg/L	2
ferric oxide	EC50	48	Crustacea	5.11mg/L	2
ferric oxide	EC50	72	Algae or other aquatic plants	18mg/L	2
titanium dioxide	LC50	96	Fish	>100mg/L	2
titanium dioxide	EC50	48	Crustacea	>100mg/L	2
titanium dioxide	EC50	72	Algae or other aquatic plants	13mg/L	2
titanium dioxide	LC50	96	Fish	8.2mg/L	2
titanium dioxide	EC50	48	Crustacea	>=100mg/L	2
titanium dioxide	EC50	72	Algae or other aquatic plants	5.83mg/L	4
titanium dioxide	EC0	720	Crustacea	3mg/L	1
titanium dioxide	EC100	720	Crustacea	500mg/L	1
titanium dioxide	EC20	72	Algae or other aquatic plants	1.81mg/L	4

DO NOT discharge into sewer or waterways.

Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
titanium dioxide	HIGH	HIGH

Bioaccumulative potential

Ingredient	Bioaccumulation
titanium dioxide	LOW (BCF = 10)

Mobility in soil

Ingredient	Mobility
titanium dioxide	LOW (KOC = 23.74)

SECTION 13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Product / Packaging disposal	▸ Recycle wherever possible or consult manufacturer for recycling options. ▸ Consult State Land Waste Management Authority for disposal. ▸ Bury residue in an authorised landfill. ▸ Recycle containers if possible, or dispose of in an authorised landfill.

SECTION 14 TRANSPORT INFORMATION

Labels Required

Marine Pollutant	NO
HAZCHEM	Not Applicable

Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Transport in bulk according to Annex II of MARPOL 73 / 78 and the IBC code

Source	Ingredient	Pollution Category

Continued...

IMO MARPOL 73/78 (Annex II) - List of Noxious Liquid Substances Carried in Bulk	titanium dioxide	Z

SECTION 15 REGULATORY INFORMATION

Safety, health and environmental regulations / legislation specific for the substance or mixture

SILICA CRYSTALLINE - QUARTZ(87347-84-0) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Hazardous Substances Information System - Consolidated Lists
Australia Inventory of Chemical Substances (AICS)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

ALUMINIUM OXIDE(1344-28-1.) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Inventory of Chemical Substances (AICS)

- Not Applicable

ALUMINIUM FLUOROSILICATE(17099-70-6) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Hazardous Substances Information System - Consolidated Lists

FERRIC OXIDE(1309-37-1) IS FOUND ON THE FOLLOWING REGULATORY LISTS

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TITANIUM DIOXIDE(98084-96-9) IS FOUND ON THE FOLLOWING REGULATORY LISTS

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Australia Inventory of Chemical Substances (AICS)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

National Inventory	Status
Australia - AICS	N (aluminium fluorosilicate)
Canada - DSL	N (aluminium fluorosilicate)
Canada - NDSL	N (aluminium fluorosilicate; silica crystalline - quartz; aluminium oxide; magnesium oxide; ferric oxide)
China - IECSC	N (aluminium fluorosilicate)
Europe - EINEC / ELINCS / NLP	Y
Japan - ENCS	N (aluminium fluorosilicate)
Korea - KECI	Y
New Zealand - NZIoC	N (aluminium fluorosilicate)
Philippines - PICCS	N (aluminium fluorosilicate)
USA - TSCA	N (aluminium fluorosilicate)
Legend:	*Y = All ingredients are on the inventory* *N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing(see specific ingredients in brackets)*

SECTION 16 OTHER INFORMATION

Other information

Ingredients with multiple cas numbers

Name	CAS No
silica crystalline - quartz	122304-48-7, 122304-49-8, 12425-26-2, 1317-79-9, 14808-60-7, 70594-95-5, 87347-84-0
titanium dioxide	100292-32-8, 101239-53-6, 116788-85-3, 12000-59-8, 12188-41-9, 12701-76-7, 12767-65-6, 12789-63-8, 1309-63-3, 1317-70-0, 1317-80-2, 1344-29-2, 13463-67-7, 185323-71-1, 185828-91-5, 188357-76-8, 188357-79-1, 195740-11-5, 221548-98-7, 224963-00-2, 246178-32-5, 252962-41-7, 37230-92-5, 37230-94-7, 37230-95-8, 37230-96-9, 39320-58-6, 39360-64-0, 39379-02-7, 416845-43-7, 494848-07-6, 494848-23-6, 494851-77-3, 494851-98-8, 55068-84-3, 55068-85-4, 552316-51-5, 62338-64-1, 767341-00-4, 97929-50-5, 98084-96-9

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.
A list of reference resources used to assist the committee may be found at:
www.chemwatch.net

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Definitions and abbreviations

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PC—STEL: Permissible Concentration-Short Term Exposure Limit
IARC: International Agency for Research on Cancer
ACGIH: American Conference of Governmental Industrial Hygienists
STEL: Short Term Exposure Limit
TEEL: Temporary Emergency Exposure Limit。

Continued...

IDLH: Immediately Dangerous to Life or Health Concentrations
OSF: Odour Safety Factor
NOAEL :No Observed Adverse Effect Level
LOAEL: Lowest Observed Adverse Effect Level
TLV: Threshold Limit Value
LOD: Limit Of Detection
OTV: Odour Threshold Value
BCF: BioConcentration Factors
BEI: Biological Exposure Index

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TEL (+61 3) 9572 4700.

Tomago Anode Butt Shot Waste

Tomago Aluminium

Chemwatch: **5004-04**
Version No: **3.1.1.1**
Safety Data Sheet according to WHS and ADG requirements

Issue Date: **27/06/2017**
Print Date: **17/07/2017**
S.GHS.AUS.EN

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product Identifier

Product name	Tomago Anode Butt Shot Waste
Synonyms	scrap aluminium anode butt powder for recycle
Other means of identification	Not Available

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	Alloying additive for steel making. Scrap from shot blasting electrofurnace anodes for recycling..

Details of the supplier of the safety data sheet

Registered company name	Tomago Aluminium
Address	Tomago Road Tomago NSW 2322 Australia
Telephone	+61 2 4966 9669
Fax	+61 2 4966 9711
Website	Not Available
Email	Not Available

Emergency telephone number

Association / Organisation	Not Available
Emergency telephone numbers	Not Available
Other emergency telephone numbers	Not Available

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

Poisons Schedule	S6
Classification [1]	Carcinogenicity Category 1A, Specific target organ toxicity - repeated exposure Category 1, Acute Aquatic Hazard Category 3, Chronic Aquatic Hazard Category 3
Legend:	*1. Classified by Chemwatch; 2. Classification drawn from HSIS ; 3. Classification drawn from EC Directive 1272/2008 - Annex VI*

Label elements

Hazard pictogram(s)	
SIGNAL WORD	**DANGER**

Hazard statement(s)

H350	May cause cancer.
H372	Causes damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.
AUH066	Repeated exposure may cause skin dryness and cracking

Precautionary statement(s) Prevention

P201	Obtain special instructions before use.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.

Precautionary statement(s) Response

P308+P313	IF exposed or concerned: Get medical advice/attention.

Continued...

P314	Get medical advice/attention if you feel unwell.

Precautionary statement(s) Storage

P405	Store locked up.

Precautionary statement(s) Disposal

P501	Dispose of contents/container in accordance with local regulations.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substances

See section below for composition of Mixtures

Mixtures

CAS No	%[weight]	Name
		carbon as
65996-77-2	>=60	coke powder
7439-89-6	10-30	iron
		mixed fluorides as
7789-75-5	<=1	calcium fluoride
15096-52-3	<=15	sodium aluminium fluoride
7704-34-9.	<=2	sulfur
		other metals in amounts less than 0.1%
7440-02-0	^	nickel
7440-21-3	^	silicon
7440-62-2		vanadium
		NOTE: Manufacturer has supplied full ingredient
		information to allow CHEMWATCH assessment.

SECTION 4 FIRST AID MEASURES

Description of first aid measures

Eye Contact	If this product comes in contact with the eyes: ▸ Wash out immediately with fresh running water. ▸ Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. ▸ Seek medical attention without delay; if pain persists or recurs seek medical attention. ▸ Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin Contact	If skin or hair contact occurs: ▸ Flush skin and hair with running water (and soap if available). ▸ Seek medical attention in event of irritation.
Inhalation	▸ If dust is inhaled, remove from contaminated area. ▸ Encourage patient to blow nose to ensure clear breathing passages. ▸ Ask patient to rinse mouth with water but to not drink water. ▸ Seek immediate medical attention.
Ingestion	Rinse mouth out with plenty of water. If poisoning occurs, contact a doctor or Poisons Information Centre. ▸ **IF SWALLOWED, REFER FOR MEDICAL ATTENTION, WHERE POSSIBLE, WITHOUT DELAY.** ▸ For advice, contact a Poisons Information Centre or a doctor. **Where Medical attention is not immediately available or where the patient is more than 15 minutes from a hospital or unless instructed otherwise:** ▸ Induce vomiting with fingers down the back of the of the throat, **ONLY IF CONSCIOUS**. ▸ Lean patient forward or place on left side (head-down position if possible) to maintain open airway and prevent aspiration. **NOTE:** Wear a protective glove when inducing vomiting by mechanical means. ▸ In the mean time, qualified first-aid personnel should treat the patient following observation and employing supportive measures as indicated by the patient's condition. ▸ If the services of a medical officer or medical doctor are readily available, the patient should be placed in his/her care and a copy of the SDS should be provided. Further action will be the responsibility of the medical specialist. ▸ If medical attention is not available on the worksite or surroundings send the patient to a hospital together with a copy of the SDS.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 FIREFIGHTING MEASURES

Extinguishing media

- Water spray or fog.
- Foam.

Special hazards arising from the substrate or mixture

Continued...

Fire Incompatibility	Avoid contamination with strong oxidising agents as ignition may result

Advice for firefighters

Fire Fighting	▸ Alert Fire Brigade and tell them location and nature of hazard. ▸ Wear breathing apparatus plus protective gloves in the event of a fire.
Fire/Explosion Hazard	Burns at high temperatures. Moderate fire hazard when exposed to heat or flame. Moderate dust explosion hazard, when exposed to flame Decomposes on heating and produces toxic fumes of: amp;43cw amp;11a amp;43cv, fluorides
HAZCHEM	Not Applicable

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

See section 8

Environmental precautions

See section 12

Methods and material for containment and cleaning up

Minor Spills	▸ Remove all ignition sources. ▸ Clean up all spills immediately.
Major Spills	▸ Clear area of personnel and move upwind. ▸ Alert Fire Brigade and tell them location and nature of hazard.

Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

Safe handling	Avoid generating and breathing dust. ▸ Limit all unnecessary personal contact. ▸ Wear protective clothing when risk of exposure occurs.
Other information	Keep dry; to avoid a violent steam explosion when added to molten metal ▸ Keep dry. ▸ Store under cover.

Conditions for safe storage, including any incompatibilities

Suitable container	▸ Check that containers are clearly labelled ▸ Packaging as recommended by manufacturer. |Woven multiply bulker bags.
Storage incompatibility	Avoid storage with oxidisers Avoid contamination of water, foodstuffs, feed or seed.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

OCCUPATIONAL EXPOSURE LIMITS (OEL)

INGREDIENT DATA

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
Australia Exposure Standards	nickel	Nickel, metal	1 mg/m3	Not Available	Not Available	Sen
Australia Exposure Standards	silicon	Silicon	10 mg/m3	Not Available	Not Available	Not Available

EMERGENCY LIMITS

Ingredient	Material name	TEEL-1	TEEL-2	TEEL-3
coke powder	Carbon; (Graphite, synthetic)	6 mg/m3	16 mg/m3	95 mg/m3
iron	Iron	3.2 mg/m3	35 mg/m3	150 mg/m3
calcium fluoride	Calcium fluoride	15 mg/m3	170 mg/m3	1,000 mg/m3
sulfur	Sulfur	30 mg/m3	330 mg/m3	2,000 mg/m3
nickel	Nickel	4.5 mg/m3	50 mg/m3	99 mg/m3
silicon	Silicon	45 mg/m3	100 mg/m3	630 mg/m3
vanadium	Vanadium	3 mg/m3	5.8 mg/m3	35 mg/m3

Ingredient	Original IDLH	Revised IDLH
coke powder	Not Available	Not Available
iron	Not Available	Not Available

Continued...

calcium fluoride	500 mg/m3	250 mg/m3
sodium aluminium fluoride	Not Available	Not Available
sulfur	Not Available	Not Available
nickel	N.E. mg/m3 / N.E. ppm	10 mg/m3
silicon	Not Available	Not Available
vanadium	70 mg/m3	35 mg/m3

Exposure controls

Appropriate engineering controls	Use in a well-ventilated area Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.
Personal protection	
Eye and face protection	▸ Safety glasses with side shields; or as required, ▸ Chemical goggles. ▸ Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants.
Skin protection	See Hand protection below
Hands/feet protection	Wear chemical protective gloves. e.g. PVC gloves with barrier cream Wear safety footwear.
Body protection	See Other protection below
Other protection	▸ Overalls. ▸ Eyewash unit.
Thermal hazards	Not Available

Respiratory protection

Type AX-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

Required Minimum Protection Factor	Half-Face Respirator	Full-Face Respirator	Powered Air Respirator
up to 10 x ES	AX P1 Air-line*	- -	AX PAPR-P1 -
up to 50 x ES	Air-line**	AX P2	AX PAPR-P2
up to 100 x ES	-	AX P3	-
		Air-line*	-
100+ x ES	-	Air-line**	AX PAPR-P3

* - Negative pressure demand ** - Continuous flow
A(All classes) = Organic vapours, B AUS or B1 = Acid gasses, B2 = Acid gas or hydrogen cyanide(HCN), B3 = Acid gas or hydrogen cyanide(HCN), E = Sulfur dioxide(SO2), G = Agricultural chemicals, K = Ammonia(NH3), Hg = Mercury, NO = Oxides of nitrogen, MB = Methyl bromide, AX = Low boiling point organic compounds(below 65 degC)

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Black granular powder; insoluble in water. No odour.|Approximately 30% fraction greater than 0.5 mm size.

Physical state	Divided Solid	**Relative density (Water = 1)**	1.5-1.7
Odour	Not Available	**Partition coefficient n-octanol / water**	Not Available
Odour threshold	Not Available	**Auto-ignition temperature (°C)**	Not Applicable
pH (as supplied)	Not Available	**Decomposition temperature**	Not available.
Melting point / freezing point (°C)	Not Available	**Viscosity (cSt)**	Not Available
Initial boiling point and boiling range (°C)	Not Available	**Molecular weight (g/mol)**	Not Applicable
Flash point (°C)	Non Flammable	**Taste**	Not Available
Evaporation rate	Non Volatile	**Explosive properties**	Not Available
Flammability	Non Flammable	**Oxidising properties**	Not Available
Upper Explosive Limit (%)	Not available.	**Surface Tension (dyn/cm or mN/m)**	Not Applicable
Lower Explosive Limit (%)	Not available.	**Volatile Component (%vol)**	Nil @ 38 C.
Vapour pressure (kPa)	Negligible	**Gas group**	Not Available
Solubility in water (g/L)	Immiscible	**pH as a solution (1%)**	Not Available
Vapour density (Air = 1)	Not Applicable	**VOC g/L**	Not Available

Continued...

SECTION 10 STABILITY AND REACTIVITY

Reactivity	See section 7
Chemical stability	▸ Unstable in the presence of incompatible materials. ▸ Product is considered stable.
Possibility of hazardous reactions	See section 7
Conditions to avoid	See section 7
Incompatible materials	See section 7
Hazardous decomposition products	See section 5

SECTION 11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

Inhaled	Generated dust may be discomforting amp;5400 amp;11amb amp;5044 amp;54i Inhalation of dust may aggravate a pre-existing respiratory condition such as asthma, bronchitis, emphysema
Ingestion	Considered an unlikely route of entry in commercial/industrial environments The solid/dust is amp;5040 amp;11a amp;5044 amp;5110 Ingestion may result in nausea, abdominal irritation, pain and vomiting
Skin Contact	The material may be amp;5054 amp;11a amp;5040 amp;5300 amp;531sk amp;5421 Solution of material in moisture on the skin, or perspiration, may increase irritant effects Bare unprotected skin should not be exposed to this material Toxic effects may result from skin absorption
Eye	The dust is amp;5054 amp;11a amp;5040 amp;5200 amp;11ai amp;5213
Chronic	Principal routes of exposure are usually by amp;5541m amp;11a amp;5553 Fluorides are easily absorbed through the skin and cause death of soft tissue and erode bone. Healing is delayed and death of tissue may continue to spread beneath skin. Persons with impaired respiratory function, airway diseases and conditions such as emphysema or chronic bronchitis, may incur further disability if excessive concentrations of particulate are inhaled. If prior damage to the circulatory or nervous systems has occurred or if kidney damage has been sustained, proper screenings should be conducted on individuals who may be exposed to further risk if handling and use of the material result in excessive exposures.

	TOXICITY	IRRITATION
Tomago Anode Butt Shot Waste	Not Available	Not Available
coke powder	Not Available	Not Available
iron	Oral (rat) LD50: 98600 mg/kg][2]	Not Available
calcium fluoride	Oral (rat) LD50: 4250 mg/kgd[2]	Not Available
sodium aluminium fluoride	Oral (rat) LD50: >5000 mg/kgd[2]	Not Available
sulfur	dermal (rat) LD50: >2000 mg/kg[1] Oral (rat) LD50: >2000 mg/kg[1]	Eye (human): 8 ppm irritant
nickel	Oral (rat) LD50: 5000 mg/kg[2]	Not Available
silicon	Oral (rat) LD50: 3160 mg/kgd[2]	Not Available
vanadium	Oral (rat) LD50: >2000 mg/kg[1]	Not Available

Legend:	*1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2.* Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances*

Continued...

COKE POWDER	Substance has been investigated as a reproductive effector. TDLo: 167mg/kg
NICKEL	The following information refers to contact allergens as a group and may not be specific to this product. Contact allergies quickly manifest themselves as contact eczema, more rarely as urticaria or Quincke's oedema. **WARNING:** This substance has been classified by the IARC as Group 2B: Possibly Carcinogenic to Humans. Tenth Annual Report on Carcinogens: Substance anticipated to be Carcinogen [*National Toxicology Program: U.S. Dep. of Health & Human Services 2002*] Oral (rat) TDLo: 500 mg/kg/5D-I Inhalation (rat) TCLo: 0.1 mg/m3/24H/17W-C
SILICON	Injection of silicon into the peritoneal cavity produced only minor local trauma and foreign body reaction. In animal testing, silicon dioxide given by mouth did not cause clinical signs or cell changes. The material may be irritating to the eye, with prolonged contact causing inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.
CALCIUM FLUORIDE & SILICON	Asthma-like symptoms may continue for months or even years after exposure to the material ends. This may be due to a non-allergic condition known as reactive airways dysfunction syndrome (RADS) which can occur after exposure to high levels of highly irritating compound.
SODIUM ALUMINIUM FLUORIDE & SILICON	No significant acute toxicological data identified in literature search.

Acute Toxicity	⊘	**Carcinogenicity**	✔
Skin Irritation/Corrosion	⊘	**Reproductivity**	⊘
Serious Eye Damage/Irritation	⊘	**STOT - Single Exposure**	⊘
Respiratory or Skin sensitisation	⊘	**STOT - Repeated Exposure**	✔
Mutagenicity	⊘	**Aspiration Hazard**	⊘

Legend: ✘ *– Data available but does not fill the criteria for classification*
✔ *– Data available to make classification*
⊘ *– Data Not Available to make classification*

SECTION 12 ECOLOGICAL INFORMATION

Toxicity

Tomago Anode Butt Shot Waste

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
Not Available	Not Available	Not Available	Not Available	Not Available

coke powder

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
Not Available	Not Available	Not Available	Not Available	Not Available

iron

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
LC50	96	Fish	0.05mg/L	2
EC50	96	Algae or other aquatic plants	3.7mg/L	4
BCF	24	Crustacea	0.0000002mg/L	4
NOEC	504	Fish	0.52mg/L	2

calcium fluoride

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
LC50	96	Fish	51mg/L	2
NOEC	504	Fish	4mg/L	2

sodium aluminium fluoride

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
LC50	96	Fish	42.5mg/L	4
EC50	48	Crustacea	5mg/L	4

sulfur

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
LC50	96	Fish	<14mg/L	4
EC50	48	Crustacea	>5000mg/L	4
EC50	96	Algae or other aquatic plants	623.589mg/L	3
NOEC	504	Crustacea	>0.0025mg/L	2

nickel

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
LC50	96	Fish	0.0000475mg/L	4
EC50	48	Crustacea	0.013mg/L	5
EC50	72	Algae or other aquatic plants	0.0407mg/L	2
BCF	1440	Algae or other aquatic plants	0.47mg/L	4
NOEC	72	Algae or other aquatic plants	0.0035mg/L	2

Continued...

silicon	ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
	EC50	72	Algae or other aquatic plants	ca.250mg/L	2

vanadium	ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
	LC50	96	Fish	0.693mg/L	2
	EC50	48	Crustacea	2.387mg/L	2
	EC50	72	Algae or other aquatic plants	0.9894mg/L	2
	BCF	1440	Algae or other aquatic plants	0.0035mg/L	4
	NOEC	72	Algae or other aquatic plants	0.0168mg/L	2

Legend:	*Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 3. EPIWIN Suite V3.12 (QSAR) - Aquatic Toxicity Data (Estimated) 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) - Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data*

Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
sulfur	LOW	LOW

Bioaccumulative potential

Ingredient	Bioaccumulation
sulfur	LOW (LogKOW = 0.229)

Mobility in soil

Ingredient	Mobility
sulfur	LOW (KOC = 14.3)

SECTION 13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Product / Packaging disposal	▸ Recycle wherever possible or consult manufacturer for recycling options. ▸ Consult State Land Waste Management Authority for disposal.

SECTION 14 TRANSPORT INFORMATION

Labels Required

Marine Pollutant	NO
HAZCHEM	Not Applicable

Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

SECTION 15 REGULATORY INFORMATION

Safety, health and environmental regulations / legislation specific for the substance or mixture

COKE POWDER(65996-77-2) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Inventory of Chemical Substances (AICS)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs
International Air Transport Association (IATA) Dangerous Goods Regulations - Prohibited List Passenger and Cargo Aircraft

IRON(7439-89-6) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Inventory of Chemical Substances (AICS)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

CALCIUM FLUORIDE(7789-75-5) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Inventory of Chemical Substances (AICS)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

SODIUM ALUMINIUM FLUORIDE(15096-52-3) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Hazardous Substances Information System - Consolidated Lists
Australia Inventory of Chemical Substances (AICS)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

Continued...

SULFUR(7704-34-9.) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Hazardous Substances Information System - Consolidated Lists
Australia Inventory of Chemical Substances (AICS)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

NICKEL(7440-02-0) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Hazardous Substances Information System - Consolidated Lists
Australia Inventory of Chemical Substances (AICS)

SILICON(7440-21-3) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Inventory of Chemical Substances (AICS)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

VANADIUM(7440-62-2) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Inventory of Chemical Substances (AICS)

National Inventory	Status
Australia - AICS	Y
Canada - DSL	Y
Canada - NDSL	N (coke powder; sulfur; vanadium; silicon; nickel; iron)
China - IECSC	Y
Europe - EINEC / ELINCS / NLP	Y
Japan - ENCS	N (coke powder; sulfur; vanadium; silicon; nickel; iron; sodium aluminium fluoride)
Korea - KECI	Y
New Zealand - NZIoC	Y
Philippines - PICCS	Y
USA - TSCA	Y
Legend:	*Y = All ingredients are on the inventory* *N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing(see specific ingredients in brackets)*

SECTION 16 OTHER INFORMATION

Other information

Ingredients with multiple cas numbers

Name	CAS No
coke powder	65996-77-2, 7440-44-0
calcium fluoride	7789-75-5, 14542-23-5
sodium aluminium fluoride	15096-52-3, 13775-53-6, 1331-71-1
silicon	7440-21-3, 152284-21-4, 157383-37-4, 160371-18-6, 17375-03-0, 71536-23-7, 72516-01-9, 72516-02-0, 72516-03-1, 90337-93-2

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

Definitions and abbreviations

PC—TWA: Permissible Concentration-Time Weighted Average
PC—STEL: Permissible Concentration-Short Term Exposure Limit
IARC: International Agency for Research on Cancer
ACGIH: American Conference of Governmental Industrial Hygienists
STEL: Short Term Exposure Limit
TEEL: Temporary Emergency Exposure Limit。
IDLH: Immediately Dangerous to Life or Health Concentrations
OSF: Odour Safety Factor
NOAEL :No Observed Adverse Effect Level
LOAEL: Lowest Observed Adverse Effect Level
TLV: Threshold Limit Value
LOD: Limit Of Detection
OTV: Odour Threshold Value
BCF: BioConcentration Factors
BEI: Biological Exposure Index

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Tomago Spent Potlining Refractory Byproduct

Tomago Aluminium

Chemwatch: **4686-69**
Version No: **6.1.1.1**
Safety Data Sheet according to WHS and ADG requirements

Issue Date: **27/06/2017**
Print Date: **17/07/2017**
S.GHS.AUS.EN

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product Identifier

Product name	Tomago Spent Potlining Refractory Byproduct
Synonyms	Not Available
Proper shipping name	ALUMINIUM SMELTING BY-PRODUCTS or ALUMINIUM REMELTING BY-PRODUCTS
Other means of identification	Not Available

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	Raw material feed to produce refractory feedstock. IN THE PREPARATION OF FEEDSTOCK MATERIAL WATER CAN BE ADDED IN CONTROLLED WELL VENTILATED CONDITIONS.

Details of the supplier of the safety data sheet

Registered company name	Tomago Aluminium
Address	Tomago Road Tomago NSW 2322 Australia
Telephone	+61 2 4966 9669
Fax	+61 2 4966 9711
Website	Not Available
Email	Not Available

Emergency telephone number

Association / Organisation	Not Available
Emergency telephone numbers	Not Available
Other emergency telephone numbers	Not Available

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

Poisons Schedule	S6
Classification [1]	Emit Flammable Gases with Water Category 3, Acute Toxicity (Oral) Category 4, Skin Corrosion/Irritation Category 1B, Serious Eye Damage Category 1, Specific target organ toxicity - repeated exposure Category 2, Acute Aquatic Hazard Category 3, Chronic Aquatic Hazard Category 3
Legend:	*1. Classified by Chemwatch; 2. Classification drawn from HSIS ; 3. Classification drawn from EC Directive 1272/2008 - Annex VI*

Label elements

Hazard pictogram(s)	
SIGNAL WORD	**DANGER**

Hazard statement(s)

H261	In contact with water releases flammable gases.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H373	May cause damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.
AUH014	Reacts violently with water
AUH029	Contact with water liberates toxic gas
AUH032	Contact with acid liberates very toxic gas

Continued...

Precautionary statement(s) Prevention

P231+P232	Handle under inert gas. Protect from moisture.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.

Precautionary statement(s) Response

P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

Precautionary statement(s) Storage

P405	Store locked up.
P402+P404	Store in a dry place. Store in a closed container.

Precautionary statement(s) Disposal

P501	Dispose of contents/container in accordance with local regulations.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substances

See section below for composition of Mixtures

Mixtures

CAS No	%[weight]	Name
14808-60-7	40-70	silica crystalline - quartz
1344-28-1.	12-30	aluminium oxide
7440-44-0	2-5	carbon, non-activated
1310-73-2	1-2	sodium hydroxide
7681-49-4	5-11	sodium fluoride
15096-52-3	3-8	sodium aluminium fluoride
7789-75-5	0-1	calcium fluoride
1305-78-8	1-5	calcium oxide
7429-90-5	0-1	aluminium
7439-89-6	0-1	iron
1309-37-1	2-4	ferric oxide
7704-34-9.	0-1	sulfur
Not Available	0-0.04	free cyanide

SECTION 4 FIRST AID MEASURES

Description of first aid measures

Eye Contact	If this product comes in contact with the eyes: ▸ Immediately hold eyelids apart and flush the eye continuously with running water. ▸ Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. ▸ Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. ▸ Transport to hospital or doctor without delay. ▸ Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin Contact	If skin contact occurs: ▸ Immediately remove all contaminated clothing, including footwear. ▸ Flush skin and hair with running water (and soap if available). ▸ Seek medical attention in event of irritation.
Inhalation	▸ If dust is inhaled, remove from contaminated area. ▸ Encourage patient to blow nose to ensure clear breathing passages. ▸ Ask patient to rinse mouth with water but to not drink water. ▸ Seek immediate medical attention. ▸ If fumes or combustion products are inhaled remove from contaminated area. ▸ Lay patient down. Keep warm and rested. ▸ Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures. ▸ Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary. ▸ Transport to hospital, or doctor.
Ingestion	▸ If swallowed do **NOT** induce vomiting. ▸ If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. ▸ Observe the patient carefully. ▸ Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. ▸ Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. ▸ Seek medical advice.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Continued...

For acute or short-term repeated exposures to highly alkaline materials:
- Respiratory stress is uncommon but present occasionally because of soft tissue edema.
- Unless endotracheal intubation can be accomplished under direct vision, cricothyroidotomy or tracheotomy may be necessary.
- Oxygen is given as indicated.
- The presence of shock suggests perforation and mandates an intravenous line and fluid administration.
- Damage due to alkaline corrosives occurs by liquefaction necrosis whereby the saponification of fats and solubilisation of proteins allow deep penetration into the tissue.

Alkalis continue to cause damage after exposure.
INGESTION:
- Milk and water are the preferred diluents

No more than 2 glasses of water should be given to an adult.
- Neutralising agents should never be given since exothermic heat reaction may compound injury.

* Catharsis and emesis are absolutely contra-indicated.
* Activated charcoal does not absorb alkali.
* Gastric lavage should not be used.

Supportive care involves the following:
- Withhold oral feedings initially.
- If endoscopy confirms transmucosal injury start steroids only within the first 48 hours.
- Carefully evaluate the amount of tissue necrosis before assessing the need for surgical intervention.
- Patients should be instructed to seek medical attention whenever they develop difficulty in swallowing (dysphagia).

SKIN AND EYE:
- Injury should be irrigated for 20-30 minutes.

Eye injuries require saline. [Ellenhorn & Barceloux: Medical Toxicology]

SECTION 5 FIREFIGHTING MEASURES

Extinguishing media

- Dry sand.
- Dry chemical powder.
- **DO NOT** use halogenated fire extinguishing agents.
- **DO NOT** use water or halogens on dust fires.

|Small sodium fires can uccur in stored material. Extinguishing material for such|fires should not be water.

Special hazards arising from the substrate or mixture

Fire Incompatibility	▸ Contact with water liberates highly flammable gases ▸ Reacts with water or steam to produce toxic and corrosive fumes

Advice for firefighters

Fire Fighting	▸ Alert Fire Brigade and tell them location and nature of hazard. ▸ May be violently or explosively reactive.
Fire/Explosion Hazard	▸ Non combustible. ▸ Not considered a significant fire risk, however containers may burn. Decomposes on heating and produces toxic fumes of: , carbon dioxide (CO_2) , hydrogen fluoride , sulfur oxides (SOx) Avoid creating dust - may present dust explosion hazard. Dry dust can be electrostatically charged by turbulence, pneumatic transport, pouring, in exhaust ducts and during transport. May emit poisonous fumes. May emit corrosive fumes.
HAZCHEM	4W

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

See section 8

Environmental precautions

See section 12

Methods and material for containment and cleaning up

Minor Spills	▸ Clean up all spills immediately. ▸ Avoid contact with skin and eyes.
Major Spills	▸ Clear area of personnel and move upwind. ▸ Alert Fire Brigade and tell them location and nature of hazard.

Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

Safe handling	Remove all ignition sources. ▸ Limit all unnecessary personal contact. ▸ Wear protective clothing when risk of exposure occurs.

Continued...

Other information	▸ Keep dry. ▸ Store under cover.

Conditions for safe storage, including any incompatibilities

Suitable container	▸ Polyethylene or polypropylene container. ▸ Check all containers are clearly labelled and free from leaks.
Storage incompatibility	▸ Contact with acids produces toxic fumes Contact with water liberates extremely flammable gases.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

OCCUPATIONAL EXPOSURE LIMITS (OEL)

INGREDIENT DATA

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
Australia Exposure Standards	silica crystalline - quartz	Silica - Crystalline: Quartz (respirable dust)	0.1 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	silica crystalline - quartz	Quartz (respirable dust)	0.1 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	aluminium oxide	Aluminium oxide	10 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	sodium hydroxide	Sodium hydroxide	Not Available	Not Available	2 mg/m3	Not Available
Australia Exposure Standards	calcium oxide	Calcium oxide	2 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	aluminium	Aluminium (metal dust)	10 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	aluminium	Aluminium (welding fumes) (as Al)	5 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	aluminium	Aluminium, pyro powders (as Al)	5 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	ferric oxide	Iron oxide fume (Fe2O3) (as Fe)	5 mg/m3	Not Available	Not Available	Not Available

EMERGENCY LIMITS

Ingredient	Material name	TEEL-1	TEEL-2	TEEL-3
silica crystalline - quartz	Silica, crystalline-quartz; (Silicon dioxide)	0.075 mg/m3	33 mg/m3	200 mg/m3
aluminium oxide	Aluminum oxide; (Alumina)	5.7 mg/m3	15 mg/m3	25 mg/m3
carbon, non-activated	Carbon; (Graphite, synthetic)	6 mg/m3	16 mg/m3	95 mg/m3
sodium hydroxide	Sodium hydroxide	Not Available	Not Available	Not Available
sodium fluoride	Sodium fluoride	17 mg/m3	90 mg/m3	1,100 mg/m3
calcium fluoride	Calcium fluoride	15 mg/m3	170 mg/m3	1,000 mg/m3
calcium oxide	Calcium oxide	6 mg/m3	110 mg/m3	660 mg/m3
iron	Iron	3.2 mg/m3	35 mg/m3	150 mg/m3
ferric oxide	Iron oxide; (Ferric oxide)	15 mg/m3	360 mg/m3	2,200 mg/m3
sulfur	Sulfur	30 mg/m3	330 mg/m3	2,000 mg/m3

Ingredient	Original IDLH	Revised IDLH
silica crystalline - quartz	N.E. mg/m3 / N.E. ppm	50 mg/m3
aluminium oxide	Not Available	Not Available
carbon, non-activated	Not Available	Not Available
sodium hydroxide	250 mg/m3	10 mg/m3
sodium fluoride	500 mg/m3	250 mg/m3
sodium aluminium fluoride	Not Available	Not Available
calcium fluoride	500 mg/m3	250 mg/m3
calcium oxide	Unknown mg/m3 / Unknown ppm	25 mg/m3
aluminium	Not Available	Not Available
iron	Not Available	Not Available
ferric oxide	N.E. mg/m3 / N.E. ppm	2,500 mg/m3
sulfur	Not Available	Not Available
free cyanide	Not Available	Not Available

Exposure controls

Appropriate engineering controls	Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.
Personal protection	
Eye and face protection	▸ Chemical goggles. ▸ Full face shield may be required for supplementary but never for primary protection of eyes.

Continued...

Skin protection	See Hand protection below
Hands/feet protection	Experience indicates that the following polymers are suitable as glove materials for protection against undissolved, dry solids, where abrasive particles are not present. ▸ polychloroprene. The selection of suitable gloves does not only depend on the material, but also on further marks of quality which vary from manufacturer to manufacturer. Where the chemical is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
Body protection	See Other protection below
Other protection	▸ Overalls. ▸ P.V.C.
Thermal hazards	Not Available

Recommended material(s)

GLOVE SELECTION INDEX

Glove selection is based on a modified presentation of the:
"Forsberg Clothing Performance Index".
The effect(s) of the following substance(s) are taken into account in the ***computer-generated*** selection:
Tomago Spent Potlining Refractory Byproduct

Material	CPI
BUTYL	C
NAT+NEOPR+NITRILE	C
NATURAL RUBBER	C
NATURAL+NEOPRENE	C
NEOPRENE	C
NEOPRENE/NATURAL	C
NITRILE	C
NITRILE+PVC	C
PE	C
PE/EVAL/PE	C
PVC	C
SARANEX-23	C
SARANEX-23 2-PLY	C
TEFLON	C
VITON/CHLOROBUTYL	C
##sodium	fluoride

* CPI - Chemwatch Performance Index
A: Best Selection
B: Satisfactory; may degrade after 4 hours continuous immersion
C: Poor to Dangerous Choice for other than short term immersion
NOTE: As a series of factors will influence the actual performance of the glove, a final selection must be based on detailed observation. -
* Where the glove is to be used on a short term, casual or infrequent basis, factors such as "feel" or convenience (e.g. disposability), may dictate a choice of gloves which might otherwise be unsuitable following long-term or frequent use. A qualified practitioner should be consulted.

Respiratory protection

Particulate. (AS/NZS 1716 & 1715, EN 143:2000 & 149:001, ANSI Z88 or national equivalent)

Where the concentration of gas/particulates in the breathing zone, approaches or exceeds the "Exposure Standard" (or ES), respiratory protection is required.
Degree of protection varies with both face-piece and Class of filter; the nature of protection varies with Type of filter.

Required Minimum Protection Factor	Half-Face Respirator	Full-Face Respirator	Powered Air Respirator
up to 10 x ES	-AUS P2	-	-PAPR-AUS / Class 1 P2
up to 50 x ES	-	-AUS / Class 1 P2	-
up to 100 x ES	-	-2 P2	-PAPR-2 P2 ^

^ - Full-face
A(All classes) = Organic vapours, B AUS or B1 = Acid gasses, B2 = Acid gas or hydrogen cyanide(HCN), B3 = Acid gas or hydrogen cyanide(HCN), E = Sulfur dioxide(SO2), G = Agricultural chemicals, K = Ammonia(NH3), Hg = Mercury, NO = Oxides of nitrogen, MB = Methyl bromide, AX = Low boiling point organic compounds(below 65 degC)

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Grey solid with varying granulometry and white salt encrustment; does not mix|with water. |contact with moisture.

Physical state	Solid	**Relative density (Water = 1)**	Not Available
Odour	Not Available	**Partition coefficient n-octanol / water**	Not Available
Odour threshold	Not Available	**Auto-ignition temperature (°C)**	Not Applicable
pH (as supplied)	Not Applicable	**Decomposition temperature**	Not Available
Melting point / freezing point (°C)	Not Available	**Viscosity (cSt)**	Not Applicable
Initial boiling point and boiling range (°C)	Not Applicable	**Molecular weight (g/mol)**	Not Applicable
Flash point (°C)	Not Applicable	**Taste**	Not Available
Evaporation rate	Not Available	**Explosive properties**	Not Available
Flammability	Not Applicable	**Oxidising properties**	Not Available
Upper Explosive Limit (%)	Not Applicable	**Surface Tension (dyn/cm or mN/m)**	Not Applicable

Continued...

Lower Explosive Limit (%)	Not Applicable	**Volatile Component (%vol)**	Not Applicable
Vapour pressure (kPa)	Not Available	**Gas group**	Not Available
Solubility in water (g/L)	Immiscible	**pH as a solution (1%)**	Not Available
Vapour density (Air = 1)	Not Applicable	**VOC g/L**	Not Available

SECTION 10 STABILITY AND REACTIVITY

Reactivity	See section 7
Chemical stability	▸ Unstable in the presence of incompatible materials. ▸ Product is considered stable.
Possibility of hazardous reactions	See section 7
Conditions to avoid	See section 7
Incompatible materials	See section 7
Hazardous decomposition products	See section 5

SECTION 11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

Inhaled	Inhalation of vapours or aerosols (mists, fumes), generated by the material during the course of normal handling, may be damaging to the health of the individual. Inhaling corrosive bases may irritate the respiratory tract. Symptoms include cough, choking, pain and damage to the mucous membrane. Acute silicosis occurs under conditions of extremely high silica dust exposure particularly when the particle size of the dust is small. The disease is rapidly progressive and spreads widely through the lungs within months of the initial exposure and causing death within 1 to 2 years. Effects on lungs are significantly enhanced in the presence of respirable particles.
Ingestion	Accidental ingestion of the material may be harmful; animal experiments indicate that ingestion of less than 150 gram may be fatal or may produce serious damage to the health of the individual. The material can produce chemical burns within the oral cavity and gastrointestinal tract following ingestion. Ingestion of alkaline corrosives may produce burns around the mouth, ulcerations and swellings of the mucous membranes, profuse saliva production, with an inability to speak or swallow. Both the oesophagus and stomach may experience burning pain; vomiting and diarrhoea may follow. Fluoride causes severe loss of calcium in the blood, with symptoms appearing several hours later including painful and rigid muscle contractions of the limbs. Cardiovascular collapse can occur and may cause death with increased heart rate and other heart rhythm irregularities.
Skin Contact	The material can produce chemical burns following direct contact with the skin. Toxic effects may result from skin absorption Fluorides are easily absorbed through the skin and cause death of soft tissue and erode bone. Healing is delayed and death of tissue may continue to spread beneath skin. Entry into the blood-stream, through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected.
Eye	The material can produce chemical burns to the eye following direct contact. Vapours or mists may be extremely irritating.
Chronic	Repeated or prolonged exposure to corrosives may result in the erosion of teeth, inflammatory and ulcerative changes in the mouth and necrosis (rarely) of the jaw. Bronchial irritation, with cough, and frequent attacks of bronchial pneumonia may ensue. Extended exposure to inorganic fluorides causes fluorosis, which includes signs of joint pain and stiffness, tooth discolouration, nausea and vomiting, loss of appetite, diarrhoea or constipation, weight loss, anaemia, weakness and general unwellness. There may also be frequent urination and thirst. Crystalline silicas activate the inflammatory response of white blood cells after they injure the lung epithelium. Chronic exposure to crystalline silicas reduces lung capacity and predisposes to chest infections.

Tomago Spent Potlining Refractory Byproduct	**TOXICITY**	**IRRITATION**
	Not Available	Not Available
silica crystalline - quartz	**TOXICITY**	**IRRITATION**
	Not Available	Not Available
aluminium oxide	**TOXICITY**	**IRRITATION**
	Oral (rat) LD50: >2000 mg/kg[1]	Not Available
carbon, non-activated	**TOXICITY**	**IRRITATION**
	Not Available	Not Available
sodium hydroxide	**TOXICITY**	**IRRITATION**
	Not Available	Eye (rabbit): 0.05 mg/24h SEVERE
		Eye (rabbit):1 mg/24h SEVERE
		Eye (rabbit):1 mg/30s rinsed-SEVERE
		Skin (rabbit): 500 mg/24h SEVERE
sodium fluoride	**TOXICITY**	**IRRITATION**
	dermal (rat) LD50: >2000 mg/kg[1]	Eye (rabbit): 20 mg/24h-moderate
	Oral (rat) LD50: >25<2000 mg/kg>[1]	

Continued...

sodium aluminium fluoride	**TOXICITY**	**IRRITATION**
	Oral (rat) LD50: >5000 mg/kgd[2]	Not Available
calcium fluoride	**TOXICITY**	**IRRITATION**
	Oral (rat) LD50: 4250 mg/kgd[2]	Not Available
calcium oxide	**TOXICITY**	**IRRITATION**
	Dermal (rabbit) LD50: >2500 mg/kg[1]	Not Available
	Oral (rat) LD50: 790 mg/kg[1]	
aluminium	**TOXICITY**	**IRRITATION**
	Oral (rat) LD50: >2000 mg/kg[1]	Not Available
iron	**TOXICITY**	**IRRITATION**
	Oral (rat) LD50: 98600 mg/kg][2]	Not Available
ferric oxide	**TOXICITY**	**IRRITATION**
	Oral (rat) LD50: >5000 mg/kg[1]	Not Available
sulfur	**TOXICITY**	**IRRITATION**
	dermal (rat) LD50: >2000 mg/kg[1]	Eye (human): 8 ppm irritant
	Oral (rat) LD50: >2000 mg/kg[1]	

Legend:	*1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2.* Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances*

SILICA CRYSTALLINE - QUARTZ	**WARNING:** For inhalation exposure ONLY: This substance has been classified by the IARC as Group 1: **CARCINOGENIC TO HUMANS** The International Agency for Research on Cancer (IARC) has classified occupational exposures to **respirable** (<5 um) crystalline silica as being carcinogenic to humans . This classification is based on what IARC considered sufficient evidence from epidemiological studies of humans for the carcinogenicity of inhaled silica in the forms of quartz and cristobalite.
CARBON, NON-ACTIVATED	Substance has been investigated as a reproductive effector.
SODIUM HYDROXIDE	The material may produce severe irritation to the eye causing pronounced inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis. The material may cause severe skin irritation after prolonged or repeated exposure and may produce on contact skin redness, swelling, the production of vesicles, scaling and thickening of the skin. Repeated exposures may produce severe ulceration.
SODIUM FLUORIDE	The material may produce moderate eye irritation leading to inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis. The substance is classified by IARC as Group 3: **NOT** classifiable as to its carcinogenicity to humans. Evidence of carcinogenicity may be inadequate or limited in animal testing.
ALUMINIUM OXIDE & SODIUM ALUMINIUM FLUORIDE & ALUMINIUM	No significant acute toxicological data identified in literature search.
SODIUM HYDROXIDE & SODIUM FLUORIDE & CALCIUM FLUORIDE & CALCIUM OXIDE & FERRIC OXIDE	Asthma-like symptoms may continue for months or even years after exposure to the material ends. This may be due to a non-allergic condition known as reactive airways dysfunction syndrome (RADS) which can occur after exposure to high levels of highly irritating compound.

Acute Toxicity	✔	**Carcinogenicity**	⊘
Skin Irritation/Corrosion	✔	**Reproductivity**	⊘
Serious Eye Damage/Irritation	✔	**STOT - Single Exposure**	⊘
Respiratory or Skin sensitisation	⊘	**STOT - Repeated Exposure**	✔
Mutagenicity	⊘	**Aspiration Hazard**	⊘

Legend: ✘ *– Data available but does not fill the criteria for classification*
✔ *– Data available to make classification*
⊘ *– Data Not Available to make classification*

SECTION 12 ECOLOGICAL INFORMATION

Toxicity

Tomago Spent Potlining Refractory Byproduct	**ENDPOINT**	**TEST DURATION (HR)**	**SPECIES**	**VALUE**	**SOURCE**
	Not Available	Not Available	Not Available	Not Available	Not Available

Continued...

silica crystalline - quartz

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
Not Available	Not Available	Not Available	Not Available	Not Available

aluminium oxide

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
LC50	96	Fish	0.0029mg/L	2
EC50	48	Crustacea	0.7364mg/L	2
EC50	96	Algae or other aquatic plants	0.0054mg/L	2
NOEC	72	Algae or other aquatic plants	>=0.004mg/L	2

carbon, non-activated

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
Not Available	Not Available	Not Available	Not Available	Not Available

sodium hydroxide

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
LC50	96	Fish	4.16158mg/L	3
EC50	96	Algae or other aquatic plants	1034.10043mg/L	3
NOEC	96	Fish	56mg/L	4

sodium fluoride

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
LC50	96	Fish	51mg/L	2
EC50	48	Crustacea	58mg/L	4
EC50	96	Algae or other aquatic plants	181mg/L	1
BCF	240	Fish	5mg/L	4
NOEC	504	Fish	4mg/L	2

sodium aluminium fluoride

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
LC50	96	Fish	42.5mg/L	4
EC50	48	Crustacea	5mg/L	4

calcium fluoride

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
LC50	96	Fish	51mg/L	2
NOEC	504	Fish	4mg/L	2

calcium oxide

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
LC50	96	Fish	33.884mg/L	2
NOEC	48	Crustacea	33.3mg/L	2

aluminium

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
LC50	96	Fish	0.078-0.108mg/L	2
EC50	48	Crustacea	0.7364mg/L	2
EC50	96	Algae or other aquatic plants	0.0054mg/L	2
BCF	360	Algae or other aquatic plants	9mg/L	4
NOEC	72	Algae or other aquatic plants	>=0.004mg/L	2

iron

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
LC50	96	Fish	0.05mg/L	2
EC50	96	Algae or other aquatic plants	3.7mg/L	4
BCF	24	Crustacea	0.0000002mg/L	4
NOEC	504	Fish	0.52mg/L	2

ferric oxide

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
LC50	96	Fish	0.05mg/L	2
EC50	72	Algae or other aquatic plants	18mg/L	2
NOEC	504	Fish	0.52mg/L	2

sulfur

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
LC50	96	Fish	<14mg/L	4
EC50	48	Crustacea	>5000mg/L	4
EC50	96	Algae or other aquatic plants	623.589mg/L	3
NOEC	504	Crustacea	>0.0025mg/L	2

Legend: *Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 3. EPIWIN Suite V3.12*

Continued...

	(QSAR) - Aquatic Toxicity Data (Estimated) 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) - Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Do NOT allow product to come in contact with surface waters or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash-waters.
DO NOT discharge into sewer or waterways.

Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
sodium hydroxide	LOW	LOW
sodium fluoride	LOW	LOW
sulfur	LOW	LOW

Bioaccumulative potential

Ingredient	Bioaccumulation
sodium hydroxide	LOW (LogKOW = -3.8796)
sodium fluoride	LOW (BCF = 6.4)
sulfur	LOW (LogKOW = 0.229)

Mobility in soil

Ingredient	Mobility
sodium hydroxide	LOW (KOC = 14.3)
sodium fluoride	LOW (KOC = 14.3)
sulfur	LOW (KOC = 14.3)

SECTION 13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Product / Packaging disposal	▸ Recycle wherever possible or consult manufacturer for recycling options. ▸ Consult State Land Waste Management Authority for disposal.

SECTION 14 TRANSPORT INFORMATION

Labels Required

Marine Pollutant	NO
HAZCHEM	4W

Land transport (ADG)

UN number	3170
UN proper shipping name	ALUMINIUM SMELTING BY-PRODUCTS or ALUMINIUM REMELTING BY-PRODUCTS
Transport hazard class(es)	Class: 4.3 Subrisk: Not Applicable
Packing group	III
Environmental hazard	Not Applicable
Special precautions for user	Special provisions: 223 244 Limited quantity: 1 kg

Air transport (ICAO-IATA / DGR)

UN number	3170
UN proper shipping name	Aluminium remelting by-products; Aluminium smelting by-products
Transport hazard class(es)	ICAO/IATA Class: 4.3 ICAO / IATA Subrisk: Not Applicable ERG Code: 4W
Packing group	III
Environmental hazard	Not Applicable

Continued...

Special precautions for user	Special provisions	A3A102
	Cargo Only Packing Instructions	491
	Cargo Only Maximum Qty / Pack	100 kg
	Passenger and Cargo Packing Instructions	486
	Passenger and Cargo Maximum Qty / Pack	25 kg
	Passenger and Cargo Limited Quantity Packing Instructions	Y477
	Passenger and Cargo Limited Maximum Qty / Pack	10 kg

Sea transport (IMDG-Code / GGVSee)

UN number	3170	
UN proper shipping name	ALUMINIUM SMELTING BY-PRODUCTS or ALUMINIUM RE-MELTING BY-PRODUCTS	
Transport hazard class(es)	IMDG Class	4.3
	IMDG Subrisk	Not Applicable
Packing group	III	
Environmental hazard	Not Applicable	
Special precautions for user	EMS Number	F-G , S-P
	Special provisions	223 244
	Limited Quantities	1 kg

Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

SECTION 15 REGULATORY INFORMATION

Safety, health and environmental regulations / legislation specific for the substance or mixture

SILICA CRYSTALLINE - QUARTZ(14808-60-7) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Hazardous Substances Information System - Consolidated Lists
Australia Inventory of Chemical Substances (AICS)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

ALUMINIUM OXIDE(1344-28-1.) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Inventory of Chemical Substances (AICS)

CARBON, NON-ACTIVATED(7440-44-0) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Inventory of Chemical Substances (AICS)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs
International Air Transport Association (IATA) Dangerous Goods Regulations - Prohibited List Passenger and Cargo Aircraft

SODIUM HYDROXIDE(1310-73-2) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Hazardous Substances Information System - Consolidated Lists
Australia Inventory of Chemical Substances (AICS)

SODIUM FLUORIDE(7681-49-4) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Hazardous Substances Information System - Consolidated Lists
Australia Inventory of Chemical Substances (AICS)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

SODIUM ALUMINIUM FLUORIDE(15096-52-3) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Hazardous Substances Information System - Consolidated Lists
Australia Inventory of Chemical Substances (AICS)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

CALCIUM FLUORIDE(7789-75-5) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Inventory of Chemical Substances (AICS)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

CALCIUM OXIDE(1305-78-8) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Hazardous Substances Information System - Consolidated Lists
Australia Inventory of Chemical Substances (AICS)

ALUMINIUM(7429-90-5) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Hazardous Substances Information System - Consolidated Lists
Australia Inventory of Chemical Substances (AICS)

IRON(7439-89-6) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Inventory of Chemical Substances (AICS)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

FERRIC OXIDE(1309-37-1) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Continued...

Australia Exposure Standards	Australia Inventory of Chemical Substances (AICS)
Australia Hazardous Substances Information System - Consolidated Lists	International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

SULFUR(7704-34-9.) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Hazardous Substances Information System - Consolidated Lists	International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs
Australia Inventory of Chemical Substances (AICS)	

National Inventory	Status
Australia - AICS	Y
Canada - DSL	Y
Canada - NDSL	N (sulfur; silica crystalline - quartz; aluminium oxide; sodium fluoride; aluminium; carbon, non-activated; ferric oxide; iron; calcium oxide; sodium hydroxide)
China - IECSC	Y
Europe - EINEC / ELINCS / NLP	Y
Japan - ENCS	N (sulfur; silica crystalline - quartz; aluminium oxide; sodium fluoride; aluminium; carbon, non-activated; sodium aluminium fluoride; iron; calcium oxide)
Korea - KECI	Y
New Zealand - NZIoC	Y
Philippines - PICCS	Y
USA - TSCA	Y
Legend:	*Y = All ingredients are on the inventory* *N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing(see specific ingredients in brackets)*

SECTION 16 OTHER INFORMATION

Other information

Ingredients with multiple cas numbers

Name	CAS No
silica crystalline - quartz	14808-60-7, 122304-48-7, 122304-49-8, 12425-26-2, 1317-79-9, 70594-95-5, 87347-84-0, 308075-07-2
carbon, non-activated	7440-44-0, 82600-58-6
sodium hydroxide	1310-73-2, 12200-64-5
sodium aluminium fluoride	15096-52-3, 13775-53-6, 1331-71-1
calcium fluoride	7789-75-5, 14542-23-5
aluminium	7429-90-5, 91728-14-2

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

Definitions and abbreviations

PC—TWA: Permissible Concentration-Time Weighted Average
PC—STEL: Permissible Concentration-Short Term Exposure Limit
IARC: International Agency for Research on Cancer
ACGIH: American Conference of Governmental Industrial Hygienists
STEL: Short Term Exposure Limit
TEEL: Temporary Emergency Exposure Limit。
IDLH: Immediately Dangerous to Life or Health Concentrations
OSF: Odour Safety Factor
NOAEL :No Observed Adverse Effect Level
LOAEL: Lowest Observed Adverse Effect Level
TLV: Threshold Limit Value
LOD: Limit Of Detection
OTV: Odour Threshold Value
BCF: BioConcentration Factors
BEI: Biological Exposure Index

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HiCAl 30 Mineralising Carbon

Regain Services Pty Ltd

Version No: **1.2**
Safety Data Sheet according to WHS and ADG requirements

Issue Date: **02/11/2017**
Print Date: **02/11/2017**
S.GHS.AUS.EN

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product Identifier

Product name	HiCAl 30 Mineralising Carbon
Synonyms	Not Available
Other means of identification	Not Available

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	A mineral product rich in fluoride, sodium, alumina and carbon. Designed for use in cement clinker manufacture. The presence of fluoride may result in a beneficial fluxing and/or mineralisation effect that reduces firing temperature and promotes desired phase formation in manufacture of cement clinker. The presence of sodium may improve the burning process and sulphur binding thereby improving kiln operation and clinker quality. The presence of carbon may substitute other types of fuels used for clinkerization.

Details of the supplier of the safety data sheet

Registered company name	**Regain Services Pty Ltd**
Address	Level 12, 390 St. Kilda Road Melbourne Victoria Australia
Telephone	+61 3 9514 8600
Fax	+61 3 9514 8642
Website	www.regainmaterials.com
Email	info@regainmaterials.com

Emergency telephone number

Association / Organisation	**Not Available**
Emergency telephone numbers	+61 3 9514 8600
Other emergency telephone numbers	+61 417 556 831

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

Poisons Schedule	Not Applicable
Classification [1]	Acute Toxicity (Oral) Category 4, Skin Corrosion/Irritation Category 2, Eye Irritation Category 2A, Specific target organ toxicity - repeated exposure Category 2
Legend:	*1. Classified by Chemwatch; 2. Classification drawn from HSIS ; 3. Classification drawn from EC Directive 1272/2008 - Annex VI*

Label elements

Hazard pictogram(s)	
SIGNAL WORD	**WARNING**

Hazard statement(s)

H302	Harmful if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H373	May cause damage to organs through prolonged or repeated exposure.

Precautionary statement(s) Prevention

P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P270	Do not eat, drink or smoke when using this product.

Continued...

Precautionary statement(s) Response

P362	Take off contaminated clothing and wash before reuse.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Precautionary statement(s) Storage

Not Applicable

Precautionary statement(s) Disposal

P501	Dispose of contents/container in accordance with local regulations.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substances

See section below for composition of Mixtures

Mixtures

CAS No	%[weight]	Name
7440-44-0	30-35	carbon, non-activated
1302-93-8	10-15	mullite
7681-49-4	10-15	sodium fluoride
12251-27-3	5-10	nepheline
15096-52-3	5-10	sodium aluminium fluoride
1344-28-1.	5-10	aluminium oxide
60676-86-0	0-5	silica fused
1309-38-2	0-5	magnetite
7789-75-5	0-5	calcium fluoride

SECTION 4 FIRST AID MEASURES

Description of first aid measures

Eye Contact	If this product comes in contact with the eyes: ▸ Wash out immediately with fresh running water. ▸ Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. ▸ Seek medical attention without delay; if pain persists or recurs seek medical attention. ▸ Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin Contact	If skin contact occurs: ▸ Immediately remove all contaminated clothing, including footwear. ▸ Flush skin and hair with running water (and soap if available). ▸ Seek medical attention in event of irritation.
Inhalation	▸ If fumes, aerosols or combustion products are inhaled remove from contaminated area. ▸ Other measures are usually unnecessary.
Ingestion	▸ **IF SWALLOWED, REFER FOR MEDICAL ATTENTION, WHERE POSSIBLE, WITHOUT DELAY.** ▸ For advice, contact a Poisons Information Centre or a doctor. ▸ Urgent hospital treatment is likely to be needed. ▸ In the mean time, qualified first-aid personnel should treat the patient following observation and employing supportive measures as indicated by the patient's condition. ▸ If the services of a medical officer or medical doctor are readily available, the patient should be placed in his/her care and a copy of the SDS should be provided. Further action will be the responsibility of the medical specialist. ▸ If medical attention is not available on the worksite or surroundings send the patient to a hospital together with a copy of the SDS. **Where medical attention is not immediately available or where the patient is more than 15 minutes from a hospital or unless instructed otherwise:** ▸ **INDUCE** vomiting with fingers down the back of the throat, **ONLY IF CONSCIOUS**. Lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. **NOTE:** Wear a protective glove when inducing vomiting by mechanical means.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

For acute or short term repeated exposures to fluorides:

- Fluoride absorption from gastro-intestinal tract may be retarded by calcium salts, milk or antacids.
- Fluoride particulates or fume may be absorbed through the respiratory tract with 20-30% deposited at alveolar level.
- Peak serum levels are reached 30 mins. post-exposure; 50% appears in the urine within 24 hours.
- For acute poisoning (endotracheal intubation if inadequate tidal volume), monitor breathing and evaluate/monitor blood pressure and pulse frequently since shock may supervene with little warning. Monitor ECG immediately; watch for arrhythmias and evidence of Q-T prolongation or T-wave changes. Maintain monitor. Treat shock vigorously with isotonic saline (in 5% glucose) to restore blood volume and enhance renal excretion.
- Where evidence of hypocalcaemic or normocalcaemic tetany exists, calcium gluconate (10 ml of a 10% solution) is injected to avoid tachycardia.

BIOLOGICAL EXPOSURE INDEX - BEI

These represent the determinants observed in specimens collected from a healthy worker exposed at the Exposure Standard (ES or TLV):

Determinant	Index	Sampling Time	Comments
Fluorides in urine	3 mg/gm creatinine	Prior to shift	B, NS
	10mg/gm creatinine	End of shift	B, NS

Continued...

B: Background levels occur in specimens collected from subjects **NOT** exposed

NS: Non-specific determinant; also observed after exposure to other exposures.

SECTION 5 FIREFIGHTING MEASURES

Extinguishing media

- Use dry chemical or CO2. Cover with dry earth, sand or other non-combustible material.

Special hazards arising from the substrate or mixture

Fire Incompatibility	▸ Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result

Advice for firefighters

Fire Fighting	▸ Alert Fire Brigade and tell them location and nature of hazard. ▸ Wear breathing apparatus plus protective gloves in the event of a fire. ▸ Prevent, by any means available, spillage from entering drains or water courses ▸ DO NOT Approach containers suspected to be hot. ▸ Cool fire exposed containers with water spray from a protected location. ▸ If safe to do so, remove containers from path of fire. ▸ Equipment should be thouroughly decontaminated after use.
Fire/Explosion Hazard	Combustion products include: carbon monoxide (CO) carbon dioxide (CO2) hydrogen fluoride silicon dioxide (SiO2) May emit poisonous fumes. May emit corrosive fumes.
HAZCHEM	Not Applicable

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

See section 8

Environmental precautions

See section 12

Methods and material for containment and cleaning up

Minor Spills	▸ Clean up all spills immediately. ▸ Avoid contact with skin and eyes. ▸ Control personal contact with substance, by using protective Equipment. ▸ Use dry clean up procedures and avoid generating dust.
Major Spills	Moderate hazard. ▸ **CAUTION**:Advise personnel in area. ▸ Control personal contact by wearing protective clothing. ▸ Prevent, by any means available, spillage from entering drains or water courses. ▸ Recover product wherever possible. ▸ **IF DRY**:Use dry clean up procedures and avoid generating dust. Collect residues and place in sealed plastic bags or other containers for disposal. **IF WET**: Vacuum/shovel up and place in labelled containers for disposal.

Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

Safe handling	▸ Wear protective clothing when risk of exposure occurs. ▸ Use in a well-ventilated area. ▸ When handling, **DO NOT** eat, drink or smoke. ▸ Keep containers securely sealed when not in use. ▸ Avoid physical damage to containers. ▸ Always wash hands with soap and water after handling. ▸ Work clothes should be laundered separately. Launder contaminated clothing before re-use. ▸ Use good occupational work practice. ▸ Observe manufacturer's storage and handling recommendations contained within this SDS.
Other information	▸ Store in ventilated area. ▸ Store in a cool, dry area protected from environmental extremes. ▸ Avoid run-off water. ▸ Store away from incompatible materials and foodstuff containers. ▸ Protect containers against physical damage and check regularly for leaks. ▸ Observe manufacturer's storage and handling recommendations contained within this SDS. For major quantities: ▸ Consider storage in bunded areas - ensure storage areas are isolated from sources of community water (including stormwater, ground water, lakes and streams). ▸ Ensure that accidental discharge to air or water is the subject of a contingency disaster management plan.

Continued...

Conditions for safe storage, including any incompatibilities

Suitable container	▸ Store in accordance with manufacturer's recommendation and local regulation. ▸ Store in segregated and approved area. ▸ Store so as to avoid dust generation and dispersal.
Storage incompatibility	For aluminas (aluminium oxide): Incompatible with hot chlorinated rubber. In the presence of chlorine trifluoride may react violently and ignite. Sodium fluoride: ▸ aqueous solutions attack glass and react violently with xenon hexafluoride; are incompatible with sulfuric acid, caustics, ammonia, aliphatic amines, alkanolamines, amides, organic anhydrides, isocyanates, vinyl acetate, alkylene oxides, epichlorohydrin ▸ reacts with acids forming hydrogen fluoride ▸ Contact with acids produces toxic fumes For carbon powders: ▸ Avoid oxidising agents, reducing agents.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

OCCUPATIONAL EXPOSURE LIMITS (OEL)

INGREDIENT DATA

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
Australia Exposure Standards	aluminium oxide	a-Alumina (Al2O3)	Not Available	Not Available	Not Available	Not Available
Australia Exposure Standards	aluminium oxide	Aluminium oxide	10 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	silica fused	Silica, fused	Not Available	Not Available	Not Available	Not Available

EMERGENCY LIMITS

Ingredient	Material name	TEEL-1	TEEL-2	TEEL-3
carbon, non-activated	Carbon; (Graphite, synthetic)	6 mg/m3	16 mg/m3	95 mg/m3
sodium fluoride	Sodium fluoride	17 mg/m3	90 mg/m3	1,100 mg/m3
aluminium oxide	Aluminum oxide; (Alumina)	5.7 mg/m3	15 mg/m3	25 mg/m3
calcium fluoride	Calcium fluoride	15 mg/m3	170 mg/m3	1,000 mg/m3

Ingredient	Original IDLH	Revised IDLH
carbon, non-activated	Not Available	Not Available
mullite	Not Available	Not Available
sodium fluoride	250 mg/m3	Not Available
nepheline	Not Available	Not Available
sodium aluminium fluoride	Not Available	Not Available
aluminium oxide	Not Available	Not Available
silica fused	Not Available	Not Available
magnetite	Not Available	Not Available
calcium fluoride	250 mg/m3	Not Available

Exposure controls

Appropriate engineering controls	Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Engineering controls may be required to control the primary or secondary risks associated with this product. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits.Use explosion-proof ventilation Equipment.
Personal protection	
Eye and face protection	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn unless the assessment indicates a higher degree of protection:chemical splash goggles.
Skin protection	See Hand protection below
Hands/feet protection	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Body protection	See Other protection below

Continued...

Other protection	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important spects of use. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Thermal hazards	Not Available

Recommended material(s)

GLOVE SELECTION INDEX

Glove selection is based on a modified presentation of the:
"Forsberg Clothing Performance Index".
The effect(s) of the following substance(s) are taken into account in the ***computer-generated*** selection:
HiCAl 30 Mineralising Carbon

Material	CPI
NATURAL RUBBER	A
NEOPRENE	A
NITRILE	A
PVC	A

* CPI - Chemwatch Performance Index
A: Best Selection
B: Satisfactory; may degrade after 4 hours continuous immersion
C: Poor to Dangerous Choice for other than short term immersion
NOTE: As a series of factors will influence the actual performance of the glove, a final selection must be based on detailed observation. -
* Where the glove is to be used on a short term, casual or infrequent basis, factors such as "feel" or convenience (e.g. disposability), may dictate a choice of gloves which might otherwise be unsuitable following long-term or frequent use. A qualified practitioner should be consulted.

Respiratory protection

Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Dark

Physical state	Solid	**Relative density (Water = 1)**	1.3
Odour	Ammonia-Like	**Partition coefficient n-octanol / water**	Not Available
Odour threshold	Not Available	**Auto-ignition temperature (°C)**	Not Applicable
pH (as supplied)	Not Available	**Decomposition temperature**	Not Applicable
Melting point / freezing point (°C)	Not Applicable	**Viscosity (cSt)**	Not Applicable
Initial boiling point and boiling range (°C)	Not Applicable	**Molecular weight (g/mol)**	Not Applicable
Flash point (°C)	Not Applicable	**Taste**	Not Available
Evaporation rate	Not Available	**Explosive properties**	Not Available
Flammability	Not Applicable	**Oxidising properties**	Not Available
Upper Explosive Limit (%)	Not Applicable	**Surface Tension (dyn/cm or mN/m)**	Not Applicable
Lower Explosive Limit (%)	Not Applicable	**Volatile Component (%vol)**	Negligible
Vapour pressure (kPa)	Not Applicable	**Gas group**	Not Available
Solubility in water (g/L)	Not Applicable	**pH as a solution (1%)**	Not Applicable
Vapour density (Air = 1)	Not Applicable	**VOC g/L**	Not Applicable

SECTION 10 STABILITY AND REACTIVITY

Reactivity	See section 7
Chemical stability	▸ Unstable in the presence of incompatible materials. ▸ Product is considered stable.
Possibility of hazardous reactions	See section 7
Conditions to avoid	See section 7
Incompatible materials	See section 7
Hazardous decomposition products	See section 5

SECTION 11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

Inhaled	The material is not thought to produce either adverse health effects or irritation of the respiratory tract following inhalation (as classified by EC Directives using animal models). Nevertheless, adverse systemic effects have been produced following exposure of animals by at least one other route and good

Continued...

	hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.
Ingestion	Accidental ingestion of the material may be harmful; animal experiments indicate that ingestion of less than 150 gram may be fatal or may produce serious damage to the health of the individual. Acute toxic responses to aluminium are confined to the more soluble forms.
Skin Contact	This material can cause inflammation of the skin on contact in some persons. The material may accentuate any pre-existing dermatitis condition Though considered non-harmful, slight irritation may result from contact because of the abrasive nature of the aluminium oxide particles. Thus it may cause itching and skin reaction and inflammation. Open cuts, abraded or irritated skin should not be exposed to this material
Eye	This material can cause eye irritation and damage in some persons. Eyes exposed to carbon particulates may be liable to irritation and burning. These can remain in the eye causing inflammation lasting weeks, and can cause permanent dark dotty discolouration.
Chronic	Long-term exposure to the product is not thought to produce chronic effects adverse to the health (as classified by EC Directives using animal models); nevertheless exposure by all routes should be minimised as a matter of course.

HiCAl 30 Mineralising Carbon

TOXICITY	IRRITATION
Not Available	Not Available

carbon, non-activated

TOXICITY	IRRITATION
Not Available	Not Available

mullite

TOXICITY	IRRITATION
Not Available	Not Available

sodium fluoride

TOXICITY	IRRITATION
dermal (rat) LD50: >2000 mg/kg[1]	Eye (rabbit): 20 mg/24h-moderate
Oral (rat) LD50: >25<2000 mg/kg>[1]	

nepheline

TOXICITY	IRRITATION
Not Available	Not Available

sodium aluminium fluoride

TOXICITY	IRRITATION
Oral (rat) LD50: >5000 mg/kg[2]	Not Available

aluminium oxide

TOXICITY	IRRITATION
Oral (rat) LD50: >2000 mg/kg[1]	Not Available

silica fused

TOXICITY	IRRITATION
Not Available	Not Available

magnetite

TOXICITY	IRRITATION
Oral (rat) LD50: >10000 mg/kg[2]	Not Available

calcium fluoride

TOXICITY	IRRITATION
Oral (rat) LD50: 4250 mg/kg[2]	Not Available

Legend:	*1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2.* Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances*

CARBON, NON-ACTIVATED	Substance has been investigated as a reproductive effector.
MULLITE	No data of toxicological significance identified in literature search.
SODIUM FLUORIDE	The material may produce moderate eye irritation leading to inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis. The substance is classified by IARC as Group 3: **NOT** classifiable as to its carcinogenicity to humans. Evidence of carcinogenicity may be inadequate or limited in animal testing.
NEPHELINE	No data available No data available
SODIUM ALUMINIUM FLUORIDE	No significant acute toxicological data identified in literature search.

Continued...

SILICA FUSED	For silica amorphous: When experimental animals inhale synthetic amorphous silica (SAS) dust, it dissolves in the lung fluid and is rapidly eliminated. If swallowed, the vast majority of SAS is excreted in the faeces and there is little accumulation in the body. Inhalation (rat) TCLo: 197 mg/m3/6H/26W-I
SODIUM FLUORIDE & CALCIUM FLUORIDE	Asthma-like symptoms may continue for months or even years after exposure to the material ends. This may be due to a non-allergic condition known as reactive airways dysfunction syndrome (RADS) which can occur after exposure to high levels of highly irritating compound.

Acute Toxicity	✔	**Carcinogenicity**	⊘
Skin Irritation/Corrosion	✔	**Reproductivity**	⊘
Serious Eye Damage/Irritation	✔	**STOT - Single Exposure**	⊘
Respiratory or Skin sensitisation	⊘	**STOT - Repeated Exposure**	✔
Mutagenicity	⊘	**Aspiration Hazard**	⊘

Legend: ✘ *– Data available but does not fill the criteria for classification*
✔ *– Data available to make classification*
⊘ *– Data Not Available to make classification*

SECTION 12 ECOLOGICAL INFORMATION

Toxicity

HiCAl 30 Mineralising Carbon

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
Not Available	Not Available	Not Available	Not Available	Not Available

carbon, non-activated

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
Not Available	Not Available	Not Available	Not Available	Not Available

mullite

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
Not Available	Not Available	Not Available	Not Available	Not Available

sodium fluoride

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
LC50	96	Fish	51mg/L	2
EC50	48	Crustacea	58mg/L	4
EC50	96	Algae or other aquatic plants	181mg/L	4
BCF	240	Fish	5mg/L	4
NOEC	504	Fish	4mg/L	2

nepheline

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
Not Available	Not Available	Not Available	Not Available	Not Available

sodium aluminium fluoride

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
LC50	96	Fish	42.5mg/L	4
EC50	48	Crustacea	5mg/L	4

aluminium oxide

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
LC50	96	Fish	0.0029mg/L	2
EC50	48	Crustacea	0.7364mg/L	2
EC50	96	Algae or other aquatic plants	0.0054mg/L	2
NOEC	72	Algae or other aquatic plants	>=0.004mg/L	2

silica fused

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
Not Available	Not Available	Not Available	Not Available	Not Available

magnetite

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
Not Available	Not Available	Not Available	Not Available	Not Available

calcium fluoride

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
LC50	96	Fish	51mg/L	2
NOEC	504	Fish	4mg/L	2

Continued...

Legend:	*Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 3. EPIWIN Suite V3.12 (QSAR) - Aquatic Toxicity Data (Estimated) 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) - Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data*

DO NOT discharge into sewer or waterways.

Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
sodium fluoride	LOW	LOW

Bioaccumulative potential

Ingredient	Bioaccumulation
sodium fluoride	LOW (BCF = 6.4)

Mobility in soil

Ingredient	Mobility
sodium fluoride	LOW (KOC = 14.3)

SECTION 13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Product / Packaging disposal	▸ Containers may still present a chemical hazard/ danger when empty. ▸ Return to supplier for reuse/ recycling if possible. Otherwise: ▸ Recycle whereever possible or consult manufacturer for recycling options. ▸ Consult local land waste management authority for disposal. ▸ Bury residue in an authorized landfill. ▸ Recycle containers if possible, or dispose in an authorized landfill. ▸ **DO NOT**allow wash water from cleaning or process equipment to enter drains.

SECTION 14 TRANSPORT INFORMATION

Labels Required

Marine Pollutant	NO
HAZCHEM	Not Applicable

Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

SECTION 15 REGULATORY INFORMATION

Safety, health and environmental regulations / legislation specific for the substance or mixture

CARBON, NON-ACTIVATED(7440-44-0) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Inventory of Chemical Substances (AICS)
International Air Transport Association (IATA) Dangerous Goods Regulations - Prohibited List Passenger and Cargo Aircraft

MULLITE(1302-93-8) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Inventory of Chemical Substances (AICS)

SODIUM FLUORIDE(7681-49-4) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Inventory of Chemical Substances (AICS)
Australia Hazardous Substances Information System - Consolidated Lists
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

NEPHELINE(12251-27-3) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Not Applicable

SODIUM ALUMINIUM FLUORIDE(15096-52-3) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Inventory of Chemical Substances (AICS)
Australia Hazardous Substances Information System - Consolidated Lists
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

ALUMINIUM OXIDE(1344-28-1.) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Inventory of Chemical Substances (AICS)

Continued...

SILICA FUSED(60676-86-0) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards | Australia Inventory of Chemical Substances (AICS)

MAGNETITE(1309-38-2) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Inventory of Chemical Substances (AICS)

CALCIUM FLUORIDE(7789-75-5) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards | International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs
Australia Inventory of Chemical Substances (AICS)

National Inventory	Status
Australia - AICS	N (nepheline)
Canada - DSL	Y
Canada - NDSL	N (magnetite; silica fused; nepheline; sodium fluoride; aluminium oxide; carbon, non-activated; mullite)
China - IECSC	Y
Europe - EINEC / ELINCS / NLP	N (nepheline)
Japan - ENCS	N (silica fused; nepheline; carbon, non-activated; sodium aluminium fluoride)
Korea - KECI	Y
New Zealand - NZIoC	Y
Philippines - PICCS	N (mullite)
USA - TSCA	N (nepheline)
Legend:	*Y = All ingredients are on the inventory* *N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing(see specific ingredients in brackets)*

SECTION 16 OTHER INFORMATION

Other information

Ingredients with multiple cas numbers

Name	CAS No
carbon, non-activated	7440-44-0, 82600-58-6
mullite	1302-93-8, 61027-90-5
nepheline	12251-27-3, 37244-96-5
sodium aluminium fluoride	15096-52-3, 13775-53-6, 1331-71-1
aluminium oxide	1344-28-1., 1011245-20-7, 1022097-81-9, 107462-07-7, 107874-14-6, 1097999-44-4, 1197416-35-5, 122784-35-4, 1234495-70-5, 1239586-42-5, 12522-88-2, 127361-04-0, 12737-16-5, 131689-14-0, 1346644-15-2, 135152-65-7, 1355357-83-3, 135667-70-8, 138361-58-7, 148619-39-0, 152743-26-5, 153858-98-1, 157516-29-5, 163581-50-8, 165390-91-0, 170448-81-4, 190401-78-6, 200295-99-4, 205316-36-5, 209552-43-2, 230616-05-4, 252756-35-7, 253606-46-1, 253606-47-2, 253606-45-0, 268724-08-9, 39354-49-9, 457654-46-5, 488831-46-5, 521982-71-8, 53809-96-4, 54352-04-4, 546141-61-1, 663170-52-3, 67853-35-4, 67894-14-8, 67894-42-2, 68189-68-4, 68389-42-4, 68389-43-5, 74871-10-6, 76363-81-0, 84149-21-3, 90669-62-8, 916225-60-0, 960377-08-6, 11092-32-3
calcium fluoride	7789-75-5, 14542-23-5

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.
The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

Definitions and abbreviations

PC—TWA: Permissible Concentration-Time Weighted Average
PC—STEL: Permissible Concentration-Short Term Exposure Limit
IARC: International Agency for Research on Cancer
ACGIH: American Conference of Governmental Industrial Hygienists
STEL: Short Term Exposure Limit
TEEL: Temporary Emergency Exposure Limit。
IDLH: Immediately Dangerous to Life or Health Concentrations
OSF: Odour Safety Factor
NOAEL :No Observed Adverse Effect Level
LOAEL: Lowest Observed Adverse Effect Level
TLV: Threshold Limit Value
LOD: Limit Of Detection
OTV: Odour Threshold Value
BCF: BioConcentration Factors
BEI: Biological Exposure Index

Powered by AuthorITe, from Chemwatch.

end of SDS

HiCAl 40 Mineralising Carbon

Regain Services Pty Ltd

Version No: **2.1**
Safety Data Sheet according to WHS and ADG requirements

Issue Date: **04/11/2017**
Print Date: **04/11/2017**
S.GHS.AUS.EN

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product Identifier

Product name	HiCAl 40 Mineralising Carbon
Synonyms	Not Available
Other means of identification	Not Available

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	A mineral product rich in fluoride, sodium, alumina and carbon. Designed for use in cement clinker manufacture. The presence of fluoride may result in a beneficial fluxing and/or mineralisation effect that reduces firing temperature and promotes desired phase formation in manufacture of cement clinker. The presence of sodium may improve the burning process and sulphur binding thereby improving kiln operation and clinker quality. The presence of carbon may substitute other types of fuels used for clinkerization.

Details of the supplier of the safety data sheet

Registered company name	**Regain Services Pty Ltd**
Address	Level 12, 390 St. Kilda Road Melbourne Victoria Australia
Telephone	+61 3 9514 8600
Fax	+61 3 9514 8642
Website	www.regainmaterials.com
Email	info@regainmaterials.com

Emergency telephone number

Association / Organisation	**Not Available**
Emergency telephone numbers	+61 3 9514 8600
Other emergency telephone numbers	+61 417 556 831

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

Poisons Schedule	Not Applicable
Classification [1]	Acute Toxicity (Oral) Category 4, Skin Corrosion/Irritation Category 2, Eye Irritation Category 2A, Specific target organ toxicity - repeated exposure Category 2
Legend:	*1. Classified by Chemwatch; 2. Classification drawn from HSIS ; 3. Classification drawn from EC Directive 1272/2008 - Annex VI*

Label elements

Hazard pictogram(s)	
SIGNAL WORD	**WARNING**

Hazard statement(s)

H302	Harmful if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H373	May cause damage to organs through prolonged or repeated exposure.

Precautionary statement(s) Prevention

P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P270	Do not eat, drink or smoke when using this product.

Continued...

Precautionary statement(s) Response

P362	Take off contaminated clothing and wash before reuse.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Precautionary statement(s) Storage

Not Applicable

Precautionary statement(s) Disposal

P501	Dispose of contents/container in accordance with local regulations.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substances

See section below for composition of Mixtures

Mixtures

CAS No	%[weight]	Name
7440-44-0	40-45	carbon, non-activated
1302-93-8	10-15	mullite
7681-49-4	10-15	sodium fluoride
12251-27-3	5-10	nepheline
15096-52-3	5-10	sodium aluminium fluoride
1344-28-1.	5-10	aluminium oxide
60676-86-0	0-5	silica fused
1309-38-2	0-5	magnetite
7789-75-5	0-5	calcium fluoride

SECTION 4 FIRST AID MEASURES

Description of first aid measures

Eye Contact	If this product comes in contact with the eyes: ▸ Wash out immediately with fresh running water. ▸ Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. ▸ Seek medical attention without delay; if pain persists or recurs seek medical attention. ▸ Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin Contact	If skin contact occurs: ▸ Immediately remove all contaminated clothing, including footwear. ▸ Flush skin and hair with running water (and soap if available). ▸ Seek medical attention in event of irritation.
Inhalation	▸ If fumes, aerosols or combustion products are inhaled remove from contaminated area. ▸ Other measures are usually unnecessary.
Ingestion	▸ **IF SWALLOWED, REFER FOR MEDICAL ATTENTION, WHERE POSSIBLE, WITHOUT DELAY.** ▸ For advice, contact a Poisons Information Centre or a doctor. ▸ Urgent hospital treatment is likely to be needed. ▸ In the mean time, qualified first-aid personnel should treat the patient following observation and employing supportive measures as indicated by the patient's condition. ▸ If the services of a medical officer or medical doctor are readily available, the patient should be placed in his/her care and a copy of the SDS should be provided. Further action will be the responsibility of the medical specialist. ▸ If medical attention is not available on the worksite or surroundings send the patient to a hospital together with a copy of the SDS. **Where medical attention is not immediately available or where the patient is more than 15 minutes from a hospital or unless instructed otherwise:** ▸ **INDUCE** vomiting with fingers down the back of the throat, **ONLY IF CONSCIOUS**. Lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. **NOTE:** Wear a protective glove when inducing vomiting by mechanical means.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

For acute or short term repeated exposures to fluorides:

- Fluoride absorption from gastro-intestinal tract may be retarded by calcium salts, milk or antacids.
- Fluoride particulates or fume may be absorbed through the respiratory tract with 20-30% deposited at alveolar level.
- Peak serum levels are reached 30 mins. post-exposure; 50% appears in the urine within 24 hours.
- For acute poisoning (endotracheal intubation if inadequate tidal volume), monitor breathing and evaluate/monitor blood pressure and pulse frequently since shock may supervene with little warning. Monitor ECG immediately; watch for arrhythmias and evidence of Q-T prolongation or T-wave changes. Maintain monitor. Treat shock vigorously with isotonic saline (in 5% glucose) to restore blood volume and enhance renal excretion.
- Where evidence of hypocalcaemic or normocalcaemic tetany exists, calcium gluconate (10 ml of a 10% solution) is injected to avoid tachycardia.

BIOLOGICAL EXPOSURE INDEX - BEI

These represent the determinants observed in specimens collected from a healthy worker exposed at the Exposure Standard (ES or TLV):

Determinant	Index	Sampling Time	Comments
Fluorides in urine	3 mg/gm creatinine	Prior to shift	B, NS
	10mg/gm creatinine	End of shift	B, NS

Continued...

B: Background levels occur in specimens collected from subjects **NOT** exposed

NS: Non-specific determinant; also observed after exposure to other exposures.

SECTION 5 FIREFIGHTING MEASURES

Extinguishing media

- Use dry chemical or CO2. Cover with dry earth, sand or other non-combustible material.

Special hazards arising from the substrate or mixture

Fire Incompatibility	▸ Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result

Advice for firefighters

Fire Fighting	▸ Alert Fire Brigade and tell them location and nature of hazard. ▸ Wear breathing apparatus plus protective gloves in the event of a fire. ▸ Prevent, by any means available, spillage from entering drains or water courses ▸ DO NOT Approach containers suspected to be hot. ▸ Cool fire exposed containers with water spray from a protected location. ▸ If safe to do so, remove containers from path of fire. ▸ Equipment should be thouroughly decontaminated after use.
Fire/Explosion Hazard	Combustion products include: carbon monoxide (CO) carbon dioxide (CO2) hydrogen fluoride other pyrolysis products typical of burning organic material. May emit poisonous fumes. May emit corrosive fumes.
HAZCHEM	Not Applicable

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

See section 8

Environmental precautions

See section 12

Methods and material for containment and cleaning up

Minor Spills	▸ Clean up all spills immediately. ▸ Avoid contact with skin and eyes. ▸ Control personal contact with substance, by using protective Equipment. ▸ Use dry clean up procedures and avoid generating dust.
Major Spills	Moderate hazard. ▸ **CAUTION**:Advise personnel in area. ▸ Control personal contact by wearing protective clothing. ▸ Prevent, by any means available, spillage from entering drains or water courses. ▸ Recover product wherever possible. ▸ **IF DRY:** Use dry clean up procedures and avoid generating dust. Collect residues and place in sealed plastic bags or other containers for disposal. **IF WET:** Vacuum/shovel up and place in labelled containers for disposal.

Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

Safe handling	▸ Wear protective clothing when risk of exposure occurs. ▸ Use in a well-ventilated area. ▸ When handling, DO NOT eat, drink or smoke. ▸ Keep containers securely sealed when not in use. ▸ Avoid physical damage to containers. ▸ Always wash hands with soap and water after handling. ▸ Work clothes should be laundered separately. Launder contaminated clothing before re-use. ▸ Use good occupational work practice. ▸ Observe manufacturer's storage and handling recommendations contained within this SDS.
Other information	▸ Store in ventilated area. ▸ Store in a cool, dry area protected from environmental extremes. ▸ Avoid run-off water. ▸ Store away from incompatible materials and foodstuff containers. ▸ Protect containers against physical damage and check regularly for leaks. ▸ Observe manufacturer's storage and handling recommendations contained within this SDS. For major quantities: ▸ Consider storage in bunded areas - ensure storage areas are isolated from sources of community water (including stormwater, ground water, lakes and streams). ▸ Ensure that accidental discharge to air or water is the subject of a contingency disaster management plan.

Continued...

Conditions for safe storage, including any incompatibilities

Suitable container	▸ Store in accordance with manufacturer's recommendation and local regulation. ▸ Store in segregated and approved area. ▸ Store so as to avoid dust generation and dispersal.
Storage incompatibility	For aluminas (aluminium oxide): Incompatible with hot chlorinated rubber. In the presence of chlorine trifluoride may react violently and ignite. Sodium fluoride: ▸ aqueous solutions attack glass and react violently with xenon hexafluoride; are incompatible with sulfuric acid, caustics, ammonia, aliphatic amines, alkanolamines, amides, organic anhydrides, isocyanates, vinyl acetate, alkylene oxides, epichlorohydrin ▸ reacts with acids forming hydrogen fluoride ▸ Contact with acids produces toxic fumes For carbon powders: ▸ Avoid oxidising agents, reducing agents.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

OCCUPATIONAL EXPOSURE LIMITS (OEL)

INGREDIENT DATA

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
Australia Exposure Standards	aluminium oxide	a-Alumina (Al2O3)	Not Available	Not Available	Not Available	Not Available
Australia Exposure Standards	aluminium oxide	Aluminium oxide	10 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	silica fused	Silica, fused	Not Available	Not Available	Not Available	Not Available

EMERGENCY LIMITS

Ingredient	Material name	TEEL-1	TEEL-2	TEEL-3
carbon, non-activated	Carbon; (Graphite, synthetic)	6 mg/m3	16 mg/m3	95 mg/m3
sodium fluoride	Sodium fluoride	17 mg/m3	90 mg/m3	1,100 mg/m3
aluminium oxide	Aluminum oxide; (Alumina)	5.7 mg/m3	15 mg/m3	25 mg/m3
calcium fluoride	Calcium fluoride	15 mg/m3	170 mg/m3	1,000 mg/m3

Ingredient	Original IDLH	Revised IDLH
carbon, non-activated	Not Available	Not Available
mullite	Not Available	Not Available
sodium fluoride	250 mg/m3	Not Available
nepheline	Not Available	Not Available
sodium aluminium fluoride	Not Available	Not Available
aluminium oxide	Not Available	Not Available
silica fused	Not Available	Not Available
magnetite	Not Available	Not Available
calcium fluoride	250 mg/m3	Not Available

Exposure controls

Appropriate engineering controls	Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Engineering controls may be required to control the primary or secondary risks associated with this product. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits.Use explosion-proof ventilation Equipment.
Personal protection	
Eye and face protection	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn unless the assessment indicates a higher degree of protection:chemical splash goggles.
Skin protection	See Hand protection below
Hands/feet protection	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Body protection	See Other protection below

Continued...

Other protection	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important spects of use. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Thermal hazards	Not Available

Recommended material(s)

GLOVE SELECTION INDEX

Glove selection is based on a modified presentation of the:
"Forsberg Clothing Performance Index".
The effect(s) of the following substance(s) are taken into account in the ***computer-generated*** selection:
HiCAl 40 Mineralising Carbon

Material	CPI
NATURAL RUBBER	A
NEOPRENE	A
NITRILE	A
PVC	A

* CPI - Chemwatch Performance Index
A: Best Selection
B: Satisfactory; may degrade after 4 hours continuous immersion
C: Poor to Dangerous Choice for other than short term immersion
NOTE: As a series of factors will influence the actual performance of the glove, a final selection must be based on detailed observation. -
* Where the glove is to be used on a short term, casual or infrequent basis, factors such as "feel" or convenience (e.g. disposability), may dictate a choice of gloves which might otherwise be unsuitable following long-term or frequent use. A qualified practitioner should be consulted.

Respiratory protection

Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Dark

Physical state	Solid	**Relative density (Water = 1)**	1.3
Odour	Ammonia-Like	**Partition coefficient n-octanol / water**	Not Available
Odour threshold	Not Available	**Auto-ignition temperature (°C)**	Not Applicable
pH (as supplied)	Not Applicable	**Decomposition temperature**	Not Applicable
Melting point / freezing point (°C)	Not Applicable	**Viscosity (cSt)**	Not Applicable
Initial boiling point and boiling range (°C)	Not Applicable	**Molecular weight (g/mol)**	Not Applicable
Flash point (°C)	Not Applicable	**Taste**	Not Available
Evaporation rate	Not Available	**Explosive properties**	Not Available
Flammability	Not Applicable	**Oxidising properties**	Not Available
Upper Explosive Limit (%)	Not Applicable	**Surface Tension (dyn/cm or mN/m)**	Not Applicable
Lower Explosive Limit (%)	Not Applicable	**Volatile Component (%vol)**	Negligible
Vapour pressure (kPa)	Not Applicable	**Gas group**	Not Available
Solubility in water (g/L)	Not Applicable	**pH as a solution (1%)**	Not Applicable
Vapour density (Air = 1)	Not Applicable	**VOC g/L**	Not Applicable

SECTION 10 STABILITY AND REACTIVITY

Reactivity	See section 7
Chemical stability	▸ Unstable in the presence of incompatible materials. ▸ Product is considered stable.
Possibility of hazardous reactions	See section 7
Conditions to avoid	See section 7
Incompatible materials	See section 7
Hazardous decomposition products	See section 5

SECTION 11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

Inhaled	The material is not thought to produce either adverse health effects or irritation of the respiratory tract following inhalation (as classified by EC Directives using animal models). Nevertheless, adverse systemic effects have been produced following exposure of animals by at least one other route and good

Continued...

	hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.
Ingestion	Accidental ingestion of the material may be harmful; animal experiments indicate that ingestion of less than 150 gram may be fatal or may produce serious damage to the health of the individual. Acute toxic responses to aluminium are confined to the more soluble forms.
Skin Contact	This material can cause inflammation of the skin on contact in some persons. The material may accentuate any pre-existing dermatitis condition Though considered non-harmful, slight irritation may result from contact because of the abrasive nature of the aluminium oxide particles. Thus it may cause itching and skin reaction and inflammation. Open cuts, abraded or irritated skin should not be exposed to this material
Eye	This material can cause eye irritation and damage in some persons. Eyes exposed to carbon particulates may be liable to irritation and burning. These can remain in the eye causing inflammation lasting weeks, and can cause permanent dark dotty discolouration.
Chronic	Long-term exposure to the product is not thought to produce chronic effects adverse to the health (as classified by EC Directives using animal models); nevertheless exposure by all routes should be minimised as a matter of course.

HiCAl 40 Mineralising Carbon

TOXICITY	IRRITATION
Not Available	Not Available

carbon, non-activated

TOXICITY	IRRITATION
Not Available	Not Available

mullite

TOXICITY	IRRITATION
Not Available	Not Available

sodium fluoride

TOXICITY	IRRITATION
dermal (rat) LD50: >2000 mg/kg[1]	Eye (rabbit): 20 mg/24h-moderate
Oral (rat) LD50: >25<2000 mg/kg>[1]	

nepheline

TOXICITY	IRRITATION
Not Available	Not Available

sodium aluminium fluoride

TOXICITY	IRRITATION
Oral (rat) LD50: >5000 mg/kg[2]	Not Available

aluminium oxide

TOXICITY	IRRITATION
Oral (rat) LD50: >2000 mg/kg[1]	Not Available

silica fused

TOXICITY	IRRITATION
Not Available	Not Available

magnetite

TOXICITY	IRRITATION
Oral (rat) LD50: >10000 mg/kg[2]	Not Available

calcium fluoride

TOXICITY	IRRITATION
Oral (rat) LD50: 4250 mg/kg[2]	Not Available

Legend:	*1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2.* Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances*

CARBON, NON-ACTIVATED	Substance has been investigated as a reproductive effector.
MULLITE	No data of toxicological significance identified in literature search.
SODIUM FLUORIDE	The material may produce moderate eye irritation leading to inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis. The substance is classified by IARC as Group 3: **NOT** classifiable as to its carcinogenicity to humans. Evidence of carcinogenicity may be inadequate or limited in animal testing.
NEPHELINE	No data available No data available
SODIUM ALUMINIUM FLUORIDE	No significant acute toxicological data identified in literature search.

Continued...

SILICA FUSED	For silica amorphous: When experimental animals inhale synthetic amorphous silica (SAS) dust, it dissolves in the lung fluid and is rapidly eliminated. If swallowed, the vast majority of SAS is excreted in the faeces and there is little accumulation in the body. Inhalation (rat) TCLo: 197 mg/m3/6H/26W-I
SODIUM FLUORIDE & CALCIUM FLUORIDE	Asthma-like symptoms may continue for months or even years after exposure to the material ends. This may be due to a non-allergic condition known as reactive airways dysfunction syndrome (RADS) which can occur after exposure to high levels of highly irritating compound.

Acute Toxicity	✔	**Carcinogenicity**	⊘
Skin Irritation/Corrosion	✔	**Reproductivity**	⊘
Serious Eye Damage/Irritation	✔	**STOT - Single Exposure**	⊘
Respiratory or Skin sensitisation	⊘	**STOT - Repeated Exposure**	✔
Mutagenicity	⊘	**Aspiration Hazard**	⊘

Legend: ✘ *– Data available but does not fill the criteria for classification*
✔ *– Data available to make classification*
⊘ *– Data Not Available to make classification*

SECTION 12 ECOLOGICAL INFORMATION

Toxicity

HiCAl 40 Mineralising Carbon

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
Not Available	Not Available	Not Available	Not Available	Not Available

carbon, non-activated

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
Not Available	Not Available	Not Available	Not Available	Not Available

mullite

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
Not Available	Not Available	Not Available	Not Available	Not Available

sodium fluoride

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
LC50	96	Fish	51mg/L	2
EC50	48	Crustacea	58mg/L	4
EC50	96	Algae or other aquatic plants	181mg/L	4
BCF	240	Fish	5mg/L	4
NOEC	504	Fish	4mg/L	2

nepheline

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
Not Available	Not Available	Not Available	Not Available	Not Available

sodium aluminium fluoride

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
LC50	96	Fish	42.5mg/L	4
EC50	48	Crustacea	5mg/L	4

aluminium oxide

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
LC50	96	Fish	0.0029mg/L	2
EC50	48	Crustacea	0.7364mg/L	2
EC50	96	Algae or other aquatic plants	0.0054mg/L	2
NOEC	72	Algae or other aquatic plants	>=0.004mg/L	2

silica fused

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
Not Available	Not Available	Not Available	Not Available	Not Available

magnetite

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
Not Available	Not Available	Not Available	Not Available	Not Available

calcium fluoride

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
LC50	96	Fish	51mg/L	2
NOEC	504	Fish	4mg/L	2

Continued...

Legend:	*Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 3. EPIWIN Suite V3.12 (QSAR) - Aquatic Toxicity Data (Estimated) 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) - Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data*

Bentonite and kaolin have low toxicity to aquatic species, a large number of which have been tested
For Fluorides: Small amounts of fluoride have beneficial effects however; excessive intake over long periods may cause dental and/or skeletal fluorosis. Fluorides are absorbed by humans following inhalation of workplace and ambient air that has been contaminated, ingestion of drinking water and foods and dermal contact.
For Aluminium and its Compunds and Salts:
Environmental Fate - As an element, aluminium cannot be degraded in the environment, but may undergo various precipitation or ligand exchange reactions. Aluminium in compounds has only one oxidation state (+3), and would not undergo oxidation-reduction reactions under environmental conditions.
DO NOT discharge into sewer or waterways.

Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
sodium fluoride	LOW	LOW

Bioaccumulative potential

Ingredient	Bioaccumulation
sodium fluoride	LOW (BCF = 6.4)

Mobility in soil

Ingredient	Mobility
sodium fluoride	LOW (KOC = 14.3)

SECTION 13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Product / Packaging disposal	▸ Containers may still present a chemical hazard/ danger when empty. ▸ Return to supplier for reuse/ recycling if possible. Otherwise: ▸ Recycle whereever possible or consult manufacturer for recycling options. ▸ Consult local land waste management authority for disposal. ▸ Bury residue in an authorized landfill. ▸ Recycle containers if possible, or dispose in an authorized landfill. ▸ **DO NOT**allow wash water from cleaning or process equipment to enter drains.

SECTION 14 TRANSPORT INFORMATION

Labels Required

Marine Pollutant	NO
HAZCHEM	Not Applicable

Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

SECTION 15 REGULATORY INFORMATION

Safety, health and environmental regulations / legislation specific for the substance or mixture

CARBON, NON-ACTIVATED(7440-44-0) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Inventory of Chemical Substances (AICS)
International Air Transport Association (IATA) Dangerous Goods Regulations - Prohibited List Passenger and Cargo Aircraft

MULLITE(1302-93-8) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Inventory of Chemical Substances (AICS)

SODIUM FLUORIDE(7681-49-4) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Hazardous Substances Information System - Consolidated Lists
Australia Inventory of Chemical Substances (AICS)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

NEPHELINE(12251-27-3) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Not Applicable

SODIUM ALUMINIUM FLUORIDE(15096-52-3) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Continued...

Australia Exposure Standards
Australia Hazardous Substances Information System - Consolidated Lists
Australia Inventory of Chemical Substances (AICS)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

ALUMINIUM OXIDE(1344-28-1.) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Inventory of Chemical Substances (AICS)

SILICA FUSED(60676-86-0) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Inventory of Chemical Substances (AICS)

MAGNETITE(1309-38-2) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Inventory of Chemical Substances (AICS)

CALCIUM FLUORIDE(7789-75-5) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Inventory of Chemical Substances (AICS)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

National Inventory	Status
Australia - AICS	N (nepheline)
Canada - DSL	Y
Canada - NDSL	N (magnetite; silica fused; nepheline; sodium fluoride; aluminium oxide; carbon, non-activated; mullite)
China - IECSC	Y
Europe - EINEC / ELINCS / NLP	N (nepheline)
Japan - ENCS	N (silica fused; nepheline; carbon, non-activated; sodium aluminium fluoride)
Korea - KECI	Y
New Zealand - NZIoC	Y
Philippines - PICCS	N (mullite)
USA - TSCA	N (nepheline)
Legend:	*Y = All ingredients are on the inventory* *N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing(see specific ingredients in brackets)*

SECTION 16 OTHER INFORMATION

Other information

Ingredients with multiple cas numbers

Name	CAS No
carbon, non-activated	7440-44-0, 82600-58-6
mullite	1302-93-8, 61027-90-5
nepheline	12251-27-3, 37244-96-5
sodium aluminium fluoride	15096-52-3, 13775-53-6, 1331-71-1
aluminium oxide	1344-28-1., 1011245-20-7, 1022097-81-9, 107462-07-7, 107874-14-6, 1097999-44-4, 1197416-35-5, 122784-35-4, 1234495-70-5, 1239586-42-5, 12522-88-2, 127361-04-0, 12737-16-5, 131689-14-0, 1346644-15-2, 135152-65-7, 1355357-83-3, 135667-70-8, 138361-58-7, 148619-39-0, 152743-26-5, 153858-98-1, 157516-29-5, 163581-50-8, 165390-91-0, 170448-81-4, 190401-78-6, 200295-99-4, 205316-36-5, 209552-43-2, 230616-05-4, 252756-35-7, 253606-46-1, 253606-47-2, 253606-45-0, 268724-08-9, 39354-49-9, 457654-46-5, 488831-46-5, 521982-71-8, 53809-96-4, 54352-04-4, 546141-61-1, 663170-52-3, 67853-35-4, 67894-14-8, 67894-42-2, 68189-68-4, 68389-42-4, 68389-43-5, 74871-10-6, 76363-81-0, 84149-21-3, 90669-62-8, 916225-60-0, 960377-08-6, 11092-32-3
calcium fluoride	7789-75-5, 14542-23-5

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.
The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

Definitions and abbreviations

PC—TWA: Permissible Concentration-Time Weighted Average
PC—STEL: Permissible Concentration-Short Term Exposure Limit
IARC: International Agency for Research on Cancer
ACGIH: American Conference of Governmental Industrial Hygienists
STEL: Short Term Exposure Limit
TEEL: Temporary Emergency Exposure Limit。
IDLH: Immediately Dangerous to Life or Health Concentrations
OSF: Odour Safety Factor
NOAEL :No Observed Adverse Effect Level
LOAEL: Lowest Observed Adverse Effect Level
TLV: Threshold Limit Value
LOD: Limit Of Detection
OTV: Odour Threshold Value
BCF: BioConcentration Factors
BEI: Biological Exposure Index

Powered by AuthorITe, from Chemwatch.

end of SDS

HiCAl-R Clinker Mineraliser

Regain Services Pty Ltd

Version No: **1.1**
Safety Data Sheet according to WHS and ADG requirements

Issue Date: **03/11/2017**
Print Date: **03/11/2017**
S.GHS.AUS.EN

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product Identifier

Product name	HiCAl-R Clinker Mineraliser
Synonyms	Not Available
Other means of identification	Not Available

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	A mineral product rich in fluoride, sodium and alumina. Designed for use in cement clinker manufacture. The presence of fluoride may result in a beneficial fluxing and/or mineralisation effect that reduces firing temperature and promotes desired phase formation in manufacture of cement clinker. The presence of sodium may improve the burning process and sulphur binding thereby improving kiln operation and clinker quality. The presence of alumina may substitute other types of correctives used for raw mix preparation.

Details of the supplier of the safety data sheet

Registered company name	**Regain Services Pty Ltd**
Address	Level 12, 390 St. Kilda Road Melbourne Victoria Australia
Telephone	+61 3 9514 8600
Fax	+61 3 9514 8642
Website	www.regainmaterials.com
Email	info@regainmaterials.com

Emergency telephone number

Association / Organisation	**Not Available**
Emergency telephone numbers	+61 3 9514 8600
Other emergency telephone numbers	+61 417 556 831

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

Poisons Schedule	Not Applicable
Classification [1]	Acute Toxicity (Oral) Category 4, Skin Corrosion/Irritation Category 2, Eye Irritation Category 2A, Specific target organ toxicity - repeated exposure Category 2
Legend:	*1. Classified by Chemwatch; 2. Classification drawn from HSIS ; 3. Classification drawn from EC Directive 1272/2008 - Annex VI*

Label elements

Hazard pictogram(s)	
SIGNAL WORD	**WARNING**

Hazard statement(s)

H302	Harmful if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H373	May cause damage to organs through prolonged or repeated exposure.

Precautionary statement(s) Prevention

P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P270	Do not eat, drink or smoke when using this product.

Continued...

Precautionary statement(s) Response

P362	Take off contaminated clothing and wash before reuse.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Precautionary statement(s) Storage

Not Applicable

Precautionary statement(s) Disposal

P501	Dispose of contents/container in accordance with local regulations.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substances

See section below for composition of Mixtures

Mixtures

CAS No	%[weight]	Name
12251-27-3	15-20	nepheline
99439-28-8	10-15	silica, fumed
7681-49-4	10-15	sodium fluoride
1302-93-8	10-15	mullite
1344-28-1.	5-10	aluminium oxide
15096-52-3	5-10	sodium aluminium fluoride
7440-44-0	5-10	carbon, non-activated
1309-38-2	0-5	magnetite
7789-75-5	0-5	calcium fluoride

SECTION 4 FIRST AID MEASURES

Description of first aid measures

Eye Contact	If this product comes in contact with the eyes: ▸ Wash out immediately with fresh running water. ▸ Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. ▸ Seek medical attention without delay; if pain persists or recurs seek medical attention. ▸ Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin Contact	If skin contact occurs: ▸ Immediately remove all contaminated clothing, including footwear. ▸ Flush skin and hair with running water (and soap if available). ▸ Seek medical attention in event of irritation.
Inhalation	▸ If fumes, aerosols or combustion products are inhaled remove from contaminated area. ▸ Other measures are usually unnecessary.
Ingestion	▸ **IF SWALLOWED, REFER FOR MEDICAL ATTENTION, WHERE POSSIBLE, WITHOUT DELAY.** ▸ For advice, contact a Poisons Information Centre or a doctor. ▸ Urgent hospital treatment is likely to be needed. ▸ In the mean time, qualified first-aid personnel should treat the patient following observation and employing supportive measures as indicated by the patient's condition. ▸ If the services of a medical officer or medical doctor are readily available, the patient should be placed in his/her care and a copy of the SDS should be provided. Further action will be the responsibility of the medical specialist. ▸ If medical attention is not available on the worksite or surroundings send the patient to a hospital together with a copy of the SDS. **Where medical attention is not immediately available or where the patient is more than 15 minutes from a hospital or unless instructed otherwise:** ▸ **INDUCE** vomiting with fingers down the back of the throat, **ONLY IF CONSCIOUS**. Lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. **NOTE:** Wear a protective glove when inducing vomiting by mechanical means.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

For acute or short term repeated exposures to fluorides:

- Fluoride absorption from gastro-intestinal tract may be retarded by calcium salts, milk or antacids.
- Fluoride particulates or fume may be absorbed through the respiratory tract with 20-30% deposited at alveolar level.
- Peak serum levels are reached 30 mins. post-exposure; 50% appears in the urine within 24 hours.
- For acute poisoning (endotracheal intubation if inadequate tidal volume), monitor breathing and evaluate/monitor blood pressure and pulse frequently since shock may supervene with little warning. Monitor ECG immediately; watch for arrhythmias and evidence of Q-T prolongation or T-wave changes. Maintain monitor. Treat shock vigorously with isotonic saline (in 5% glucose) to restore blood volume and enhance renal excretion.
- Where evidence of hypocalcaemic or normocalcaemic tetany exists, calcium gluconate (10 ml of a 10% solution) is injected to avoid tachycardia.

BIOLOGICAL EXPOSURE INDEX - BEI

These represent the determinants observed in specimens collected from a healthy worker exposed at the Exposure Standard (ES or TLV):

Determinant	Index	Sampling Time	Comments
Fluorides in urine	3 mg/gm creatinine	Prior to shift	B, NS
	10mg/gm creatinine	End of shift	B, NS

Continued...

B: Background levels occur in specimens collected from subjects **NOT** exposed

NS: Non-specific determinant; also observed after exposure to other exposures.

SECTION 5 FIREFIGHTING MEASURES

Extinguishing media

- Use dry chemical or CO2. Cover with dry earth, sand or other non-combustible material.

Special hazards arising from the substrate or mixture

Fire Incompatibility	None known.

Advice for firefighters

Fire Fighting	▸ Alert Fire Brigade and tell them location and nature of hazard. ▸ Wear breathing apparatus plus protective gloves in the event of a fire. ▸ Prevent, by any means available, spillage from entering drains or water courses ▸ DO NOT Approach containers suspected to be hot. ▸ Cool fire exposed containers with water spray from a protected location. ▸ If safe to do so, remove containers from path of fire. ▸ Equipment should be thouroughly decontaminated after use.
Fire/Explosion Hazard	▸ Non combustible. ▸ Not considered a significant fire risk, however containers may burn. Decomposition may produce toxic fumes of: hydrogen fluoride silicon dioxide (SiO2) When aluminium oxide dust is dispersed in air, firefighters should wear protection against inhalation of dust particles, which can also contain hazardous substances from the fire absorbed on the alumina particles. May emit poisonous fumes. May emit corrosive fumes.
HAZCHEM	Not Applicable

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

See section 8

Environmental precautions

See section 12

Methods and material for containment and cleaning up

Minor Spills	▸ Clean up all spills immediately. ▸ Avoid contact with skin and eyes. ▸ Control personal contact with substance, by using protective Equipment. ▸ Use dry clean up procedures and avoid generating dust.
Major Spills	Moderate hazard. ▸ **CAUTION**:Advise personnel in area. ▸ Control personal contact by wearing protective clothing. ▸ Prevent, by any means available, spillage from entering drains or water courses. ▸ Recover product wherever possible. ▸ **IF DRY:** Use dry clean up procedures and avoid generating dust. Collect residues and place in sealed plastic bags or other containers for disposal. **IF WET:** Vacuum/shovel up and place in labelled containers for disposal.

Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

Safe handling	▸ Wear protective clothing when risk of exposure occurs. ▸ Use in a well-ventilated area. ▸ When handling, **DO NOT** eat, drink or smoke. ▸ Keep containers securely sealed when not in use. ▸ Avoid physical damage to containers. ▸ Always wash hands with soap and water after handling. ▸ Work clothes should be laundered separately. Launder contaminated clothing before re-use. ▸ Use good occupational work practice. ▸ Observe manufacturer's storage and handling recommendations contained within this SDS.
Other information	▸ Store in ventilated area. ▸ Store in a cool, dry area protected from environmental extremes. ▸ Avoid run-off water. ▸ Store away from incompatible materials and foodstuff containers. ▸ Protect containers against physical damage and check regularly for leaks. ▸ Observe manufacturer's storage and handling recommendations contained within this SDS. For major quantities: ▸ Consider storage in bunded areas - ensure storage areas are isolated from sources of community water (including stormwater, ground water, lakes and streams).

Continued...

	▸ Ensure that accidental discharge to air or water is the subject of a contingency disaster management plan.

Conditions for safe storage, including any incompatibilities

Suitable container	▸ Store in accordance with manufacturer's recommendation and local regulation. ▸ Store in segregated and approved area. ▸ Store so as to avoid dust generation and dispersal.
Storage incompatibility	Sodium fluoride: ▸ aqueous solutions attack glass and react violently with xenon hexafluoride; are incompatible with sulfuric acid, caustics, ammonia, aliphatic amines, alkanolamines, amides, organic anhydrides, isocyanates, vinyl acetate, alkylene oxides, epichlorohydrin ▸ reacts with acids forming hydrogen fluoride ▸ Contact with acids produces toxic fumes

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

OCCUPATIONAL EXPOSURE LIMITS (OEL)

INGREDIENT DATA

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
Australia Exposure Standards	aluminium oxide	Aluminium oxide	10 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	aluminium oxide	a-Alumina (Al2O3)	Not Available	Not Available	Not Available	Not Available

EMERGENCY LIMITS

Ingredient	Material name	TEEL-1	TEEL-2	TEEL-3
sodium fluoride	Sodium fluoride	17 mg/m3	90 mg/m3	1,100 mg/m3
aluminium oxide	Aluminum oxide; (Alumina)	5.7 mg/m3	15 mg/m3	25 mg/m3
carbon, non-activated	Carbon; (Graphite, synthetic)	6 mg/m3	16 mg/m3	95 mg/m3
calcium fluoride	Calcium fluoride	15 mg/m3	170 mg/m3	1,000 mg/m3

Ingredient	Original IDLH	Revised IDLH
nepheline	Not Available	Not Available
silica, fumed	Not Available	Not Available
sodium fluoride	250 mg/m3	Not Available
mullite	Not Available	Not Available
aluminium oxide	Not Available	Not Available
sodium aluminium fluoride	Not Available	Not Available
carbon, non-activated	Not Available	Not Available
magnetite	Not Available	Not Available
calcium fluoride	250 mg/m3	Not Available

Exposure controls

Appropriate engineering controls	Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Engineering controls may be required to control the primary or secondary risks associated with this product. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation Equipment.
Personal protection	
Eye and face protection	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn unless the assessment indicates a higher degree of protection:chemical splash goggles.
Skin protection	See Hand protection below
Hands/feet protection	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Body protection	See Other protection below
Other protection	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important spects of use. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Thermal hazards	Not Available

Continued...

Recommended material(s)

GLOVE SELECTION INDEX

Glove selection is based on a modified presentation of the:
"Forsberg Clothing Performance Index".
The effect(s) of the following substance(s) are taken into account in the ***computer-generated*** selection:
HiCAl-R Clinker Mineraliser

Material	CPI
NATURAL RUBBER	A
NEOPRENE	A
NITRILE	A
PVC	A

* CPI - Chemwatch Performance Index
A: Best Selection
B: Satisfactory; may degrade after 4 hours continuous immersion
C: Poor to Dangerous Choice for other than short term immersion
NOTE: As a series of factors will influence the actual performance of the glove, a final selection must be based on detailed observation. -
* Where the glove is to be used on a short term, casual or infrequent basis, factors such as "feel" or convenience (e.g. disposability), may dictate a choice of gloves which might otherwise be unsuitable following long-term or frequent use. A qualified practitioner should be consulted.

Respiratory protection

Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Dark

Physical state	Solid	**Relative density (Water = 1)**	Not Applicable
Odour	Ammonia-Like	**Partition coefficient n-octanol / water**	Not Available
Odour threshold	Not Available	**Auto-ignition temperature (°C)**	Not Applicable
pH (as supplied)	Not Applicable	**Decomposition temperature**	Not Applicable
Melting point / freezing point (°C)	Not Applicable	**Viscosity (cSt)**	Not Applicable
Initial boiling point and boiling range (°C)	Not Applicable	**Molecular weight (g/mol)**	Not Applicable
Flash point (°C)	Not Applicable	**Taste**	Not Available
Evaporation rate	Not Available	**Explosive properties**	Not Available
Flammability	Not Applicable	**Oxidising properties**	Not Available
Upper Explosive Limit (%)	Not Applicable	**Surface Tension (dyn/cm or mN/m)**	Not Applicable
Lower Explosive Limit (%)	Not Applicable	**Volatile Component (%vol)**	Negligible
Vapour pressure (kPa)	Not Applicable	**Gas group**	Not Available
Solubility in water (g/L)	Immiscible	**pH as a solution (1%)**	Not Applicable
Vapour density (Air = 1)	Not Applicable	**VOC g/L**	Not Applicable

SECTION 10 STABILITY AND REACTIVITY

Reactivity	See section 7
Chemical stability	▸ Unstable in the presence of incompatible materials. ▸ Product is considered stable.
Possibility of hazardous reactions	See section 7
Conditions to avoid	See section 7
Incompatible materials	See section 7
Hazardous decomposition products	See section 5

SECTION 11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

Inhaled	The material is not thought to produce either adverse health effects or irritation of the respiratory tract following inhalation (as classified by EC Directives using animal models). Nevertheless, adverse systemic effects have been produced following exposure of animals by at least one other route and good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.
Ingestion	Accidental ingestion of the material may be harmful; animal experiments indicate that ingestion of less than 150 gram may be fatal or may produce serious damage to the health of the individual. Acute toxic responses to aluminium are confined to the more soluble forms.

Continued...

Skin Contact	This material can cause inflammation of the skin on contact in some persons. The material may accentuate any pre-existing dermatitis condition Though considered non-harmful, slight irritation may result from contact because of the abrasive nature of the aluminium oxide particles. Thus it may cause itching and skin reaction and inflammation. Open cuts, abraded or irritated skin should not be exposed to this material
Eye	This material can cause eye irritation and damage in some persons.
Chronic	Long-term exposure to the product is not thought to produce chronic effects adverse to the health (as classified by EC Directives using animal models); nevertheless exposure by all routes should be minimised as a matter of course.

HiCAI-R Clinker Mineraliser

TOXICITY	IRRITATION
Not Available	Not Available

nepheline

TOXICITY	IRRITATION
Not Available	Not Available

silica, fumed

TOXICITY	IRRITATION
Not Available	Not Available

sodium fluoride

TOXICITY	IRRITATION
dermal (rat) LD50: >2000 mg/kg[1]	Eye (rabbit): 20 mg/24h-moderate
Oral (rat) LD50: >25<2000 mg/kg>[1]	

mullite

TOXICITY	IRRITATION
Not Available	Not Available

aluminium oxide

TOXICITY	IRRITATION
Oral (rat) LD50: >2000 mg/kg[1]	Not Available

sodium aluminium fluoride

TOXICITY	IRRITATION
Oral (rat) LD50: >5000 mg/kg[2]	Not Available

carbon, non-activated

TOXICITY	IRRITATION
Not Available	Not Available

magnetite

TOXICITY	IRRITATION
Oral (rat) LD50: >10000 mg/kg[2]	Not Available

calcium fluoride

TOXICITY	IRRITATION
Oral (rat) LD50: 4250 mg/kg[2]	Not Available

Legend:	*1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2.* Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances*

NEPHELINE	No data available No data available
SILICA, FUMED	For silica amorphous: When experimental animals inhale synthetic amorphous silica (SAS) dust, it dissolves in the lung fluid and is rapidly eliminated. If swallowed, the vast majority of SAS is excreted in the faeces and there is little accumulation in the body.
SODIUM FLUORIDE	The material may produce moderate eye irritation leading to inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis. The substance is classified by IARC as Group 3: **NOT** classifiable as to its carcinogenicity to humans. Evidence of carcinogenicity may be inadequate or limited in animal testing.
MULLITE	No data of toxicological significance identified in literature search.
CARBON, NON-ACTIVATED	Substance has been investigated as a reproductive effector.
SILICA, FUMED & SODIUM ALUMINIUM FLUORIDE	No significant acute toxicological data identified in literature search.
SODIUM FLUORIDE & CALCIUM FLUORIDE	Asthma-like symptoms may continue for months or even years after exposure to the material ends. This may be due to a non-allergic condition known as reactive airways dysfunction syndrome (RADS) which can occur after exposure to high levels of highly irritating compound.

Acute Toxicity	✔	**Carcinogenicity**	⊘

Continued...

Skin Irritation/Corrosion	✔	**Reproductivity**	⊘
Serious Eye Damage/Irritation	✔	**STOT - Single Exposure**	⊘
Respiratory or Skin sensitisation	⊘	**STOT - Repeated Exposure**	✔
Mutagenicity	⊘	**Aspiration Hazard**	⊘

Legend: ✘ *– Data available but does not fill the criteria for classification*
✔ *– Data available to make classification*
⊘ *– Data Not Available to make classification*

SECTION 12 ECOLOGICAL INFORMATION

Toxicity

HiCAI-R Clinker Mineraliser

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
Not Available	Not Available	Not Available	Not Available	Not Available

nepheline

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
Not Available	Not Available	Not Available	Not Available	Not Available

silica, fumed

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
Not Available	Not Available	Not Available	Not Available	Not Available

sodium fluoride

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
LC50	96	Fish	51mg/L	2
EC50	48	Crustacea	58mg/L	4
EC50	96	Algae or other aquatic plants	181mg/L	4
BCF	240	Fish	5mg/L	4
NOEC	504	Fish	4mg/L	2

mullite

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
Not Available	Not Available	Not Available	Not Available	Not Available

aluminium oxide

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
LC50	96	Fish	0.0029mg/L	2
EC50	48	Crustacea	0.7364mg/L	2
EC50	96	Algae or other aquatic plants	0.0054mg/L	2
NOEC	72	Algae or other aquatic plants	>=0.004mg/L	2

sodium aluminium fluoride

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
LC50	96	Fish	42.5mg/L	4
EC50	48	Crustacea	5mg/L	4

carbon, non-activated

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
Not Available	Not Available	Not Available	Not Available	Not Available

magnetite

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
Not Available	Not Available	Not Available	Not Available	Not Available

calcium fluoride

ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
LC50	96	Fish	51mg/L	2
NOEC	504	Fish	4mg/L	2

Legend: *Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 3. EPIWIN Suite V3.12 (QSAR) - Aquatic Toxicity Data (Estimated) 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) - Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data*

DO NOT discharge into sewer or waterways.

Persistence and degradability

Continued...

Ingredient	Persistence: Water/Soil	Persistence: Air
sodium fluoride	LOW	LOW

Bioaccumulative potential

Ingredient	Bioaccumulation
sodium fluoride	LOW (BCF = 6.4)

Mobility in soil

Ingredient	Mobility
sodium fluoride	LOW (KOC = 14.3)

SECTION 13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Product / Packaging disposal	▸ Containers may still present a chemical hazard/ danger when empty. ▸ Return to supplier for reuse/ recycling if possible. Otherwise: ▸ Recycle whereever possible or consult manufacturer for recycling options. ▸ Consult local land waste management authority for disposal. ▸ Bury residue in an authorized landfill. ▸ Recycle containers if possible, or dispose in an authorized landfill. ▸ **DO NOT**allow wash water from cleaning or process equipment to enter drains.

SECTION 14 TRANSPORT INFORMATION

Labels Required

Marine Pollutant	NO
HAZCHEM	Not Applicable

Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

SECTION 15 REGULATORY INFORMATION

Safety, health and environmental regulations / legislation specific for the substance or mixture

NEPHELINE(12251-27-3) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Not Applicable

SILICA, FUMED(99439-28-8) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Not Applicable

SODIUM FLUORIDE(7681-49-4) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Hazardous Substances Information System - Consolidated Lists
Australia Inventory of Chemical Substances (AICS)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

MULLITE(1302-93-8) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Inventory of Chemical Substances (AICS)

ALUMINIUM OXIDE(1344-28-1.) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Inventory of Chemical Substances (AICS)

SODIUM ALUMINIUM FLUORIDE(15096-52-3) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Hazardous Substances Information System - Consolidated Lists
Australia Inventory of Chemical Substances (AICS)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

CARBON, NON-ACTIVATED(7440-44-0) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Inventory of Chemical Substances (AICS)
International Air Transport Association (IATA) Dangerous Goods Regulations - Prohibited List Passenger and Cargo Aircraft

MAGNETITE(1309-38-2) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Inventory of Chemical Substances (AICS)

CALCIUM FLUORIDE(7789-75-5) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Continued...

Australia Exposure Standards

Australia Inventory of Chemical Substances (AICS)

International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

National Inventory	Status
Australia - AICS	N (nepheline; silica, fumed)
Canada - DSL	N (silica, fumed)
Canada - NDSL	N (magnetite; nepheline; silica, fumed; sodium fluoride; aluminium oxide; carbon, non-activated; mullite)
China - IECSC	N (silica, fumed)
Europe - EINEC / ELINCS / NLP	N (nepheline; silica, fumed)
Japan - ENCS	N (nepheline; silica, fumed; carbon, non-activated; sodium aluminium fluoride)
Korea - KECI	N (silica, fumed)
New Zealand - NZIoC	N (silica, fumed)
Philippines - PICCS	N (silica, fumed; mullite)
USA - TSCA	N (nepheline; silica, fumed)
Legend:	*Y = All ingredients are on the inventory* *N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing(see specific ingredients in brackets)*

SECTION 16 OTHER INFORMATION

Other information

Ingredients with multiple cas numbers

Name	CAS No
nepheline	12251-27-3, 37244-96-5
mullite	1302-93-8, 61027-90-5
aluminium oxide	1344-28-1., 1011245-20-7, 1022097-81-9, 107462-07-7, 107874-14-6, 1097999-44-4, 1197416-35-5, 122784-35-4, 1234495-70-5, 1239586-42-5, 12522-88-2, 127361-04-0, 12737-16-5, 131689-14-0, 1346644-15-2, 135152-65-7, 1355357-83-3, 135667-70-8, 138361-58-7, 148619-39-0, 152743-26-5, 153858-98-1, 157516-29-5, 163581-50-8, 165390-91-0, 170448-81-4, 190401-78-6, 200295-99-4, 205316-36-5, 209552-43-2, 230616-05-4, 252756-35-7, 253606-46-1, 253606-47-2, 253606-45-0, 268724-08-9, 39354-49-9, 457654-46-5, 488831-46-5, 521982-71-8, 53809-96-4, 54352-04-4, 546141-61-1, 663170-52-3, 67853-35-4, 67894-14-8, 67894-42-2, 68189-68-4, 68389-42-4, 68389-43-5, 74871-10-6, 76363-81-0, 84149-21-3, 90669-62-8, 916225-60-0, 960377-08-6, 11092-32-3
sodium aluminium fluoride	15096-52-3, 13775-53-6, 1331-71-1
carbon, non-activated	7440-44-0, 82600-58-6
calcium fluoride	7789-75-5, 14542-23-5

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.
The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

Definitions and abbreviations

PC—TWA: Permissible Concentration-Time Weighted Average
PC—STEL: Permissible Concentration-Short Term Exposure Limit
IARC: International Agency for Research on Cancer
ACGIH: American Conference of Governmental Industrial Hygienists
STEL: Short Term Exposure Limit
TEEL: Temporary Emergency Exposure Limit。
IDLH: Immediately Dangerous to Life or Health Concentrations
OSF: Odour Safety Factor
NOAEL :No Observed Adverse Effect Level
LOAEL: Lowest Observed Adverse Effect Level
TLV: Threshold Limit Value
LOD: Limit Of Detection
OTV: Odour Threshold Value
BCF: BioConcentration Factors
BEI: Biological Exposure Index

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end of SDS

Tomago Spent Potlining Carbon Byproduct

Tomago Aluminium

Chemwatch Hazard Alert Code: **3**

Chemwatch: **4686-68**
Version No: **6.1.1.1**
Safety Data Sheet according to WHS and ADG requirements

Issue Date: **01/01/2013**
Print Date: **12/04/2017**
L.GHS.AUS.EN

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product Identifier

Product name	Tomago Spent Potlining Carbon Byproduct
Synonyms	Not Available
Proper shipping name	ALUMINIUM SMELTING BY-PRODUCTS or ALUMINIUM REMELTING BY-PRODUCTS
Other means of identification	Not Available

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	Raw material feed to produce kiln fuel. IN THE PREPARATION OF FEEDSTOCK MATERIAL WATER CAN BE ADDED IN CONTROLLED WELL VENTILATED CONDITIONS.

Details of the supplier of the safety data sheet

Registered company name	Tomago Aluminium
Address	Tomago Road Tomago NSW 2322 Australia
Telephone	+61 2 4966 9669
Fax	+61 2 4966 9711
Website	Not Available
Email	Not Available

Emergency telephone number

Association / Organisation	Not Available
Emergency telephone numbers	Not Available
Other emergency telephone numbers	Not Available

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

Poisons Schedule	S6
Classification [1]	Emit Flammable Gases with Water Category 3, Acute Toxicity (Oral) Category 4, Skin Corrosion/Irritation Category 1B, Serious Eye Damage Category 1, Specific target organ toxicity - repeated exposure Category 2, Acute Aquatic Hazard Category 3, Chronic Aquatic Hazard Category 3
Legend:	*1. Classified by Chemwatch; 2. Classification drawn from HSIS ; 3. Classification drawn from EC Directive 1272/2008 - Annex VI*

Label elements

GHS label elements	

Continued...

SIGNAL WORD	DANGER

Hazard statement(s)

H261	In contact with water releases flammable gases.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H373	May cause damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.
AUH014	Reacts violently with water
AUH029	Contact with water liberates toxic gas
AUH032	Contact with acid liberates very toxic gas

Precautionary statement(s) Prevention

P231+P232	Handle under inert gas. Protect from moisture.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.

Precautionary statement(s) Response

P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P370+P378	In case of fire: Use alcohol resistant foam or normal protein foam for extinction.
P363	Wash contaminated clothing before reuse.
P301+P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Precautionary statement(s) Storage

P405	Store locked up.
P402+P404	Store in a dry place. Store in a closed container.

Precautionary statement(s) Disposal

P501	Dispose of contents/container in accordance with local regulations.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substances

See section below for composition of Mixtures

Mixtures

CAS No	%[weight]	Name
7440-44-0	50-75	carbon, non-activated
14808-60-7	0-6	silica crystalline - quartz
1310-73-2	2-4	sodium hydroxide
7681-49-4	9-11	sodium fluoride
15096-52-3	3-8	sodium aluminium fluoride
7789-75-5	0-1	calcium fluoride
1305-78-8	1-2	calcium oxide
1344-28-1.	2-10	aluminium oxide
Not Available	0-0.1	free cyanide

Continued...

SECTION 4 FIRST AID MEASURES

Description of first aid measures

Eye Contact	If this product comes in contact with the eyes: ▸ Immediately hold eyelids apart and flush the eye continuously with running water. ▸ Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. ▸ Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. ▸ Transport to hospital or doctor without delay. ▸ Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin Contact	If skin contact occurs: ▸ Immediately remove all contaminated clothing, including footwear. ▸ Flush skin and hair with running water (and soap if available). ▸ Seek medical attention in event of irritation.
Inhalation	▸ If dust is inhaled, remove from contaminated area. ▸ Encourage patient to blow nose to ensure clear breathing passages. ▸ Ask patient to rinse mouth with water but to not drink water. ▸ Seek immediate medical attention. ▸ If fumes or combustion products are inhaled remove from contaminated area. ▸ Lay patient down. Keep warm and rested. ▸ Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures. ▸ Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary. ▸ Transport to hospital, or doctor.
Ingestion	▸ If swallowed do **NOT** induce vomiting. ▸ If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. ▸ Observe the patient carefully. ▸ Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. ▸ Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. ▸ Seek medical advice.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.
For acute or short-term repeated exposures to highly alkaline materials:
- Respiratory stress is uncommon but present occasionally because of soft tissue edema.
- Unless endotracheal intubation can be accomplished under direct vision, cricothyroidotomy or tracheotomy may be necessary.
- Oxygen is given as indicated.
- The presence of shock suggests perforation and mandates an intravenous line and fluid administration.
- Damage due to alkaline corrosives occurs by liquefaction necrosis whereby the saponification of fats and solubilisation of proteins allow deep penetration into the tissue.

Alkalis continue to cause damage after exposure.
INGESTION:
- Milk and water are the preferred diluents

No more than 2 glasses of water should be given to an adult.
- Neutralising agents should never be given since exothermic heat reaction may compound injury.

* Catharsis and emesis are absolutely contra-indicated.
* Activated charcoal does not absorb alkali.
* Gastric lavage should not be used.

Supportive care involves the following:
- Withhold oral feedings initially.
- If endoscopy confirms transmucosal injury start steroids only within the first 48 hours.
- Carefully evaluate the amount of tissue necrosis before assessing the need for surgical intervention.
- Patients should be instructed to seek medical attention whenever they develop difficulty in swallowing (dysphagia).

SKIN AND EYE:
- Injury should be irrigated for 20-30 minutes.

Eye injuries require saline. [Ellenhorn & Barceloux: Medical Toxicology]

SECTION 5 FIREFIGHTING MEASURES

Extinguishing media

- Dry sand.
- Dry chemical powder.
- **DO NOT** use halogenated fire extinguishing agents.
- **DO NOT** use water or halogens on dust fires.

Continued...

|Small sodium fires can occur in stored material. Extinguishing material for such|fires should not be water.

Special hazards arising from the substrate or mixture

Fire Incompatibility	‣ Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result ‣ Contact with water liberates highly flammable gases ‣ Reacts with water or steam to produce toxic and corrosive fumes

Advice for firefighters

Fire Fighting	‣ Alert Fire Brigade and tell them location and nature of hazard. ‣ May be violently or explosively reactive. ‣ Wear full body protective clothing with breathing apparatus. ‣ Prevent, by any means available, spillage from entering drains or water course. ‣ Consider evacuation (or protect in place). ‣ **DO NOT** use water on fires. ‣ Avoid spraying water onto liquid pools. ‣ **Do not** approach containers suspected to be hot. ‣ If safe to do so, remove containers from path of fire. ‣ Equipment should be thoroughly decontaminated after use.
Fire/Explosion Hazard	‣ Combustible. ‣ Slight fire hazard when exposed to heat or flame. ‣ Heating may cause expansion or decomposition leading to violent rupture of containers. ‣ On combustion, may emit toxic fumes of carbon monoxide (CO). ‣ May emit acrid smoke. ‣ Mists containing combustible materials may be explosive. Combustion products include: , carbon dioxide (CO_2) , hydrogen fluoride , sulfur oxides (SOx) Avoid creating dust - may present dust explosion hazard. Dry dust can be electrostatically charged by turbulence, pneumatic transport, pouring, in exhaust ducts and during transport. Build-up of electrostatic charge may be prevented by grounding. May emit poisonous fumes. May emit corrosive fumes.
HAZCHEM	4W

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

See section 8

Environmental precautions

See section 12

Methods and material for containment and cleaning up

Minor Spills	‣ Remove all ignition sources. ‣ Clean up all spills immediately. ‣ Avoid contact with skin and eyes. ‣ Control personal contact with the substance, by using protective equipment. ‣ Use dry clean up procedures and avoid generating dust. ‣ Place in a suitable, labelled container for waste disposal.
Major Spills	‣ Clear area of personnel and move upwind. ‣ Alert Fire Brigade and tell them location and nature of hazard. ‣ Wear full body protective clothing with breathing apparatus. ‣ Prevent, by any means available, spillage from entering drains or water course. ‣ Consider evacuation (or protect in place). ‣ Stop leak if safe to do so. ‣ Contain spill with sand, earth or vermiculite. ‣ Collect recoverable product into labelled containers for recycling. ‣ Neutralise/decontaminate residue (see Section 13 for specific agent). ‣ Collect solid residues and seal in labelled drums for disposal. ‣ Wash area and prevent runoff into drains. ‣ After clean up operations, decontaminate and launder all protective clothing and equipment before storing and re-using. ‣ If contamination of drains or waterways occurs, advise emergency services.

Continued...

Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

Safe handling	Remove all ignition sources. ▸ Limit all unnecessary personal contact. ▸ Wear protective clothing when risk of exposure occurs. ▸ Use in a well-ventilated area. ▸ Avoid contact with incompatible materials. ▸ When handling, **DO NOT** eat, drink or smoke. ▸ Keep containers securely sealed when not in use. ▸ Avoid physical damage to containers. ▸ Always wash hands with soap and water after handling. ▸ Work clothes should be laundered separately. ▸ Use good occupational work practice. ▸ Observe manufacturer's storage and handling recommendations contained within this SDS. ▸ Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions are maintained.
Other information	▸ Keep dry. ▸ Store under cover. ▸ Store in a well ventilated area. ▸ Store away from sources of heat or ignition. ▸ Observe manufacturer's storage and handling recommendations contained within this SDS.

Conditions for safe storage, including any incompatibilities

Suitable container	▸ Polyethylene or polypropylene container. ▸ Check all containers are clearly labelled and free from leaks.
Storage incompatibility	▸ Contact with acids produces toxic fumes Avoid storage with oxidisers Contact with water liberates extremely flammable gases. ▸ Avoid any contamination of this material as it is very reactive and any contamination is potentially hazardous

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

OCCUPATIONAL EXPOSURE LIMITS (OEL)

INGREDIENT DATA

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
Australia Exposure Standards	carbon, non-activated	Fume (thermally generated) (respirable dust)	2 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	silica crystalline - quartz	Silica - Crystalline: Quartz (respirable dust) / Quartz (respirable dust)	0.1 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	sodium hydroxide	Sodium hydroxide	Not Available	Not Available	2 mg/m3	Not Available
Australia Exposure Standards	sodium fluoride	Fluorides (as F)	2.5 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	sodium aluminium fluoride	Fluorides (as F)	2.5 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	calcium fluoride	Fluorides (as F)	2.5 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	calcium oxide	Calcium oxide	2 mg/m3	Not Available	Not Available	Not Available
Australia Exposure Standards	aluminium oxide	Aluminium oxide	10 mg/m3	Not Available	Not Available	Not Available

EMERGENCY LIMITS

Ingredient	Material name	TEEL-1	TEEL-2	TEEL-3
carbon, non-activated	Carbon; (Graphite, synthetic)	6 mg/m3	16 mg/m3	95 mg/m3
silica crystalline - quartz	Silica, crystalline-quartz; (Silicon dioxide)	0.075 mg/m3	33 mg/m3	200 mg/m3

Continued...

sodium hydroxide	Sodium hydroxide	Not Available	Not Available	Not Available
sodium fluoride	Sodium fluoride	17 mg/m3	90 mg/m3	1,100 mg/m3
calcium fluoride	Calcium fluoride	15 mg/m3	170 mg/m3	1,000 mg/m3
calcium oxide	Calcium oxide	6 mg/m3	110 mg/m3	660 mg/m3
aluminium oxide	Aluminum oxide; (Alumina)	5.7 mg/m3	15 mg/m3	25 mg/m3

Ingredient	Original IDLH	Revised IDLH
carbon, non-activated	Not Available	Not Available
silica crystalline - quartz	N.E. mg/m3 / N.E. ppm	50 mg/m3
sodium hydroxide	250 mg/m3	10 mg/m3
sodium fluoride	500 mg/m3	250 mg/m3
sodium aluminium fluoride	Not Available	Not Available
calcium fluoride	500 mg/m3	250 mg/m3
calcium oxide	Unknown mg/m3 / Unknown ppm	25 mg/m3
aluminium oxide	Not Available	Not Available
free cyanide	Not Available	Not Available

MATERIAL DATA

Exposure controls

Appropriate engineering controls

Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.
The basic types of engineering controls are:
Process controls which involve changing the way a job activity or process is done to reduce the risk.
Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment. Ventilation can remove or dilute an air contaminant if designed properly. The design of a ventilation system must match the particular process and chemical or contaminant in use.
Employers may need to use multiple types of controls to prevent employee overexposure.

- Local exhaust ventilation is required where solids are handled as powders or crystals; even when particulates are relatively large, a certain proportion will be powdered by mutual friction.
- Exhaust ventilation should be designed to prevent accumulation and recirculation of particulates in the workplace.
- If in spite of local exhaust an adverse concentration of the substance in air could occur, respiratory protection should be considered. Such protection might consist of:

(a): particle dust respirators, if necessary, combined with an absorption cartridge;
(b): filter respirators with absorption cartridge or canister of the right type;
(c): fresh-air hoods or masks

- Build-up of electrostatic charge on the dust particle, may be prevented by bonding and grounding.
- Powder handling equipment such as dust collectors, dryers and mills may require additional protection measures such as explosion venting.

Air contaminants generated in the workplace possess varying "escape" velocities which, in turn, determine the "capture velocities" of fresh circulating air required to efficiently remove the contaminant.

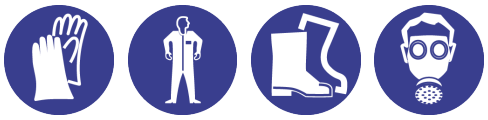
Type of Contaminant:	Air Speed:
direct spray, spray painting in shallow booths, drum filling, conveyer loading, crusher dusts, gas discharge (active generation into zone of rapid air motion)	1-2.5 m/s (200-500 f/min.)
grinding, abrasive blasting, tumbling, high speed wheel generated dusts (released at high initial velocity into zone of very high rapid air motion).	2.5-10 m/s (500-2000 f/min.)

Within each range the appropriate value depends on:

Lower end of the range	Upper end of the range
1: Room air currents minimal or favourable to capture	1: Disturbing room air currents
2: Contaminants of low toxicity or of nuisance value only	2: Contaminants of high toxicity
3: Intermittent, low production.	3: High production, heavy use
4: Large hood or large air mass in motion	4: Small hood-local control only

Simple theory shows that air velocity falls rapidly with distance away from the opening of a simple extraction pipe. Velocity generally decreases with the square of distance from the extraction point (in simple cases). Therefore the air speed at the extraction point should be adjusted, accordingly, after reference to distance from the contaminating source. The air velocity at the extraction fan, for example, should be a minimum of 4-10 m/s (800-2000 f/min) for extraction of crusher dusts

Continued...

	generated 2 metres distant from the extraction point. Other mechanical considerations, producing performance deficits within the extraction apparatus, make it essential that theoretical air velocities are multiplied by factors of 10 or more when extraction systems are installed or used.
Personal protection	
Eye and face protection	▸ Chemical goggles. ▸ Full face shield may be required for supplementary but never for primary protection of eyes. ▸ Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly. [CDC NIOSH Current Intelligence Bulletin 59], [AS/NZS 1336 or national equivalent]
Skin protection	See Hand protection below
Hands/feet protection	Experience indicates that the following polymers are suitable as glove materials for protection against undissolved, dry solids, where abrasive particles are not present. ▸ polychloroprene. ▸ nitrile rubber. ▸ butyl rubber. ▸ fluorocaoutchouc. ▸ polyvinyl chloride. Gloves should be examined for wear and/ or degradation constantly. The selection of suitable gloves does not only depend on the material, but also on further marks of quality which vary from manufacturer to manufacturer. Where the chemical is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. The exact break through time for substances has to be obtained from the manufacturer of the protective gloves and has to be observed when making a final choice. Personal hygiene is a key element of effective hand care. Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. Application of a non-perfumed moisturizer is recommended. Suitability and durability of glove type is dependent on usage. Important factors in the selection of gloves include: · frequency and duration of contact, · chemical resistance of glove material, · glove thickness and · dexterity Select gloves tested to a relevant standard (e.g. Europe EN 374, US F739, AS/NZS 2161.1 or national equivalent). · When prolonged or frequently repeated contact may occur, a glove with a protection class of 5 or higher (breakthrough time greater than 240 minutes according to EN 374, AS/NZS 2161.10.1 or national equivalent) is recommended. · When only brief contact is expected, a glove with a protection class of 3 or higher (breakthrough time greater than 60 minutes according to EN 374, AS/NZS 2161.10.1 or national equivalent) is recommended. · Some glove polymer types are less affected by movement and this should be taken into account when considering gloves for long-term use. · Contaminated gloves should be replaced. For general applications, gloves with a thickness typically greater than 0.35 mm, are recommended. It should be emphasised that glove thickness is not necessarily a good predictor of glove resistance to a specific chemical, as the permeation efficiency of the glove will be dependent on the exact composition of the glove material. Therefore, glove selection should also be based on consideration of the task requirements and knowledge of breakthrough times. Glove thickness may also vary depending on the glove manufacturer, the glove type and the glove model. Therefore, the manufacturers' technical data should always be taken into account to ensure selection of the most appropriate glove for the task. Note: Depending on the activity being conducted, gloves of varying thickness may be required for specific tasks. For example: · Thinner gloves (down to 0.1 mm or less) may be required where a high degree of manual dexterity is needed. However, these gloves are only likely to give short duration protection and would normally be just for single use applications, then disposed of. · Thicker gloves (up to 3 mm or more) may be required where there is a mechanical (as well as a chemical) risk i.e. where there is abrasion or puncture potential Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. Application of a non-perfumed moisturiser is recommended.
Body protection	See Other protection below
Other protection	▸ Overalls. ▸ P.V.C. apron. ▸ Barrier cream. ▸ Skin cleansing cream. ▸ Eye wash unit.

Continued...

Thermal hazards	Not Available

Recommended material(s)

GLOVE SELECTION INDEX

Glove selection is based on a modified presentation of the:
"Forsberg Clothing Performance Index".
The effect(s) of the following substance(s) are taken into account in the ***computer-generated*** selection:
Tomago Spent Potlining Carbon Byproduct

Material	CPI
BUTYL	C
NAT+NEOPR+NITRILE	C
NATURAL RUBBER	C
NATURAL+NEOPRENE	C
NEOPRENE	C
NEOPRENE/NATURAL	C
NITRILE	C
NITRILE+PVC	C
PE	C
PE/EVAL/PE	C
PVC	C
SARANEX-23	C
SARANEX-23 2-PLY	C
TEFLON	C
VITON/CHLOROBUTYL	C
##sodium	fluoride

* CPI - Chemwatch Performance Index
A: Best Selection
B: Satisfactory; may degrade after 4 hours continuous immersion
C: Poor to Dangerous Choice for other than short term immersion
NOTE: As a series of factors will influence the actual performance of the glove, a final selection must be based on detailed observation. -
* Where the glove is to be used on a short term, casual or infrequent basis, factors such as "feel" or convenience (e.g. disposability), may dictate a choice of gloves which might otherwise be unsuitable following long-term or frequent use. A qualified practitioner should be consulted.

Respiratory protection

Particulate. (AS/NZS 1716 & 1715, EN 143:000 & 149:001, ANSI Z88 or national equivalent)

Where the concentration of gas/particulates in the breathing zone, approaches or exceeds the "Exposure Standard" (or ES), respiratory protection is required.
Degree of protection varies with both face-piece and Class of filter; the nature of protection varies with Type of filter.

Required Minimum Protection Factor	Half-Face Respirator	Full-Face Respirator	Powered Air Respirator
up to 10 x ES	-AUS P2	-	-PAPR-AUS / Class 1 P2
up to 50 x ES	-	-AUS / Class 1 P2	-
up to 100 x ES	-	-2 P2	-PAPR-2 P2 ^

^ - Full-face
A(All classes) = Organic vapours, B AUS or B1 = Acid gasses, B2 = Acid gas or hydrogen cyanide(HCN), B3 = Acid gas or hydrogen cyanide(HCN), E = Sulfur dioxide(SO2), G = Agricultural chemicals, K = Ammonia(NH3), Hg = Mercury, NO = Oxides of nitrogen, MB = Methyl bromide, AX = Low boiling point organic compounds(below 65 degC)

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Black carbonaceous solid with varying granulometry and white salt encrustment; does not mix with water. Hygroscopic material, with potential to generate gases when in contact with moisture.

Physical state	Solid	**Relative density (Water = 1)**	2.0-2.5
Odour	Not Available	**Partition coefficient n-octanol / water**	Not Available
Odour threshold	Not Available	**Auto-ignition temperature (°C)**	Not Available
pH (as supplied)	Not Applicable	**Decomposition temperature**	Not Available
Melting point / freezing point (°C)	Not Available	**Viscosity (cSt)**	Not Applicable
Initial boiling point and boiling range (°C)	Not Applicable	**Molecular weight (g/mol)**	Not Applicable
Flash point (°C)	Not Applicable	**Taste**	Not Available
Evaporation rate	Not Applicable	**Explosive properties**	Not Available

Continued...

Flammability	Not Applicable	**Oxidising properties**	Not Available
Upper Explosive Limit (%)	Not Available	**Surface Tension (dyn/cm or mN/m)**	Not Applicable
Lower Explosive Limit (%)	Not Available	**Volatile Component (%vol)**	Not Applicable
Vapour pressure (kPa)	Not Available	**Gas group**	Not Available
Solubility in water (g/L)	Immiscible	**pH as a solution (1%)**	Not Applicable
Vapour density (Air = 1)	Not Applicable	**VOC g/L**	Not Available

SECTION 10 STABILITY AND REACTIVITY

Reactivity	See section 7
Chemical stability	▸ Unstable in the presence of incompatible materials. ▸ Product is considered stable. ▸ Hazardous polymerisation will not occur.
Possibility of hazardous reactions	See section 7
Conditions to avoid	See section 7
Incompatible materials	See section 7
Hazardous decomposition products	See section 5

SECTION 11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

Inhaled	Inhalation of vapours or aerosols (mists, fumes), generated by the material during the course of normal handling, may be damaging to the health of the individual. Inhalation of alkaline corrosives may produce irritation of the respiratory tract with coughing, choking, pain and mucous membrane damage. Pulmonary oedema may develop in more severe cases; this may be immediate or in most cases following a latent period of 5-72 hours. Symptoms may include a tightness in the chest, dyspnoea, frothy sputum, cyanosis and dizziness. Findings may include hypotension, a weak and rapid pulse and moist rales. Effects on lungs are significantly enhanced in the presence of respirable particles. Overexposure to respirable dust may produce wheezing, coughing and breathing difficulties leading to or symptomatic of impaired respiratory function.
Ingestion	Accidental ingestion of the material may be harmful; animal experiments indicate that ingestion of less than 150 gram may be fatal or may produce serious damage to the health of the individual. The material can produce chemical burns within the oral cavity and gastrointestinal tract following ingestion. Ingestion of alkaline corrosives may produce immediate pain, and circumoral burns. Mucous membrane corrosive damage is characterised by a white appearance and soapy feel; this may then become brown, oedematous and ulcerated. Profuse salivation with an inability to swallow or speak may also result. Even where there is limited or no evidence of chemical burns, both the oesophagus and stomach may experience a burning pain; vomiting and diarrhoea may follow. The vomitus may be thick and may be slimy (mucous) and may eventually contain blood and shreds of mucosa. Epiglottal oedema may result in respiratory distress and asphyxia. Marked hypotension is symptomatic of shock; a weak and rapid pulse, shallow respiration and clammy skin may also be evident. Circulatory collapse may occur and, if uncorrected, may produce renal failure. Severe exposures may result in oesophageal or gastric perforation accompanied by mediastinitis, substernal pain, peritonitis, abdominal rigidity and fever. Although oesophageal, gastric or pyloric stricture may be evident initially, these may occur after weeks or even months and years. Death may be quick and results from asphyxia, circulatory collapse or aspiration of even minute amounts. Death may also be delayed as a result of perforation, pneumonia or the effects of stricture formation. Fluoride is a general protoplasmic poison which appears to produce at least four major functional derangements; (1) enzyme inhibition, (2) hypocalcaemia, (3) cardiovascular collapse and (4) specific organ damage. Hypocalcaemia which leads to severe reductions in plasma levels of both total calcium and ionic calcium, may appear several hours after exposure producing painful and involuntary muscular contractions (tetany) initially of the extremities (carpopedal spasm, twitching of limb muscles, laryngo-spasm, cardiospasm etc). Cardiovascular collapse is probably the principal cause of death in acute fluoride poisoning with sinus tachycardia the commonest cardiac finding and serious cardiac arrhythmias also common. Poisonings also cause major adverse effects on the brain and kidneys. Toxic effects may include headache, excessive salivation, rapid movements of the eyeball (nystagmus) and dilated pupils. Convulsions may occur but lethargy, stupor and coma are more common. Renal pathology (acute congestion) has been described in human casualties.
Skin Contact	The material can produce chemical burns following direct contact with the skin. Toxic effects may result from skin absorption The skin is readily penetrated by the fluoride ion causing liquefaction necrosis of the soft tissues and decalcification and corrosion of bone. Healing is delayed and necrotic changes may continue to occur and spread beneath a layer of tough

Continued...

	coagulated skin. Percutaneous absorption of pure liquefied hydrogen fluoride gas produced severe hypocalcaemia, multiple attacks of ventricular fibrillation, and death 9.5 hours after exposure. Skin contact with hydrogen fluoride or solutions containing more than 30 percent hydrogen fluoride produces immediate pain; reactions to more dilute solutions may be delayed for many hours. The accompanying pain is excruciating and persistent due to delayed healing. Entry into the blood-stream through, for example, cuts, abrasions, puncture wounds or lesions, may produce systemic injury with harmful effects. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected.
Eye	The material can produce chemical burns to the eye following direct contact. Vapours or mists may be extremely irritating.
Chronic	Repeated or prolonged exposure to corrosives may result in the erosion of teeth, inflammatory and ulcerative changes in the mouth and necrosis (rarely) of the jaw. Bronchial irritation, with cough, and frequent attacks of bronchial pneumonia may ensue. Gastrointestinal disturbances may also occur. Chronic exposures may result in dermatitis and/or conjunctivitis. Long term exposure to vapour or dust with inorganic fluorides may result in fluorosis, with rheumatic symptoms, stiff joints, mottling of tooth enamel. Other signs may include nausea, vomiting, anorexia, diarrhoea or constipation, weight loss, anaemia, weakness and general ill-health. Polyuria and polydipsia may also occur. Exfoliative dermatitis, atopic dermatitis, stomatitis, gastrointestinal and respiratory allergy, and on occasions, central nervous system involvement have all been described.

Tomago Spent Potlining Carbon Byproduct	**TOXICITY**	**IRRITATION**
	Not Available	Not Available
carbon, non-activated	**TOXICITY**	**IRRITATION**
	Not Available	Not Available
silica crystalline - quartz	**TOXICITY**	**IRRITATION**
	Not Available	Not Available
sodium hydroxide	**TOXICITY**	**IRRITATION**
	Oral (rabbit) LD50: 325 mg/kg[1]	Eye (rabbit): 0.05 mg/24h SEVERE
		Eye (rabbit):1 mg/24h SEVERE
		Eye (rabbit):1 mg/30s rinsed-SEVERE
		Skin (rabbit): 500 mg/24h SEVERE
sodium fluoride	**TOXICITY**	**IRRITATION**
	dermal (rat) LD50: >2000 mg/kg[1]	Eye (rabbit): 20 mg/24h-moderate
	Oral (rat) LD50: >25-<2000 mg/kg[1]	
sodium aluminium fluoride	**TOXICITY**	**IRRITATION**
	Oral (rat) LD50: >5000 mg/kg[2]	Not Available
calcium fluoride	**TOXICITY**	**IRRITATION**
	Oral (rat) LD50: 4250 mg/kg[2]	Not Available
calcium oxide	**TOXICITY**	**IRRITATION**
	Dermal (rabbit) LD50: >2500 mg/kg[1]	Not Available
	Inhalation (rat) LC50: 1.026 mg/L1 hr[1]	
	Oral (rat) LD50: 790 mg/kg[1]	
aluminium oxide	**TOXICITY**	**IRRITATION**
	Oral (rat) LD50: >2000 mg/kg[1]	Not Available
Legend:	*1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2.* Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances*	

CARBON, NON-ACTIVATED	Substance has been investigated as a reproductive effector.
SILICA CRYSTALLINE - QUARTZ	**WARNING:** For inhalation exposure ONLY: This substance has been classified by the IARC as Group 1: **CARCINOGENIC TO HUMANS** The International Agency for Research on Cancer (IARC) has classified occupational exposures to **respirable** (<5 um)

Continued...

	crystalline silica as being carcinogenic to humans . This classification is based on what IARC considered sufficient evidence from epidemiological studies of humans for the carcinogenicity of inhaled silica in the forms of quartz and cristobalite. Crystalline silica is also known to cause silicosis, a non-cancerous lung disease. Intermittent exposure produces; focal fibrosis, (pneumoconiosis), cough, dyspnoea, liver tumours. * Millions of particles per cubic foot (based on impinger samples counted by light field techniques). NOTE : the physical nature of quartz in the product determines whether it is likely to present a chronic health problem. To be a hazard the material must enter the breathing zone as respirable particles.
SODIUM HYDROXIDE	The material may produce severe irritation to the eye causing pronounced inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis. The material may produce severe skin irritation after prolonged or repeated exposure, and may produce a contact dermatitis (nonallergic). This form of dermatitis is often characterised by skin redness (erythema) thickening of the epidermis. Histologically there may be intercellular oedema of the spongy layer (spongiosis) and intracellular oedema of the epidermis. Prolonged contact is unlikely, given the severity of response, but repeated exposures may produce severe ulceration.
SODIUM FLUORIDE	The material may produce moderate eye irritation leading to inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis. The substance is classified by IARC as Group 3: **NOT** classifiable as to its carcinogenicity to humans. Evidence of carcinogenicity may be inadequate or limited in animal testing.
SODIUM HYDROXIDE & SODIUM FLUORIDE & CALCIUM FLUORIDE & CALCIUM OXIDE	Asthma-like symptoms may continue for months or even years after exposure to the material ceases. This may be due to a non-allergenic condition known as reactive airways dysfunction syndrome (RADS) which can occur following exposure to high levels of highly irritating compound. Key criteria for the diagnosis of RADS include the absence of preceding respiratory disease, in a non-atopic individual, with abrupt onset of persistent asthma-like symptoms within minutes to hours of a documented exposure to the irritant. A reversible airflow pattern, on spirometry, with the presence of moderate to severe bronchial hyperreactivity on methacholine challenge testing and the lack of minimal lymphocytic inflammation, without eosinophilia, have also been included in the criteria for diagnosis of RADS. RADS (or asthma) following an irritating inhalation is an infrequent disorder with rates related to the concentration of and duration of exposure to the irritating substance. Industrial bronchitis, on the other hand, is a disorder that occurs as result of exposure due to high concentrations of irritating substance (often particulate in nature) and is completely reversible after exposure ceases. The disorder is characterised by dyspnea, cough and mucus production.
SODIUM ALUMINIUM FLUORIDE & ALUMINIUM OXIDE	No significant acute toxicological data identified in literature search.

Acute Toxicity	✔	**Carcinogenicity**	⊘
Skin Irritation/Corrosion	✔	**Reproductivity**	⊘
Serious Eye Damage/Irritation	✔	**STOT - Single Exposure**	⊘
Respiratory or Skin sensitisation	⊘	**STOT - Repeated Exposure**	✔
Mutagenicity	⊘	**Aspiration Hazard**	⊘

Legend: ✘ *– Data available but does not fill the criteria for classification*
✔ *– Data available to make classification*
⊘ *– Data Not Available to make classification*

SECTION 12 ECOLOGICAL INFORMATION

Toxicity

Ingredient	Endpoint	Test Duration (hr)	Species	Value	Source
sodium hydroxide	LC50	96	Fish	4.16158mg/L	3
sodium hydroxide	EC50	96	Algae or other aquatic plants	1034.10043mg/L	3
sodium hydroxide	EC50	384	Crustacea	27901.643mg/L	3
sodium hydroxide	NOEC	96	Fish	56mg/L	4
sodium fluoride	LC50	96	Fish	51mg/L	2
sodium fluoride	EC50	48	Crustacea	58mg/L	4
sodium fluoride	EC50	96	Algae or other aquatic plants	181mg/L	1
sodium fluoride	BCF	240	Fish	5mg/L	4
sodium fluoride	EC50	96	Crustacea	23.3mg/L	1

Continued...

sodium fluoride	NOEC	504	Fish	4mg/L	2
sodium aluminium fluoride	LC50	96	Fish	42.5mg/L	4
sodium aluminium fluoride	EC50	48	Crustacea	5mg/L	4
sodium aluminium fluoride	EC50	48	Crustacea	10.0mg/L	4
calcium fluoride	LC50	96	Fish	51mg/L	2
calcium fluoride	EC50	96	Crustacea	26-48mg/L	2
calcium fluoride	NOEC	504	Fish	4mg/L	2
calcium oxide	LC50	96	Fish	33.884mg/L	2
calcium oxide	EC50	24	Crustacea	159.6mg/L	1
calcium oxide	NOEC	48	Crustacea	33.3mg/L	2
aluminium oxide	LC50	96	Fish	0.0029mg/L	2
aluminium oxide	EC50	48	Crustacea	0.7364mg/L	2
aluminium oxide	EC50	96	Algae or other aquatic plants	0.0054mg/L	2
aluminium oxide	EC50	168	Crustacea	0.0076mg/L	2
aluminium oxide	NOEC	72	Algae or other aquatic plants	>=0.004mg/L	2
Legend:	*Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 3. EPIWIN Suite V3.12 (QSAR) - Aquatic Toxicity Data (Estimated) 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) - Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data*				

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Do NOT allow product to come in contact with surface waters or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash-waters.
Wastes resulting from use of the product must be disposed of on site or at approved waste sites.
DO NOT discharge into sewer or waterways.

Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
sodium hydroxide	LOW	LOW
sodium fluoride	LOW	LOW

Bioaccumulative potential

Ingredient	Bioaccumulation
sodium hydroxide	LOW (LogKOW = -3.8796)
sodium fluoride	LOW (BCF = 6.4)

Mobility in soil

Ingredient	Mobility
sodium hydroxide	LOW (KOC = 14.3)
sodium fluoride	LOW (KOC = 14.3)

SECTION 13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Product / Packaging disposal	▸ Consult manufacturer for recycling options and recycle where possible . ▸ Consult State Land Waste Management Authority for disposal. ▸ Incinerate residue at an approved site. ▸ Recycle containers if possible, or dispose of in an authorised landfill.

SECTION 14 TRANSPORT INFORMATION

Labels Required

Continued...

Marine Pollutant	NO
HAZCHEM	4W

Land transport (ADG)

UN number	3170
UN proper shipping name	ALUMINIUM SMELTING BY-PRODUCTS or ALUMINIUM REMELTING BY-PRODUCTS
Transport hazard class(es)	Class: 4.3 Subrisk: Not Applicable
Packing group	III
Environmental hazard	Not Applicable
Special precautions for user	Special provisions: 223 244 Limited quantity: 1 kg

Air transport (ICAO-IATA / DGR)

UN number	3170
UN proper shipping name	Aluminium remelting by-products; Aluminium smelting by-products
Transport hazard class(es)	ICAO/IATA Class: 4.3 ICAO / IATA Subrisk: Not Applicable ERG Code: 4W
Packing group	III
Environmental hazard	Not Applicable
Special precautions for user	Special provisions: A3A102 Cargo Only Packing Instructions: 491 Cargo Only Maximum Qty / Pack: 100 kg Passenger and Cargo Packing Instructions: 486 Passenger and Cargo Maximum Qty / Pack: 25 kg Passenger and Cargo Limited Quantity Packing Instructions: Y477 Passenger and Cargo Limited Maximum Qty / Pack: 10 kg

Sea transport (IMDG-Code / GGVSee)

UN number	3170
UN proper shipping name	ALUMINIUM SMELTING BY-PRODUCTS or ALUMINIUM RE-MELTING BY-PRODUCTS
Transport hazard class(es)	IMDG Class: 4.3 IMDG Subrisk: Not Applicable
Packing group	III
Environmental hazard	Not Applicable
Special precautions for user	EMS Number: F-G, S-P Special provisions: 223 244 Limited Quantities: 1 kg

Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

Continued...

SECTION 15 REGULATORY INFORMATION

Safety, health and environmental regulations / legislation specific for the substance or mixture

CARBON, NON-ACTIVATED(7440-44-0) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Inventory of Chemical Substances (AICS)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs
International Air Transport Association (IATA) Dangerous Goods Regulations - Prohibited List Passenger and Cargo Aircraft

SILICA CRYSTALLINE - QUARTZ(14808-60-7) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Hazardous Substances Information System - Consolidated Lists
Australia Inventory of Chemical Substances (AICS)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

SODIUM HYDROXIDE(1310-73-2) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Hazardous Substances Information System - Consolidated Lists
Australia Inventory of Chemical Substances (AICS)

SODIUM FLUORIDE(7681-49-4) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Hazardous Substances Information System - Consolidated Lists
Australia Inventory of Chemical Substances (AICS)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

SODIUM ALUMINIUM FLUORIDE(15096-52-3) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Hazardous Substances Information System - Consolidated Lists
Australia Inventory of Chemical Substances (AICS)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

CALCIUM FLUORIDE(7789-75-5) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Inventory of Chemical Substances (AICS)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

CALCIUM OXIDE(1305-78-8) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Hazardous Substances Information System - Consolidated Lists
Australia Inventory of Chemical Substances (AICS)

ALUMINIUM OXIDE(1344-28-1.) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Inventory of Chemical Substances (AICS)

National Inventory	Status
Australia - AICS	Y
Canada - DSL	Y
Canada - NDSL	N (silica crystalline - quartz; sodium fluoride; aluminium oxide; carbon, non-activated; calcium oxide; sodium hydroxide)
China - IECSC	Y
Europe - EINEC / ELINCS / NLP	Y
Japan - ENCS	N (carbon, non-activated; sodium aluminium fluoride)
Korea - KECI	Y
New Zealand - NZIoC	Y
Philippines - PICCS	Y
USA - TSCA	Y
Legend:	*Y = All ingredients are on the inventory* *N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing(see specific ingredients in brackets)*

SECTION 16 OTHER INFORMATION

Other information

Ingredients with multiple cas numbers

Name	CAS No

Continued...

carbon, non-activated	7440-44-0, 82600-58-6
silica crystalline - quartz	14808-60-7, 122304-48-7, 122304-49-8, 12425-26-2, 1317-79-9, 70594-95-5, 87347-84-0, 308075-07-2
sodium hydroxide	1310-73-2, 12200-64-5
sodium aluminium fluoride	15096-52-3, 13775-53-6, 1331-71-1
calcium fluoride	7789-75-5, 14542-23-5

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

Definitions and abbreviations

PC—TWA: Permissible Concentration-Time Weighted Average
PC—STEL: Permissible Concentration-Short Term Exposure Limit
IARC: International Agency for Research on Cancer
ACGIH: American Conference of Governmental Industrial Hygienists
STEL: Short Term Exposure Limit
TEEL: Temporary Emergency Exposure Limit。
IDLH: Immediately Dangerous to Life or Health Concentrations
OSF: Odour Safety Factor
NOAEL :No Observed Adverse Effect Level
LOAEL: Lowest Observed Adverse Effect Level
TLV: Threshold Limit Value
LOD: Limit Of Detection
OTV: Odour Threshold Value
BCF: BioConcentration Factors
BEI: Biological Exposure Index

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Appendix H

REC Spent Pot Lining Project - National Summary

Appendix H REC Spent Pot Lining Project - National Summary

RANDELL ENVIRONMENTAL CONSULTING

Spent pot lining project (feasibility of an agreement based approach to clear stockpiles)

Final national summary report

October 2016

In association with:

ASCEND WASTE AND ENVIRONMENT

Spent pot lining project (feasibility of an agreement based approach to clear stockpiles)

Final national summary report

Client

The Department of the Environment and Energy (DoEE)

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Project Number: PREC063

Report Disclaimer

This report has been prepared for DoEE in accordance with the terms and conditions of appointment dated 30/04/2016. Randell Environmental Consulting Pty Ltd (ABN 17 153 387 501) cannot accept any responsibility for any use of or reliance on the contents of this report by any third party.

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Executive summary

In March 2016, the Department of the Environment and Energy (DoEE) engaged Randell Environmental Consulting (REC) in association with Ascend Waste and Environment to complete the *Spent Pot Lining (SPL) project (feasibility of an agreement based approach to clear stockpiles).*

SPL is a waste material generated from aluminium smelters, of which there are four in current operation in Australia and two recently closed down.

Aluminium smelting is the extraction of aluminium metal from aluminium oxide (also known as alumina). The process takes place in electrolytic cells that are known as 'pots'[1]. The photo below shows one of Australia's largest 'potlines' at Boyne Smelters Limited in Qld. As illustrated below each smelter has a large number of pots to maintain – the higher the number of pots the higher the smelter's aluminium production.

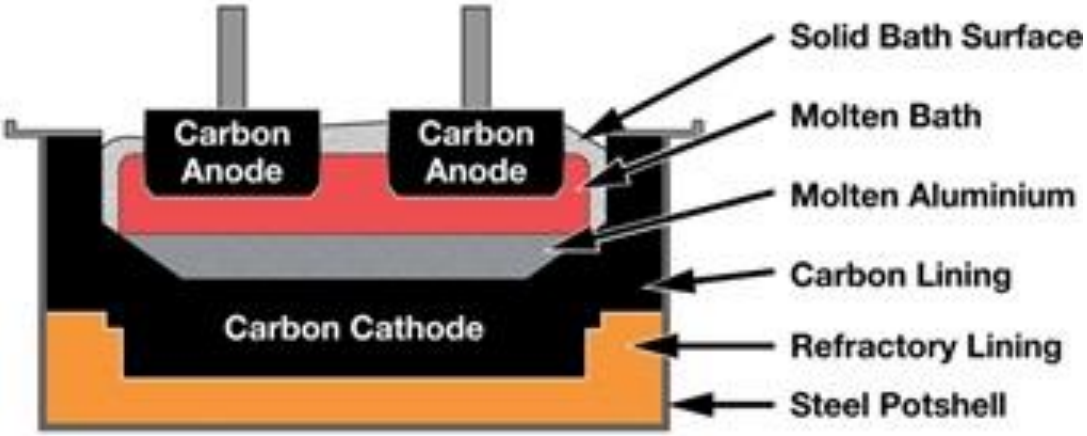
Figure E1 Aluminium smelter 'pot line' at Boyne Smelters Limited Qld

Source: http://sales.riotintoaluminium.com/freedom.aspx?pid=356

A cross section of a pot is provided in Figure E2 which illustrates that pots are made up of a steel potshell with two linings, an outer insulating or refractory lining and an inner carbon lining that acts as the cathode. The pots also include a carbon based anode which is consumed during the pot operation, but can be replaced before the pot (cathode) reaches the end of its life.

[1] Sometimes referred to as cells, **hence SPL is often referred to as SCL – they are the same thing.**

Figure E2 Cross section of an aluminium smelting pot



Source: http://www.regainmaterials.com/aluminium-smelting-industry/aluminium-production-process

JOM 2013 explains "the lining, during operation of the cells, is subject to strong reducing conditions and fails after 5-8 years by a variety of mechanisms depending on how the cell was constructed, designed and operated" (page 1441).

When the pot lining fails – spent pot lining waste is generated.

The pot linings are removed by being broken up. The contaminated carbon lining material that is removed is referred to as **first cut SPL.** The contaminated refractory lining material is referred to as **second cut SPL.**

As the SPL is removed it breaks up into different sized pieces ranging from large blocks to fine granular pieces. Some smelters keep the first and second cut SPL separate, other do not and the SPL is removed as one 'cut'. The photos below illustrate the SPL removal process.

Figure E3 SPL removal and a pile of SPL (both first and second cut)

Source: http://www.hydro.com/en/Press-room/News/Archive/2013/From-waste-to-resource/

During the operation of the pots, substances, including fluorides, cyanides and aluminium are absorbed into **both** cell linings.

Both first and second cut SPL are hazardous waste due to:

- toxicity – leachable fluoride and cyanide compounds, with fluoride levels often around 10 parts per hundred (%)
- corrosiveness – high pH due to the presence of alkali metals and oxides

- reactivity with water – producing toxic, explosive, and inflammable gases.[2]

E1 Project scope

DoEE provided a letter of introduction for project stakeholders that outlined the project scope as follows:

"The project will assess the feasibility of using an agreement between industry and governments to clear the stockpiles of spent pot liner (SPL) present in Queensland, New South Wales, Victoria and Tasmania, over a ten year or similar period. The project aims to determine the feasibility of such an agreement approach, and if feasible, what might be required to address the circumstances of the different SPL stockpiles across the jurisdictions."

This project is **not** aiming to draft any industry-government agreements. It aims to understand if it is possible for agreements to be developed that would result in a drawdown of SPL stockpiles over a period of around 10 years.

This report is intended for publication on the DoEE website. Information that has been identified as confidential or commercial-in-confidence information is either not included in this report or has been redacted (see red blocks of text).

E2 Project background and context

In 2015 DoEE commissioned a study of hazardous waste arisings and infrastructure capacity in Australia called the *Hazardous waste infrastructure needs and capacity assessment*[3].

The study identified that a significant SPL stockpile had accumulated in Australia and concluded the following:

> *"The storage of large quantities of spent potlining from aluminium smelting should be a social concern, especially given the recent decline of this industry. The three current operators able to process this waste report sufficient capacity to process the stockpile over a 10-15 year period. A mismatch between demand and capacity could cause inappropriate treatment or demand for exports. A nationally coordinated negotiation with the industry is recommended.*
>
> *Recommendation 6: DoEE should consult with the aluminium industry and NSW, Vic, Qld, Tas State Governments to develop a nationally agreed approach to the management of spent potlining stockpiles that ensures their eventual removal and ongoing recovery or treatment."* Page xxi.

This project responds in part to these recommendations.

Environmental legislation administered by the Australian Government and State Government environmental regulators does not support the long term stockpiling of hazardous wastes onsite where it poses ongoing potential risks. The short term storage of SPL in suitable shedding onsite may

[2] Source: JOM2013
[3] Available at: https://www.environment.gov.au/protection/publications/hazardous-waste-infrastructure-needs-capacity-assessment

be appropriate; however, onsite stockpiling in sheds is not a long term solution for SPL management, where the SPL remains exposed to risks such as extreme weather events.

The Australian Government, therefore, seeks to understand if it is feasible to use an agreement based approach with the aluminium industry stakeholders that will result in a plan to drawdown the Australian SPL stockpile over the next 10 years.

E3 Aluminium production and new SPL arisings

Australia's operational and closed aluminium smelters sites are summarised in the table below.

Table E1: Australian aluminium smelters operational and closed

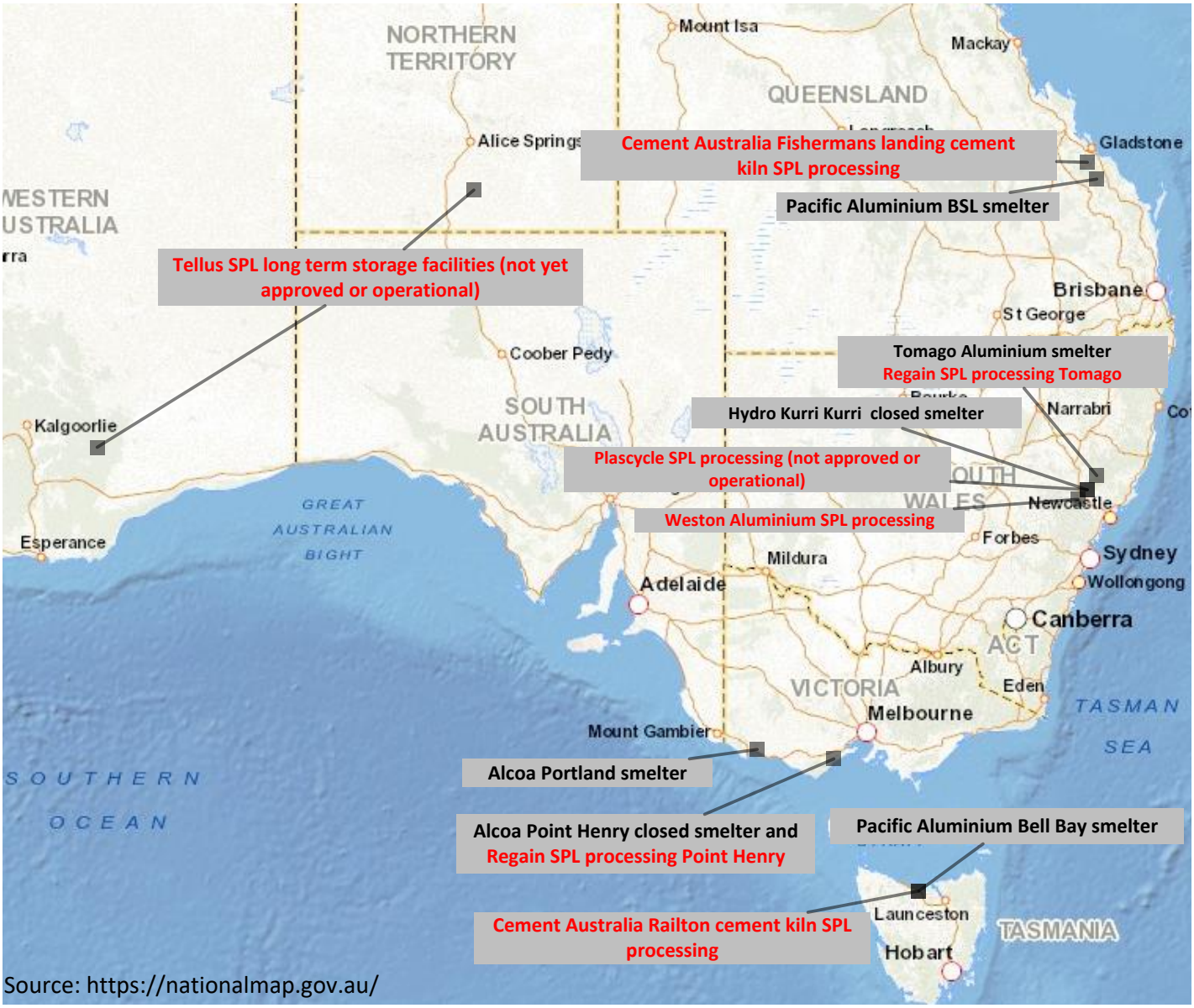
State	Majority owner	Common site name	Production began	Status	Smelter location	Al production (t/year)
NSW	Hydro	Hydro Kurri Kurri	1969	Closed	Kurri Kurri	NA (180,000)
	Tomago Aluminium	Tomago	1983	Operational	Tomago	590,000
Qld	Pacific Aluminium	BSL (Boyne Smelters Limited)	1982	Operational	Boyne Island	>570,000
Vic	Alcoa	Portland	1986	Operational	Portland	304,000
	Alcoa	Point Henry	1963	Closed	Point Henry	NA (192,000)
Tas	Pacific Aluminium	Bell Bay	1955	Operational	Bell Bay	180,000
					Total:	**~1,650,000**

Note: production tonnages for closed sites (in brackets) refers to production in year before closure.

Australia is currently producing about 1.65 Mt of aluminium per annum. Based on the JOM 2013 typical figure of 22kg SPL per tonne of aluminium production, it can be estimated that Australia is currently generating about **36,000 tonnes of SPL per annum**.

Figure E4 illustrates the locations of Australia's currently operating and closed aluminium smelters. It also includes the locations of the Australian SPL waste management providers (WMPs) that are discussed in the report main body, Section 6.

Figure E4 Map of Australian aluminium smelters and SPL management facilities



Source: https://nationalmap.gov.au/

E4 Australia's SPL stockpile profile

Australia has a significant stockpile of SPL with a total of around **700,000 tonnes** of SPL in either above ground or below ground storages (landfills) around Australia.[4]

Just under half of Australia's SPL stockpile (about 310,000 tonnes) is stored in above ground stockpiles. Interestingly there is a higher proportion of 1st cut SPL (about 114,000 tonnes) than 2nd cut SPL (about 74,000 tonnes) in these stockpiles. The high carbon content in 1st cut SPL has historically meant that there have been more processing options for 1st SPL cut than 2nd cut SPL. The largest portion of the above ground stockpile is mixed 1st and 2nd cut SPL (about 120,000 tonnes).

[4] SPL stockpile tonnages provided by each smelter. Note: the project scope included no audit or confirmation of the stockpile information provided beyond viewing of stockpiles during site visits.

Slightly more than half of Australia's SPL stockpile (about 390,000 tonnes) is stored in landfills onsite at several sites around Australia. The composition of the landfilled SPL is not known, but is likely to be around 50-60% 1st cut and 40-50% 2nd cut SPL.

E5 Site aboveground SPL stockpile drawdown plans

The following definition for an 'SPL drawdown plan' has been adopted for this report and analysis.

A 'SPL drawdown plan' is a plan that has at least 2 of the following:

1. The smelter can demonstrate a recent (i.e. the last 3 years) history of significant stockpile drawdown. It should be noted that, during consultation, several smelters provided data/charts that illustrated that in the last few years SPL stockpile processing rates have increased, resulting in partial drawdown of existing stockpiles.
2. Commercial arrangements are in place between the smelter and SPL WMP/s[5] that will result in the drawdown of SPL stockpiles and the management of any new SPL arisings.
3. The estimated timeframe for the drawdown of the SPL stockpile has been provided for this public summary report.

Of the six smelting sites in Australia, only Tomago Aluminium has a drawdown plan in place that will have all SPL stockpiles removed from the site well within a 10 year period.

Alcoa Portland also has a drawdown plan in place that is likely to result in all stockpiles removed in around 10 years.

Pacific Aluminium sites at Bell Bay and Boyne (BSL) have drawdown plans in place, however the plans may take up to 10 or more years to implement, depending on the SPL processing rates that are achieved in future.

At the time of writing we understand that the Alcoa Point Henry drawdown plan was still under development. The smelter is closed and undergoing site decommissioning to allow for future development.

At the time of writing we understand that the Hydro Kurri Kurri drawdown plan was still under development. The smelter is closed and undergoing site decommissioning to allow for future development. Hydro stated that they are planning for above ground SPL stockpiles to be recycled over the next 3 to 4 years.

E6 Capacity of SPL waste management providers (WMPs)[5]

The capacity of Australia's currently operating SPL WMPs consists mostly of 'treatment and processing' facilities in Vic and NSW ([redacted]). The capacity of 'treatment and processing' facilities is related to the off-take markets[6] for treated and processed SPL, see Section 6.6.1 and 7.6 for further discussion.

[5] **SPL waste management providers (WMPs)** for this report are defined as: a third party company that provides services to the aluminium smelting industry that result in the smelter's SPL stockpiles being processed, or sent to approved long term storage facilities. As per the project brief, SPL WMP options discussed include national and international SPL processing options and long term storage facilities in Australia (only).

[6] **Off-take market** refers to the market of options/clients for SPL that is treated and processed to a standard that is fit for a defined purpose.

Cement kilns in Qld and Tas provide the remainder of the operational SPL WMP capacity.

The total licensed/process capacity of Australia's operational SPL WMPs is estimated at around **100,000 tonnes per annum.**

The current export options for SPL management include mineral wool (Rockwool) manufacture in Germany and Befesa in Spain. Befesa recycle aluminium dross salt slags and other residues from dross recycling and use SPL to reduce energy input requirements. Australia has exported around 120,000 tonnes of SPL to European SPL WMPs since the early 1990s and has a permit pending for another 6,000t to be exported. Research, presented in Section 6, indicates that there is significant capacity for SPL processing at Befesa and Rockwool. However, their 'spare capacity' to receive Australian SPL is unknown and would be subject to individual contract negotiations between the aluminium smelter and Befesa or Rockwool.

Australia may also soon have long term storage options available in the NT and WA where Tellus have proposed facilities, however, these facilities are yet to be licensed.

E7 Considerations for any agreement

Stakeholder consultation and project research identified several important considerations for any SPL stockpile drawdown agreement to consider. They are listed below and discussed in full in Section 7 (a few of these considerations are also discussed in this summary).

1. Aluminium smelting market conditions.
2. SPL WMPs charges (fees).
3. The site specific conditions including:
    a. The site's SPL stockpile profile
    b. Impacts on local environment and intended site afteruse
    c. Proximity of SPL WMPs.
4. Australian (State and Commonwealth) SPL legislative framework.
5. International SPL legislative frameworks and incentive programs.
6. State, national, and international SPL WMP's capacity.
7. The stability of 'off-take' markets for treated and processed SPL.
8. Local community engagement.
9. Parties to agreements.
10. SPL WMP competition and market considerations.

E8 SPL waste management costs

The financial costs of SPL waste management are significant.

Industry has commented that historically SPL WMPs fees have been in the order of $1000/tonne. These costs have reduced significantly in recent years but still remain a significant consideration and concern for the smelting industry.

The liabilities/costs discussed above present costs to send SPL to a WMP. They are not inclusive of costs to manage other (non-SPL) landfilled materials or costs for other site remediation that could be required. These costs could be a significant addition to the total costs.

There are also costs associated[7] with maintaining SPL in landfills onsite (not removing the stockpile using a SPL WMP).

E9 Australian above ground SPL stockpile (plus new arisings) versus SPL WMP capacity[8]

The project analysis indicates that the Australian above ground SPL stockpile could theoretically be drawn down in four or more years[9] (whilst continuing to process new arisings). **It is important to note that this theoretical drawdown timeframe is indicative only as there are several important considerations, as listed under E7, which may impact on the actual drawdown timeframe.**

Whilst noting these considerations, the comparison of above ground stockpile tonnages with Australia's currently operating SPL WMPs capacity indicates that it is possible for Australia's above ground SPL stockpile to be drawn down over a ten year period (whilst continuing to process new arisings).

The analysis also indicates that there is sufficient capacity available in Vic and NSW to drawdown SPL stockpiles within the nominal 10 year period that DoEE has identified. The analysis for Qld and Tas indicates that these states have limited SPL processing capacity beyond the tonnage of new annual arisings and would require more than 10 years to drawdown the SPL stockpiles using local capacity alone. For Qld and Tas the analysis indicates that any agreement may need to consider interstate or

[7] The estimation of the costs associated with the landfilling of SPL is beyond the scope of this project.
[8] Australia's currently licensed and operating SPL WMPs **process** SPL. Research, presented in Section 6, indicates that there is significant capacity for SPL processing at Befesa and Rockwool (in Europe). However, their 'spare capacity' to receive Australian SPL is unknown and would be subject to individual contract negotiations between the aluminium smelter and Befesa or Rockwool. Australia currently has no licensed capacity for SPL long term storage. Therefore, the capacity of SPL processing capacity in Australia (rather than overall WMP capacity) is used in the analysis of SPL stockpile drawdown rates.
[9] Timeframes are presented as 'x or more' years reflecting the range of considerations and uncertainties that are outlined in Section 7.

international management options or the establishment of additional local SPL WMP capacity. Refer to Section 7.3.1 for discussion of the requirements for interstate movements of SPL.

E10 Australian total SPL stockpile and annual arisings versus SPL WMP capacity

It is important to note that the decision to require processing of any landfilled SPL would be made by the relevant state government regulator.

The processing of any landfilled SPL would also be subject to demonstration that the SPL removed from landfill is able to be processed. Contamination from non-SPL wastes such as asbestos could prevent processing of some landfilled SPL.

For drawdown calculation purposes, the analysis indicates that, should it be required and technically feasible, Australia's total SPL stockpile and new arisings could theoretically be processed in eight or more years (assuming that 100% of landfilled SPL was processed) or in six or more years (assuming that 50% of landfilled SPL was processed).

E11 Agreement options and agreement co-funding

Whilst this project has identified a significant number of considerations and issues with SPL management, the project identified just three 'agreement options' that are discussed briefly below. The options presented in this section are not endorsed by the Australian or State Governments nor do they represent government policy.

1. Agreement that 'no agreement' is needed

This may be the preferred approach where there the smelter has an internally agreed SPL management plan in place and a clear timeline for the stockpile to be drawn down that has been effectively implemented over the past several years. The successful historical management of SPL would typically have resulted in a relatively small stockpile of SPL materials remaining onsite.

2. A voluntary agreement

Industry may consider entering into a voluntary agreement to demonstrate to the local community and to state regulators that a plan is in place that will ensure SPL stockpiles are being responsibly managed. A voluntary agreement may also be required to be eligible for any co-funding of SPL management costs.

3. A legally binding agreement

The use of statutory covenants by DoEE or other regulators may be required as part of any co-funding of SPL management costs. They could also be required where there is significant social concern that the SPL stockpile has no plan in place for removal or future management to ensure human health and the environment are protected. It is important to note that State Governments have existing powers under contaminated land and hazardous waste legislation that could also be used to enforce the 'clean-up' of SPL stockpiles.

Within the voluntary and legally binding agreement options, the project identified two models of co-funding including:

1. Agreement to co-fund the smelter for SPL WMP costs (rebate to smelter)
2. Agreement to co-fund the third party SPL WMP costs (e.g. rebate to SPL WMP).

During consultation, industry identified another co-funding model which was for the government to consider the potential to look beyond 'subsidised processing' models and look to an industry-government co-funded processing solution (i.e. build, own, operate) with future processing/transport pricing agreed and fixed for 10 years.

E12 The feasibility of an agreement based approach to SPL stockpile drawdown

This project aimed to test the feasibility of using an agreement based approach to drawdown Australia's SPL stockpile over a period of around 10 years.

The analysis indicates that it is feasible to use an agreement based approach to develop site-specific agreements with the aluminium smelting industry, SPL WMPs, and Australian governments that could enable SPL stockpile drawdown in around ten years.

The agreement type (voluntary or binding), parties, and any potential co-funding would need detailed consideration that is beyond the scope of this project.

E13 Recommendations

The following is recommended.

1. DoEE progress with discussions with all Australian aluminium smelters and SPL WMPs to develop site specific agreements that will help ensure the drawdown of above ground SPL stockpiles over the next 10 years. Whilst Tomago Aluminium has a short drawdown plan in place, they should still be consulted, at least initially, to ensure they are not disadvantaged for proactively processing their SPL stockpile.
2. DoEE maintain communication with the relevant state EPAs to monitor the outcomes of current assessments/audits of onsite SPL landfills.
3. Should landfilled SPL be required to be removed from site and/or processed, DoEE should look to include the additional tonnages into any agreement this is being considered.
4. The development of any agreement includes full assessment of the considerations that are listed under E7 and discussed in Section 7 of this report. Included in this assessment should be a confirmation of the stockpile tonnage figures for each site that were provided for this report.
5. Where any agreement potentially includes co-funding that DoEE ensure that the considerations included in Section 10 are fully assessed.
6. If co-funding is being considered as part of an agreement, DoEE should undertake additional analysis of the historical and current 'baseline' pricing for SPL WMPs. The indicative pricing information gathered during this project is insufficient to support decisions regarding the amount of co-funding that should be provided per tonne (for example).

1 Introduction

In March 2016, the Department of the Environment and Energy (DoEE) engaged Randell Environmental Consulting (REC) in association with Ascend Waste and Environment to complete the *Spent Pot Lining (SPL) project (feasibility of an agreement based approach to clear stockpiles).*

1.1 Project scope

DoEE provided a letter of introduction for project stakeholders that outlined the project scope as follows:

"The project will assess the feasibility of using an agreement between industry and governments to clear the stockpiles of spent pot liner (SPL) present in Queensland, New South Wales, Victoria and Tasmania, over a ten year or similar period. The project aims to determine the feasibility of such an agreement approach, and if feasible, what might be required to address the circumstances of the different SPL stockpiles across the jurisdictions.

The project will take into account domestic capacity to recover and recycle spent pot liner, whether through smelters or alternate processes such as rockwool production. The role of export for recycling in such a stockpile clearance agreement will also be identified.

The project will report on the following:

- *Industry consultation including initial stakeholder responses*
- *Estimates of the SPL profile stockpile volumes, composition in Australia*
- *A summary of SPL fate options (including export) and considerations for each*
- *High-level estimates of relative cost for identified fate options*
- *Analysis of the key issues that would need to be addressed in any Government-industry agreement on SPL removal*
- *'Agreement options' for stakeholders to consider that respond to the key issues identified (above)*
- *The likely implementation timeframes required for the agreement options and the feasibility of these timeframes for projects such as the Kurri Kurri development site remediation".*

This project is **not** aiming to draft any industry-government agreements. It aims to understand if it is possible for agreements to be developed that would result in a drawdown of SPL stockpiles over around 10 years.

This report is intended for publication on the DoEE website. Information that industry identified as confidential or commercial-in-confidence information is either not included in this report or has been redacted (see red blocks of text).

1.2 Project background and context

In 2015 DoEE commissioned a study of hazardous waste arisings and infrastructure capacity in Australia called *Hazardous waste infrastructure needs and capacity assessment*[10].

The study identified that a significant SPL stockpile had accumulated in Australia and included the following:

> *"The storage of large quantities of spent potlining from aluminium smelting should be a social concern, especially given the recent decline of this industry. The three current operators able to process this waste report sufficient capacity to process the stockpile over a 10-15 year period. A mismatch between demand and capacity could cause inappropriate treatment or demand for exports. A nationally coordinated negotiation with the industry is recommended.*
>
> *Recommendation 6: DoEE should consult with the aluminium industry and NSW, Vic, Qld, Tas State Governments to develop a nationally agreed approach to the management of spent potlining stockpiles that ensures their eventual removal and ongoing recovery or treatment."* Page xxi.

This project responds in part to these recommendations.

Environmental legislation administered by the Australian Government and State Government environmental regulators does not support the long term stockpiling of hazardous wastes onsite where it poses ongoing potential risks. The short term storage of SPL in suitable shedding onsite may be appropriate; however, onsite stockpiling in sheds is not a long term solution for SPL management, where the SPL remains exposed to risks such as extreme weather events.

The Australian Government, therefore, seeks to understand if it is feasible to use an agreement based approach with the aluminium industry stakeholders that will result in a plan to drawdown the Australian SPL stockpile over the next 10 years.

1.3 Report structure

Responding to the project scope this report includes the following:

- **Section 2** provides an outline of the project method.
- **Section 3** provides a summary of what SPL waste is and how it is generated.
- **Section 4** provides the site details of Australian aluminium smelters including annual production of aluminium, site history, historical SPL management and a map of locations.
- **Section 5** provides the profile of the Australian SPL waste stockpiles including the tonnages of 1st cut, 2nd cut and mixtures of SPL stored at each smelting site (both above and below ground). This section also outlines each site's SPL stockpile drawdown plan (years to draw down above ground stockpiles where a plan was provided).

[10] Available at: https://www.environment.gov.au/protection/publications/hazardous-waste-infrastructure-needs-capacity-assessment

- **Section 6** provides a summary of the different SPL management options and SPL WMPs[11].
- **Section 7** provides analysis of the key issues and considerations that any potential industry-government agreement needs to consider. This section summarises the issues raised by stakeholders during consultation.
- **Section 8** provides analysis of Australia's current SPL stockpile versus Australia's SPL WMPs capacity.
- **Section 9** provides analysis of the agreement options that could be considered based on this project's analysis.
- **Section 10** provides analysis of potential government co-funding incentive models that could be considered based on this project's analysis.
- **Section 11 and 12** provides project conclusions and recommendations.

2 Project method

The table below summarises the project delivery steps and provides a brief description of each.

Table 1: Summary of project method

Project step	Brief description
1. Project planning	Developed project plan including a project consultation plan.
2. Logistics planning (face to face meetings)	Contacted industry (including generators, processors, long term storage) and government regulators and arranged an onsite face-to-face consultation to discuss the feasibility of SPL stockpile drawdown.
3. Desktop review of SPL management	Completed a desktop review of SPL governance and current stockpiles by jurisdiction. Compiled a summary of the current state of SPL.
4. Consultation #1: extensive onsite stakeholder engagement	Held consultation meetings with SPL generators (aluminium smelters), processors, long term storage and government regulators in Vic, NSW, Qld, and Tas.
5. *Confidential site consultation draft reports* preparation	Developed site consultation reports for all smelters, SPL processors, and long term storage facilities in Australia. These reports are confidential as they contain confidential and commercial- in-confidence information about each site. The report included assessments of feasibility of SPL stockpile drawdown and types of agreements that could be

[11] **SPL waste management providers (WMPs)** for this report are defined as: a third party company that provides services to the aluminium smelting industry that result in the smelter's SPL stockpiles being processed, or sent to approved long term storage facilities. As per the project brief, SPL WMP options discussed include national and international SPL processing options and long term storage facilities in Australia (only).

Project step	Brief description
	put in place for each site.
6. Consultation #2: consultation on *Confidential site consultation draft reports*	Issued confidential site consultation reports to each site and relevant state regulator for formal comment. Completed follow-up consultation with stakeholders (by phone) as required discussing the content of the draft report.
7. *Confidential site consultation final reports* preparation	Finalised each site consultation report, including providing a response to comments appendix for each site report.
8. *Spent Pot Lining project (feasibility of an agreement based approach to clearing stockpiles) draft report* preparation	Developed the draft report providing a summary of the project analysis and recommendations.
9. Consultation #3: *Spent Pot Lining project (feasibility of an agreement based approach to clearing stockpiles)*	Issue draft report to stakeholders for comment.
10. *Spent Pot Lining project (feasibility of an agreement based approach to clearing stockpiles)* final report completion	Amend draft national summary report and issue final report to DoEE.

In completing Consultation step #1 (noted in the table above), Paul Randell and/or Geoff Latimer met with site staff. The project's aim, delivery schedule and information requirements were stepped through, including a specific conversation on handling information that may be commercially confidential.

In particular, the following project data requirements for the site were discussed:

- detailed data regarding SPL stockpiles tonnages and composition onsite (above and below ground)
- current and future management plans for SPL stockpiles onsite, including any SPL stockpile drawdown plans that are in place and anticipated timelines for total stockpile drawdown
- a brief discussion of advantages and disadvantages experienced with the SPL management options and WMPs recently utilised or investigated.

The above information requests were followed up formally via email, in parallel with the circulation of minutes of the meeting, for approval.

In discussing the possible configurations of industry agreements, views on key issues and concerns, from the site's perspective, that any agreement would need to consider, were also sought. It was noted that the form and nature of such agreements was still evolving at the time of the site meeting and it is beyond the scope of this project to develop any actual draft agreements.

3 What is SPL waste and how is it generated?

The following section provides a concise summary of SPL waste and how it is generated.

SPL is a waste material generated from aluminium smelters, of which there are four in current operation in Australia and two recently closed down.

Aluminium smelting is the extraction of aluminium metal from aluminium oxide (also known as alumina). The process takes place in electrolytic cells that are known as 'pots'[12]. The photo below shows one of Australia's largest 'potlines' at Boyne Smelters Limited in Qld. As illustrated below each smelter has a large number of pots to maintain – the higher the number of pots the higher the smelter's aluminium production.

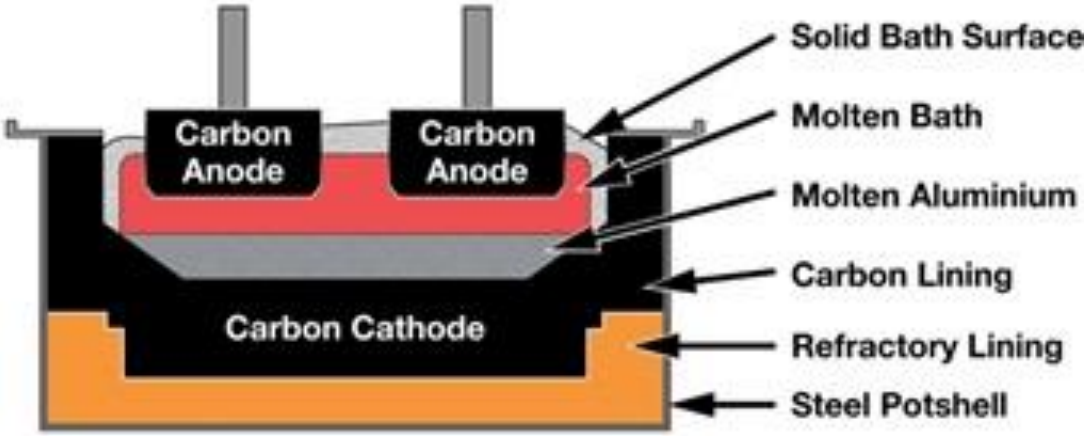
Figure 1 Aluminium smelter 'pot line' at Boyne Smelters Limited Qld

Source: http://sales.riotintoaluminium.com/freedom.aspx?pid=356

A cross section of a pot is provided in Figure 2 which illustrates that pots are made up of a steel potshell with two linings, an outer insulating or refractory lining and an inner carbon lining that acts as the cathode. The pots also include a carbon based anode which is consumed during the pot operation, but can be replaced before the pot (cathode) reaches the end of its life.

[12] Sometimes referred to as cells, hence **SPL is often referred to as SCL – they are the same thing.**

Figure 2 Cross section of an aluminium smelting pot



Source: http://www.regainmaterials.com/aluminium-smelting-industry/aluminium-production-process

JOM 2013 explains "the lining, during operation of the cells, is subject to strong reducing conditions and fails after 5-8 years by a variety of mechanisms depending on how the cell was constructed, designed and operated" (page 1441).

When the pot lining fails – SPL waste is generated.

The pot linings are removed by being broken up. The contaminated carbon lining material that is removed is referred to as **first cut SPL.** The contaminated refractory lining material is referred to as **second cut SPL.**

As the SPL is removed it breaks up into different sized pieces ranging from large blocks to fine granular pieces. Some smelters keep the first and second cut SPL separate, other do not and the SPL is removed as one 'cut'. The photos below illustrate the SPL removal process.

Figure 3 SPL removal and a pile of SPL (both first and second cut)

Source: http://www.hydro.com/en/Press-room/News/Archive/2013/From-waste-to-resource/

JOM 2013 also discusses the amount of SPL that is generated per tonne of aluminium smelted and states "a typical figure of 22 kg/tonne of aluminium produced" (page 1441).

During the operation of the pots, substances, including fluorides, cyanides, and aluminium are absorbed into **both** cell linings.

Both first and second cut SPL are hazardous waste due to:

- toxicity – leachable fluoride and cyanide compounds, with fluoride levels often around 10 parts per hundred (%)
- corrosiveness – high pH due to the presence of alkali metals and oxides
- reactivity with water – producing toxic, explosive, and inflammable gases.[13]

The toxic, corrosive, and reactive nature of SPL means that particular care must be taken in its handling, transportation, and storage.

Transport Canada 1991 documented an incident in 1990 in Quebec Canada where inappropriately stored and transported SPL caused a large explosion on a ship that killed two crew members and injured several more. It should be noted that since the explosion in 1990 and following appropriate United Nations endorsed risk mitigation measures, many thousands of tonnes of spent pot lining has been shipped around the world without incident.

SPL has been recognised as a major environmental concern for the industry for decades. SPL also has recovery potential because of its fluoride and energy (carbon) content.

First cut SPL is similar or slightly higher in fluoride content than second cut SPL but, because it mostly consists of carbon, it absorbs more heavy metals and other substances of concern such as cyanide, which have the potential to leach into the environment. While first cut SPL can be more of a waste management concern than second cut SPL (the USEPA focus more on first cut SPL), both cuts are typically classed as hazardous waste. The hazard classification of SPL in Australia is discussed in detail in Section 7.3.

[13] Source: JOM2013

4 Australian aluminium smelters

4.1 Site details and aluminium production rates

Australia has four operational and two recently closed aluminium smelters. These are summarised in the table below.

Table 2: Australian aluminium smelters operational and closed

State	Majority owner	Common site name	Production began	Status	Smelter location	Al production (t/year)
NSW	Hydro	Hydro Kurri Kurri	1969	Closed	Kurri Kurri	NA (180,000)
	Tomago Aluminium	Tomago	1983	Operational	Tomago	590,000
Qld	Pacific Aluminium	BSL (Boyne Smelters Limited)	1982	Operational	Boyne Island	>570,000
Vic	Alcoa	Portland	1986	Operational	Portland	304,000
	Alcoa	Point Henry	1963	Closed	Point Henry	NA (192,000)
Tas	Pacific Aluminium	Bell Bay	1955	Operational	Bell Bay	180,000
					Total:	**~1,650,000**

Note: production tonnages for closed sites (in brackets) refers to production in year before closure.

Australia is *currently producing* about 1.65 Mt of aluminium per annum. Based on the JOM 2013 typical figure of 22kg SPL per tonne of aluminium production, it can be estimated that Australia is currently generating about **36,000 tonnes of SPL per annum.**

4.2 Site histories and historical SPL management

This section discusses the history of each of the smelting sites and their historical management of SPL. This section discusses several companies and processes used for historical SPL waste management. **Refer to Section 6 for the detailed discussion of the SPL management options and SPL WMPs.**

4.2.1 Hydro Kurri Kurri

The Kurri Kurri aluminium smelter began operation in 1969 and was acquired by Hydro, a member of Hydro Aluminium Group based in Norway, in 2002. Production ceased in September 2012. Prior to closure, Kurri Kurri's smelter production capacity was approximately 180,000 tonnes per annum.

The decision to cease production at the Kurri Kurri aluminium plant in 2012 was based on the overall market situation for aluminium, such as the continued weak macro-economic environment, with low metal prices, uncertain market outlook and strong Australian dollar (AUD) relative to the U.S. dollar (USD).

After keeping the smelter in 'care and maintenance' mode for almost two years, Hydro began plans for significant development around the site, which includes an industrial estate, residential housing and a conservation reserve.

Hydro is now making plans to demolish the smelter and remediate the site. They have submitted Planning Proposals to both the Cessnock and Maitland City Councils that cover proposed redevelopment rezoning requirements. Hydro also submitted a Demolition Development Application to Cessnock Council in 2015 for demolition of part of the smelter infrastructure. Planning approval was received in March 2016.

After a period of discussions with NSW EPA and the Department of Planning and Environment, Hydro has lodged an Environmental Impact Statement (EIS) for its Demolition and Remediation Project. The EIS for the remediation has recently been through the public exhibition process.

Hydro have gone through a process of identifying various options for dealing with SPL-containing wastes in their capped waste stockpile (CWS) and have assessed each potential option against a range of criteria including: timeframe, legacy, risk, corporate social responsibility, environmental outcome, economic viability and permissibility.[14]

The EIS proposes the construction of an engineered containment cell onsite, into which CWS material will be relocated.

The onsite CWS received SPL and other wastes from the 1960s to 1993. Hydro stated that other deposited wastes have been confirmed (via sampling) including friable asbestos from historically disposed casting floats, gaskets and other consumables. Hydro estimate that less than half of the in the CWS is SPL. The CWS is not an engineered landfill, and as such is likely to be leaching contaminants such as fluoride and cyanide, although Hydro have stated that the leachate contamination plume is contained to local groundwater.

From 1993 onwards SPL has been stored in above-ground shed structures.

From the mid-2000s Regain has processed some of Hydro's SPL.

Hydro has not exported SPL overseas for processing from the Kurri Kurri site.

4.2.2 Tomago Aluminium Tomago

Tomago Aluminium began production in 1983. At that time, it was the world's first large-scale Pechiney 'AP18' plant, with two potlines and an annual production capacity of about 240,000 tonnes. Further expansions in the 1990s, followed by a technology change in 2001 and subsequent production increases in the last seven years have taken production capacity up to 590,000 tonnes per annum.

Tomago have never landfilled SPL onsite.

Tomago arranged twelve export shipments in total, from the late 1980s/early 1990s through to the late 1990s, to manage SPL waste up to that point. From the early 2000s Tomago has utilised local solutions with Regain and more recently with Weston Aluminium.

[14] Hydro Kurri Kurri, Project Fact Sheet: Demolition and Remediation (2015): http://www.hydro.com/pagefiles/2146575202/ReGrowth%20Fact%20Sheet_Remediation.pdf

Their earliest export shipments were to an Italian company called Selca. Selca sent mineral outputs into cement kilns and carbon outputs into steel manufacturing. Approximately 95,000t of SPL was exported to Selca.

Their next shipments were to Befesa, in Spain. Three shipments were sent to Befesa, 2 x 8,000t and 7,000t, bringing the total exported to date to approximately 118,000t.

Tomago's approach to export has become more efficient and effective as they have learnt from each process, and this degree of planning has led to economically and logistically good export outcomes for Tomago's SPL.

Since the early 2000s Regain has been present onsite at Tomago, processing their SPL. Pots are 'delined' via a lightly watered process by Tomago and stored in a single shed. Loads are taken from this shed by Regain and processed by drying, crushing, and thermal treatment via a rotary kiln (to remove cyanides and make process outputs safer to transport). Regain have kept good pace with arisings since the 2000s and when combined with the export shipments noted above, have led to the relatively small current stockpile.

Tomago also sends SPL to Weston Aluminium, who also have a history of processing Tomago's aluminium dross (which is generated at around 1% of production volumes at Tomago and has recoverable aluminium content). This SPL stream is predominantly the refractory 2nd cut.

4.2.3 Pacific Aluminium Boyne Smelters limited (BSL)

BSL have never landfilled SPL onsite.

BSL produces in excess of 570,000 tonnes of aluminium per year. It has been in operation since 1982 and has been extensively expanded over several upgrade iterations.

BSL has a cement manufacturing industry nearby, which is why the COMTOR process was created. The COMTOR plant was commissioned in the mid to late '90s, to process that site's SPL arisings. The solid product was destined for use at in cement manufacture or other local use, such as road base. A liquid caustic soda product was sent for use at the alumina refining process at nearby Queensland Alumina Limited (QAL).

This involved a three stage process of crushing, thermal destruction of cyanide (in a calcination process) and a third wet digestion stage that consisted of adding lime and water. The outputs from the full COMTOR process were a sodium-reduced calcium fluoride rich product (called kiln grade spar) and a concentrated sodium hydroxide product (called Bayer grade caustic) that was suitable for direct reuse at the BSL refinery. During development and early operation of the COMTOR process, it was found to be advantageous to process "whole of pot" SPL rather than separate 1st and 2nd cut. Since this time BSL has not separated the two 'cuts' after cell de-lining.

Despite the kiln grade spar also having significant carbon calorific value, it had only limited fuel value in use as a cement feed material due to it being a damp filter cake containing lots of hydrates. The cement kiln changed from a wet process to a significantly larger capacity 'dry' process. This ultimately proved an advantage to BSL, because from the early 2000s, there was no longer a need to remove sodium as a separate stream. It was able to drop the wet digestion stage of COMTOR.

This partial COMTOR process consists of separation of coarse metal fragments, crushing to <1 mm and thermal drying to prevent the generation of flammable gases during transport and storage. The final crushed and dried product output is pneumatically transferred into specially designed isotainer

trucks, which are pneumatically sealed and contained for the one hour transport to Fisherman's Landing, north of Gladstone. The third stage of COMTOR is currently 'mothballed' onsite.

The DoEE *Hazardous waste permit applications formally received as at 4 April 2016* [15] provides details of an export permit application from BSL to send SPL to Spain presumably to Befesa. The relevant extract is included below. At the time of writing the permit was still being assessed by the department.

"Notification Number	Applicant	Date Gazetted*	Movement Type	Origin/ Destination**	Waste	Notification Number	Date Gazetted*
AUS15-019	Boyne Smelters	2/07/2015	Export	Spain	Spent pot liner (A4050)	**6 000 t**	Recycling/reclamation of metals and metal compounds (R4)

* Subject to the Administrative Appeals Tribunal Act 1975, a person or persons whose interests are affected by this decision may, within 28 days of publication in the Commonwealth of Australia Gazette, make an application in writing to the Department of the Environment requesting the reasons for the decision.
An application for independent review of the decision may be made to the Administrative Appeals Tribunal on payment of the relevant fee by the applicant within 28 days of receipt of the reasons for the decision, or within 28 days of the Gazettal notice if the reasons for the decision are not sought. Applications should be made to the Deputy Registrar, Administrative Appeals Tribunal in your capital city, as listed under the Commonwealth Government Section in the White Pages.
Further enquiries should be directed to the Director, Hazardous Waste Section, Department of the Environment, GPO Box 787 CANBERRA ACT 2601, or forwarded by e-mail to hwa@environment.gov.au
**Origin and destination not specified for transit permits
***Treatment facility specified for imports only"

4.2.4 Alcoa Portland

Alcoa's website provides the following concise summary of the site history for the Portland site.

> *"Production began at Portland Aluminium in 1986 and today the smelter produces approximately 358,000 tonnes of aluminium a year. Alcoa is one of Victoria's largest exporters with all of the aluminium produced at Portland Aluminium exported to the Asian market. Total exports equate to approximately $649 million per annum."*
>
> *"**Potrooms***
>
> *The Portland Aluminium smelter consists of four 750 metre potrooms each housing 102 smelting pots. The potrooms are the heart of the smelting process as it is here that the molten aluminium is produced.*
>
> *In the potrooms, the alumina is fed into a large graphite lined steel furnace known as a pot. The alumina is dissolved in molten cryolite, also known as aluminium fluoride or 'bath'.*
>
> *A high electric current is passed through the pot at low voltage via the anodes which enables the alumina solution to split into its components of aluminium and oxygen. The oxygen reacts directly with the carbon anode, which gets consumed to form carbon dioxide that bubbles* away *and the aluminium collects at the bottom of the pot. The electricity also maintains the temperature of the pot at 960 degrees Celsius.*
>
> *The aluminium is siphoned from the bottom of the pot using a crucible and is then transferred to the ingot mill for casting.*

[15] DoEE *Hazardous waste permit applications formally received as at 4 April 2016* available at https://www.environment.gov.au/protection/hazardous-waste/applying-permit

Each pot at Portland Aluminium produces two tonnes aluminium a day. Over time, the graphite pot lining will wear and need to be replaced. The steel shells of the pots are also refurbished and relined in the pot lining facility".

Source: ALCOA website April 2016, see http://www.alcoa.com/australia/en/info_page/portland_overview.asp

Note: Portland's production is presently curtailed by approx. 15% (since July 2009) below the figures stated above to around 304,000 tonnes per annum.

During consultation Portland provided the following regarding historical SPL management:

"Historically within Australia the primary management practice for SPL have been storage or disposal to landfill. Portland Aluminium has not land-filled any SPL since operations began in 1986. Dedicated SPL storage areas (at the smelter site and at an offsite storage facility) are used at Portland Aluminium for the storage of SPL generated at the facility. These areas are maintained to ensure that the SPL is stored in an environmentally safe and recoverable condition for subsequent reuse recycling.

The aluminium industry, including Alcoa, has been assessing a range of processes for the potential to process SPL. Until recently, there were very few sustainable options available. During this time, Portland Aluminium utilised the following processes:

- The treatment of SPL occurred through a dedicated onsite Spent Pot Lining (SPL) treatment plant between 1995 to 2007. Due to the ongoing difficulties with equipment reliability and overall process stability and no outlet for the end product, this process was idled...

- Portland Aluminium began transporting to the Point Henry Regain facility for processing in 2007…

- In recent years (2011, 2013 and 2014) Portland Aluminium exported 2nd Cut SPL overseas (United Kingdom) for recycling and reclamation of the mineral content. This was a complicated process and with a significant shift in the economics relating to the exporting process and increase in demand for SPL at the Regain facility, exporting to the UK is no longer deemed necessary."

The 'SPL treatment plant' mentioned above is the '**Ausmelt**' process developed by Alcoa.

During the site visit Portland staff explained that the historical SPL shipments were to JMBI in the UK. These shipping of SPL were problematic due mainly to:

1. Lengthy export approval processes.
2. Complex requirements for shipping hazardous wastes.
3. Difficulties in gaining approval for the SPL to pass through each port.

Portland commented that they are unlikely to seek further export permits due to previous experience, having local opportunities for processing, and the impact of the low Australian dollar on export processing costs.

4.2.5 Alcoa Point Henry

Alcoa's website provides the following concise summary of the site history for the Point Henry site.

> ***"History of Point Henry***
> *Point Henry was home to two Alcoa operations – the Point Henry Smelter (1963 to 2014) and the Alcoa Australia Rolled Products rolling mill (1965 to 2014).*
> *The smelter was placed under strategic review in February 2012 due to challenging market conditions. A comprehensive review found the 51-year-old smelter had no prospect of becoming financially viable. The rolling mills served the domestic and Asian can sheet markets which were impacted by excess capacity.*
> *After five decades of operation, in February 2014 Alcoa announced the closure of its Point Henry operations.*
> ***Former operations***
> *In 1961 Alcoa of Australia was formed. Its first project was the construction and commissioning of the Point Henry smelter in Geelong. The first molten metal was poured on April 17 1963.*
> *The smelter was one of the first plants in Australia to produce primary aluminium for domestic and international markets. In its final years the plant produced more than 192,000 tonnes of aluminium per year.*
> *Approximately 45 per cent of the aluminium produced at the Point Henry smelter was sold to the neighbouring Alcoa Australia Rolled Products, where aluminium was rolled into sheet. The remainder of Point Henry's aluminium was sold into Asia (Japan, Korea and Taiwan).*
> *Since 1965 Alcoa produced aluminium sheet at Point Henry, the majority being domestic beverage can end-sheet. Eighty per cent of its rolling capacity was dedicated to supplying the Asian market.*
> *The Alcoa Point Henry industrial operations was separated into three production areas -*
> - *the 'electrode' area where carbon blocks were formed for use as an anode in the smelting process,*
> - *the 'potrooms' where carbon cathodes were used to line the pots where the smelting process was undertaken; and*
> - *the casthouse and rolling area where molten metal was cast into ingots and rolled into sheet.*
>
> *During its 51 years of operation, the Point Henry smelter produced more than 7.3 million tonnes of aluminium – enough to make more than 490 billion cans or 93,000 jumbo jets."*

Source: Alcoa website April 2016, see http://www.alcoa.com/australia/en/info_page/point_henry_history.asp

In April 2015 EPA Victoria issued a 'Clean-up Notice' for the Point Henry site[16]. The Clean-up Notice requires quarterly reporting to provide updates regarding notice implementation. The Alcoa (2016)

[16] Available at: See: http://www.epa.vic.gov.au/about-us/news-centre/news-and-updates/news/2015/april/01/epa-issues-alcoa-with-clean-up-notice-for-point-henry-site

update[17] includes the following regarding current and planned activities regarding the Point Henry site remediation.

> *"**Activities since closure:***
>
> *Alcoa has continued to engage suitably qualified consultants to develop Preliminary Conceptual Site Models and Work Plans for the Industrial Site, the Moolap Landfill, and the Industrial Landfills (SPL and General Refuse Landfill and the CPL Landfill). Work is progressing on appointing consultants for the two remaining zones, the Farmlands and the Wetlands and Grasslands. The aim of these activities is to close out identified data gaps in the Preliminary Site Investigations.*
>
> *In January, Alcoa engaged a specialised groundwater consultant to conduct a Light Non-Aqueous Phase Liquid (LNAPL) extraction trial under the Rolling Mill at Point Henry. The trial was completed with the results now being reviewed by Alcoa. The EPA-Appointed Auditor, Darryl Strudwick has been briefed on progress of the environmental assessment work, and the LNAPL extraction trial throughout the quarter. An onsite meeting with engaged consultants and the Auditor to review the current status was conducted on February 25th 2016.*
>
> *Onsite decommissioning works have continued with submission to the Authority of the Environmental Aspects and Impacts registers associated with the major work packs.*
>
> ***Planned activities for 1 March 2016 – 31 May 2016:***
>
> *Alcoa expects to appoint consultants for the remaining two zones for the development of the Preliminary CSMs and Work Plans. Alcoa will review the Preliminary CSM and Work Plans for the Industrial Landfills, Moolap Landfill and the Industrial Site prior to executing any additional sampling activities that may be required. Alcoa also expects to engage a specialised drilling contractor in anticipation of further sampling that may be required.*
>
> *Alcoa will complete a detailed review of the LNAPL extraction trial results and will continue to maintain regular contact with the EPA-Appointed Auditor".*

During the site visit Alcoa stated that from the site opening in the mid-1960s up to the early 1980s SPL and salt dross waste (from rolling of aluminium ingots) was disposed to the 'industrial landfill'. Alcoa also stated that the 'Moolap landfill' received SPL and salt dross from the mid-1980s to 2003. Both the Industrial and Moolap landfills are currently undergoing an environmental assessment including by an EPA appointed auditor. The findings of this audit are expected around the end of 2016 (calendar). The findings of this audit will help determine the ongoing management requirements for the landfilled SPL at the Point Henry site.

From 2003 up until site closure in 2014, the Regain Services facility (located onsite) processed SPL arisings.[18] The Regain facility remains onsite and operational, however, is not currently processing SPL from the Point Henry site.

Alcoa's 2011 *Environmental Improvement Plan* provides some historical data for the amount of SPL material managed by Regain.

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[17] The latest update from Alcoa for March 2016 is available here: http://www.alcoa.com/australia/en/pdf/ang_201602_quarterly_report_to_EPA.pdf

[18] Apart from a period of shed storage in the first couple of years while Regain was establishing the operation.

"Alcoa continues to engage Regain Services Pty Ltd to process SPL and other carbon based by-products into alternative fuel for cement industry at its facility.

In 2009, 2,124 tonnes of SPL was produced at Point Henry and Regain Services processed 4,551 tonnes of Point Henry SPL.

2010 has seen Point Henry produce 3,184 tonnes of SPL and Regain Services have processed 4,400 tonnes of Point Henry SPL.

2011 YTD has seen Point Henry produce 2,018 tonnes of SPL and Regain Services have processed 1,898 tonnes of Point Henry SPL" (page 18).

Alcoa commented that the closed potlines onsite are as they were when production ceased in July 2014.

4.2.6 Pacific Aluminium Bell Bay

The Bell Bay aluminium smelter was the first aluminium smelter in the southern hemisphere beginning production in 1955. The site establishment was as a joint venture between the Australian and Tasmanian governments driven by the difficulties in importing aluminium to Tasmania during wartime. The Bell Bay site was chosen because of its deep water port facilities and Tasmania's hydroelectric generating capacity. Since opening production has grown from 1,200 tonnes to around 180,000 tonnes per annum.[19]

Since the site began operations up until around 1996, SPL was landfilled onsite in un-engineered landfills.

In 1996 approximately 136,000 cubic meters of SPL from landfill storages onsite was removed from old landfill storages into three engineered landfills (referred to by Bell Bay as 'encapsulations') which were approved by the Tasmanian EPA.

The Bell Bay engineered landfills were designed with a 50 year life. After that time the landfilled waste will be reassessed and potentially placed into a replacement landfill. The current landfill is capped and has active leachate treatment and gas venting.

Since the late 1990s SPL has been stockpiled in above ground sheds.

In 2010, Bell Bay began processing SPL at the Cement Australia Railton site (CAR).

To prepare SPL for processing at CAR, Bell Bay Aluminium operates an SPL crushing system onsite. It is based on quarry crushing technology (that is mobile). The Bell Bay SPL pre-processing system consists of the following steps:

1. Removal of any steel (cathode rods) from the SPL wastes.
2. Crushing of SPL in crushing plant. Aluminium and steel residual is removed from the SPL during the crushing process.
3. Loading crushed SPL into purpose built container trailers for transport to Railton cement kiln. Transported under class 4.3 dangerous goods code (see photo below).
4. Feeding of the crushed SPL into cement kiln.

[19] Source: Bell Bay Aluminium website 2016, see http://bellbayaluminium.com.au/history

Figure 4 Photo of containers used to transport SPL to CAR[20]

Rio Tinto Aluminium's *Bell Bay Sustainable Development reports* (2010-2015) have publically reported the following tonnages of SPL from Bell Bay as processed at CAR.

Table 3 Reported Bell Bay SPL processing at CAR

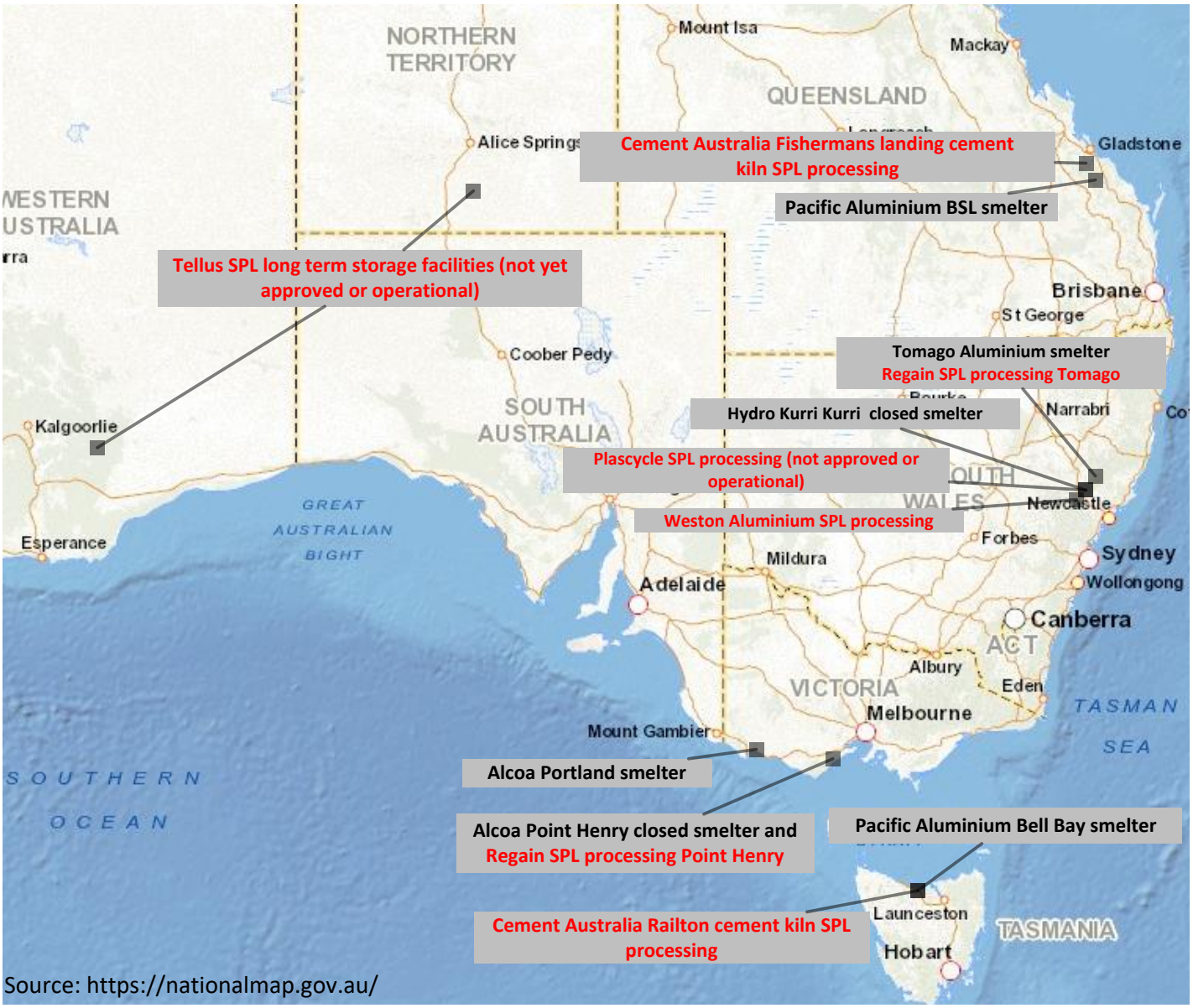
Year	2010[20]	2011[21]	2012[22]	2013[23]	2014[24]	2015[25]
SPL reported as processed at CAR (tonnes)	2,786	6,567	4,190	4,050	4,057	3,082

[20] Source: Rio Tinto Aluminium (Bell Bay) Limited, 2010, *Bell Bay 2010 Sustainable Development report*
[21] Source: Rio Tinto Aluminium (Bell Bay) Limited, 2011, *Bell Bay 2011 Sustainable Development report*
[22] Source: Rio Tinto Aluminium (Bell Bay) Limited, 2012, *Bell Bay 2012 Sustainable Development report*
[23] Source: Rio Tinto Aluminium (Bell Bay) Limited, 2013, *Bell Bay 2013 Sustainable Development report*
[24] Source: Rio Tinto Aluminium (Bell Bay) Limited, 2014, *Bell Bay 2014 Sustainable Development report*
[25] Source: Rio Tinto Aluminium (Bell Bay) Limited, 2015, *Bell Bay 2015 Sustainable Development report*

4.3 Locations of Australian aluminium smelters and SPL WMPs

Figure 5 illustrates the locations of Australia's currently operating and closed aluminium smelters. It also includes the locations of the Australian SPL WMPs that are discussed in Section 6.

Figure 5 Map of Australian aluminium smelters and SPL WMPs facilities



Source: https://nationalmap.gov.au/

5 Australian SPL waste stockpile profile

The table below provides the profile of the SPL stockpile in Australia. The table details the stockpiles on each site, including if the stockpile is segregated 1st or 2nd cut, or a combination of both (referred to as mixed SPL). The table also details tonnages of SPL that are currently stored above ground (in sheds) or in a landfill onsite.

Table 4 SPL waste stockpile tonnage profile

Site	State	SPL above ground (tonnes)[26]				SPL landfilled (tonnes)	Total SPL stockpile onsite (tonnes)	Est. new SPL arisings (tonnes/ year)	Site SPL drawdown plan (above ground) (years)	Data source/comments/assumptions
		1st cut SPL	2nd cut SPL	Mixed SPL	Sub total					
Alcoa Portland	Vic	59,192	23,720		82,912	0	82,912	3,600	10	Data provided by Alcoa in written submission. The drawdown plan (years) is assumed based on information provided regarding previous processing rate.
Alcoa Point Henry	Vic	9,600	6,400		16,000	164,424	180,424	-	Under development	Data provided by Alcoa in written submission.
Tomago Aluminium	NSW	5,027	4,256		9,283	0	9,283	10,000	2	Data from confirmed site meeting minutes.
Hydro Kurri Kurri	NSW	40,000	40,000		80,000	90,000	170,000	-	Under development[27]	Data from confirmed site meeting minutes.
Boyne Smelters Limited	Qld			90,000	90,000	0	90,000	12,500	16 or more	Data provided by Pacific Aluminium in written submission.
Bell Bay Aluminium	Tas			30,000	30,000	136,000[28]	166,000	3,000	10 or more	Data provided by Pacific Aluminium in written submission.
Totals		**113,819**	**74,376**	**120,000**	**308,195**	**390,424**	**698,619**	**29,100**		

[26] The SPL above ground tonnages includes the tonnages of SPL that remain in potlines at the closed smelters at Alcoa Point Henry and Hydro Kurri Kurri.
[27] Hydro stated that they are planning for above ground SPL stockpiles to be recycled over the next 3 to 4 years.
[28] Pacific Aluminium reported 136,000 m^3. We have assumed a 1:1 conversion factor for m^3 to tonnes.

5.1 Analysis of SPL stockpile data

The data presented in Table 4 confirms that Australia has a significant stockpile of SPL with a total of around 700,000 tonnes of SPL in either above ground or below ground storages around Australia.[29]

Just under half of Australia's SPL stockpile (about 310,000 tonnes) is stored in above ground stockpiles. Interestingly there is a higher proportion of 1st cut SPL (about 114,000) than 2nd cut SPL (about 74,000). The high carbon content in 1st cut SPL has historically meant that there have been more processing options for 1st SPL cut than 2nd cut SPL. The largest portion of the above ground stockpile is mixed 1st and 2nd cut SPL (about 120,000 tonnes).

Just over the other half of Australia's SPL stockpile (about 390,000 tonnes) is stored in landfills onsite at several sites around Australia. The composition of the landfilled SPL is not known, but is likely to be around 50-60% 1st cut and 40-50% 2nd cut SPL.

5.2 Site aboveground SPL stockpile drawdown plans

The following definition for an 'SPL drawdown plan' has been adopted for this report and analysis.

An 'SPL drawdown plan' is a plan that has at least 2 of the following:

1. The smelter can demonstrate a recent (i.e. the last 3 years) history of significant stockpile drawdown. It should be noted that, during consultation, several smelters provided data/charts that illustrate that in the last few years SPL stockpile processing rates have increased resulting in partial drawdown of existing stockpiles.
2. Commercial arrangements are in place with between the smelter and SPL WMP/s that will result in the drawdown of SPL stockpiles and the management of any new SPL arisings.
3. The estimated timeframe for the drawdown of the SPL stockpile has been provided for this public summary report.

Of the six smelting sites in Australia, only Tomago Aluminium has a drawdown plan in place that will have all SPL stockpiles removed from the site well within a 10 year period.

Alcoa Portland also has a drawdown plan in place that is likely to result in all stockpiles removed in around 10 years.

Pacific Aluminium sites at Bell Bay and Boyne (BSL) have drawdown plans in place, however the plans may take up to 10 or more years to implement, depending on the SPL processing rates that are achieved in future.

At the time of writing we understand that the Alcoa Point Henry drawdown plan was still under development. The smelter is closed and undergoing site decommissioning to allow for future development.

At the time of writing we understand that the Hydro Kurri Kurri drawdown plan was still under development. The smelter is closed and undergoing site decommissioning to allow for future

[29] This 700,000 tonnes stockpile estimate is around 22% less than the 900,000 tonnes stockpile that was identified in the 2015 *Hazardous waste infrastructure needs and capacity assessment* report. The higher figure was provided during industry consultation and it is unclear what year the data referred to and the method used to estimate the totals.

development. Hydro stated that they are planning for above ground SPL stockpiles to be recycled over the next 3 to 4 years.

5.3 Uncertainty in stockpile tonnage assessment

The information provided in the Table 4 has all been provided by site operators – who have been very helpful and forthcoming during the consultation and information gathering phase of this project. It is beyond the scope of this project to audit the data provided by sites regarding stockpile volumes/tonnages, beyond a basic site visit and viewing of the stockpiles. The authors have no reason to doubt the stockpiles data provided, however, it needs to be noted that an audit of the dimensions of storage sheds or landfill extent of SPL waste has not been completed.

The national estimated annual SPL generation rate of 29,100 tonnes per annum, tallied from site-supplied figures, is below what is estimated in Section 4.1 (36,000 tonnes per annum). The estimates of SPL generation provided by industry are around 19% lower than what might be expected based on the current annual production capacity. There may be smelting practices and/ or pot lining preservation techniques that can explain this difference, however, this has not been confirmed by industry.

6 Summary of SPL management options and WMPs

A brief summary of SPL options available in Australia or via export is provided, in alphabetical order, in Table 5. These include those currently operational and planned to be operational within the nominal 10 year period of national stockpile draw down. Each of the options is discussed in more detail in the sections that follow the table.

Table 5 Summary of SPL management options and WMPs available to Australian aluminium smelters

Option	SPL Waste management providers (WMPs)	Process description	Off-take market(s)	SPL 1st or 2nd cut or both	Licensed capacity (t/yr)
Cement manufacturing ('direct feed')	Cement Australia: Railton kiln (Tas). Cement Australia: Fisherman's Landing kiln (Qld)	Direct use of smelter prepared 1st and 2nd cut, and whole of pot SPL in Portland cement clinker manufacture.	Construction, building, major projects	Both	Limited by process capacity not licence
Co-processing SPL with salt slags **(export)**	Befesa (Spain). JBMI (UK, process used is unknown)	Befesa operate plants to recycle Al dross salt slags and other residues from dross recycling. SPL is used to reduce energy input requirements.	1. Mineral outputs to cement or mineral wool. 2. Salt for dross treatment	Both	Unknown
Long term storage	Tellus Holdings two sites: Chandler (NT) and Sandy Ridge (WA).	Long term storage or permanent isolation in deep geological (salt) repository. **Not yet approved or operational. Estimated operational late 2017.**	N/A	Both	Not yet licensed. Potential: NT 400k WA 100k.
Mineral wool manufacturing **(export)**	Rockwool (Germany)	Blocks of 1st cut SPL are used in the process of manufacturing mineral wool, as a partial substitute for coke. Process not suited to 2nd cut or 1st cut fines SPL.	Insulation products for building sector	1st	Unknown
Plasma arc vitrification	Plascycle, Hunter region, NSW	Plans for pilot plant scale plasma arc destruction technology. **Not yet operational - concept stage only.**	If slag is inert may have reuse options	Both	Not yet licensed.
Thermal treatment and processing	Regain (onsite at Tomago, NSW and Point Henry, Vic)	Crushing, grinding, low temperature destruction of cyanide (CN) and off-gases followed by blending to specification as mineral feedstock for cement kilns.	Cement industry (mostly export)	Both	Tomago:20k Point Henry: limited by process not licence.
Thermal treatment and processing	Weston Aluminium, Weston NSW	Thermal destruction of CN and off-gases to create a feedstock specification for client manufacturing processes. Currently doing 'mixed SPL trial' till August 2016.	Brick manufacturing (mostly export)	2nd (currently)	Total for Al dross and SPL: 40K Trial: 3K mixed SPL

Additional potential SPL management options and WMPs[30]

It is important to note that other potential options/WMPs exist, beyond those included in Table 5, for SPL management **within Australia**. At the time of writing these additional SPL management options/WMPs were not developed and/or did not have approvals in place for SPL and are therefore not as likely to have capacity to receive SPL within the next 10 years.

These include the use of SPL or SPL-derived materials as feedstock in domestic industries such as:

- Cement manufacturing kilns in South Australia and NSW (beyond the Cement Australia kilns discussed).
- Steel manufacturing in NSW. Note steel manufacturing is only suited for processing 1st cut SPL.
- Brick manufacturing in NSW.
- Waste to energy plants that could have capability to process SPL.

Internationally, additional options/WMPs not included in Table 5 include:

- Additional cement or brick manufacturing sites in numerous countries that could potentially take untreated SPL for 'direct feed'. Australia currently exports *treated and processed* SPL to international cement and brick kilns via Regain Materials and Weston Aluminium. This study did not identify plans or DoEE export permits for export of untreated SPL to international cement or brick kilns.
- Rio Tinto's low caustic leaching and liming process (LCL&L) plant built in Quebec Canada in 2008. Although this is at commercial scale (80,000tpa SPL capacity), it is still in an R&D phase and not likely to be able to service Australian smelters.
- SELCA Eco-industry in Italy, historically have processed SPL however no information was identified and this site is understood to have now closed.

6.1 Cement manufacturing ('direct feed')

A focus of most SPL recovery options is to incorporate the SPL into other processes where the high fluoride in the SPL (and the other constituents) can be tolerated or may even give beneficial effects. This is the case in cement manufacture.

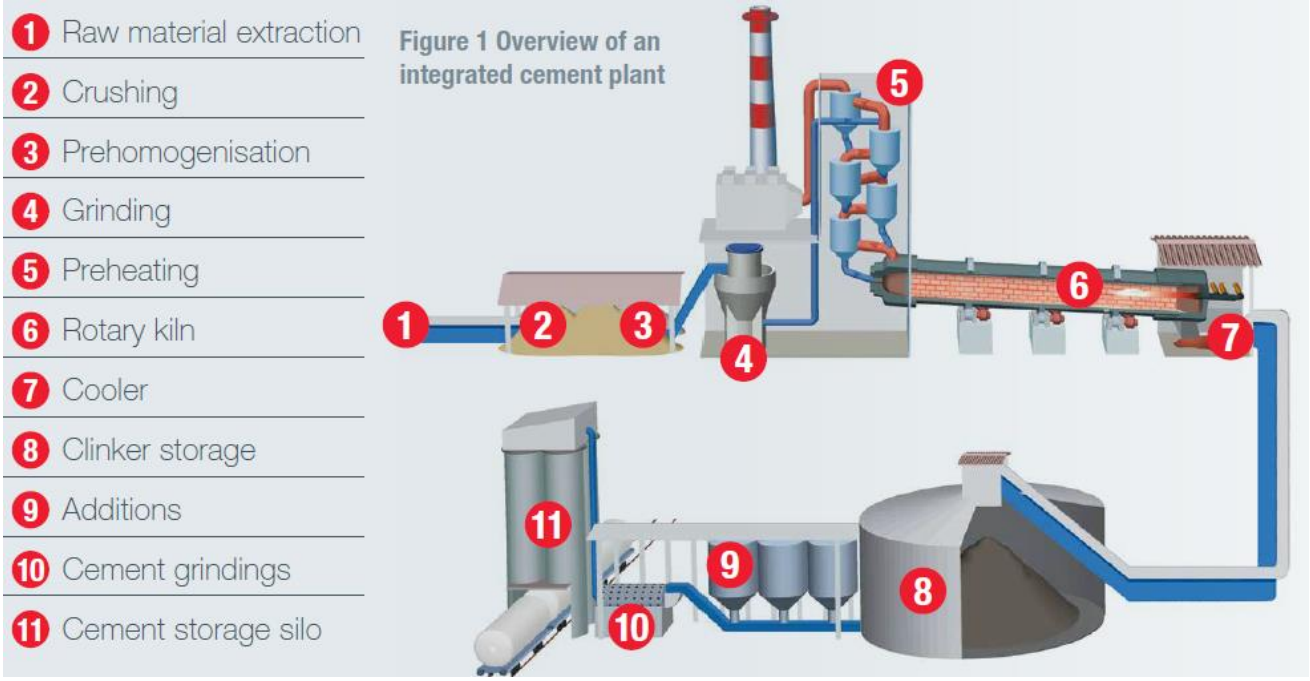
Figure 6, below, provides an overview of the eleven steps in the cement manufacturing process. At the most basic level cement manufacture can be described in the following four phases:

1. Limestone (calcium carbonate), clay, and shale (alumino silicates and iron oxides) ('**rawmix**'), extraction, crushing, grinding, homogenisation (steps 1-4).
2. Rawmix preheating and/or pre-calcination (step 5).

[30] **SPL waste management providers (WMPs)** for this report are defined as: a third party company that provides services to the aluminium smelting industry that result in the smelter's SPL stockpiles being processed, or sent to approved long term storage facilities. As per the project brief, SPL WMP options discussed include national and international SPL processing options and long term storage facilities in Australia (only).

3. Rawmix heating in a rotary kiln at temperatures of up to 1450 degrees Celsius to produce 'clinker' (step 6).
4. Clinker cooling, storage, additions of gypsum, and grinding to make Portland cement (steps 7-11).

Figure 6 Overview of cement manufacturing process



Source: Cement Industry Federation 2013

'Direct feed' of smelter prepared[31] SPL into the kiln is typically feed into the preheater/pre-calcination tower at the inlet of the rotary kiln.

The main advantages of SPL use in cement manufacture include:

- The carbon in 1st cut SPL provides calorific value, the fluorides acts as a mineraliser[32], and the sodium acts as a fluxing agent lowering the temperature for clinker formation and saving fuel and reducing greenhouse gas emissions. [33]
- Both 1st and 2nd cut SPL can be processed in cement kilns.
- The fluoride in SPL slows the rate of hardening of cement, which increases its overall strength.
- The fluoride in SPL is locked up as CaF_2, which transforms SPL-fluoride from highly leachable to almost inert.

[31] Smelters prepare SPL for feeding into the cement kilns to varying degrees. As a minimum 1st and 2nd cut SPL is screened and ground to a size suitable for feeding into the preheater/pre-calcination tower.
[32] A "mineraliser is a substance that accelerates reaction rates and promotes the formation of desired materials in the liquid phase of cement clinker or similar materials". Source: Regain Technologies 2014.
[33] Source: Regain Technologies 2014

- At a global level, the cement industry has very large and secure off-take markets – it is the main ingredient in concrete. Behind water, concrete is the second most consumed material on earth[34].

The main disadvantages of SPL use in cement manufacture include:

- SPL's high and variable sodium content. Too much alkaline sodium is detrimental to cement product performance, leading to lessening strength properties and potentially cracking. Too much alkali content also impacts on the preheater/pre-calcination tower performance – leading to deposits/blockages.[35] The rotary kiln refractory lining can also be damaged by high alkali content SPL. Consequently, alkali content is tightly controlled through a regulatory maximum alkali content of 0.6% w/w sodium oxide equivalent in Australian cement product. The alkali constraint is often less of an issue elsewhere in the world due to lower alkalis in rawmix feedstocks, which allows for higher sodium levels (and therefore more tolerance of input feedstock such as SPL) in overseas markets.
- SPL high and variable fluoride content. As noted above, fluoride addition slows rate of hardening of concrete increasing strength development. However, slowing the hardening rate is also a disadvantage because it increases the time required before concreting formwork can be removed and the next stage of construction work commenced. The cement industry uses other additives to improve the early strength development to enable quick formwork removal in construction.
- The 'smelter prepared SPL' requires careful and potentially costly management for transport and storage onsite at the cement kiln due to the hazardous characteristics of untreated SPL. For example, the SPL needs to be kept dry to avoid the generation of explosive gases and all storage areas need failsafe ventilation.

Best practice SPL management in the cement industry is to utilize as much SPL as can be accommodated (for fluoride and energy value) while limiting alkali below the 0.6% w/w maximum. This limits SPL addition[36] to kiln feedstock to allow for variability in the alkali levels in both SPL and the kiln rawmix. The limiting of SPL addition to feedstock to allow for variability in alkali levels can lessen the fluoride mineralising effects note above.

In Australia there are two cement kilns that currently are licensed to accept SPL (both operated by Cement Australia):

- Fishermans Landing (near Gladstone) accepts SPL from Boyne Smelters Limited (BSL)[37]
- Railton in Tasmania, accepts SPL from Rio Tinto's Bell Bay smelter[38].

The available capacity of these two kilns to receive SPL is not limited by EPA licensing, it is limited by the 'alkali gap' (how much additional alkaline content can be tolerated beyond that in the rawmix).[39]

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[34] Cement Industry Federation Australia 2015.
[35] Some kilns operate a '**alkali bypass'** which allow for the bleeding off of high alkali content gas/dust from the kiln which allows for higher alkali content rawmix and potentially additional capacity for SPL addition.
[36] Industry consultation suggested SPL addition is limited to around 0.3% of feedstock tonnages in Australia.
[37] http://gilg.com.au/gladstone/news_feed/cement-australia-and-kevin-doyle
[38] Rio Tinto Alcan Bell Bay, *2010 Sustainable Development report*. Available at: http://www.riotinto.com/documents/RTA_BellBay2010SDreport.pdf

During consultation, the smelting industry identified that there may be potential for the cement industry to selectively mine rawmix material (limestone, clays) for a period of 10 years that are lower in alkali content, which would allow for additional SPL processing capacity (by providing a higher alkali gap).

Important to the economics of both of the Cement Australia kilns receiving SPL is the geographic closeness of kiln to the aluminium smelter. These are good examples of how synergies of located industrial infrastructure enable SPL solutions at one site that may not be feasible at another site.

Where a cement kiln is not locally located, the smelter would likely face additional costs due to:

- long transport distances
- potentially complex approvals and transport requirements for international shipping of the SPL as a hazardous waste and Dangerous Good Div 4.3. The same could apply to a lesser extent for interstate movements.

6.2 Co-processing SPL with aluminium dross salt slags (export)

In Europe dross from the aluminium industry is treated with salt to recover aluminium. Aluminium dross is a residual waste that is created during aluminium smelting and casting processing.

Befesa (Spain) operate plants to recycle dross salt slags and other residues from dross recycling to recover mineral materials and salts for other industrial uses. Befesa have found that adding one part ground and screened SPL to three parts salts/residues decreases the energy input required to operate their water leach process.[40]

Befesa operate five plants in Europe with an installed capacity to recycle salt slags and SPL. The combined capacity is +630,000 t of salt slags and SPLs annually (+413,200 t/y of salt slags and **+23,800 t/y of SPLs recycled**).[41]

Australian smelters have sent SPL to Befesa via export permits in the past. The capacity of Befesa to receive new shipments of Australian SPL is unknown and would be subject to a contract negotiation between the Australian smelter and Befesa.

6.3 Long term storage

Tellus Holdings have two geological repository sites: Chandler (NT) and Sandy Ridge (WA).

Chandler underground salt mine and storage and isolation facility is a deep geological repository remotely located in Central Australia 120km south of Alice Springs. Storage of materials, equipment and waste would be in salt strata according to similar practices used in Europe or North America for similar wastes, known as salt repository. Salt repositories have very high integrity for waste disposal, due to the inert nature of the salt and its geological plasticity (salt will creep slowly over time).

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[39] A possible issue for future SPL processing capacity of cement kilns in Australia (and globally) could be a reduction in SPL processing capacity due to the cement industry processing other wastes that limit SPL processing rates (beyond the alkali gap limitations discussed above).

[40] Holywell G, Breault R, Almagi Inc and Rio Tinto Alcan - Research and Development Centre (2013). *An Overview of Useful Methods to Treat, Recover, or Recycle Spent Potlining*, JOM, Volume 65, Issue 11, pp.1444.

[41] Source (May 2016)
http://www.befesa.com/export/sites/befesa2014/resources/pdf/quienes_somos/2013_BES_Presentation_en.pdf

Sandy Ridge is classified as an arid near-surface geological repository. It is located approximately 150 km west/ north west of Kalgoorlie, and adjacent to the existing Mt Walton 'intractable waste disposal' facility, Western Australia's only Class V landfill (their highest risk ranking of five categories of landfill).

Both facilities plan to be licensed to receive hazardous waste material such as SPL which will be stored on a 'like with like' basis to facilitate full retrievability of the material for future recycling and beneficial use.

The two facilities are currently progressing through feasibility, planning and regulatory approval processes. The Sandy Ridge site is planned to be accepting first wastes by late 2017, with the Chandler facility to follow approximately 12-24 months later.

Although regulatory approvals are not yet in place, the Chandler site has a proposed capacity of 400,000 tpa while the Sandy Ridge facility proposes a licensed capacity of 100,000 tpa.

6.4 Mineral wool manufacturing (export)

In 2013 Norsk Hydro in Norway entered into a contractual agreement with Rockwool™ International in Germany, to process their 1st cut SPL.[42] Because it is high in carbon it has been used as a substitute for coke in the thermal process of insulation material production. It is not clear whether this agreement, which was to expire at the end of 2013, has been extended or what the outcomes of using SPL in that industry were.

Literature[43] suggest that a French aluminium smelter may also have exported SPL to Germany for mineral wool manufacture.

Section 7.4.2, below discusses the European Union funding a project under the LIFE program that supported the development of the mineral wool process to process SPL. The European Commission website provides another reference[44] which discusses the potential capacity of the mineral industry to receive SPL:

> "From technical point of view is seems to be possible to substitute 20 - 25% what will give 64 - 80 kt/a coke saving and **105 - 130 kt/a recycled lump SPL.** That is 1.5 - 2 times the amount of the total European SPL waste. Time consuming permission procedures, needed investments and an unclear market situation is the reason why a fast progress is unrealistic".

This suggests that there is significant capacity available for SPL processing in mineral wool manufacture, however, the publication date is not provided and the current status of mineral wool capacity to receive SPL needs confirmation. Industry noted during consultation that mineral wool manufacture would only be suited to blocks of 1st cut SPL processing. The process is not suited to 2nd cut SPL **or** to fines of 1st cut SPL. It is assumed that the mineral wool processing of SPL is not equipped to manage 1st cut SPL fines due to dust and furnace feed-in issues.

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[42] Source May 2016: http://www.aluminiumtoday.com/news/view/norway-hydros-rockwool-contract-benefits-the-environment

[43] Holywell G, Breault R, Almagi Inc and Rio Tinto Alcan - Research and Development Centre (2013). *An Overview of Useful Methods to Treat, Recover, or Recycle Spent Potlining*, JOM, Volume 65, Issue 11, pp.1441-1451.

[44] European Commission *LIFE05 ENV/DK/000158 WASTE AND SEWAGE RECYCLING IN STONE WOOL PRODUCTION After-LIFE Communication Plan (Section 10 in the final technical report)*

Rockwool 2015, page 27, provided the following recent data regarding the tonnages of recycled product used in mineral wool manufacturing.

"Recycling and reclaimed products

Year		2012	2013	2014
Recycling of residue from other industries	metric tons	**564,900**	**619,400**	**543,815**
% recycled content (secondary melt raw materials per metric ton stone wool)	%	25.9	27.9	23.7"

The proportion of the 543kt of 'residues from other industries' that is SPL is not provided in the above references. However, the above two references do indicate that there is a significant capacity in the mineral wool industry for SPL. It is unknown if there is currently any 'spare capacity' for processing Australian SPL at the Rockwool sites taking SPL.

6.5 Plasma arc vitrification

A company called Plascycle has plans to establish a pilot scale plasma arc facility in the Hunter region, with the aim of destroying 'problematic' wastes that could include SPL. These plans would involve subsequent recovery of inert slag material for industrial or construction uses.

Discussions regarding siting are well-progressed however the facility is still in concept phase and potential future capacity remains confidential.

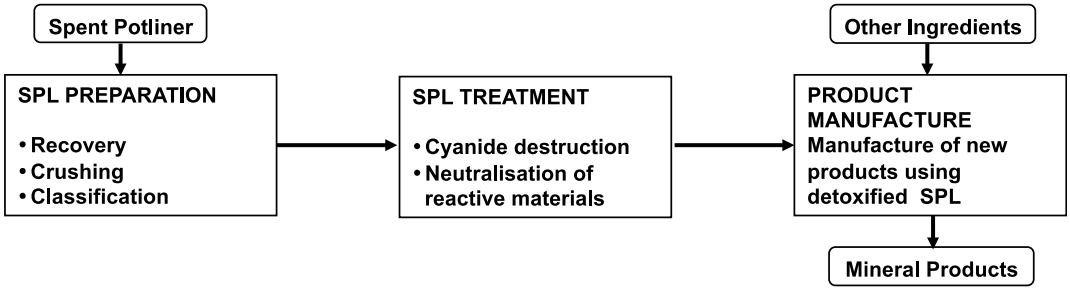
6.6 Thermal treatment and processing

6.6.1 Regain

Regain Services has plants onsite at Point Henry smelter (Alcoa), and Tomago Aluminium sites.

Regain provided the following description of their SPL process.

"*The process of SPL recovery, detoxification and manufacture of new products that are not classified as hazardous waste is shown in below.*



SPL Preparation *involves (a) recovery of material from storage or directly from pots, (b) primary segregation of aluminium metal, carbon materials and refractory materials, (c) sorting into like material streams and (d) crushing and size classification in preparation for further processing.*

The cyanide and explosion hazards in the SPL are eliminated through the ***SPL Treatment*** *process. Cyanide destruction is achieved by thermal oxidation i.e. heating the material in the presence of oxygen. Neutralisation of the reactive compounds and aluminium metal is*

achieved by using water to bring on the reactions that generate the explosive gases in a controlled environment in special apparatus such that no more gas can be generated.

*Mineral products with fluxing and mineralising properties are **manufactured** by processing the detoxified SPL material and other ingredients*".

The Regain process does not destroy the fluoride hazard in SPL, which has some benefit for clinkering in downstream cement manufacturing markets.

Regain export processed SPL to cement kilns overseas as HiCal cement clinker mineralising products used to improve cement production.

Regain currently supply only limited HiCal to Australian cement kilns.[45,46,47] The Australian cement product standards set a maximum alkali (0.6% w/w sodium oxide equivalent) content in cement clinker. The raw materials (rawmix) in Australia have elevated alkali content and hence have a small 'alkali gap' that limits the input of HiCal (and untreated SPL) into the kiln. In international markets cement industries either do not have such industry regulation and/or have lower alkali levels in raw materials so have more capacity for (and in some cases a need for) the increased alkali (sodium) that Regain outputs (and untreated SPL) can provide.

Regain 2015 provided analysis of the international cement industry's capacity to receive processed SPL. Regain's analysis states that:

"*The SPL generation per tonne of primary aluminium is about equal to the potential consumption of refined byproducts per tonne of Portland cement clinker (around 20kg each). But as worldwide clinker production (4bnt in 2013) is around 100 times greater than worldwide primary aluminium production (47Mt in 2013) then statistically, only one in a hundred cement plants is required to participate in this industrial ecosystem".*

Regain's website states they have diverted:

"more than 300,000 tonnes of cyanide and fluoride contaminated waste diverted from the waste stream including more than 200,000 tonnes of SPL. It represents a viable techno-commercial solution to what has been an intractable problem for the primary aluminum smelting industry. Progressive cost reductions have been realised as benefits accruing from the technology learning curve, continuous improvement, economies of scale and revenues from the sale of refined products"[48]

Regain's Point Henry plant is currently processing SPL and operates under the umbrella of the Alcoa site licence (licence 11481[49]). The licence does not specify an annual processing capacity limit for the plant. It does limit storage of the waste materials to 3,000 tonnes.

Regain's Tomago site is currently processing SPL and operates under licence number 13269[50] and the site has a licensed capacity to process 20,000 tonnes per annum.

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[45] Adelaide Brighton Cement Angaston site is licensed for 2.5 tph of "carbon powder" see: http://www.angastoncommunity.com.au/media/36841/epa_licence_35updated_2013-01-11.pdf

[46] Adelaide Brighton Cement Birkenhead site is licensed for 2.5 tph of "carbon powder (processed anodes)" see: http://www.adelaidebrightoncommunity.com.au/media/33036/epa_licence_mostcurrent.pdf

[47] Boral Cement Berrima site is licensed for 10,000 tonnes per annum of HiCal 50 (spent aluminium electrode carbon) see: http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=32644&SYSUID=1&LICID=1698

[48] Source (August 2016) http://www.regainmaterials.com/aluminium-smelting-industry/regain-spl-solution

[49] Licence available at: http://www.epa.vic.gov.au/our-work/licences-and-approvals/search-licence

6.6.2 Weston Aluminium

Weston Aluminium is situated in Weston in the Hunter region of NSW. They have operated historically as a salt dross processing company, to recover aluminium, but have also developed a process for 1st and 2nd cut SPL. While details of this process are not known to the authors it does involve, in a similar vein to Regain, thermal destruction of cyanide and off-gases, in this case using a furnace at 1000^0C. Additional processing and off-take market information has been withheld on request from Weston Aluminium.

Weston is currently only licensed for 2nd cut SPL (under licence number 6423). The licence limits processing capacity to 40,000 tonnes per year combined total of SPL and aluminium dross. The license also limits storage onsite to 5,000 tonnes. Weston is currently completing a mixed SPL trial (from 3.8.2015 – 2.8.2016) for a maximum of 3,000 tonnes for the 12 month trial (1,000t stored at any time).[51]

[50] Licence available at:
http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=34000&SYSUID=1&LICID=13269
[51] Source: http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=61742&SYSUID=1&LICID=6423

7 Considerations for any agreement

Stakeholder consultation and project analysis have identified several key considerations in forming any agreement, discussed below.

7.1 Aluminium smelting market conditions

The aluminium industry is growing globally but has been in decline in Australia resulting in the recent closure of two of six smelters. The Australian aluminium industry has been under significant pressure from falling aluminium prices, since mid-2011, a strong Australian dollar, and increased global competition.

Figure 7 illustrates historical prices of Aluminium (in $US) from 1994 to 2016. Excluding the price drop in 2008 (during the global financial crisis) current prices are similar to those in 2000. The Australian dollar is currently trading at around $US 0.75 whereas it was trading at around $US 0.55 in 2000 – resulting in lower incomes for Australian aluminium exports in 2016 than in 2000.

Figure 7 Historical price of aluminium 1994 to 2016

Source: http://www.tradingeconomics.com/commodity/aluminum (August 2016).

7.1.1 SPL waste management costs

The financial costs of SPL management are significant. Industry has commented that historical costs of SPL management have been in the order of $1000/tonne. These costs have reduced significantly in recent years but still remain a significant consideration and concern for the smelting industry.

The liabilities/costs discussed above present costs to send SPL to a WMP. They are not inclusive of costs to manage other (non-SPL) landfilled materials or costs for other site remediation that could be required. These costs could be a significant addition to the total costs.

There are also costs[52] associated with maintaining SPL in landfills onsite (not removing the stockpile using a SPL WMP).

7.2 Each site is different and management options vary

A significant historical stockpile of SPL has accumulated at most smelting sites in Australia that requires management. There are, however, significant differences between each of the smelter sites that need consideration in drafting any agreement.

7.2.1 SPL stockpile profile at each site

Any agreement will need to consider the profile of the SPL stockpiles onsite, including:

- the amount of SPL stockpiled (1st and 2nd cut) above ground and below ground
- the storage and landfill standards that are in place for the SPL stockpiles
- other wastes that may be mixed together with landfilled SPL.

7.2.2 Impacts on local environment and intended site afteruse

The level of environmental impact that SPL stockpiles have caused at each site needs to be analysed to understand if the current management of SPL stockpiles is adequate.

Where SPL stockpiles are landfilled onsite and are impacting the local environment, additional stockpile clean-up actions are likely to be required by state government regulators in the short to medium term. Industry may have constrained funding available to meet these costs.

[52] The estimation of the costs associated with the landfilling of SPL is beyond the scope of this project.

Related to the above is the intended afteruse of the site. The more sensitive the intended afteruse of the site – the more stringent the level of site cleanup is likely to be.

7.2.3 Proximity of SPL WMPs

As discussed in 6.1 the proximity of different SPL WMPs can also have a significant impact on the management costs and the complexity of transport requirements.

From our work to date it is clear that a 'one size fits all' approach to an industry wide agreement is not a feasible. Any agreement needs to take the site context into consideration.

7.3 Australian SPL legislative framework

As discussed in Section 3, electrolytic cells from aluminium smelting, known as pots, are made up of steel shells with two linings, an outer insulating or refractory lining (known as 'second cut' pot liner waste) and an inner carbon lining that acts as the cathode (known as 'first cut' pot liner waste). After some years of operation, the pot lining fails and is removed.

The removed material is SPL, a hazardous waste due to:

- the presence of fluoride and cyanide compounds that are leachable in water
- its corrosiveness – it exhibits high pH due to the presence of alkali metals and oxides
- its reactivity with water - producing inflammable, toxic and explosive gases, such as hydrogen, methane, and ammonia.

The toxic, corrosive, and reactive nature of SPL means that particular care must be taken in its handling, transportation, and storage.

Typical concentrations of contaminants in first and second cut SPL from Australian smelters are shown in Table 6.

Table 6 Range of chemical analysis of SPL in Australia

Component	Unit	1st cut SPL	2nd cut SPL
Carbon as C	%	30 – 50	2 – 10
Silicon as SiO_2	%	2 – 15	10 – 40
Iron as Fe_2O_3	%	2 – 4	1 – 6
Aluminium as Al_2O_3	%	10 – 30	15 – 30
Calcium as CaO	%	1 – 5	1 – 5
Magnesium as MgO	%	0 – 2	0.5 – 2.5
Sodium as Na_2O	%	3 – 25	5 – 30
Potassium as K_2O	%	0.2 – 1	0.5 – 1.5
Fluorine as F	%	5 – 15	5 – 15
Cyanide as CN	mg/kg	100 – 4,000	100 – 1,500

Source: Regain Technologies 2014.

7.3.1 State and Territory level

Hazardous waste in Australia is regulated at the state/territory level, addressing risks arising from generation, workplace health and safety, transport, treatment and disposal. Increasingly, the Commonwealth Government has taken an overarching role in coordination, consistency and prioritising areas of policy intervention at a national level, in concert with states and territories.

Hazardous waste classification is often done for the purposes of disposal, typically to landfill, so classification systems tend to be based around this. States and territories have developed guidelines for a number of organic and inorganic contaminants in wastes, soils or waste derived materials based on these two drivers. As such these guidelines have been developed based on risks such as leaching of contaminants to groundwater, potential for impact of leachate to surface waters and potential for impacts of such leachate on humans and ecological health. These risks are relevant to hazard characterisation and categorisation of SPL.

The process of classification in each state is the primary legislation relevant to determining how the waste should be regulated and managed.

Table 7 assesses each SPL-relevant state's regulatory framework, using the typical values from Table 6, to classify both cuts of SPL in an Australian jurisdictional context. Note that SPL is in the upper end of the range for total cyanides and may also fall into the highest hazard category for fluoride and cyanide, although this is immaterial to the classification outcome.

Table 7 SPL waste classification in Australia

Jurisdiction	Most relevant legislation	Jurisdictional hazard classification of SPL				Regulatory consequence[53]
		1st cut SPL	Due to	2nd cut SPL	Due to	
NSW	*Protection of the Environment Operations (Waste) Regulation 2005*	Hazardous waste	• Australian Code for the Transport of Dangerous Goods by Road & Rail (ADGC), Div. 4.3 • Fluoride	Hazardous waste	• ADGC Div. 4.3 • Fluoride	Both 1st & 2nd cuts cannot go to direct to landfill. Immobilisation approval must be obtained and require chemical treatment of SPL to reduce the hazardous properties of SPL before landfilling.
Qld	*Environment Protection Regulation 2008*	Regulated waste	• ADGC Div. 4.3 • Fluoride, cyanides	Regulated waste	• ADGC Div. 4.3 • Fluoride, cyanides	Regulated waste in QLD. Individual landfill licence conditions determine acceptance of SPL.
Tas	*Environmental Management and Pollution Control (Waste Management) Regulations 2010*	Controlled waste	• ADGC Div. 4.3 • Fluoride	Controlled waste	• ADGC Div. 4.3 • Fluoride	The handling of controlled waste requires approval from the Director, EPA.
Vic	*Environment Protection (Industrial Waste Resource) Regulations 2009*	Prescribed industrial waste, Category A	• ADGC Div. 4.3 • Fluoride	Prescribed industrial waste, Category A	• ADGC Div. 4.3 • Fluoride	Both 1st & 2nd cuts cannot go to direct to landfill. Immobilisation or other treatment to destroy /reduce hazard must occur.

These classifications have been arrived at using the following jurisdictional information sources:

- NSW, *Waste Classification Guidelines Part 1: Classifying waste*: http://www.epa.nsw.gov.au/resources/wasteregulation/140796-classify-waste.pdf. In NSW the Chemical Control Order (CCO) is currently the only regulatory tool that allows the processing of SPL waste for the recovery of components and producing SPL derived products (see http://www.epa.nsw.gov.au/pesticides/ccos.htm)
- Qld, *Waste tracking guideline. Seeking an exemption for trackable waste*: http://www.ehp.qld.gov.au/waste/pdf/seeking-an-exemption.pdf
- Tas, waste classification guideline: http://epa.tas.gov.au/epa/document?docid=55
- Vic, waste classification guideline: http://www.epa.vic.gov.au/~/media/publications/iwrg631.pdf . SPL waste code is 'D400 smelter waste containing prescribed waste'.

[53] Hazardous waste categorisation and the associated management requirements are generally only triggered where waste leaves the site of generation.

Based on the indicative composition data in Table 7, both 1st and 2nd cut SPL in NSW and Victoria are classified at the highest level of hazardous waste in these jurisdictions and as such cannot be sent directly to landfill. They must undergo treatment to immobilise or otherwise treat the hazard so as to remove it.

Queensland and Tasmania are less prescriptive about the allowable management pathway but both classify 1st and 2nd cut SPL as hazardous waste, and would be unlikely to provide (in 2016) an approval offsite landfill as a management approach.

Movement of 'controlled wastes' (SPL) across state and territory borders

Table 7 analyses how SPL is classified (as hazardous waste) within the respective regulatory frameworks of Australian states and territories. Where transport of SPL crosses interstate borders en route to the management destination, the movements are subject to the *National Environment Protection Measure (Movement of Controlled Waste Between States and Territories) 2004*. This NEPM is discussed in the context of Commonwealth responsibilities in Section 7.3.2, but its implementation is at the state/territory level. 'Controlled waste' is a term specific to the NEPM which has essentially the same meaning as hazardous waste in a national context, and includes SPL. Jurisdictions such as WA, NT and Tasmania also use the 'controlled waste' term within their intrastate classification and legislative structures as well as in regard to interstate movements.

Prior to such movements, a waste producer must apply to obtain a Consignment Authorisation from the waste receiving jurisdiction's environment agency. Discussions occur between the agency of the jurisdiction of origin and the agency of the jurisdiction of destination. Discussions would consider:

- the appropriateness of the receiving facility's licence to accept the waste
- whether the environmental policy and legislative context supports the application.

There are two specific examples of jurisdictional "environmental policy and legislative context", one in Victoria and one in NSW, that are particularly relevant for SPL interstate movements.

In the case of movements of prescribed industrial waste (PIW) out of Victoria, an additional approval under Clause 26(1)(c) of *Victoria's Environment Protection (Industrial Waste Resource) Regulations 2009* is required, obtainable by application to EPA Victoria. In granting approval, EPA must deem the interstate receiving facility to have 'better environmental performance standards' than a facility licensed in Victoria. This clause is aimed at ensuring appropriate levels of environmental management apply to all waste generated in Victoria.

NSW also has a number of policy levers aimed at ensuring accountability in the management fate of wastes. The one with the most potential relevance to interstate movements of waste is the 'proximity principle'. The proximity principle is a requirement that waste should be managed as close to the source of generation as possible – within 150km of source, or further only if the treatment/disposal facility is one of "the two nearest lawful disposal facilities." However, the majority of hazardous wastes (including SPL) were made exempt from this requirement via NSW EPA notice[54] in 2015.

[54] Notice of Exemption from Clause 71: Application of proximity principle to transportation in the course of business. See http://www.epa.nsw.gov.au/resources/wasteregulation/exempt-proximity-principle.pdf

7.3.2 Commonwealth level

The Basel Convention

The *Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal*[55] (the "Basel Convention") regulates the movement of hazardous wastes across international boundaries. Australia was a foundation signatory to it in 1992, when it came into force.

The Convention puts an onus on exporting countries to ensure that hazardous wastes are managed in an environmentally sound manner in the country of import. These obligations are placed on countries that are party to the Convention. One hundred and fifty-one countries have ratified the Basel Convention as at December 2002. The obligations are to:

- minimise generation of hazardous waste
- ensure adequate disposal facilities are available
- control and reduce international movements of hazardous waste
- ensure environmentally sound management of wastes
- prevent and punish illegal traffic.

Hazardous Waste Act

The Commonwealth Government implements its Basel Convention responsibilities through the *Hazardous Waste (Regulation of Exports and Imports) Act 1989*[56] (the "Hazardous Waste Act"), which regulates (via a permitting system) movement of hazardous wastes in and out of Australia.

The object of the Hazardous Waste Act is to:

> *"… regulate the export, import and transit of hazardous waste to ensure that exported, imported or transited waste is managed in an environmentally sound manner so that human beings and the environment, both within and outside Australia, are protected from the harmful effects of the waste."*

The Hazardous Waste Act and (indirectly) the Basel Convention are relevant considerations in any agreement where export of hazardous wastes is integral to a management option.

Key aspects to be considered are:

- the definition of 'waste' (Section 4, p.9 of Hazardous Waste Act)
- the definition of 'disposal' (Section 4, p.5 of Hazardous Waste Act)
- the definition of 'hazardous waste' (Section 4, p.5 of Hazardous Waste Act)
- the definition of environmentally sound management (ESM) (Section 4E, p.14 Hazardous Waste Act)
- facilities within Australia that may provide management alternatives for the hazardous waste.

[55] http://www.basel.int/Portals/4/Basel%20Convention/docs/text/BaselConventionText-e.pdf
[56] https://www.environment.gov.au/protection/hazardous-waste/about

With regard to the last point, Section 17(5) (p.32) of the Hazardous Waste Act allows for a permit to be refused on the basis of the existence of a facility in Australia, if its management in such a facility is consistent with ESM and can be done "safely and efficiently" which reflects Basel Convention Article 4, Clause 9(a) p. 23:

> *"9. Parties shall take the appropriate measures to ensure that the transboundary movement of hazardous wastes and other wastes only be allowed if:*
>
> *(a) The State of export does not have the technical capacity and the necessary facilities, capacity or suitable disposal sites in order to dispose of the wastes in question in an environmentally sound and efficient manner…"*

The Hazardous Waste Act is also supported by the *Hazardous Waste (Regulation of Exports and Imports) (OECD Decision) Regulations 1996*, which specifically facilitate export of hazardous wastes from Australia to other OECD countries where these wastes are to be recycled or recovered.

NEPM for Movement of Controlled Waste between States and Territories

The Commonwealth Government administers the *National Environment Protection Measure (Movement of Controlled Waste between* States *and Territories) 2004* (the "Controlled Waste NEPM") but, because this is enshrined in law in states and territories for implementation, it is essentially just framework legislation at the national level.

Australian Code for the Transport of Dangerous Goods by Road & Rail

SPL is classified as a dangerous good for the purposes of transport under Division 4.3 of the *Australian Code for the Transport of Dangerous Goods by Road & Rail* (ADGC). The relevant extract is included below.

> "*DIVISION 4.3 - SUBSTANCES WHICH IN CONTACT WITH WATER EMIT FLAMMABLE GASES*
>
> *2.4.4.1 Definitions and properties*
>
> *Certain substances in contact with water may emit flammable gases that can form explosive mixtures with air. Such mixtures are easily ignited by all ordinary sources of ignition, for example naked lights, sparking hand tools or unprotected lamps. The resulting blast wave and flames may endanger people and the environment. The test method referred to in 2.4.4.2 is used to determine whether the reaction of a substance with water leads to the development of a dangerous amount of gases which may be flammable. This test method should not be applied to pyrophoric substances*" (page 91).

SPL is also a dangerous good for the purposes of transport under *Class 9 - miscellaneous dangerous substances and articles, including environmentally hazardous substances* of the ADGC due to SPL being an *Environmentally hazardous substance* as defined in the ADGC.

7.4 International SPL legislative frameworks and incentive programs

7.4.1 United States of America

Regulation of SPL

In 1998, under the *Resource Conservation and Recovery Act (RCRA),* US EPA published *Land Disposal Restrictions; Treatment Standards for Spent Potliners From Primary Aluminum Reduction (K088); Final Rule.* The ruling classified SPL as a hazardous waste in the USA (KO88).

The ruling requires that SPL is "prohibited from land disposal unless the wastes have been treated in compliance with the numerical standards contained in this rule. These treatment standards are necessary to minimize threats to human health and the environment from exposure to hazardous constituents which may potentially leach from landfills to groundwater".

The ruling noted the importance of the destruction of cyanide which it states is the most "dangerous constituent of SPL based on its concentration, toxicity, and the extent of contamination caused by past land disposal of untreated spent potliners" (page 5254).

The ruling established treatment standards for: Cyanide, Polyaromatic Hydrocarbons, certain metals, total Arsenic, and Fluoride.

In developing the ruling US EPA also undertook an analysis of the capacity of readily available treatment technology that could meet the required level of treatment (which at the time was dominated by the Alcoa/Reynolds Metal Company treatment process). The EPA ruled that with the Alcoa/Reynolds facility and other emerging technologies there was sufficient treatment capacity and capability to enforce the ruling.

An example of SPL site clean-up requirements in the USA

A number of SPL landfill sites in the USA have had clean-up requirements put in place. The requirements for these site clean-ups provide useful context in understanding the international response to the clean-up of sites with contamination resulting from landfilling SPL in un-engineered landfills.

The Washington State Department of Ecology cleanup requirements for SPL contaminated land at the **former Kaiser Aluminum site in Tacoma Washington** are provided in detail in:

Landau Associates 2014, *Final Interim Action Completion Report Spent Pot Lining Area Former Kaiser Aluminum Property, 3400 Taylor Way Tacoma, Washington, prepared for Port of Tacoma, Tacoma, Washington*, available at: https://fortress.wa.gov/ecy/gsp/CleanupSiteDocuments.aspx?csid=2215

The cleanup area related to an area "which was historically used to dismantle reduction cells and temporarily store SPL and potroom duct dust. From 1943 to 1967, the area was not paved and, for most of the earlier part of this period, the area was not at its present grade" (page 1-1).

Landau 2014, and additional supporting reports, provided a detailed site investigation to identify the extent of the SPL waste stored below ground and the extent of contamination resulting from the SPL.

Landau 2014 provided the following summary regarding the SPL disposal process that was required.

> "***2.7 SPL MATERIAL DISPOSAL***
>
> *Excavated SPL material was temporarily stockpiled along the edge of the excavations, and was subsequently transferred into lined trucks and transported under appropriate hazardous waste manifests for disposal at the Waste Management Subtitle C landfill in Arlington, Oregon. Trucking and disposal records are provided in Appendix F and summarized in Table 1. The originally estimated weight of SPL material to be removed for disposal was 12,500 tons; however, a total of 38,837.94 tons of material from the SPL Area was disposed at the Waste Management hazardous waste landfill between August 6, 2013 and November 14, 2013 (see the waste disposal summary in Table 1). In addition, approximately 1,600 pounds of residual sludge from the automated wheel wash facility was drummed and sent to Waste Management for solidification and landfilling. Additional trucking and disposal records are provided in Appendix G*" (page 2-5).

Landau 2014 Appendix B includes regulatory approvals that state that the SPL from this site was permitted for disposal to a hazardous waste landfill offsite without prior treatment (after site specific detailed assessment). Below are two photos from the site clean-up which provide some insight into the physical state of SPL that has been stored below ground (photo 1 source figure A3, photo 2 source figure A6).

6. SPL zone material (dark gray) and underlying uncontaminated soil.

11. Looking southeast across the southern portion of the SPL Area during removal of SPL material.

Incentives programs for SPL stockpile cleanup

In 1980, the US Congress established the *Comprehensive Environmental Response, Compensation, and Liability Act* (CERCLA). The CELCLA was established in response a number of significant human health and environmental impacts from the dumping of hazardous wastes. CERCLA is informally called ***Superfund***. The Superfund program is administered by US EPA in cooperation with each state government. The fund to designed to enable the clean up hazardous waste sites by either forcing potentially responsible party (PRP) to perform cleanups or reimburse the government for cleanups led by US EPA.

An important part of the Superfund is **special accounts**. EPA establishes special accounts to provide ready access to PRP cleanup funds for sites where future response work remains. The use of funds secured in special accounts preserves the funding held in the Superfund Trust Fund for cleanup of sites without viable PRPs.

Special accounts are funded entirely with money received from PRPs, and not with funds provided by the US Government through the Superfund Trust Fund. US EPA retains money received through settlements with PRPs in special accounts to conduct planned future cleanup work at the site based on the terms of the settlement agreement.

"More than $4 billion have been deposited in special accounts through PRP settlements. Over $2 billion of those settlement dollars have been spent on Superfund site cleanups and the balance is planned to be used for ongoing or future Superfund cleanup work."

The US EPA reports the following status of special accounts for the fiscal year (FY) 2015 is as follows:

- "created approximately 49 special accounts,
- deposited about $1.778 billion into special accounts,
- earned over $16.8 million in interest on its special accounts,
- for a total of $1.795 billion,
- disbursed or obligated more than $259 million for response work,
- reimbursed itself for over $36 million worth of past cleanup related costs at sites,
- closed 29 special accounts, and
- transferred $974,098 of special account receipts to the Superfund Trust Fund".

Source: US EPA website 2016, see https://www.epa.gov/enforcement/superfund-special-accounts#status

This review did not identify references that detailed how the Superfund legislation and funds have been used in the US for the clean-up of SPL stockpiles.

Alcoa's website provides some detail regarding the cleanup of the Reynolds Metal Company site in Troutdale, Oregon:

> "*A partnership between Alcoa and federal, state, and local governments quickly transformed a former aluminum smelter and **Superfund site** in Troutdale, Oregon (USA), into an industrial park that has the long-term potential to add almost five times more jobs than were lost and generate millions in annual local taxes…*
>
> *… In 1994 when the smelter was still owned by Reynolds, the U.S. Environmental Protection Agency (EPA) declared the smelter and surrounding property a Superfund site due to the spent pot lining, carbon, fluoride, and other hazardous substances that had been landfilled on the site before current disposal laws. While the remedial investigation, feasibility study, and some remediation work on these legacy issues had been completed before Alcoa's acquisition of the site, significant work remained.*
>
> *In 2002, Alcoa decided to permanently curtail the smelter and began evaluating options for the site. One viable alternative was to consolidate all of the remediation waste to a central landfill and cap it. The concern was that this would have rendered a significant portion of the site, which had great redevelopment potential due to its location near major*

waterways, highways, and Portland's airport and port facilities, largely unusable and undevelopable.

Alcoa decided on a US$55 million decommissioning and remediation effort to maximize development of the property. After detailed risk assessments conducted in conjunction with government authorities, the company initiated remediation that would protect the health and safety of people and the environment.

Actions undertaken included removing contaminated soil, utilities, tanks, vessels, pipes, and building foundations, with the latter being removed down to eight feet below grade so they wouldn't interfere with new foundations. Alcoa also reclaimed a 16-acre lake on the site, replanted original vegetation, cleared invasive species, addressed a groundwater issue, and installed a new pipeline system for stormwater management."

Source: https://www.alcoa.com/sustainability/en/case_studies/2010_USA_Troutdale.asp

The Troutdale smelter clean-up provides a good example of the use of the US EPA Superfund to work on the clean-up of SPL stockpiles. *The Oregonian* online article *Cleaned-up Reynolds Metals site in Troutdale sprouts promise*[57] indicates that the clean-up costs for the site were US$223 million and that Alcoa spent more than $50 million to meet its Superfund clean-up obligations on the site. The article also indicates that the 26,000 tons of SPL wastes were taken offsite to a landfill.

7.4.2 European Union

Regulation of SPL

Under the European Commission *Council Directive of 12 December 1991 on hazardous waste (91 / 689 /EEC)* SPL wastes are a hazardous waste in the EU, based on Cyanide and Fluoride content.

The European Commission *Council Directive 1999/31/EC of 26 April 1999 on the landfill of waste* requires that all waste, including hazardous wastes, sent to landfill in the EU be pre-treated. It is unclear if treated SPL is permitted to be disposed to landfill in the EU and the prohibition of landfilling of particular treated hazardous wastes, such as SPL, would be governed differently in each country.

The European Commission *Waste framework directive,* Article 5 and 6*,* page 312/11 provides useful context for defining when SPL would be considered a hazardous waste and when it would be considered a product.

Article 5 provides the following criteria for a substance resulting from a production process being regarded as a by-product rather than a waste:

- Further use of the substance or object is certain
- The substance can be used directly without any further processing other than normal industrial practice
- The substance is produced as an integral part of a production process

[57] *The Oregonian* website 2016, see http://www.oregonlive.com/gresham/index.ssf/2011/04/cleaned-up_reynolds_metals_sit.html

- Further use is lawful, i.e. the substance fulfills all relevant product, environmental and health protection requirements for the specific use and will not lead to overall adverse environmental or human health impacts.

Article 6 provides the following criteria for waste to reach 'end of waste status':

- The substance or object is commonly used for specific purposes
- A market or demand exists for such a substance or object
- The substance or object fulfills the technical requirements for the specific purposes and meets the existing legislation and standards applicable to products
- The use of the substance or object will not lead to overall adverse environmental or human health impacts.

Incentives programs for SPL stockpile cleanup

LIFE is the EU's current financial instrument supporting environmental, nature conservation and climate action projects. Beginning in 1992, LIFE has co-financed over 4000 projects. For the 2014-2020 funding period, LIFE will contribute approximately €3.4 billion to the protection of the environment and climate.[58]

A review of SPL waste processes co-funded by LIFE identified the project *RECYCLING/SYMBIOSIS - Waste and Sewage Recycling and Symbiosis in Stone Wool Production LIFE05 ENV/DK/000158*[59].

The 2007 co-funded project successfully piloted the use of first cut SPL as a substitute for coke in the mineral wool industry. Emissions of fluoride were also effectively managed. This project is a good example of the co-funding of SPL management, however, the amount of industry versus government funding is not known.

The USA Superfund site cleanup of the Alcoa site in Troutdale and the process development trials with Rockwool in the EU provide examples of federal government involvement in the SPL cleanup and processing.

7.5 State, national, and international SPL WMPs capacity

To understand the feasibility of agreeing to a stockpile drawdown, over a nominal 10 year period, requires an understanding of SPL WMPs capacity (tonnes per annum) in each state, nationally, and globally.

Historically SPL management options/WMP's capacity and reliability have been limited (globally). In Australia, local processing capacity has improved in recent years.

Australia's currently operating SPL WMPs process SPL. Research, presented in Section 6, indicates that there is significant capacity for SPL processing at Befesa and Rockwool (in Europe). However, their 'spare capacity' to receive Australian SPL is unknown and would be subject to individual contract negotiations between the aluminium smelter and Befesa or Rockwool.

[58] Source (May 2016): http://ec.europa.eu/environment/life/index.htm

[59] A summary report of the project is available at: http://ec.europa.eu/environment/life/project/Projects/index.cfm?fuseaction=search.dspPage&n_proj_id=2824&docType=pdf

Australia currently has no licensed capacity for SPL long term storage.

Therefore, the processing capacity of Australia's operational WMP's (rather than overall WMP capacity) is used in the analysis of SPL stockpile drawdown rates.

An assessment of currently operating SPL WMP's licensed/process capacity in each state versus the SPL tonnages stockpiled in each jurisdiction has been completed (see Section 8).

7.6 Stable 'off-take' markets for treated and processed SPL

There have been a number of financially unsuccessful attempts to process SPL in the past. One of the main reasons for the failure of historical SPL processes has been unstable off-take markets.[60]

Where off-take markets are weak the SPL processors 'in-take' charges are usually pushed higher and/or there may be a higher risk that treated and processed SPL is stockpiled (by reprocessors) in effect risking the creation of another hazardous waste stockpile.

In the past few years off-take markets have matured and have been more stable resulting in more consistent processing of SPL arisings.

7.7 Local community engagement

Untreated and unprocessed SPL is a hazardous waste. Any facility currently stores or that plans to receive SPL will need to have the appropriate environmental and planning approvals in place and these approvals are typically publically advertised and contestable. The local community of any site that currently stores or plans to receive SPL should be actively engaged to ensure that they are well informed regarding the proposal and how any risks to the local community that storing or receiving SPL could create will be effectively mitigated and safely managed.

7.8 Parties to agreements

There are a number of parties that could be involved in any agreement. Who needs to be included, how, and the arrangement for any international parties involved in an agreement needs consideration.

The parties that could be considered in forming an agreement for SPL stockpile drawdown include:

- DoEE and potentially other Australian Government Departments
- State Government regulatory agencies
- Aluminium smelting companies
- SPL WMPs companies
- Hazardous waste long term storage facilities.

The inclusion of any of these parties will depend entirely on the type and form of the agreement, which in turn would depend on the site-specifics of the SPL stockpile.

Any agreement would need to clearly establish the **roles and accountabilities** of each of the parties involved in the agreement.

[60] **Off-take market** refers to the market of options/clients for SPL that is treated and processed to a standard that is fit for a defined purpose.

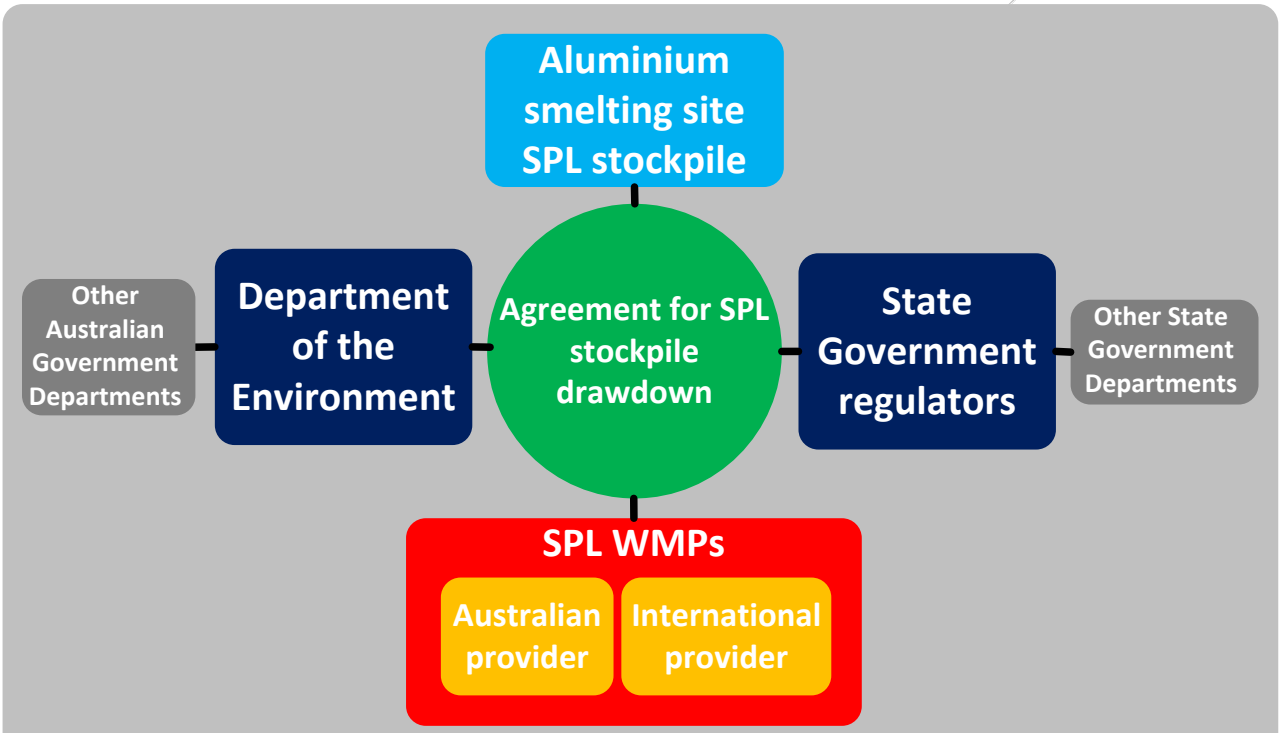
7.9 SPL WMPs competition and market considerations

The development of any agreement will need to consider the economic impact of the agreement on the stakeholders included in the agreement and/or other parties that do not form part of an agreement.

Any potential agreement would need to take into consideration the currently limited competition in the SPL WMPs market, so as not to create monopolies or lock out alternatives. For example, in areas where there is only one feasible processing option available, any agreement would need to consider commercial and competition concerns.

Figure 8 below provides a summary of the parties that could be included in an agreement and also provides a summary of the issues that any agreement would need to consider.

Figure 8 Summary of agreement parties and considerations



Issues for consideration in any agreement

- Site-specific conditions
- Market conditions, value of Aluminium and charges of SPL WMPs
- Compliance with the *Hazardous waste Act* and State environmental legislation
- Tonnes of stockpiled SPL material to be managed
- The timeframe for removing the SPL stockpile from smelting site
- The proposed SPL fate according to the waste hierarchy
- SPL WMP capacity (state, national and international providers)
- The stability of 'off-take' markets for treated and processed SPL
- Local community engagement
- The parties involved in the agreement and their roles and responsibilities
- The information and data audit trail requirements

8 Analysis of Australian SPL stockpile and new arisings versus SPL WMP capacity

This section provides analysis of Australia's SPL stockpile (above ground and below ground) plus annual arisings, against annual licensed/process[61] capacity for currently operating SPL processing facilities.

Australia's currently operational SPL WMPs involve SPL processing.

Australia currently has no licensed capacity for SPL long term storage.

Australia has exported around 120,000 tonnes of SPL to European SPL WMPs since the early 1990s and has a permit pending for another 6000t to be exported. Research, presented in Section 6, indicates that there is significant capacity for SPL processing at Befesa and Rockwool. However, their 'spare capacity' to receive Australian SPL is unknown and would be subject to individual contract negotiations between the aluminium smelter and Befesa or Rockwool.

Therefore, the licensed/process capacity of SPL WMPs in Australia (rather than overall SPL WMP capacity) is used in the analysis of SPL stockpile drawdown rates.

8.1 Analysis of above ground stockpile plus new annual arisings

The table below provides the summary of the analysis of the Australian above ground SPL stockpile plus annual arisings versus annual licensed/process capacity for currently operating SPL processing facilities in Australia.[62]

Table 8 Australian above ground SPL stockpile plus annual SPL arisings versus estimated annual licensed/process capacity

State	SPL above ground (tonnes)	Est. SPL new arisings (tonnes per year)	Estimated local SPL licensed/process capacity (tonnes per year)	Theoretical years to process above ground SPL locally[63]
NSW	89,283	10,000		3 or more
Qld	90,000	12,500		10 or more
Tas	30,000	3,000		16 or more
Vic	98,912	3,600		3 or more
National	**308,195**	**29,100**	**~100,000**	**4 or more**

* This capacity is not limited by licensed capacity. Capacity is limited by the installed capacity or process SPL input limitation.

The analysis in Table 8 compares the above ground SPL stockpile and the new arisings from operating smelters with annual licensed/process capacity in each state.

The analysis indicates that the Australian above ground stockpile could theoretically be processed in four or more years (whilst continuing to process new arisings). **It is important to note that this**

[61] The comparison analysis is made against the licensed capacity (where it is specified) of currently operating facilities to provide what aims to be a conservative estimate of processing capacity. As noted in Table 5 the capacity of several SPL processing options is not limited by the site's licence (as no limit is specified). For these processes the SPL option is limited by the installed capacity or the limit of SPL tonnage that the process is limited to.

[62] SPL processing capacity does not include long term storage of SPL at facilities such as the planned Tellus facilities.

[63] Timeframes are presented as 'x or more' years reflecting the range of considerations and uncertainties that are outlined in Section 7.

theoretical drawdown timeframe is indicative only as there are several important considerations, as discussed in Section 7, which may impact on the actual drawdown timeframe.

Whilst noting these considerations, the comparison of above ground stockpile tonnages with national processing capacity indicates that it is possible for Australia's above ground SPL stockpile to be drawn down over a 10 year period (whilst continuing to process new arisings).

The analysis in Table 8 also indicates that there is sufficient processing capacity available in Vic and NSW to process SPL stockpiles within the nominal 10 year period that DoEE has identified.

The analysis for Qld and Tas indicates that these states have limited processing capacity beyond the tonnage of new annual arisings and would require more than 10 years to process the SPL stockpiles using local processing capacity alone. For Qld and Tas the analysis indicates that any agreement may need to consider interstate or international processing options or the establishment of additional local SPL WMP capacity.

8.2 Analysis of total stockpile drawdown and annual arisings

The analysis in Table 9 compares SPL stockpiles above ground, plus new arisings, and modelled proportions of landfilled SPL for processing against annual licensed/process capacity in each state.

It is important to note that the decision to require processing of any landfilled SPL would be made by the relevant state government regulator. The modelling included below is provided simply to help understand the approximate theoretical timeframes that would be required to process differing percentages of the landfilled stockpile (should processing be required). In addition to the considerations flagged in Section 7, the ability to process landfilled SPL stockpiles via the processes included in Section 6 is not clear. This project's literature review did not identify examples of landfilled SPL that has been processed – the examples identified required the removal of SPL to an offsite hazardous waste landfill (see Section 7.4).

Table 9 Australian SPL stockpile above ground, plus annual arisings, plus modelled landfill tonnage percentage requiring processing

					Percentage of landfilled SPL required to be processed by state regulator					
					0%		50%		100%	
State	**SPL above ground (tonnes)**	**SPL landfilled onsite (tonnes)**	**Est. SPL new arisings (tonnes per year)**	**Local SPL licensed/ process capacity (tonnes per year)**	**Assumed SPL landfilled processed (tonne)**	**Theoretical years to process all SPL stockpiles via local capacity**	**Assumed SPL landfilled processed (tonne)**	**Theoretical years to process all SPL stockpiles via local capacity**	**Assumed SPL landfilled processed (tonne)**	**Theoretical years to process all SPL stockpiles via local capacity**
NSW	89,283	90,000	10,000		0	3 or more	45,000	5 or more	90,000	6 or more
Qld	90,000	-	12,500		0	10 or more	-	10 or more	-	10 or more
Tas	30,000	Note 3	3,000		0	16 or more	-	16 or more	-	16 or more
Vic	98,912	164,424	3,600		0	3 or more	82,212	5 or more	164,424	8 or more
National	**308,195**	**254,424**	**29,100**	**~100,000**	**0**	**4 or more**	**127,212**	**6 or more**	**254,424**	**8 or more**

Notes:

1. The above analysis of SPL drawdown to process all SPL stockpiles includes 1. above ground SPL, 2. the required % of landfilled SPL, and 3. ongoing annual arisings from Al smelting.
2. The ongoing annual arisings of new SPL are assumed to remain constant (at the 2016 annual arisings of 29,100 tonnes/year).
3. The landfilled SPL in Tas has been excluded from the drawdown calculations due to the current landfill licence (with a 50 year life) permitting landfill till at least 2046. This is beyond the likely timeframe of any agreements that may be put in place.
4. Timeframes are presented as 'x or more' years reflecting the range of considerations and uncertainties that are outlined in Section 7.

For drawdown calculation purposes, the analysis indicates that, should it be required and technically feasible, Australia's total SPL stockpile and new arisings could theoretically be processed in eight or more years (assuming that 100% of landfilled SPL was processed) or in six or more years (assuming that 50% of landfilled SPL was processed).

The processing of any landfilled SPL would be subject to direction by state regulators *and* demonstration that the SPL removed from landfill is able to be processed. Contamination from non SPL wastes such as asbestos could prevent processing of some landfilled SPL.

9 SPL drawdown agreements

The type and form of the agreements that could be put in place to enable the drawdown of SPL stockpiles in Australia are varied and the DoEE have not proposed a set type or form of agreement to be proposed for this project.

Important context for this project is the *DoEE Hazardous Waste (Regulation of Exports and Imports) Act 1989* (Hazardous waste Act) reforms and cost benefit analysis. The potential reforms are outlined in the report that DoEE released last year titled *Hazardous waste reform proposals analysis* report (see https://www.environment.gov.au/protection/publications/hazardous-waste-reform-proposal-analysis). The report recommended that the following reform progress to the full cost benefit analysis:

> "**Option i) Power to establish agreements targeting particular wastes**
>
> A power to establish a statutory covenant or similar agreement for dealing with particular wastes (e.g. an agreement with legal status to phase out of stocks of spent pot linings, via domestic and international facilities)" (page 39).

This reform is currently undergoing a full cost benefit analysis. This proposed reform clearly has relevance to the establishing of agreements between the Australian Government and industry on SPL stockpile drawdown. However, it is not intended that all potential agreements that this project recommends would need to be statutory or legally binding; they may be voluntary; or not be needed at all. Each of these options is discussed below.

9.1 Agreement options[64]

9.1.1 Agreement that 'no agreement' is needed

Following on from this project and the assessment of a site's SPL stockpile and drawdown plan, it may be decided that no additional agreement between governments and the smelter needs to be established.

This may be the preferred approach where there the smelter has an internally agreed SPL management plan in place and a clear timeline for the stockpile to be drawn down that has been effectively implemented over the past several years. The successful historical management of SPL would typically have resulted in a relatively small stockpile of SPL materials remaining onsite.

9.1.2 Voluntary agreement

Smelters, governments and SPL WMPs may decide to enter into a non-legally binding agreement for the drawdown of the SPL stockpile on a site. Whilst not legally binding, the agreement would still be supported by:

- An agreed timeline for stockpile drawdown that also considers new SPL arisings.
- Information regarding the SPL WMP/s that will be utilised.
- A financial plan for implementing the agreement, including forecast budget allowances required over the drawdown period.

[64] The options presented in this section are not endorsed by the Australian or State Governments nor do they represent government policy.

- Consideration of contingencies should the future context of the agreement change significantly. For example, changes in commodity values, the failure of a SPL WMP to safely process SPL, or failure in the off-take market for treated and processed SPL.

Industry may consider entering into a voluntary agreement to demonstrate to the local community and to state regulators that a plan is in place that will ensure that SPL stockpiles are being responsibly managed. A voluntary agreement may also be required to be eligible for any co-funding of SPL WMP costs.

9.1.3 Legally binding agreement

As discussed above the DoEE are currently completing a cost benefit analysis on the establishment of "power to establish agreements targeting particular wastes" under the Hazardous Waste Act.

A binding agreement would likely include the same content as outlined above for voluntary agreements, however, the agreement would be binding and would have to include actions to be taken if the agreement was broken.

The use of statutory covenants by DoEE may be required as part of any co-funding of SPL WMP costs. They could also be required where there is significant social concern that the SPL stockpile has no plan in place for removal or future management to ensure human health and the environment are protected.

It is important to note that State Governments have existing powers under contaminated land and hazardous waste legislation that could also be used to enforce the 'clean-up' of SPL stockpiles.

10 Co-funding model options[65]

Section 7.4.1 discussed the USA Superfund site cleanup of the Alcoa site in Troutdale and the process development trials with Rockwool in the EU. Both are examples of federal government co-funding involvement in the SPL cleanup and SPL WMP development. However, neither example provides an obvious co-funding model relevant to the current Australian context.

Stakeholder consultation completed to date has emphasized the importance of the following for any co-funding of potential agreements in the current Australian context.

- Co-funding should not financially disadvantage smelters that have proactively processed SPL in the past (at a significant cost) by providing competing companies that have accumulated large historical stockpiles (and deferred WMP costs) with more co-funding for SPL WMPs costs.
- Co-funding should not fund any particular third party SPL WMP as it would skew market competition.
- There needs to be a clear audit trail and evidence provided for co-funding and the administration of a potential co-funding agreement needs to be practical.
- Any co-funding of SPL WMPs would need to incentivise the highest practicable environmental outcome according to the waste management hierarchy
- Any co-funding would need to ensure the SPL WMPs co-funded are compliant with the DoEE *Hazardous Waste (Regulation of Exports and Imports) Act 1989.*
- Any co-funding should facilitate a short to medium term (10 years) removal of SPL stockpiles.
- The SPL waste stream is highly toxic, corrosive, and reacts with water. If it is not carefully managed, SPL represents significant risk to human health and the environment. The risk of incentivising mis-management of SPL needs to be carefully considered. There have been a number of financially unsuccessful attempts to process SPL in the past. Co-funding should only be available for management options that are proven.

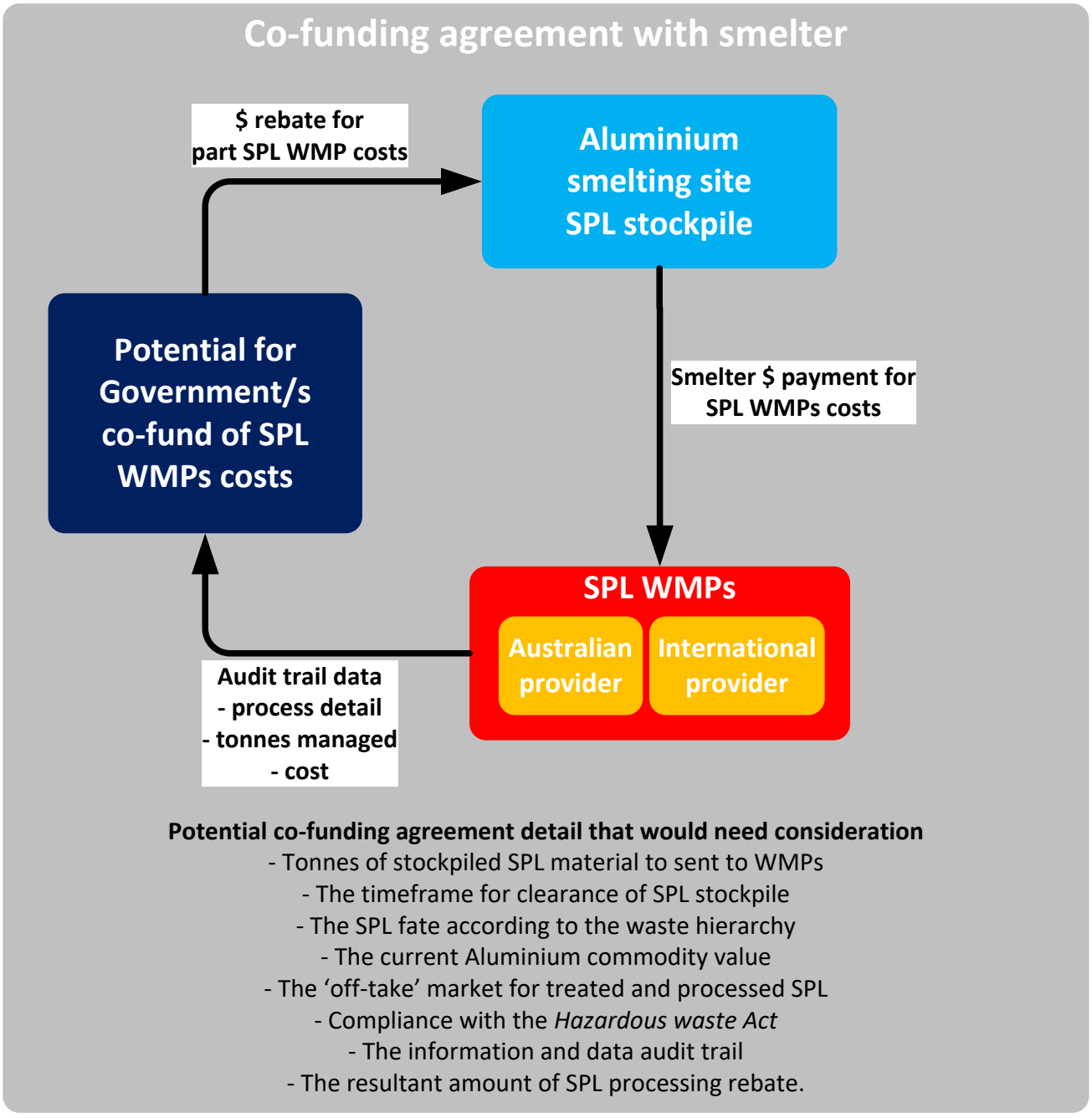
Figure 9 and Figure 10 below, illustrate two potential funding models that, should any co-funding become available, could provide effective incentive for SPL stockpile drawdown whilst considering the points noted above.

The Figure 9 model of co-funding smelters would be most practical if agreements (either voluntary or binding) were in place between the smelters and state/federal government/s for the SPL stockpile drawdown. This model would allow state/federal government more strategic control of which stockpiles drawdown received co-funding.

The Figure 10 model of co-funding of SPL WMPs would be most practical if no, or few, agreements were in place with smelters and state/federal government/s for SPL stockpile drawdown. The co-funding model could be simpler to administer and simply co-fund an amount per tonne for SPL managed (for approved SPL WMPs only).

[65] The options presented in this section are not endorsed by the Australian or State Governments nor do they represent government policy.

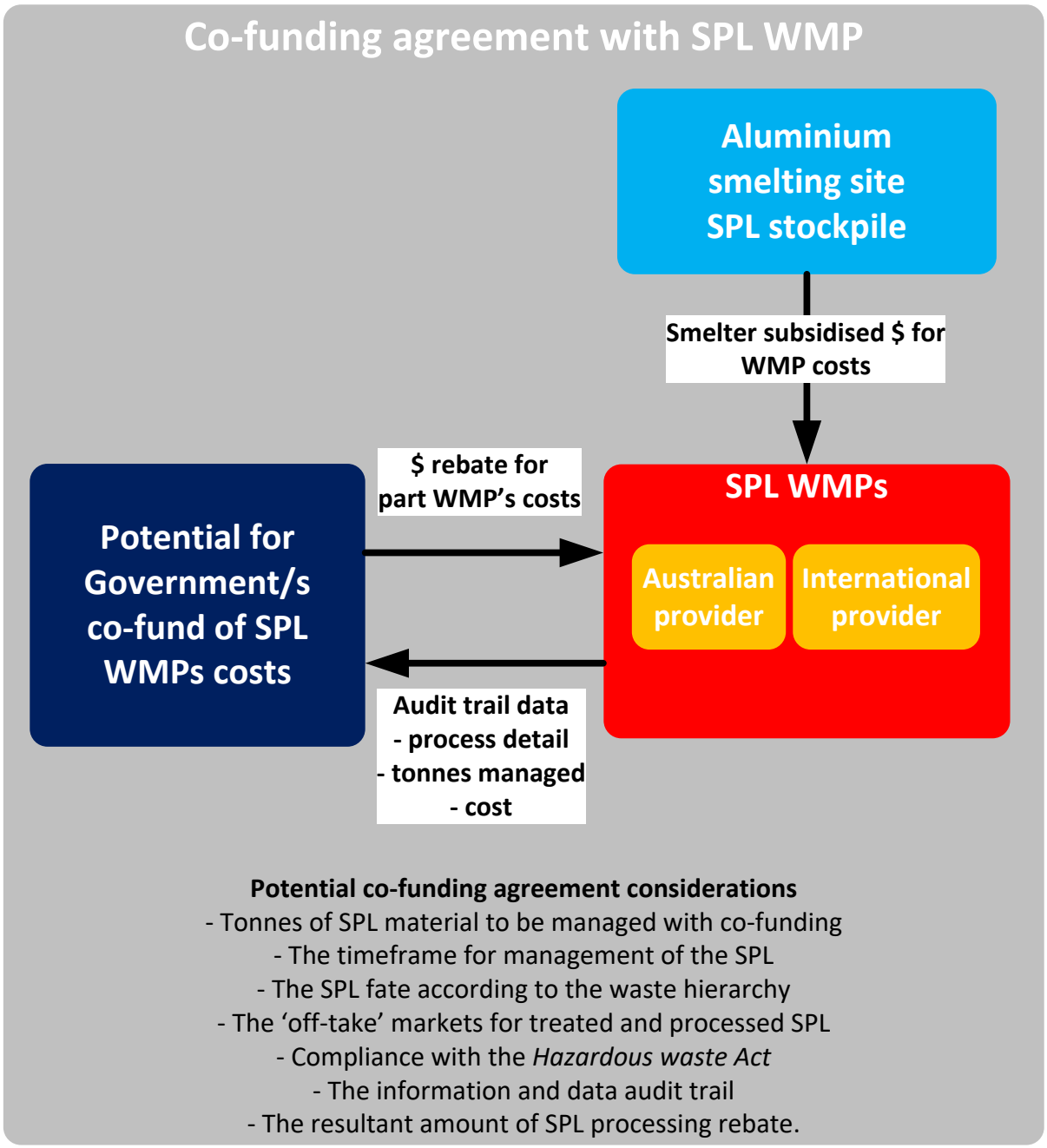
Figure 9 Co-funding of smelters model to clear SPL stockpiles



Potential co-funding agreement detail that would need consideration

- Tonnes of stockpiled SPL material to sent to WMPs
- The timeframe for clearance of SPL stockpile
- The SPL fate according to the waste hierarchy
- The current Aluminium commodity value
- The 'off-take' market for treated and processed SPL
- Compliance with the *Hazardous waste Act*
- The information and data audit trail
- The resultant amount of SPL processing rebate.

Figure 10 Co-funding of SPL WMPs model to clear stockpiles



10.1 Other co-funding options suggested during consultation

The following co-funding option has been suggested:

> "Potential to look beyond a 'subsidised processing' model and look to an industry-government co-funded processing solution (i.e. build, own, operate) with future processing/transport pricing agreed and fixed for 10 years. Advantage of all parties having the security of knowing final fate and cost of addressing SPL stockpiles until they are fully depleted and industry only has to address annual arisings. There would also be the advantage of eliminating geographical disadvantages of some smelters if they have fixed pricing that is the same for all smelters, regardless of location. This option could eliminate the external market forces that will always complicate the agreement option that relies on a market-driven approach. The processing solution may also be suitable for other types of problematic waste."

11 Conclusions

11.1 Aluminium production and new SPL arisings

Australia has four operational and two recently closed aluminium smelters and is currently producing about 1.65 Mt of aluminium per annum. The Aluminium smelters have estimated new arisings of SPL of 29,100 tonnes per annum.

11.2 Australia's SPL stockpile profile

Australia has a significant stockpile of SPL with a total of around 700,000 tonnes of SPL in either above ground or below ground storages (landfills) around Australia.

Just under half of Australia's SPL stockpile (about 310,000 tonnes) is stored in above ground stockpiles. Interesting there is a higher proportion of 1st cut SPL (about 114,000) than 2nd cut SPL (about 74,000) in these stockpiles. The high carbon content in 1st cut SPL has historically meant that there have been more processing options for 1st SPL cut than 2nd cut SPL. The largest portion of the above ground stockpile is mixed 1st and 2nd cut SPL (about 120,000 tonnes).

Slightly more than half of Australia's SPL stockpile (about 390,000 tonnes) is stored in landfills onsite at several sites around Australia. The composition of the landfilled SPL is not known, but is likely to be around 50-60% 1st cut and 40-50% 2nd cut SPL.

11.3 Site aboveground SPL stockpile drawdown plans

The following definition for an 'SPL drawdown plan' has been adopted for this report and analysis.

An 'SPL drawdown plan' is a plan that has at least 2 of the following:

1. The smelter can demonstrate a recent (i.e. the last 3 years) history of significant stockpile drawdown. It should be noted that, during consultation, several smelters provided data/charts that illustrate that in the last few years SPL stockpile processing rates have increased resulting in partial drawdown of existing stockpiles.
2. Commercial arrangements are in place between the smelter and SPL WMP/s that will result in the drawdown of SPL stockpiles and the management of any new SPL arisings.
3. The estimated timeframe for the drawdown of the SPL stockpile has been provided for this public summary report.

Of the six smelting sites in Australia, only Tomago Aluminium has a drawdown plan in place that will have all SPL stockpiles removed from the site well within a 10 year period.

Alcoa Portland also has a drawdown plan in place that is likely to result in all stockpiles removed in around 10 years.

Pacific Aluminium sites at Bell Bay and Boyne (BSL) have drawdown plans in place, however the plans may take up to 10 or more years to implement, depending on the SPL processing rates that are achieved in future.

At the time of writing we understand that the Alcoa Point Henry drawdown plan was still under development. The smelter is closed and undergoing site decommissioning to allow for future development.

At the time of writing we understand that the Hydro Kurri Kurri drawdown plan was still under development. The smelter is closed and undergoing site decommissioning to allow for future development. Hydro stated that they are planning for above ground SPL stockpiles to be recycled over the next 3 to 4 years.

11.4 Capacity of SPL WMPs

The capacity of Australia's currently operating SPL WMPs consists mostly of 'treatment and processing' facilities in Vic and NSW ( ). Cement kilns in Qld and Tas provide the remainder of the operational SPL WMP capacity.

The total licensed/process capacity of Australian SPL WMPs is estimated at around **100,000 tonnes per annum**.

The current export options for SPL management include mineral wool (Rockwool) manufacture in Germany and Befesa in Spain. Befesa recycle aluminium dross salt slags and other residues from dross recycling and use SPL to reduce energy input requirements. Australia has exported around 120,000 tonnes of SPL to European WMPs since the early 1990s and has a permit under consideration for another 6,000t to be exported. Research, presented in Section 6, indicates that there is significant capacity for SPL processing at Befesa and Rockwool. However, their 'spare capacity' to receive Australian SPL is unknown and would be subject to individual contract negotiations between the aluminium smelter and Befesa or Rockwool.

Australia may also soon have long term storage options available in the NT and WA where Tellus have proposed facilities, however, these facilities are yet to be licensed.

11.5 Considerations for any agreement

Stakeholder consultation and project research identified several important considerations for any SPL stockpile drawdown agreement to consider. They are listed below.

1. Aluminium smelting market conditions
2. The charges (fees) for SPL WMPs.
3. The site specific conditions including:
    a. The sites SPL stockpile profile
    b. Impacts on local environment and intended site afteruse
    c. Proximity of SPL WMPs.
4. Australian (State and Commonwealth) SPL legislative framework.
5. International SPL legislative frameworks and incentive programs.
6. State, national, and international SPL WMP's capacity.
7. The stability of 'off-take' markets for treated and processed SPL.
8. Local community engagement.
9. Parties to agreements.
10. SPL WMP competition and market considerations.

11.6 SPL waste management costs

The financial costs of SPL waste management are significant.

Industry has commented that historically SPL WMPs fees have been in the order of $1000/tonne. These costs have reduced significantly in recent years but still remain a significant consideration and concern for the smelting industry.

The liabilities/costs discussed above present costs to send SPL to a WMP. They are not inclusive of costs to manage other (non-SPL) landfilled materials or costs for other site remediation that could be required. These costs could be a significant addition to the total costs.

There are also costs[66] associated with maintaining SPL in landfills onsite (not removing the stockpile using a SPL WMP).

11.7 Australian SPL stockpile and new arisings versus SPL WMPs capacity

11.7.1 Above ground stockpile

The project analysis indicates that the Australian above ground SPL stockpile could theoretically be processed in four or more years (whilst continuing to process new arisings). **It is important to note that this theoretical drawdown timeframe is indicative only as there are several important considerations, as listed above, which may impact on the actual drawdown timeframe.**

Whilst noting these considerations, the comparison of above ground stockpile tonnages with national processing capacity indicates that it is possible for Australia's above ground SPL stockpile to be drawn down over a 10 year period (whilst continuing to process new arisings).

The analysis also indicates that there is sufficient processing capacity available in Vic and NSW to process SPL stockpiles within the nominal 10 year period that DoEE has identified.

The analysis for Qld and Tas indicates that these states have limited processing capacity beyond the tonnage of new annual arisings and would require more than 10 years to process the SPL stockpiles using local processing capacity alone. For Qld and Tas the analysis indicates that any agreement may

[66] The estimation of the costs associated with the landfilling of SPL is beyond the scope of this project.

need to consider interstate or international processing options or the establishment of additional local SPL WMP capacity.

11.7.2 Total stockpile plus annual arisings

It is important to note that the decision to require processing of any landfilled SPL would be made by the relevant state government regulator.

The processing of any landfilled SPL would also be subject to demonstration that the SPL removed from landfill is able to be processed. Contamination from non SPL wastes such as asbestos could prevent processing of some landfilled SPL.

For drawdown calculation purposes, the analysis indicates that, should it be required and technically feasible, Australia's total SPL stockpile and new arisings could theoretically be processed in eight or more years (assuming that 100% of landfilled SPL was processed) or in six or more years (assuming that 50% of landfilled SPL was processed).

11.8 Agreement options and agreement co-funding[67]

Whilst this project has identified a significant number of considerations and issues with SPL management, the project identified just three 'agreement options' that are discussed briefly below.

11.8.1 Agreement that 'no agreement' is needed

This may be the preferred approach where the smelter has an internally agreed SPL management plan in place and a clear timeline for the stockpile to be drawn down that has been effectively implemented over the past several years. The successful historical management of SPL would typically have resulted in a relatively small stockpile of SPL materials remaining onsite.

11.8.2 A voluntary agreement

Industry may consider entering into a voluntary agreement to demonstrate to the local community and to state regulators that a plan is in place that will ensure that SPL stockpiles are being responsibly managed. A voluntary agreement may also be required to be eligible for any co-funding of SPL WMPs costs.

11.8.3 A legally binding agreement

The use of statutory covenants by DoEE may be required as part of any co-funding of SPL WMPs costs. They could also be required where there is significant social concern that the SPL stockpile has no plan in place for removal or future management to ensure human health and the environment are protected. It is important to note that State Governments have existing powers under contaminated land and hazardous waste legislation that could also be used to enforce the 'clean-up' of SPL stockpiles.

Within the voluntary and legally binding agreement options, the project identified two models of co-funding including:

1. Agreement to co-fund the smelter for SPL WMPs costs (rebate to smelter)
2. Agreement to co-fund the third party SPL WMPs costs (e.g. rebate to SPL WMPs).

[67] The options presented in this section are not endorsed by the Australian or State Governments nor do they represent government policy.

During consultation, industry identified another co-funding model which was for the government to consider for the potential to look beyond a 'subsidised processing' models and look to an industry-government co-funded SPL processing solution (i.e. build, own, operate) with future processing/transport pricing agreed and fixed for 10 years.

11.9 The feasibility of an agreement based approach to SPL stockpile drawdown

This project aimed to test the feasibility of using an agreement based approach to drawdown Australia's SPL stockpile over a period of around 10 years.

The analysis indicates that it is feasible to use an agreement based approach to develop site-specific agreements with the aluminium smelting industry, SPL WMPs, and Australian governments that could enable SPL stockpile drawdown in around ten years.

The agreement type (voluntary or binding), parties, and any potential co-funding would need detailed consideration that is beyond the scope of this project.

12 Recommendations

The following is recommended.

1. DoEE progress with discussions with all Australian aluminium smelters and SPL WMPs to develop site specific agreements that will help ensure the drawdown of above ground SPL stockpiles over the next 10 years. Whilst Tomago Aluminium has a short drawdown plan in place, they should still be consulted, at least initially, to ensure they are not disadvantaged for proactively processing their SPL stockpile.
2. DoEE maintain communication with the relevant state EPAs to monitor the outcomes of current assessments/audits of onsite SPL landfills.
3. Should landfilled SPL be required to be removed from site and/or processed, DoEE should look to include the additional tonnages into any agreement this is being considered.
4. The development of any agreement includes full assessment of the considerations that are included in Section 7 of this report. Included in this assessment should be a confirmation of the stockpile tonnage figures for each site that were provided for this report.
5. Where any agreement potentially includes co-funding that DoEE ensure that the considerations included in Section 10 are fully assessed.
6. If co-funding is being considered as part of an agreement, DoEE should undertake additional analysis of the historical and current 'baseline' pricing for SPL WMPs. The indicative pricing information gathered during this project is insufficient to support decisions regarding the amount of co-funding that should be provided per tonne (for example).

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Appendix I

Landholder Consent

Appendix I Landholder Consent

TomagoAluminium

Certified System Environment ISO 14001
Certified System Health & Safety OHSAS 18001
Certified System Quality ISO 9001 Cast Products

August 31 2018

To whom it may concern

Regain Services Pty Ltd (the proponent) is submitting an application to the Department of Planning & Environment to modify the existing Project Approval (06_0050) to increase current plant throughput from 20,000tpa to 60,000tpa for the Tomago SPL Recycling Facility located at Tomago, NSW. The facility is located on land owned by the Tomago Aluminium Company.

The property is identified as the Regain Services Pty Ltd site, located within the Tomago Aluminium site at 576-638 Tomago Road, Tomago, NSW, 2322. The title is listed as Lot 3 in DP 808004, Tomago Road, Tomago.

The property area is a stand-alone lease by Tomago Aluminium Company Pty Limited to Regain Services Pty Limited.

As the owner of the property described above, I consent to the application being made by the Proponent (Regain Services Pty Ltd) understanding that the application is subject to all normal planning requirements.

Steve McIntyre

CFO & Company Secretary
Tomago Aluminium Company Pty Limited

Appendix J

Hazard and Risk Management Standards

Appendix J Hazard and Risk Management Standards

Hazard and Risk Management Standard

Objective

Risk is eliminated or minimised so far as is reasonably practicable.

Explanation

A hazard is a source of potential harm or damage that can cause a loss. Risk is defined as the probability of a loss. Risks are eliminated so far as is reasonably practicable. Where it is not reasonably practicable to eliminate risks, then those risks are minimised so far as is reasonably practicable. Reasonably practicable means realistic, practical and able to be done after considering:

- hazards and credible potential losses
- the options for preventing or mitigating losses
- what the people concerned know or should expected to know.

Regain applies this framework for safety and environmental risk management and for other aspects of is business where there is a risk of substantial loss. The underlying approach is to (a) avoid events that could cause loss (loss events); or (b) to mitigate the extent of harm or damage if a loss event does occur. Risk controls provide (a) protection barriers in the form of controls such that loss events are avoided; or (b) mitigation controls to limit the extent of damage or harm if a loss event actually occurs. Monitors are measures that indicate that a control is in place.

Requirements

Hazard Identification and Risk Control

Hazards and risk controls are systematically identified and documented through:

- Hazard and Operability Studies (HAZOPs) for process plants
- Hazard and Loss Event Prevention Analysis (HAZLEPs) for activities
- Work Planning for tasks including plant operations and maintenance
- Hazard and Incident reporting for use by employees, contractors and visitors.

Hierarchy of Controls

Controls are prioritised and implemented in accordance with the following hierarchy of controls with preference given to the controls at the highest level.

1. Elimination – eliminate the hazard where it is reasonably practicable to do so
2. Substitution – substitute the equipment or method with an alternate approach that is less hazardous
3. Engineering – implement engineering solutions to isolate the hazard
4. Administrative – implement administrative procedures such as safety rules
5. Personal Protective Equipment – wear body protection equipment such as safety glasses.

Consultation

Front line workers, Health and Safety Representatives and other stakeholders are consulted on hazards and control measures. A key feature of consultation is an emphasis on involvement of people through respectful face-to-face conversation.

Reinforcement of Awareness and Mindfulness

Hazard and control awareness and mindfulness are fostered with the people involved in work using Work Planning Forms and Safe Work Checksheets at the start of each task. Documents used by front line people are written at a literacy level and in a style that is relevant and engages the front line people.

Review

The adequacy and effectiveness of hazard and risk management documents are reviewed periodically as follows:

- HAZOPs – During plant design and on major changes to process plant
- HAZLEPs – at least once in two years
- Work Planning Forms and Safe Work Checksheets – at least once every year
- Hazard and Loss Prevention Charts and Controls Register – at least once every year.

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Risk Control Register

Description of Risk Control	Code
Personal Protective Equipment	
PPE - Cotton clothing - long trousers + long sleeve shirt with sleeves down	RC063
PPE - High visibility shirt or vest	RC064
PPE - Disposable overalls with head cover	RC065
PPE - Safety helmet	RC066
PPE - Safety eyewear	RC067
PPE - Safety boots	RC068
PPE - Gloves	RC069
PPE - Face mask – Paper type	RC070
PPE - Face mask - Rubber	RC071
PPE - Face mask – Full face	RC072
PPE - Airstream helmet	RC073
PPE - Hearing protection	RC074
PPE - Fall prevention harness	RC075
Site Operations, Maintenance and Construction	
Designated pedestrian pathways with barriers	RC001
Mobile equipment operator + pedestrian communication – hand signal and eye contact	RC002
Mobile equipment operator issued with mobile telephone or radio for contact from outside working area	RC003
Signage warning of hazardous area due to mobile equipment operating	RC004
Barriers and signage prohibiting entry while mobile equipment is operating	RC005
Reversing siren on mobile equipment	RC007
Flashing lights on mobile equipment	RC008
Turn plant off and do not operate	RC011
Plant isolation – lock out and tag out	RC012
Clear process blockages from concrete floor or behind handrail on platforms	RC013
Pinch points/entrapment points guarded	RC014
Signage warning to isolate plant before removing guard	RC015
Signage warning to isolate plant before opening hatches that may expose hazard	RC016
Housekeeping check - process plant guards are in place	RC017
Release stored compressed air or hydraulic pressure	RC020
Signs warning of electrical hazard and authorised entry restriction	RC023
Electrical panel entry method	RC024
Electrical tool safety check	RC025
Work from elevated platform when outside existing platforms	RC028
Truck load covers placed or removed from truck cabin, safe platform or ground level	RC029
Trucks transporting bulk materials / products fitted with retractable covers	RC030
Housekeeping check - floor openings, guard rail openings	RC031
Checks after maintenance activities for objects that may fall	RC034
Housekeeping check – objects at height that may fall	RC035

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Risk Control Register

Description of Risk Control	Code
Use certified lifting equipment – regularly inspected	RC036
Maintain lifting equipment register	RC037
People stay clear of suspended loads, not under or in the path of load	RC038
Signage warning of confined space hazard and authorised entry control	RC042
Confined space entry method	RC043
Confined space gas monitoring	RC044
Provide spotter or watch person for confined space work	RC045
Lifting equipment for objects over 20kg	RC049
Lifting equipment to place objects in tight or awkward places	RC050
Designated storage areas for hazardous materials	RC053
Provide material safety data sheets for hazardous materials	RC054
Maintain hazard materials register	RC055
Periodic monitoring of plant noise levels and verification of PPE	RC059
Provide operator with mobile telephone for communication	RC076
Externally monitor operator working alone	RC077
Air filters for mobile equipment operator cabs	RC079
Keep material damp to reduce dust	RC080
Pedestrians establish eye contact with mobile equipment operator before entering work zone	RC097
Contain run-off water that may contain hazardous leachate with product	RC119
Conduct operations within smelter first flush drainage control	RC120
Inspect first flush sumps after storms incl. solids level	RC121
Contain run-off water that may contain sediment	RC122
Periodic monitoring for explosive gases	RC132
Periodic maintenance inspection of hydrogen gas vents	RC133
Signage to warn against using water to quench sodium fires in SPL stockpiles	RC134
Stockpiles dressed to natural angle with no steep slopes or large lumps that may fall	RC137
Housekeeping check - steep slopes on stockpiles that may collapse or large lumps that could fall	RC138
Mobile equipment travel paths scraped clear regularly	RC139
Housekeeping check - material on mobile equipment pathways	RC140
Guard hot surfaces	RC143
Signage warning of hot surfaces	RC144
Truck loads covered when transporting bulk materials / products	RC147
Handle dry bulk materials inside buildings	RC148
Isolate dust suppression water supply when not operating	RC149
Material Loading and Handling	
People stay clear of suspended loads, not under or in the path of load	RC038
Visual inspection of the skip and trailer after loading	RC085

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Risk Control Register

Description of Risk Control	Code
Road vehicles to park in designated zones	RC081
Road vehicles must not queue on public or smelter roads	RC082
Vehicles driven slower than site speed limits	RC083
Vehicle motors to be turned off when parked for prolonged periods	RC084
Skips filled to a maximum of 60% in volume	RC086
Regular cleaning of loading and unloading area – minimise product contact with truck wheels	RC087
Shedding plated fitted to skips	RC088
Save all Tarps fitted to vessel	RC089
Sweep wharf access/egress with road sweeper	RC090
Deliver product in damp state (>4% moisture) to stop dust rising	RC091
Driver remains in truck cabin when unloading trucks in exclusion zone	RC092
Use certified lifting equipment – regularly inspected	RC093
Regularly check skip weights via a weigh bridge – minimum one per shift	RC094
Use palm of hand to hold lifting chains in place	RC095
Pedestrians establish eye contact with mobile equipment operator before entering work zone	RC097
Skip trailers fitted with container locking pins	RC098
Prestart checks on equipment before use	RC099
Implement and work to Traffic Plan	RC100
Tailgate chain stops to restrict flow	RC101
Truck bodies check & cleaned before leaving ME and Port	RC102
All trucks to travel over the shaker grid at correct speed	RC103
Spotter to guide truck at loading point & clean down of the truck tailgates	RC104
Storm water drains covered – conveyor belting	RC105
Storm water drains to have valves blocked off/closed	RC106
Shade cloth tarps to be placed under the ship loader	RC107
Shade cloth tarps over the ship hatch - prevent dust escaping	RC108
Minimal ship hatch opening - prevent dust escaping	RC109
Sock from the loading conveyor into ship hold - minimise product fee fall	RC110
Bobcat or sweeper cleaning any spillage on wharf	RC111
Monitor wind speed using on site anemometer and adhere to site wind restrictions	RC112
Ship loading suspended in adverse weather	RC113
Stack and recover products in short campaigns to reduce exposure	RC114
Ship loading stockpile on berth covered in adverse weather	RC115
Contain run-off water that may contain hazardous leachate with product	RC119
Handle dry bulk materials inside building	RC121
Cover stockpile with tarpaulin to prevent product drying out and dust rising	RC124
Housekeeping checks to include checking for potential dust hazards	RC125

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Risk Control Register

Description of Risk Control	Code
Wet exposed product not covered by tarpaulins to prevent dust rising	RC126
Cover stockpile with tarpaulin to shed rainwater	RC127
Use powered plant for tarpaulin placement and removal	RC128
Avoid placing or removing tarpaulins if moderate or high winds are forecast or experienced	RC129
People to avoid standing on tarpaulin until secured (e.g. with clamps, chains, straps or hold down weights)	RC130
Stack Mineralising Carbon product on limestone pad to neutralise fluorine in leachate	RC131
Process Plant Engineering	
Hydrogen gas vents on unventilated plant high points	RC160
Burner control system causes process burner to go to idle mode if temperature control fails	RC162
Plant control system automatically shuts plant down if bag house dust collector fails	RC163
Use IP65 rated electrical equipment where possible	RC164
Routine Inspections and cleaning of electrical cabinets and equipment	RC165
Plant PLC controls for sequenced start up and shutdown	RC166
Explosion release vents	RC167
Purge system (kiln, ducting, dust collector) on start-up of burner control system	RC168
Purge system (kiln, ducting, dust collector) prior to commencing maintenance work	RC169
Product temperature probe wire directly to burner controls fault signal to activate low burn	RC171
Dilution air introduced to the kiln exhaust air.	RC172
Dilution air temperature control incorporated in plant PLC controls	RC173
Dust collector over temperature probe wired directly to burner to activated low burn	RC174
Burner logic control wired to PLC – burner fault signal to activate sequence shutdown	RC175
Exhaust fan controls interlocked with burner logic controls -(Exhaust fan fault – burner shutdown)	RC176
Exhaust fan controls wired to PLC - Exhaust fan fault – plant shutdown	RC177
Pressurised MCC Cabinets	RC178
Interlock control to shut plant down on overload or under speed signal	RC179
Natural gas isolation valve located at easily accessible place	RC180

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Aluminium SPL Reprocessing Facility
Hazards and Loss Event Prevention

Critical Safety

Regain

Hazards	Loss Event Prevention Controls	Potential Loss Events	Catastrophic	Serious
Moving mobile equipment	001, 002, 003, 004, 005	Injury from being in path of mobile equipment		
Pinch or crush points on process plant	011, 013, 015, 016, 017	Injury from being caught in machinery pinch point		
Stored energy – compressed air or hydraulic	020	Injury from unexpected release of stored energy		
Electrical energy	023, 024, 025	Electrocution injury from contact with live electricity		
Fall from height	028, 029, 030	Injury from falling from height		
Falling objects	034, 035, 036, 037, 038	Injury from being struck by falling object		
Confined spaces	042, 043, 044	Suffocation due to lack of oxygen		
	042, 043, 045	Trapped in confined space and unable to escape		

Control Codes and Descriptions

001	Designated pedestrian pathways with barriers
002	Mobile equipment operator and pedestrian communication – hand signal and eye contact
003	Mobile equipment operator issued with mobile telephone or radio for contact from outside working area
004	Signage warning of hazardous area due to mobile equipment operating
005	Barriers and signage prohibiting entry while mobile equipment is operating
011	Turn plant off and do not operate
	Plant isolation lock out and tag out
013	Clear process blockages from concrete floor or behind handrail on platforms
	Pinch points entrapment points guarded
015	Signage warning to isolate plant before removing guard
016	Signage warning to isolate plant before opening hatches that may expose hazard
017	Housekeeping check – process plant guards are in place
020	Release stored compressed air or hydraulic pressure
023	Signs warning of electrical hazard and authorised entry restriction
024	Electrical panel entry method
025	Electrical tool safety check
028	Work from elevated platform when outside existing platforms
029	Truck load covers placed or removed from truck cabin, safe platform or ground level
030	Trucks transporting bulk materials / products fitted with retractable covers
034	Checks after maintenance activities for objects that may fall
035	Housekeeping check – objects at height that may fall
036	Use certified lifting equipment – regularly inspected
037	Maintain lifting equipment register
038	People stay clear of suspended loads, not under or in the path of load
042	Signage warning of confined space hazard and authorised entry control
043	Confined space entry method
044	Confined space gas monitoring
045	Provide spotter or watch person for confined space work

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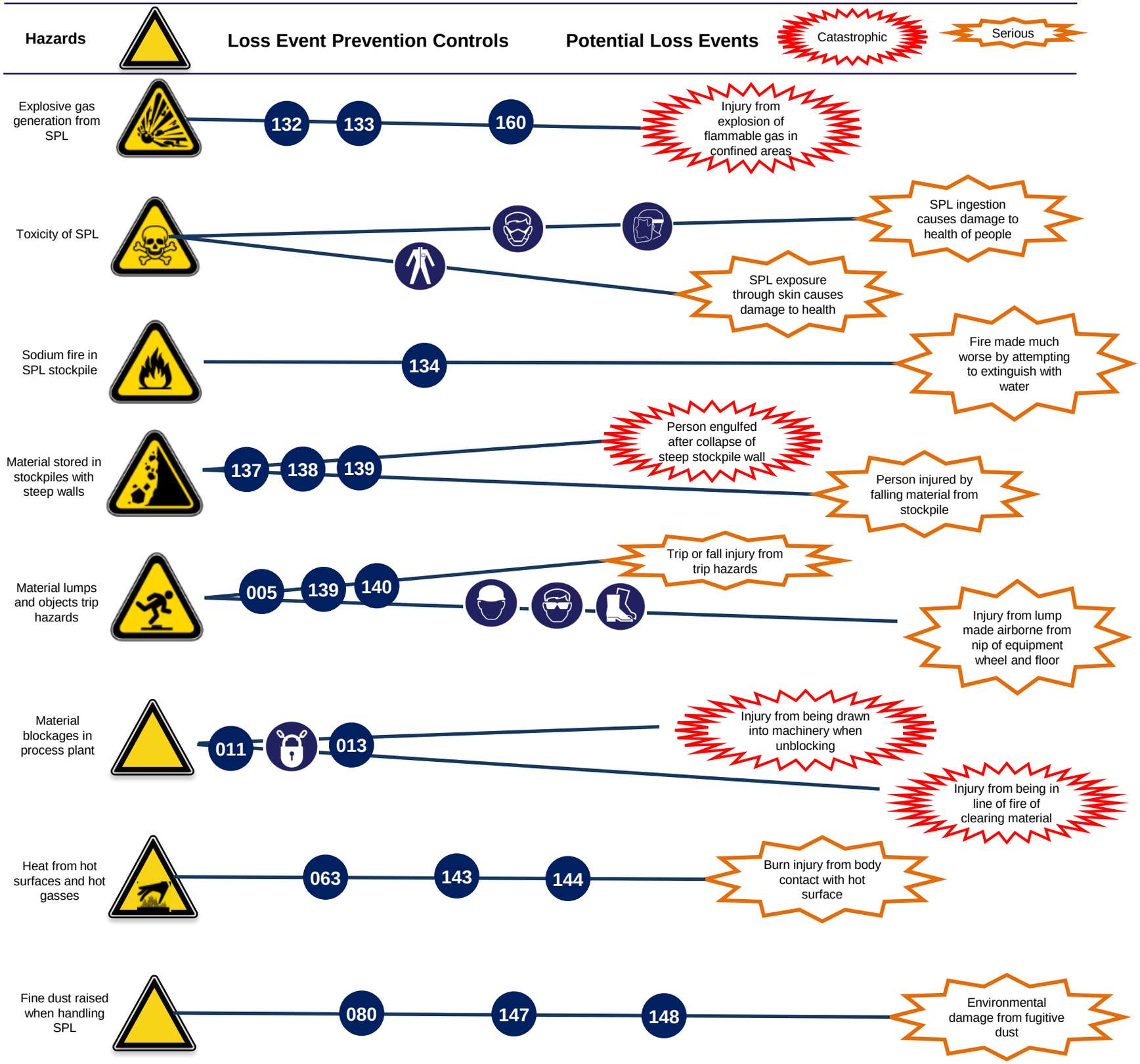
Material Handling and Processing



Control Codes and Descriptions

- **005** Barriers and signage prohibiting entry while mobile equipment is operating
- **011** Turn plant off and do not operate
- Plant isolation lock out tag out
- **013** Clear process blockages from concrete floor or behind handrail on platforms
- **016** Signage warning to isolate plant before opening hatches that may expose hazard
- **042** Signage warning of confined space hazard and authorised entry control
- **063** PPE – Cotton clothing – long sleeve shirt with sleeves down and long trousers
- PPE – Disposable overalls with head cover
- PPE – Safety helmet
- PPE – Safety eyewear
- PPE – Safety boots
- PPE – Face mask - Rubber
- PPE – Face mask – Full face
- **080** Keep material damp to reduce dust
- **132** Periodic monitoring for explosive gases
- **133** Periodic maintenance inspection of hydrogen gas vents
- **134** Signage to warn against using water to quench sodium fires in SPL stockpiles
- **137** Stockpiles dressed to natural angle with no steep slopes or large lumps that may fall
- **138** Housekeeping check – steep slopes on stockpiles that may collapse or large lumps that could fall
- **139** Mobile equipment travel paths scraped clear regularly
- **140** Housekeeping check – material on mobile equipment pathways
- **143** Guard hot surfaces
- **144** Signage warning of hot surfaces
- **147** Truckloads covered when transporting bulk materials / products
- **148** Handle dry bulk materials inside buildings
- **160** Hydrogen gas vents on unventilated plant high points

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Aluminium SPL Reprocessing Facility
Hazards and Loss Event Prevention

General Safety

Regain

Hazards	Loss Event Prevention Controls	Potential Loss Events	Catastrophic / Serious
Manual lifting and handling	049, 050	Back or muscle injury from straining	
Hazardous materials	053, 054, 055	Damage to health from exposure to hazardous materials	
Operator working alone	076, 077	Injury made worse as unable to get help for extended period	
Noise	059	Damage to hearing from noise	
Dust particles and fumes	073, 079, 080	Damage to health from ingesting dust	

Control Codes and Descriptions

- 049 Lifting equipment for objects over 20kg
- 050 Lifting equipment place objects in tight or awkward places
- 053 Designated storage areas for hazardous materials
- 054 Provide material safety data sheets for hazardous materials
- 055 Maintain hazard materials register
- 059 Periodic monitoring of plant noise levels and verification of PPE
- PPE - Safety eyewear
- PPE – Face mask – Rubber
- PPE – Face mask – Full face
- 073 PPE – Airstream Helmut
- PPE – Hearing protection
- 076 Provide operator with mobile telephone for communication
- 077 Externally monitor operator working alone
- 079 Air filters for mobile equipment operator cabs
- 080 Keep material damp to reduce dust

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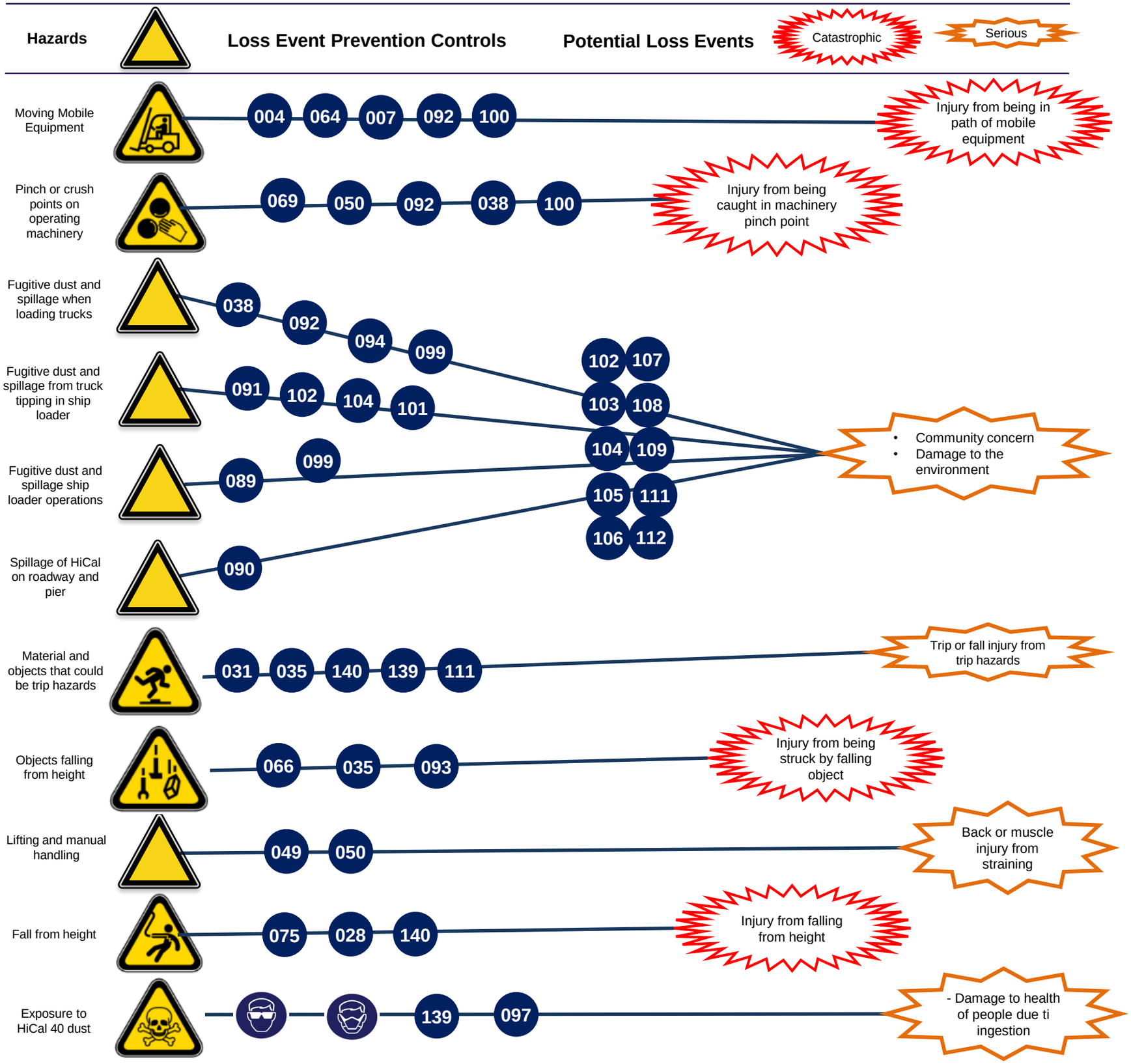
HiCal 40 Mineralising Carbon Bulk Shipment
Hazards and Loss Event Prevention

Loading HiCal40 Bulk Shipment – Port of Newcastle



Control Codes and Descriptions

004	Signage warning of hazardous area due to mobile equipment operating
007	Reversing siren on mobile equipment
028	Work from elevated platform when outside existing platforms
031	Housekeeping inspection – floor openings
035	Housekeeping inspection – objects at height that may fall
038	People stand clear of suspended loads, not under in the path of load
049	Lifting equipment for objects over 20kg
050	Use lifting equipment to place objects in tight or awkward places
	PPE – Face mask
063	PPE – Cotton clothing – long sleeve shirt with sleeves down and long
064	PPE – High Visibility Clothing
	PPE – Safety helmet
	PPE – Safety eyewear
069	PPE – Gloves
075	Fall prevention harness
089	Save all tarps fitted to vessel
090	Road sweeper to sweep access to sweep wharf access/egress
091	Deliver product in damp state (<4% moisture) to stop dust rising
092	Driver remains on truck cabin when loading and unloading trucks
093	Use certified lifting equipment – regularly inspected
094	Regularly check skip weights via a weigh bridge – minimum 1 per shift
097	Pedestrians maintain eye contact with plant operators
099	Prestart checks on equipment before use
100	Implement and work to Traffic Plan
101	Tailgate chain stops to restrict flow
102	Truck bodies are cleaned & checked before leaving ME and Port
103	All trucks to travel over the shaker grid at correct speed
104	Spotter to guide truck at loading point, clean down the truck tailgates
105	Storm water drains covered – conveyor belting
106	Storm water drains to have valves blocked off / closed
107	Shade cloth tarps to be placed under the ship loader
108	Shade cloth tarps over the ship hatch – prevent dust escaping
109	Minimal ship hatch opening – prevent dust escaping
110	Sock from loading conveyor into ship hold – minimise product fee fall
111	Bobcat sweeper cleaning any spillage
112	Monitor wind speed using on site anemometer, adhere to wind restrictions
139	Mobile equipment travel paths scraped and cleaned regularly
140	Daily housekeeping checks for material on mobile equipment pathways

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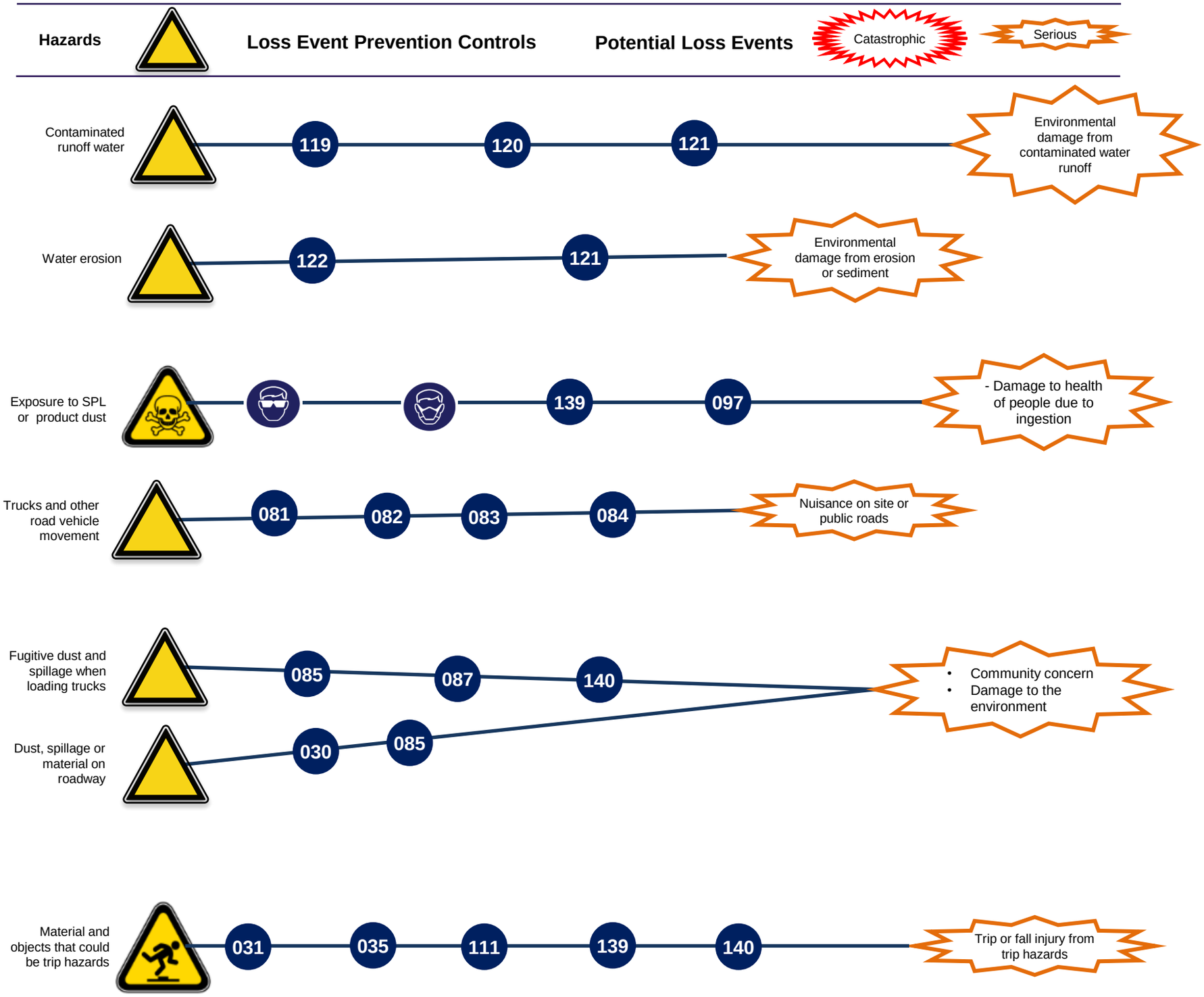
Aluminium SPL Reprocessing Facility
Hazards and Loss Event Prevention

General Site and Traffic Control



Control Codes and Descriptions

30	Trucks transporting bulk materials / products fitted with retractable covers
31	Housekeeping check - floor openings, guard rail openings
35	Housekeeping check – objects at height that may fall
81	Road vehicles to park in designated zones
82	Road vehicles must not queue on public or smelter roads
83	Vehicles driven slower than site speed limits
84	Vehicle motors to be turned off when parked for prolonged periods
85	Visual inspection of the truck and trailer after loading
87	Regular cleaning of loading and unloading area – minimise product contact with truck wheels
97	Pedestrians establish eye contact with mobile equipment operator before entering work zone
111	Bobcat or sweeper cleaning any spillage
119	Contain run-off water that may contain hazardous leachate with product
120	Conduct operations within smelter first flush drainage control
121	Inspect first flush sumps after storms incl. solids level
122	Contain run-off water that may contain sediment
139	Mobile equipment travel paths scraped clear regularly
140	Housekeeping check - material on mobile equipment pathways

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Appendix K

Material Control and Chain of Custody Standard

Appendix K Material Control and Chain of Custody Standard

Material Control Standard

Objective

Accurate measurement and control of materials handled by Regain.

Explanation

Regain processes certain by-products from aluminium smelting operations and other materials at the various process plants. Accurate measurement and control of quantities of material is essential for effective operation of the Regain business. As part of meeting its commercial and statutory obligations, Regain is required to record material movements, reconcile quantities and provide a reports including mass balance of materials, inventory on hand, quantity of material processed and products shipped.

Requirements

Records of Material Movements

Material mass balance is controlled by recording and measuring the weight of materials into, through and out of the Regain system of material receiving, handling, processing, product manufacture and delivery to Customers. Under the Regain Management System (RMS) all controlled material transactions are covered by a dispatch docket. Material movements, or material transactions, based on Regain dispatch dockets are input to and stored on an electronic database. All material transactions are matched to mass balance accounts. Material is received by Regain at its operations and typically stored in stockpiles. Material is drawn from the stockpiles and then controlled through production batches. Transformation from one material to another is controlled against production batches.

Mass Balance Accounts

A mass balance account represents the combination of a single product or material and a point of control for that material. Material transactions are matched to mass balance accounts:

1. **Origin mass balance accounts** record materials entering from outside the Regain system.
2. **Stockpile mass balance accounts** record the movement of material into and from a stockpile at a given Regain operation.
3. **Batch mass balance accounts** provide a record of the material transfers into a given batch and transfers from the batch.
4. **Destination mass balance accounts** record outgoing final product transactions for materials leaving the Regain system and handed to the custody of end user Customers.
5. **Adjustment mass balance accounts** records losses and gains in material mass as material is handled and processed with an offsetting record of the loss or gain recorded against the appropriate stockpile or batch.

Mass Balance Equation

Mass balance control is achieved using the following mass balance control equation.

Quantity of Material Received from Origins	-	Quantity of Material in Stockpiles	-	Quantity of Material in Batches	-	Quantity of Outgoing Material Dispatched	+	Adjustments	= 0

Quantity Reconciliation

Quantities of materials are reconciled with weights recorded using a weighbridge that has been properly calibrated and for which there is a current certificate of approval.

Review

The adequacy and effectiveness of this Regain Material Control Standard are reviewed by Regain Management periodically on a three-year cycle and/or earlier in a given cycle if circumstances indicate an earlier review is appropriate.

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Chain of Custody Standard

Objectives

A. Clear identification of title and risk in the materials handled by Regain,

B. Traceability of materials and products.

C. Assurance that Regain's obligations as owner of materials are met.

Explanation

The supply chain of products including all stages from receipt of by-products from aluminium smelting operations, processing by Regain, production of new products, storage and transport of products up until the release of the products to Customer for consumption is referred to as the **chain of custody**. A **chain of custody stage** is a point at which ownership or control of material changes. **Traceability** refers to ability to trace back the product or raw material back to the Client who supplied the material and forward to the Customer who accepted the products for consumption.

As part of meeting its commercial and statutory obligations to aluminium smelter Clients, product Customers and government regulators, Regain must to be able to provide evidence of quantities, chemical analysis and transfer dates relating to the movement of raw materials and products. It is also required to have appropriate documentation of commercial arrangements that define a chain of custody stage where ownership in a product is transferred to another party along with records that support each commercial transaction.

Regain must ensure that materials under its control are stored and transported in accordance with appropriate regulation.

Requirements

Material Safety Data Sheets

Material Safety Data Sheets are available for each of the materials (including products) that are under Regain control.

Product Specification

Each consignment contains products that meet a specification recorded in the commercial agreement between Regain and the Customer who takes delivery of products for consumption.

Traceability

The source(es) of material for each batch are known. Each consignment of product is made up from one or more identified batches of product that meet the required product specification.

Storage and Transport

Raw materials and products are stored and handled in accordance with appropriate regulation and in accordance with commercial agreements with other parties.

Change of Custody Stages

The point at which ownership and risk is transferred to Regain is defined in commercial agreements with Clients who supply by-products and with Suppliers who provide other materials. The point at which ownership and risk is transferred from Regain is defined in commercial agreements with Customers who take delivery of products for consumption.

Chain of Custody and Material Control Reconciliation

The quantities shown on Regain commercial invoices to Clients and to Customers are periodically reconciled with material mass balance control records.

Review

The adequacy and effectiveness of this Regain Material Control Standard are reviewed by Regain Management periodically on a three year cycle and/or earlier in a given cycle if circumstances indicate an earlier review is appropriate.

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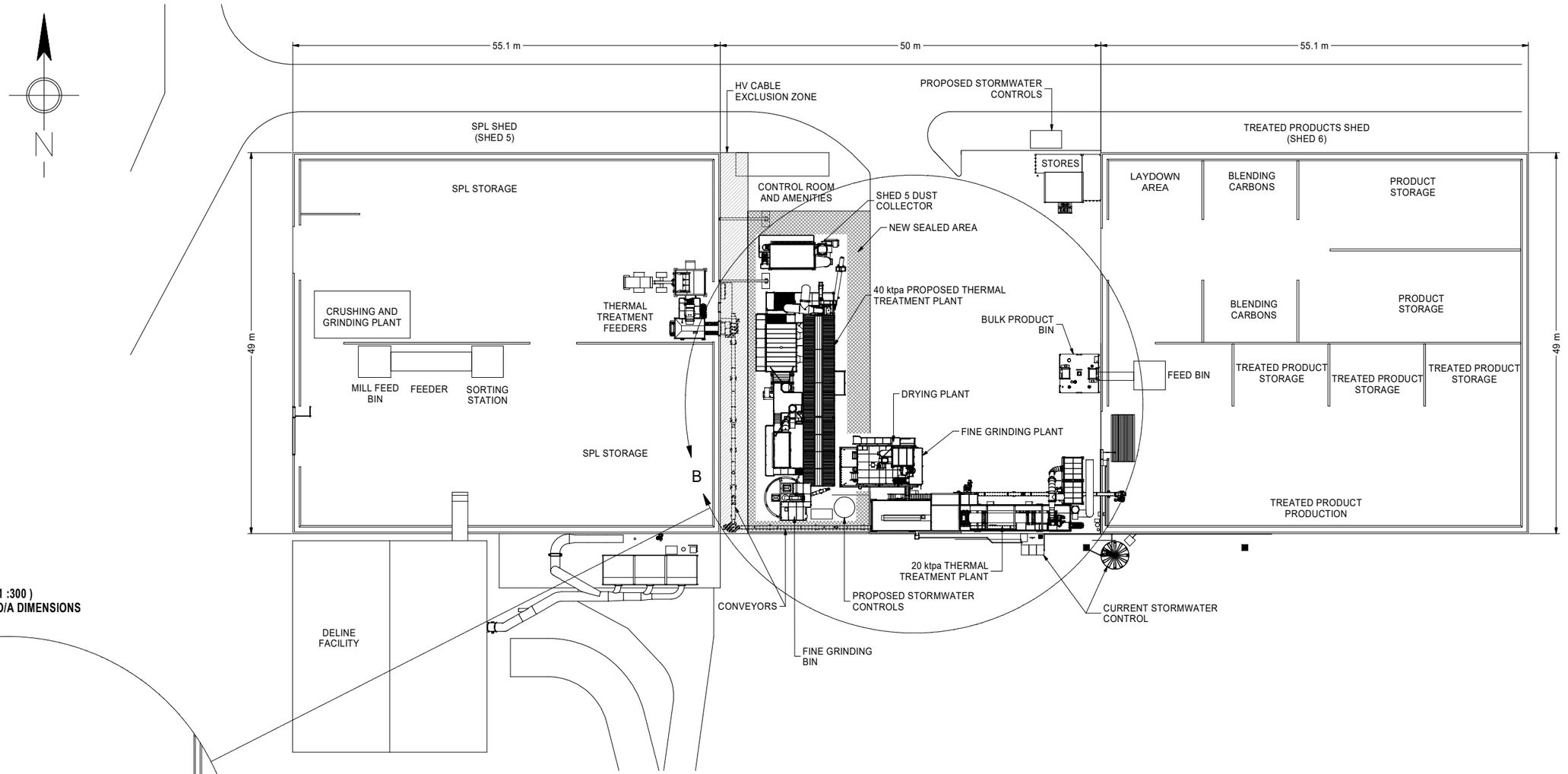
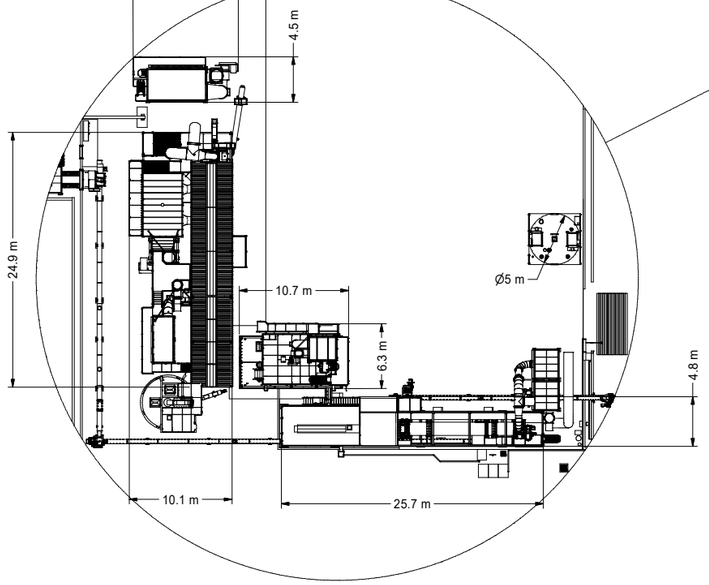
Appendix L

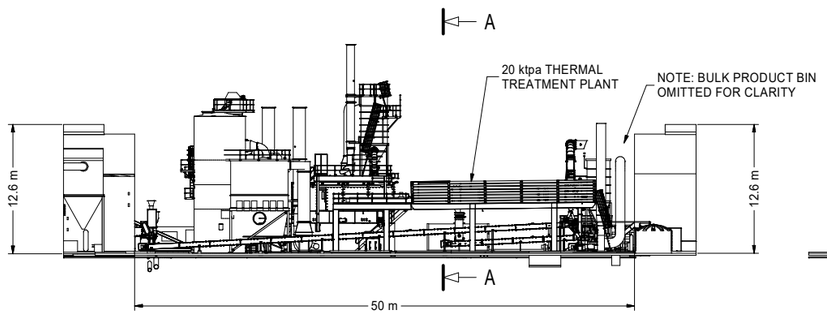
Site Plans

Appendix L Site Plans

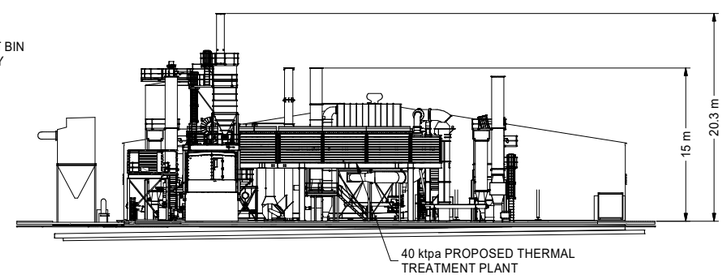


B (1 :300)
EQUIPMENT O/A DIMENSIONS





SOUTH ELEVATION (1 : 300)



A-A (1 : 300)
EAST ELEVATION

DWG NOS	REFERENCE DRAWINGS	DWG NOS	REFERENCE DRAWINGS	REV	DATE	BY	APPROVED	DESCRIPTION
				C	16/10/18	Htc	K Cooper	UPDATED AS PER LAYOUT AND MARK UP 14.10.18
				B	20/09/18	Htc	K Cooper	VIEW ROTATED 180 DEG
				A	27.06.18	Htc	K Cooper	ISSUED FOR APPROVAL

Inventor File: D:\Clients\Regain\00-Workspace\116 (TAC Site)\116 (Gen Arrgts)\116000-00 (Stage 2 Concept June 2018).iam

Regain

DESIGNED Regain
DRAWN Htc
CHECKED K Cooper
APPROVED K Cooper
DATE 27/06/18

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TOMAGO SMELTER SPL PROCESSING FACILITY
CONCEPTUAL LAYOUT - STAGE 2 - SITE PLAN

SCALE AS STATED | DRAWING NO 116TD156 | REVISION C | A3

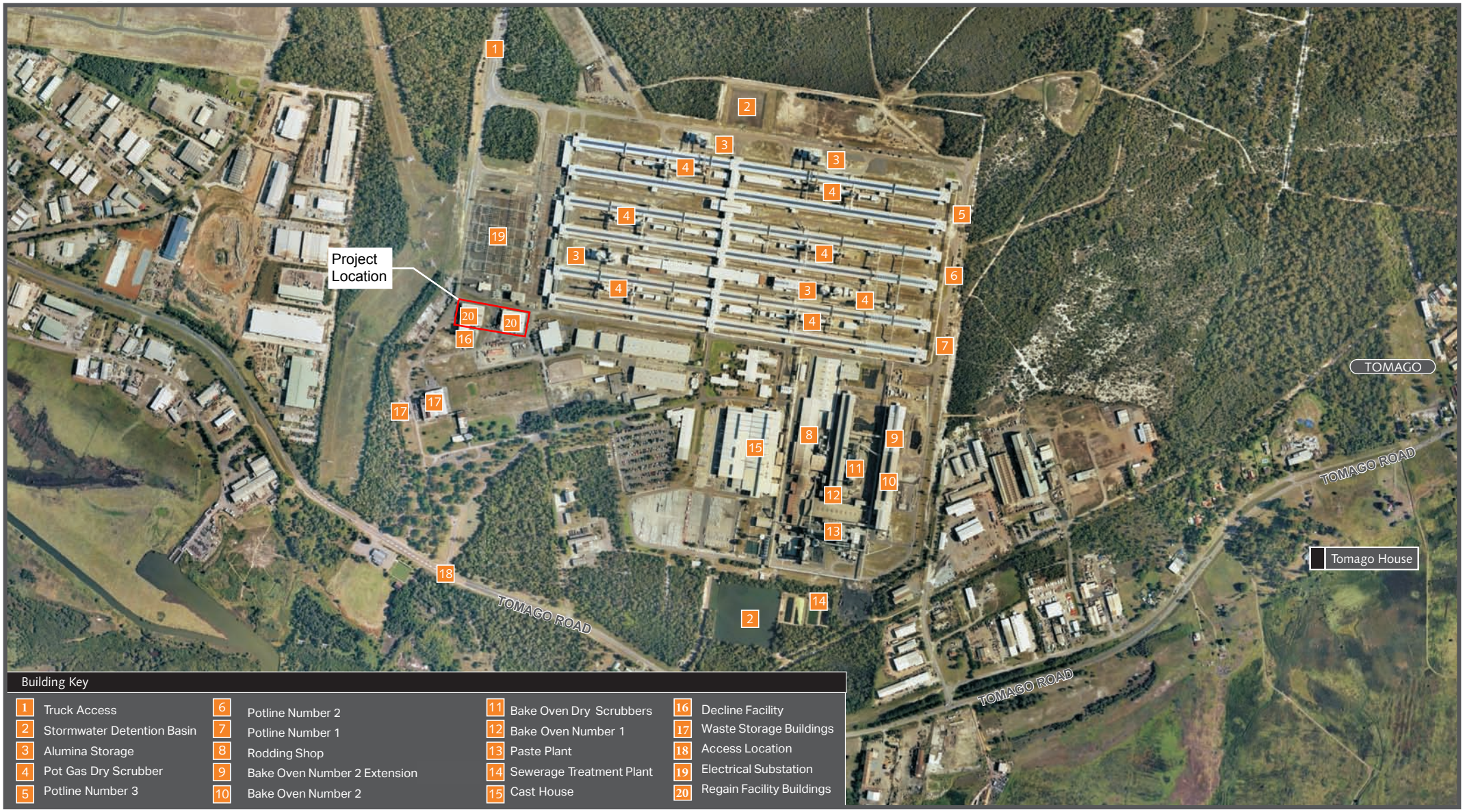

Figure L01 - Project Location

Contract No. M7576 Rev.
Drawing No.

MATCHLINE SEE DRG 0010 C05 032

MATCHLINE SEE DRG 0010 C05 034

MATCHLINE SEE DRG 0010 C05 057

MATCHLINE SEE 0010 C05 245

CONTRACT M7576

CAR PARK

OIL STORAGE
750x750 BLOCKOUT
AT INV LVL 6770

750 x 750 BLOCKOUT
AT INV. LVL 6.885

200-FPU-0025-14

Tomago SW Suface Pit
Additional Courtyard SW
entry point

Well Monitoring Point
No. 236 N 1496.93
E 1415.27

Well Monitoring Point
N°278

Well Monitoring Point
N°279

Buiding Leachate Catchment

Internal Building Drain

Courtyard SW flow
Settling Chamber
(Regain SW Catchment

Proposed Additional
Settling Chamber,
Sump and Pump

Current Setting
Chamber,
Sump and Pump

Thrust Block

Kerb

Conc.

Concrete

A.C.

356
SPENT LINING FACILITY
F.L. RL. 8·760

CATHODE STORAGE FACILITY

TRAINING FACILITY

CONTRACTORS COMPOUND

CABLETRAY

CABLETRAY ON
OUTSIDE WALL

CARPARK
25 AC.
150 Subg.
150 Subb.

Fire Hose
Cabinet

Paved

TP HYDRANT
PIPE
N 1491.500
E 1353.000
IL 6·955

D2
N 1489·230
E 1380·150
FSL 8·380

D2
N 1489·230
E 1455·050
FSL 8·405

D2
N 1482·270
E 1380·150
FSL 8·380

D2
N 1482·270
E 1455·050
FSL 8·405

DIST. 103·400
IPRL 8·425
GRADE 1·0·919%
GRADE 2+0·926%

DIST 3·750
IPRL 8·934
GRADE 1 - 2·000%
GRADE 2 - 2·288 %

DIST 3·750
IPRL 8·7
GRADE 1-2·000%
GRADE 2+1·782%

DIST. 152·000
IPRL 8·875
GRADE 1+0·926 %
GRADE 2-1·806 %

DIST 178·300
IPRL 8·400
GRADE 1-1·806 %
GRADE 2-2·000 %

H101
N 1494·000
E 1418·000
FSL 8·850

S1-L
N 1480·000
E 1444·000
FSL 8·750

D20
N 1482·270
E 1411·100
FSL 8·620

NOTE : 22kV ELECTRICITY CABLES IN THIS VICINITY - HAND DIGGING ONLY PERMITTED/DIGGING PERMIT REQUIRED BEFORE COMMENCEMENT

NOTE : 22kV ELECTRICITY CABLES IN THIS VICINITY - HAND DIGGING ONLY PERMITTED/DIGGING PERMIT REQUIRED BEFORE COMMENCEMENT - Cn

NOTE : 22kV ELECTRICITY CABLES IN THIS VICINITY - HAND DIGGING ONLY PERMITTED/DIGGING PERMIT REQUIRED BEFORE COMMENCEMENT

NOTE : 22kV ELECTRICITY CABLES IN THIS VICINITY - HAND DIGGING ONLY PERMITTED/DIGGING PERMIT REQUIRED BEFORE COMMENCEMENT

NOTE : 22kV ELECTRICITY CABLES IN THIS VICINITY - HAND DIGGING ONLY PERMITTED/DIGGING PERMIT REQUIRED BEFORE COMMENCEMENT

NATURAL GAS LINE
110 O.D. P.E.
BLACK & YELLOW STRIPES

POTABLE WATER LINE
63 O.D. PVC
BLACK & BLUE STRIPES

COMPRESSED AIR LINE
90. O.D. P.E. BLUE

4 x 120 mm² 50i
1 x 50 mm² E
1 x 50 mm² 4C + E

3 x 120 mm² EARTHS TO SPL

120 mm² INSULATED EARTH CABLE

TYP SECTION B-B

COVER 400mm
WARNING TAPE
GAS LINE 110 O.D. P.E.
WATER
AIR

SECTION A-A

EXISTING CONCRETE PAVEMENT
CONCRETE DISHED DRAIN
100
200
1500
50 COMPACTED SAND BED

PIT SHEDULE

NOTE: ALL FIGURES BELOW ARE IN METRES U.N.O.

PIT N°.	POSITION EAST	POSITION NORTH	TOP LEVEL	INV. IN	INV. OUT	DESCRIPTION (mm. x mm.)
18	1389.59	1427.55	8.58		7.40	
19	1396.95	1426.00	8.20	7.31	7.26	
20	1417.00	1426.00	8.00	7.07	7.02	600 x 600 PRECAST CONC. PIT WITH GALV. GRATE. FORGELINE SERIES 1 FA655 OR EQUIV.)
21	1435.60	1426.00	7.75	6.83	6.78	
22	1456.60	1426.00	7.50	6.57	6.52	
23	1389.59	1477.45	8.58		7.90	
24	1396.95	1478.20	8.50	7.81	7.76	
25	1417.00	1478.20	8.60	7.57	7.52	
26	1435.60	1478.20	8.50	7.33	7.28	
27	1456.60	1478.20	8.50	6.00	5.95	900 x 900 SAME AS ABOVE
28	1460·56	1482.27	8.44	5·86	5·85	REFER DETAILS BELOW
29	1398.00	1427.33	8.96	8.20	—	900 x 900 x 1200 DEEP PRECAST PIT- C/W PRECAST CONCRETE COVER WITH CAST IN UPVC Ø150 PIPE FITTED WITH SCREWED CAP
30	1398.00	1477.65	8.96	8.20	—	

LEGEND

- E — ELECTRICAL CABLE- Underground
- PWU — POTABLE WATER-Underground
- PWA — POTABLE WATER- Abovegroud
- EG — ER — EARTH GRID / EARTH RAIL
- S — SEWER MAIN
- T — TELECOM CABLES
- HM — HYDRANT MAIN-Fire Protection
- H — HYDRANT-Fire Protection
- IC — IRRIGATION MAIN
- IG — IRR'G. SRINKLER HEAD-Refer 0010C05020
- STORMWATER DRAINAGE LINE
- SUBSOIL DGE.LINE-Refer 0010C03009
- CONC. STC. JOINTS-Refer 0010C03004
- CONC. KERB - Top kerb level
- STREET LIGHTING POLE-Ref.001 C05127

NOTE : 22kV ELECTRICITY CABLES IN THIS VICINITY - HAND DIGGING ONLY PERMITTED/DIGGING PERMIT REQUIRED BEFORE COMMENCEMENT

- NGU — NATURAL GAS LINE- UNDERGROUND
- CAU — COMPRESSED AIR- UNDERGROUND

NOTE.

1. SEWER MANHOLES WITH F.S.L. DESIGNATED AS N.S.L. SHALL BE CONSTRUCTED WITH MANHOLE COVERS 25MM ABOVE EXISTING SURFACE LEVEL AT THE MANHOLE LOCATION

Y	7/10/2005	D.W	K.S.	DR.11643	WELL MONITORING POINT MOVED				
X	25-2-2002	P.H		DR.12523	GAS, AIR, WATER, ELECTRICAL LINES ADDED				
W	3-8-00	S.D.		DR 11892	CONTRACTORS COMPOUND ADDED				
V	22-2-96			DR 8464	SPENT LINING FACILITY DETAIL ADDED				
U	29-1-93			DR 6609	ELECT SUPPLY DETAIL ADDED	6	24-7-83	A A	ELECT CONT RS Compound & NEW FENCE ADDED.
T	17-6-92			DR 6611	SEWER LINE ADDED	5	3-6-83	PJW	ROAD ADDED E1485·500, T100 AMENDED
S	7-4-92			DR 5996	EARTH GRID DETAIL ALTERED/ADDED				WORKSHOP RD. ADDED.,
R	2-2-92			DR 6604	DRAINAGE & ELECTRICAL CABLE ADDED	4	18-10-82	R.J.H.	LIGHT POLE FOOTING TYPES ADDED.,
P	8-4-91	J.F.	K.C	DR 5497	ADDED TELEPHONE CABLE.	3	16-7-72	HPJ	FPU AMENDED
N	9-10-90	GH/CWS		DR 5060	22 kV OVERHEAD LINE ADDED.				(LIGHTING POLES AND CABLES ADDED, FENCE COORDS REVISED
M	17. APR. 89	VB/CWS		DR 3917	POTABLE WATER LINE BLOCKED OFF NEAR HYDRANT MAIN.	2	30-6-82.	RJK/RP	SEWER RELOCATED (SITE AMENDMENT), HYDRANT MAIN ADDED,
O	6 JULY 84			I.M	REVISED AS BUILT	1	4-11-81	AO	ISSUED FOR CONSTRUCTION
Q	16-11-83		GD		CARPARK AREA WIDENED & GENERALLY DETAIL ADDED	B	30-10-81	AO	ROAD AT E 1426 ADDED
7	19-10-83	RAS		Rev	CARPARK AREA ADDED.	A	22-10-81	AO	ISSUED FOR APPROVAL

OWG. No.	REFERENCE DRAWINGS
0010 C05 020	ROADS & SERVICES LAYOUT PLAN
0410 M82 103	SEWER DETAIL
1591	WELL MONITORING POINTS
7A16	PRESSURE LINE
7A11	BULK EARTHWORKS
7A10	BULK EARTHWORKS
GB52	SPENT LINING FACILITY - CIVIL DETAIL

KEY PLAN

AS BUILT

TOMAGO ALUMINIUM
COMPANY PTY. LIMITED

ALUMINIUM SMELTER
TOMAGO N.S.W.
220,000 MT/Y STAGE 1

		FOR APPROVAL ISSUE		CONSTRUCTION ISSUE	
SCALE	1:200	G.L.	22-10-81	G.L.	4-11-81
SECTION	CIVIL	J.E.	30-10-81	J.E.	4-11-81
CODE	105	P.E.	2-11-81	P.E.	5-11-81
Dr.	AO	CLIENT		CLIENT	5-11-81
Ch.					

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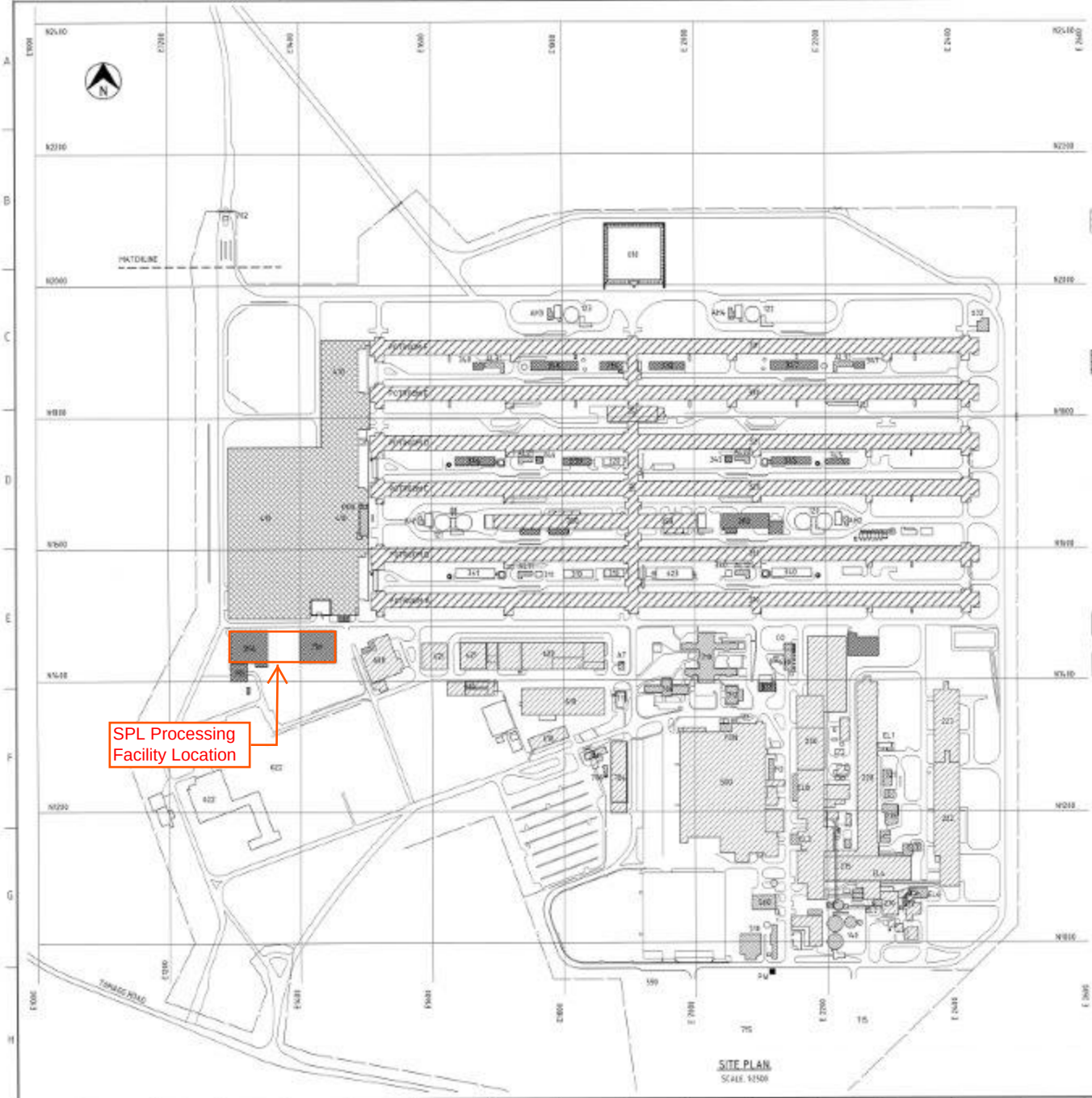
SITE DEVELOPMENT
ROADWORKS & SERVICES PLAN
SWITCHYARD AREA

DRAVO — SYDNEY AUSTRALIA

Contract No. M7576 Rev.
Drawing No. 0010 C05 033 Y

ISSUE No. ..... DATE PRINTED .....

3 BC 9/7/82
4 BC 10/11/82
5 BC 10/6/83



000 SITE DEVELOPMENT

010 SITE LAYOUT AND SERVICES/UNDERGROUND
YARD PIPING
YARD ELECTRICS
SURGE BASIN

100 RAW MATERIAL STORAGE FACILITIES

120 ALUMINA STORAGE FACILITY EAST POTLINES 1 & 2
121 ALUMINA STORAGE FACILITY WEST POTLINES 1 & 2
122 ALUMINA STORAGE FACILITY EAST POTLINES 3
123 ALUMINA STORAGE FACILITY WEST POTLINES 3
125 KOORAGANG BULK FACILITIES
140 COKE STORAGE FACILITY

200 ANODE PRODUCTION FACILITIES

210 PASTE PLANT No 1 & LIQUID PITCH STORAGE
212 PASTE PLANT No 2
215 ANODE HANDLING & STORAGE
219 BAKE OVENS No 1 FUME TREATMENT CENTRE
220 ANODE BAKE OVENS No 1 & STORAGE
221 BAKE OVENS No 2 FUME TREATMENT CENTRE
222 ANODE BAKE OVENS No 2
223 ANODE BAKE OVENS No 3
230 RODDING SHOP & STORAGE

300 ELECTROLYSIS

310 POTLINE 1 400KA & COMMON EQUIPMENT
311 POTLINE 1 400KA B
315 CENTRAL PASSAGEWAY
320 POTLINE 2 400KA C & COMMON EQUIPMENT
321 POTLINE 2 400KA D
330 POTLINE 3 400KA E & COMMON EQUIPMENT
331 POTLINE 3 400KA F
340 FUME TREATMENT EAST POTLINE 1
341 FUME TREATMENT WEST POTLINE 1
345 FUME TREATMENT EAST POTLINE 2
346 FUME TREATMENT WEST POTLINE 2
347 FUME TREATMENT EAST POTLINE 3
348 FUME TREATMENT WEST POTLINE 3
350 CATHODE SEALING, POT RELINING & REPAIRS
351 PTA & TWIN HOPPER HUB/FUME CENTRE MONITORING
356 POT DELINING SPENT LINING STORAGE
358 SUPERSTRUCTURE & POTLINE PAINT WORKSHOPS
360 LADLE CLEANING SHOP
370 LADLE SKIMMING/TAC FACILITY

400 SUBSTATION

410 SUBSTATION

500 CASTHOUSE

590 CASTHOUSE
591 WATER COOLING
592 EROSS TREATMENT FACILITY
595 PRODUCT SHIPPING OFFICE

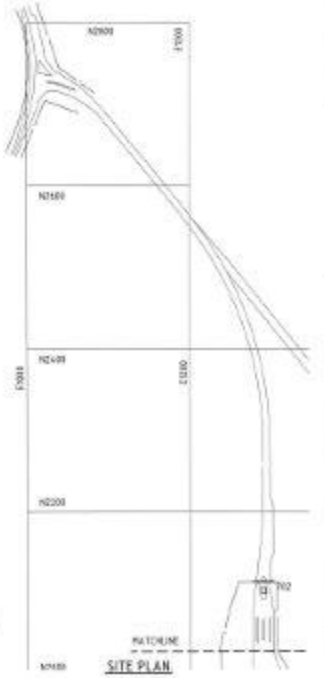
600 SERVICE FACILITIES

610 TRAINING CENTRE
615 MAINTENANCE WORKSHOPS
618 MOTOR POOL & GARAGE
620 SPARES WAREHOUSE & OPEN STORAGE
621 RAW MATERIALS WAREHOUSE
622 COURTAULDS BUILDING
623 FLUORIDE MATERIALS BUILDING
630 COMPRESSOR HOUSE No 1
631 COMPRESSOR HOUSE No 2
632 COMPRESSOR HOUSE No 3

700 ADMINISTRATION

700 NORTH GATEHOUSE & WEIGHBRIDGE
706 MAIN GATE & PERSONNEL FACILITY
708 ADMINISTRATION FACILITY
710 TECHNICAL FACILITY
711 KIOSK
712 PURCHASING & SUPPLY BUILDING
714 MOBILE EQUIPMENT
715 STORMWATER & SEWAGE TREATMENT AREAS

900 WALLAROO SITE
999 STANDARD DRAWINGS



REVISIONS		
	K2	BAKE OVEN 3 & ROADS ADDED P.E. 8-11-06 DR15659
	K1	DRG GENERALLY REVISED C.J. 28-9-99 DR10687
	J	POTLINE 1&2 EXPANSION ADDED K.S. 1-10 DR17211
	T	GENERALLY UPDATED PW DR8487 12-95
	S	GENERALLY UPDATED PW DR8467 2-95
	M	SCALE CHANGED TO 1:2500 DR8242 PW 10-94
REV.		REMARKS

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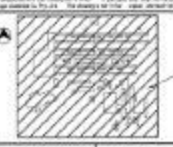

REFERENCE DRAWINGS		
	647	ELECTRICAL SUBSTATION - LOCATION PLAN

TOMAGO ALUMINIUM
COMPANY PTY. LIMITED (A.C.N. 001 562 228)

SITE LAYOUT AND SERVICES
ROAD AND SERVICES UNDERGROUND
SITE PLAN AND STEM CODE LEGEND

DESIGN	P.WILSON	DATE	AUG 99	SCALE	1:2500
DRG.		PR.	J.BOWIE		
CC.		CK.	T.T.N.	DRAWING NUMBER	0010M22-001
EQUIP.					REV. AB
000-C01-C01-A000		DISC.			